APPENDIX P

UPLAND LABORATORY REPORTS

Description: Contains copies of laboratory reports and data validation reports for upland soil and groundwater investigations from 1992 to 2020, as available. Data from these lab reports were used to compile the upland analytical summary tables.

PARAMETRIX SAMPLING EVENT (1991)

NET®
NATIONAL ENVIRONMENTAL TESTING, INC.

NET Pacific, Inc.
4224 Campus Point Ct., Suite 100
San Diego, CA 92121
Tel: (619) 535-7415
Fax: (619) 535-7479

June 18, 1991

William F. Kane
Parametrix Inc.
13020 Northup Way
Bellevue, WA 98005

Dear Mr. Kane,

Enclosed please find volatile, semivolatile, and diesel data for Washington DoE's Nord Door project. The organophosphorus pesticide data will be sent to you by facsimile June 19, 1991.

If you have any questions, please do not hesitate to contact me at (619) 535-7418.

Sincerely,

N.P. Rottunda
Laboratory Project Coordinator

cc: J.Arlauskas
R.Shazer

NET Pacific, Inc.
National Environmental Testing
San Diego Division

TABLE 1

Project Name: DOE - NORD DOOR

NET SAMPLE ID	CLIENT SAMPLE ID	MATRIX	VOA 8240	BNA 8270	TPH 8015	OP PEST 8140
JOB #: 91.0074						
11019	GS-1	SOIL	X	X	X	X
11020	GS-2	SOIL	X	X	X	X
11021	GS-4	SOIL	X	X	X	X
11022	EW	SOIL	X	X	X	X
JOB #: 91.0080						
11074	GS-3	SOIL	X			
11075	SS-1	SOIL	X	X	X	X
11076	SS-2	SOIL	X	X	X	X

NET Pacific, Inc.
National Environmental Testing
San Diego Division

EXECUTIVE SUMMARY TABLE

Volatile Organics
Method 8240

Project Name: D.O.E - NORD DOOR
Batch No: VW094
Matrix: AQUEOUS

Client Sample ID:	EW	METHOD BLANK
NET Sample ID:	11022	VBMAY30
Date Analyzed:	5/30/91	5/30/91
Dilution Factor:	1	1
Parameter	ug/L	ug/L
Methylene Chloride	23 B	19
Chloroform	15	5 U

Surrogates -

% recovery	QC LIMITS		
1,2-Dichloroethane-d4	76-114	114	102
Toluene-d8	88-110	100	100
4-Bromofluorobenzene	86-115	96	86

U - compound was not detected and is below the reported detection limit.
J - compound reported below detection limit, value is estimated.
B - found in associated method blank.

NET Pacific, Inc.
National Environmental Testing
San Diego Division

EXECUTIVE SUMMARY TABLE

Volatile Organics
Method 8240

Project Name: D.O.E - NORD DOOR
Batch No: VS093
Matrix: SOIL

Client Sample ID:		GS-1	GS-2	GS-4	GS-3	SS-1
NET Sample ID:		11019	11020	11021	11074	11075
Date Analyzed:		5/30/91	5/31/91	5/31/91	6/07/91	6/07/91
Dilution Factor:		1	1	1	2	5
Parameter		**ug/Kg-dry**	**ug/Kg-dry**	**ug/Kg-dry**	**ug/Kg-dry**	**ug/Kg-dry**
Methylene Chloride		14 B	23 B	12 B	130 B	68 B
Acetone		130	75 J	48 J	295 U	758 U
Surrogates -						
% recovery	QC LIMITS					
1,2-Dichloroethane-d4	70-121	92	112	110	114	96
Toluene-d8	81-117	100	112	114	128 *	114
4-Bromofluorobenzene	74-121	94	100	118	78	76

U - compound was not detected and is below the reported detection limit.
J - compound reported below detection limit, value is estimated.
B - compound found in associated method blank.
* - value outside QC limits.

NET Pacific, Inc.
National Environmental Testing
San Diego Division

EXECUTIVE SUMMARY TABLE

Volatile Organics
Method 8240

Project Name: D.O.E - NORD DOOR
Batch No: VS093
Matrix: SOIL

Client Sample ID:	SS-2	METHOD BLANK	METHOD BLANK	METHOD BLANK
NET Sample ID:	11076	VBMAY30	VBMAY31	VBJUN7
Date Analyzed:	6/07/91	5/30/91	5/31/91	6/07/91
Dilution Factor:	5	1	1	1
Parameter	ug/Kg-dry	ug/Kg-dry	ug/Kg-dry	ug/Kg-dry
Methylene Chloride	82 B	8	8	7
Acetone	834 U	100 U	100 U	100 U

Surrogates - % recovery	QC LIMITS				
1,2-Dichloroethane-d4	70-121	100	102	100	94
Toluene-d8	81-117	128 *	102	106	94
4-Bromofluorobenzene	74-121	68 *	104	108	90

U - compound was not detected and is below the reported detection limit.
J - compound reported below detection limit, value is estimated.
B - compound found in associated method blank.
* - value outside QC limits.

NET Pacific, Inc.
National Environmental Testing
San Diego Division

EXECUTIVE SUMMARY TABLE

Semivolatile Organics
Method 8270

Project Name: D.O.E - NORD DOOR
Batch No: SW483
Matrix: AQUEOUS

Client Sample ID:	EW	METHOD BLANK
NET Sample ID:	11022	MB483
Date Extracted:	5/28/91	5/28/91
Date Analyzed:	5/29/91	5/28/91
Dilution Factor:	1	1
Parameter	ug/L	ug/L
	NCD	NCD

Surrogates - % recovery	QC LIMITS		
Nitrobenzene-d5	35-114	69	70
2-Fluorobiphenyl	43-116	82	77
p-Terphenyl-d14	33-141	86	76
Phenol-d5	10-94	33	32
2-Fluorophenol	21-100	49	47
2,4,6-Tribromophenol	10-123	80	75

NCD - no compound detected.

NET Pacific, Inc.
National Environmental Testing
San Diego Division

EXECUTIVE SUMMARY TABLE

Semivolatile Organics
Method 8270

Project Name: D.O.E - NORD DOOR
Batch No: SS496
Matrix: SOIL

Client Sample ID:	GS-1	GS-2	GS-4	METHOD BLANK
NET Sample ID:	11019	11020	11021	MB496
Date Extracted:	5/30/91	5/30/91	5/30/91	5/30/91
Date Analyzed:	5/31/91	5/31/91	5/31/91	5/31/91
Dilution Factor:	1	1	1	1
Parameter	ug/Kg-dry	ug/Kg-dry	ug/Kg-dry	ug/Kg-dry
	NCD	NCD	NCD	NCD

Surrogates - % recovery	QC LIMITS				
Nitrobenzene-d5	35-114	81	79	75	75
2-Fluorobiphenyl	43-116	66	65	65	64
p-Terphenyl-d14	33-141	74	80	73	78
Phenol-d5	10-94	74	72	83	70
2-Fluorophenol	21-100	71	72	83	70
2,4,6-Tribromophenol	10-123	86	80	85	78

NCD - no compound detected.

NET Pacific, Inc.
National Environmental Testing
San Diego Division

EXECUTIVE SUMMARY TABLE

Semivolatile Organics
Method 8270

Project Name: D.O.E - NORD DOOR
Batch No: SS498
Matrix: SOIL

Client Sample ID:	SS-1	SS-2	METHOD BLANK
NET Sample ID:	11075	11076	MB498
Date Extracted:	6/03/91	6/03/91	6/03/91
Date Analyzed:	6/04/91	6/05/91	6/04/91
Dilution Factor:	10	5	1
Parameter	ug/Kg-dry	ug/Kg-dry	ug/Kg-dry
	NCD	NCD	NCD

Surrogates - % recovery	QC LIMITS			
Nitrobenzene-d5	35-114	0 *	33 *	59
2-Fluorobiphenyl	43-116	12 *	49	61
p-Terphenyl-d14	33-141	13 *	46	78
Phenol-d5	10-94	7 *	33	60
2-Fluorophenol	21-100	10 *	33	66
2,4,6-Tribromophenol	10-123	0 *	48	76

NCD - no compound detected.
* - value outside of QC limits.

NET Pacific, Inc.
National Environmental Testing
San Diego Division

EXECUTIVE SUMMARY TABLE

Diesel
Method 8015

Project Name: D.O.E - NORD DOOR
Batch No: FS494

Client Sample ID:	GS-1	GS-2	GS-4	EW	Method Blank	Method Blank
NET Sample ID:	11019	11020	11021	11022	MB494	MB489
Date Extracted:	5/30/91	5/30/91	5/30/91	5/31/91	5/30/91	5/31/91
Date Analyzed:	6/03/91	6/03/91	6/03/91	6/03/91	6/03/91	6/03/91
Matrix:	Soil	Soil	Soil	Aqueous	Soil	Aqueous
Dilution Factor:	1	1	1		1	
Parameter	ug/Kg-dry	ug/Kg-dry	ug/Kg-dry	ug/L	ug/Kg-dry	ug/L
Diesel	ND	ND	ND	ND	ND	ND

Surrogates - % recovery	QC LIMITS						
DNOP	20-150	160 *	140	200 *	140	150	140

ND - not detected
* - outside of QC limits

NET Pacific, Inc.
National Environmental Testing
San Diego Division

EXECUTIVE SUMMARY TABLE

Diesel
Method 8015

Project Name: D.O.E - NORD DOOR
Batch No: FS516

Client Sample ID:	SS-1	SS-2	METHOD BLANK
NET Sample ID:	11075	11076	MB516
Date Extracted:	6/12/91	6/12/91	6/12/91
Date Analyzed:	6/14/91	6/14/91	6/14/91
Matrix:	SOIL	SOIL	SOIL
Dilution Factor:	1	1	1
Parameter	mg/Kg-Dry	mg/Kg-Dry	mg/Kg-Dry
Diesel	ND	ND	ND

Surrogates - % recovery	QC LIMITS			
Di-N-Octylphthalate	20-150	34	91	100

ND - not detected

VOLATILE ORGANICS

AQUEOUS

Method 8240

Batch No: VW094

Sample Data

NET PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Metnod 8240
(Aqueous)

Client Name: NORD DOOR
Client Sample ID: EW
NET Sample ID: 11022
NET Batch #: VW094
% Moisture (Tot.): NA
Sample Volume (ml): 5.00
Dilution Factor: 1.00

Date Sampled: 05/24/91
Date Received: 05/25/91
Date Analyzed: 05/30/91

Parameter	Analytical Results ug/L	Reporting Limit ug/L
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene Chloride	23 B	5
Acetone	ND	100
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene (Total)	ND	5
Chloroform	15	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	100
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Vinyl acetate	ND	50
Bromodichloromethane	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2-Dichloropropane	ND	5
trans-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5
cis-1,3-Dichloropropene	ND	5
2-Chloroethyl vinyl ether	ND	10
Bromoform	ND	5
2-Hexanone	ND	50
4-Methyl-2-pentanone	ND	50
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Total Xylenes	ND	5

011

Volatile Organics
Method 8240
(Aqueous)

Client Name: NORD DOOR
Client Sample ID: EW
NET Sample ID: 11022

Parameter	Analytical Results ug/L	Reporting Limit ug/L
Iodomethane	ND	5
Trichlorofluoromethane	ND	5
Dibromomethane	ND	5
1,2,3-Trichloropropane	ND	10
1,4-Dichlorobutane	ND	5
Ethyl Methacrylate	ND	10
Dichlorodifluoromethane	ND	30
Acrolein	ND	50
Acrylonitrile	ND	50

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	57	114	76-114
Toluene-d8	50	50	100	88-110
4-Bromofluorobenzene	50	48	96	86-115

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

REV 03/90

Prepared by: Release Authorized by:

012

VOLATILE ORGANICS

AQUEOUS

Method 8240

Batch No: VW094

Method Blank Data

NET PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Aqueous)

Client Name: NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: VBMAY30
NET Batch #: VW094
% Moisture (Tot.): NA
Sample Volume (ml): 5.00
Dilution Factor: 1.00

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 05/30/91

Parameter	Analytical Results ug/L	Reporting Limit ug/L
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene Chloride	19	5
Acetone	ND	100
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene (Total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	100
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Vinyl acetate	ND	50
Bromodichloromethane	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2-Dichloropropane	ND	5
trans-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5
cis-1,3-Dichloropropene	ND	5
2-Chloroethyl vinyl ether	ND	10
Bromoform	ND	5
2-Hexanone	ND	50
4-Methyl-2-pentanone	ND	50
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Total Xylenes	ND	5

Volatile Organics
Method 8240
(Aqueous)

Client Name: NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: VBMAY30

Parameter	Analytical Results ug/L	Reporting Limit ug/L
Iodomethane	ND	5
Trichlorofluoromethane	ND	5
Dibromomethane	ND	5
1,2,3-Trichloropropane	ND	10
1,4-Dichlorobutane	ND	5
Ethyl Methacrylate	ND	10
Dichlorodifluoromethane	ND	30
Acrolein	ND	50
Acrylonitrile	ND	50

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	51	102	76-114
Toluene-d8	50	50	100	88-110
4-Bromofluorobenzene	50	43	86	86-115

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

REV 03/90

Prepared by: 

Release Authorized by: 

VOLATILE ORGANICS

SOIL

Method 8240

Batch No: VS093

Sample Data

NET-PACIFIC INC..
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-1
NET Sample ID: 11019
NET Batch #: VS093
% Moisture (Tot.): 9.99
Sample Wt. (g): 5.00
Dilution Factor: 1.00

Date Sampled: 05/24/91
Date Received: 05/25/91
Date Analyzed: 05/30/91

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Chloromethane	ND	11
Bromomethane	ND	11
Vinyl chloride	ND	11
Chloroethane	ND	11
Methylene Chloride	14 B	6
Acetone	130	111
Carbon disulfide	ND	6
1,1-Dichloroethene	ND	6
1,1-Dichloroethane	ND	6
trans-1,2-Dichloroethene (Total)	ND	6
Chloroform	ND	6
1,2-Dichloroethane	ND	6
2-Butanone	ND	111
1,1,1-Trichloroethane	ND	6
Carbon tetrachloride	ND	6
Vinyl acetate	ND	56
Bromodichloromethane	ND	6
1,1,2,2-Tetrachloroethane	ND	6
1,2-Dichloropropane	ND	6
trans-1,3-Dichloropropene	ND	6
Trichloroethene	ND	6
Dibromochloromethane	ND	6
1,1,2-Trichloroethane	ND	6
Benzene	ND	6
cis-1,3-Dichloropropene	ND	6
2-Chloroethyl vinyl ether	ND	11
Bromoform	ND	6
2-Hexanone	ND	56
4-Methyl-2-pentanone	ND	56
Tetrachloroethene	ND	6
Toluene	ND	6
Chlorobenzene	ND	6
Ethyl benzene	ND	6
Styrene	ND	6
Total Xylenes	ND	6

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-1
NET Sample ID: 11019

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	6
Trichlorofluoromethane	ND	6
Dibromomethane	ND	6
1,2,3-Trichloropropane	ND	11
1,4-Dichlorobutane	ND	6
Ethyl Methacrylate	ND	11
Dichlorodiflurormethane	ND	33
Acrolein	ND	56
Acrylonitrile	ND	56

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	46	92	70-121
Toluene-d8	50	50	100	81-117
4-Bromofluorobenzene	50	47	94	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by:
REV 03/90

Release Authorized by:

NET-PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-2
NET Sample ID: 11020
NET Batch #: VS093
% Moisture (Tot.): 16.61
Sample Wt. (g): 5.00
Dilution Factor: 1.00

Date Sampled: 05/24/91
Date Received: 05/25/91
Date Analyzed: 05/31/91

Parameter	Analytical Results ug/Kg-dry		Reporting Limit ug/Kg-dry
Chloromethane	ND		12
Bromomethane	ND		12
Vinyl chloride	ND		12
Chloroethane	ND		12
Methylene Chloride	23	B	6
Acetone	75	J	120
Carbon disulfide	ND		6
1,1-Dichloroethene	ND		6
1,1-Dichloroethane	ND		6
trans-1,2-Dichloroethene (Total)	ND		6
Chloroform	ND		6
1,2-Dichloroethane	ND		6
2-Butanone	ND		120
1,1,1-Trichloroethane	ND		6
Carbon tetrachloride	ND		6
Vinyl acetate	ND		60
Bromodichloromethane	ND		6
1,1,2,2-Tetrachloroethane	ND		6
1,2-Dichloropropane	ND		6
trans-1,3-Dichloropropene	ND		6
Trichloroethene	ND		6
Dibromochloromethane	ND		6
1,1,2-Trichloroethane	ND		6
Benzene	ND		6
cis-1,3-Dichloropropene	ND		6
2-Chloroethyl vinyl ether	ND		12
Bromoform	ND		6
2-Hexanone	ND		60
4-Methyl-2-pentanone	ND		60
Tetrachloroethene	ND		6
Toluene	ND		6
Chlorobenzene	ND		6
Ethyl benzene	ND		6
Styrene	ND		6
Total Xylenes	ND		6

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-2
NET Sample ID: 11020

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	6
Trichlorofluoromethane	ND	6
Dibromomethane	ND	6
1,2,3-Trichloropropane	ND	12
1,4-Dichlorobutane	ND	6
Ethyl Methacrylate	ND	12
Dichlorodiflurormethane	ND	36
Acrolein	ND	60
Acrylonitrile	ND	60

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	56	112	70-121
Toluene-d8	50	56	112	81-117
4-Bromofluorobenzene	50	50	100	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by:
REV 03/90

Release Authorized by:

NET-PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-4
NET Sample ID: 11021
NET Batch #: VS093
% Moisture (Tot.): 10.20
Sample Wt. (g): 5.00
Dilution Factor: 1.00

Date Sampled: 05/24/91
Date Received: 05/25/91
Date Analyzed: 05/31/91

Parameter	Analytical Results ug/Kg-dry		Reporting Limit ug/Kg-dry
Chloromethane	ND		11
Bromomethane	ND		11
Vinyl chloride	ND		11
Chloroethane	ND		11
Methylene Chloride	12	B	6
Acetone	48	J	111
Carbon disulfide	ND		6
1,1-Dichloroethene	ND		6
1,1-Dichloroethane	ND		6
trans-1,2-Dichloroethene (Total)	ND		6
Chloroform	ND		6
1,2-Dichloroethane	ND		6
2-Butanone	ND		111
1,1,1-Trichloroethane	ND		6
Carbon tetrachloride	ND		6
Vinyl acetate	ND		56
Bromodichloromethane	ND		6
1,1,2,2-Tetrachloroethane	ND		6
1,2-Dichloropropane	ND		6
trans-1,3-Dichloropropene	ND		6
Trichloroethene	ND		6
Dibromochloromethane	ND		6
1,1,2-Trichloroethane	ND		6
Benzene	ND		6
cis-1,3-Dichloropropene	ND		6
2-Chloroethyl vinyl ether	ND		11
Bromoform	ND		6
2-Hexanone	ND		56
4-Methyl-2-pentanone	ND		56
Tetrachloroethene	ND		6
Toluene	ND		6
Chlorobenzene	ND		6
Ethyl benzene	ND		6
Styrene	ND		6
Total Xylenes	ND		6

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-4
NET Sample ID: 11021

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	6
Trichlorofluoromethane	ND	6
Dibromomethane	ND	6
1,2,3-Trichloropropane	ND	11
1,4-Dichlorobutane	ND	6
Ethyl Methacrylate	ND	11
Dichlorodiflurormethane	ND	33
Acrolein	ND	56
Acrylonitrile	ND	56

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	55	110	70-121
Toluene-d8	50	57	114	81-117
4-Bromofluorobenzene	50	59	118	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by: [signature]
REV 03/90

Release Authorized by: [signature]

NET-PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-3
NET Sample ID: 11074
NET Batch #: VS093
% Moisture (Tot.): 32.23
Sample Wt. (g): 5.00
Dilution Factor: 2.00

Date Sampled: 05/30/91
Date Received: 05/31/91
Date Analyzed: 06/07/91

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Chloromethane	ND	30
Bromomethane	ND	30
Vinyl chloride	ND	30
Chloroethane	ND	30
Methylene Chloride	130 B	15
Acetone	ND	295
Carbon disulfide	ND	15
1,1-Dichloroethene	ND	15
1,1-Dichloroethane	ND	15
trans-1,2-Dichloroethene (Total)	ND	15
Chloroform	ND	15
1,2-Dichloroethane	ND	15
2-Butanone	ND	295
1,1,1-Trichloroethane	ND	15
Carbon tetrachloride	ND	15
Vinyl acetate	ND	148
Bromodichloromethane	ND	15
1,1,2,2-Tetrachloroethane	ND	15
1,2-Dichloropropane	ND	15
trans-1,3-Dichloropropene	ND	15
Trichloroethene	ND	15
Dibromochloromethane	ND	15
1,1,2-Trichloroethane	ND	15
Benzene	ND	15
cis-1,3-Dichloropropene	ND	15
2-Chloroethyl vinyl ether	ND	30
Bromoform	ND	15
2-Hexanone	ND	148
4-Methyl-2-pentanone	ND	148
Tetrachloroethene	ND	15
Toluene	90	15
Chlorobenzene	ND	15
Ethyl benzene	ND	15
Styrene	ND	15
Total Xylenes	54	15

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-3
NET Sample ID: 11074

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	15
Trichlorofluoromethane	ND	15
Dibromomethane	ND	15
1,2,3-Trichloropropane	ND	30
1,4-Dichlorobutane	ND	15
Ethyl Methacrylate	ND	30
Dichlorodiflurormethane	ND	89
Acrolein	ND	148
Acrylonitrile	ND	148

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	57	114	70-121
Toluene-d8	50	64	128	81-117
4-Bromofluorobenzene	50	39	78	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by:
REV 03/90

Release Authorized by:

NET-PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: SS-1
NET Sample ID: 11075
NET Batch #: VS093
% Moisture (Tot.): 34.03
Sample Wt. (g): 5.00
Dilution Factor: 5.00

Date Sampled: 05/30/91
Date Received: 05/31/91
Date Analyzed: 06/07/91

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Chloromethane	ND	76
Bromomethane	ND	76
Vinyl chloride	ND	76
Chloroethane	ND	76
Methylene Chloride	68 B	38
Acetone	ND	758
Carbon disulfide	ND	38
1,1-Dichloroethene	ND	38
1,1-Dichloroethane	ND	38
trans-1,2-Dichloroethene (Total)	ND	38
Chloroform	ND	38
1,2-Dichloroethane	ND	38
2-Butanone	ND	758
1,1,1-Trichloroethane	ND	38
Carbon tetrachloride	ND	38
Vinyl acetate	ND	379
Bromodichloromethane	ND	38
1,1,2,2-Tetrachloroethane	ND	38
1,2-Dichloropropane	ND	38
trans-1,3-Dichloropropene	ND	38
Trichloroethene	ND	38
Dibromochloromethane	ND	38
1,1,2-Trichloroethane	ND	38
Benzene	ND	38
cis-1,3-Dichloropropene	ND	38
2-Chloroethyl vinyl ether	ND	76
Bromoform	ND	38
2-Hexanone	ND	379
4-Methyl-2-pentanone	ND	379
Tetrachloroethene	ND	38
Toluene	ND	38
Chlorobenzene	ND	38
Ethyl benzene	ND	38
Styrene	ND	38
Total Xylenes	ND	38

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: SS-1
NET Sample ID: 11075

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	38
Trichlorofluoromethane	ND	38
Dibromomethane	ND	38
1,2,3-Trichloropropane	ND	76
1,4-Dichlorobutane	ND	38
Ethyl Methacrylate	ND	76
Dichlorodiflurormethane	ND	227
Acrolein	ND	379
Acrylonitrile	ND	379

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	48	96	70-121
Toluene-d8	50	57	114	81-117
4-Bromofluorobenzene	50	38	76	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by: gr
REV 03/90

Release Authorized by: gr

NET-PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: SS-2
NET Sample ID: 11076
NET Batch #: VS093
% Moisture (Tot.): 40.04
Sample Wt. (g): 5.00
Dilution Factor: 5.00

Date Sampled: 05/30/91
Date Received: 05/31/91
Date Analyzed: 06/07/91

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Chloromethane	ND	83
Bromomethane	ND	83
Vinyl chloride	ND	83
Chloroethane	ND	83
Methylene Chloride	82 B	42
Acetone	ND	834
Carbon disulfide	ND	42
1,1-Dichloroethene	ND	42
1,1-Dichloroethane	ND	42
trans-1,2-Dichloroethene (Total)	ND	42
Chloroform	ND	42
1,2-Dichloroethane	ND	42
2-Butanone	ND	834
1,1,1-Trichloroethane	ND	42
Carbon tetrachloride	ND	42
Vinyl acetate	ND	417
Bromodichloromethane	ND	42
1,1,2,2-Tetrachloroetnane	ND	42
1,2-Dichloropropane	ND	42
trans-1,3-Dichloropropene	ND	42
Trichloroethene	ND	42
Dibromochloromethane	ND	42
1,1,2-Trichloroethane	ND	42
Benzene	ND	42
cis-1,3-Dichloropropene	ND	42
2-Chloroethyl vinyl ether	ND	83
Bromoform	ND	42
2-Hexanone	ND	417
4-Methyl-2-pentanone	ND	417
Tetrachloroethene	ND	42
Toluene	ND	42
Chlorobenzene	ND	42
Ethyl benzene	ND	42
Styrene	ND	42
Total Xylenes	ND	42

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: SS-2
NET Sample ID: 11076

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	42
Trichlorofluoromethane	ND	42
Dibromomethane	ND	42
1,2,3-Trichloropropane	ND	83
1,4-Dichlorobutane	ND	42
Ethyl Methacrylate	ND	83
Dichlorodiflurormethane	ND	250
Acrolein	ND	417
Acrylonitrile	ND	417

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	50	100	70-121
Toluene-d8	50	64	128	81-117
4-Bromofluorobenzene	50	34	68	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by: gc
REV 03/90

Release Authorized by: gc

VOLATILE ORGANICS

SOIL

Method 8240

Batch No: VS093

Method Blank Data

NET-PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: VBMAY30
NET Batch #: VS093
% Moisture (Tot.): NA
Sample Wt. (g): 5.00
Dilution Factor: 1.00

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 05/30/91

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene Chloride	8	5
Acetone	ND	100
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene (Total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	100
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Vinyl acetate	ND	50
Bromodichloromethane	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2-Dichloropropane	ND	5
trans-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5
cis-1,3-Dichloropropene	ND	5
2-Chloroethyl vinyl ether	ND	10
Bromoform	ND	5
2-Hexanone	ND	50
4-Methyl-2-pentanone	ND	50
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Total Xylenes	ND	5

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: VBMAY30

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	5
Trichlorofluoromethane	ND	5
Dibromomethane	ND	5
1,2,3-Trichloropropane	ND	10
1,4-Dichlorobutane	ND	5
Ethyl Methacrylate	ND	10
Dichlorodiflurormethane	ND	30
Acrolein	ND	50
Acrylonitrile	ND	50

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	51	102	70-121
Toluene-d8	50	51	102	81-117
4-Bromofluorobenzene	50	52	104	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by:
REV 03/90

Release Authorized by:

NET-PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: VBMAY31
NET Batch #: VS093
% Moisture (Tot.): NA
Sample Wt. (g): 5.00
Dilution Factor: 1.00

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 05/31/91

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene Chloride	8	5
Acetone	ND	100
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene (Total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	100
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Vinyl acetate	ND	50
Bromodichloromethane	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2-Dichloropropane	ND	5
trans-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5
cis-1,3-Dichloropropene	ND	5
2-Chloroethyl vinyl ether	ND	10
Bromoform	ND	5
2-Hexanone	ND	50
4-Methyl-2-pentanone	ND	50
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Total Xylenes	ND	5

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: VBMAY31

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	5
Trichlorofluoromethane	ND	5
Dibromomethane	ND	5
1,2,3-Trichloropropane	ND	10
1,4-Dichlorobutane	ND	5
Ethyl Methacrylate	ND	10
Dichlorodiflurormethane	ND	30
Acrolein	ND	50
Acrylonitrile	ND	50

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	52	104	70-121
Toluene-d8	50	53	106	81-117
4-Bromofluorobenzene	50	54	108	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by:
REV 03/90

Release Authorized by:

NET-PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: VBJUN7
NET Batch #: VS093
% Moisture (Tot.): NA
Sample Wt. (g): 5.00
Dilution Factor: 1.00

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 06/07/91

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl chloride	ND	10
Chloroethane	ND	10
Methylene Chloride	7 B	5
Acetone	ND	100
Carbon disulfide	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloroethane	ND	5
trans-1,2-Dichloroethene (Total)	ND	5
Chloroform	ND	5
1,2-Dichloroethane	ND	5
2-Butanone	ND	100
1,1,1-Trichloroethane	ND	5
Carbon tetrachloride	ND	5
Vinyl acetate	ND	50
Bromodichloromethane	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,2-Dichloropropane	ND	5
trans-1,3-Dichloropropene	ND	5
Trichloroethene	ND	5
Dibromochloromethane	ND	5
1,1,2-Trichloroethane	ND	5
Benzene	ND	5
cis-1,3-Dichloropropene	ND	5
2-Chloroethyl vinyl ether	ND	10
Bromoform	ND	5
2-Hexanone	ND	50
4-Methyl-2-pentanone	ND	50
Tetrachloroethene	ND	5
Toluene	ND	5
Chlorobenzene	ND	5
Ethyl benzene	ND	5
Styrene	ND	5
Total Xylenes	ND	5

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: VBJUN7

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	5
Trichlorofluoromethane	ND	5
Dibromomethane	ND	5
1,2,3-Trichloropropane	ND	10
1,4-Dichlorobutane	ND	5
Ethyl Methacrylate	ND	10
Dichlorodiflurormethane	ND	30
Acrolein	ND	50
Acrylonitrile	ND	50

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	47	94	70-121
Toluene-d8	50	47	94	81-117
4-Bromofluorobenzene	50	45	90	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by:
REV 03/90

Release Authorized by:

NET PACIFIC INC.,
SAN DIEGO DIVISION

QUALITY CONTROL REPORT

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
NET Batch #: VS093

NET Sample ID: 11021
Client Sample ID: GS-4

PARAMETERS	CONC. SPIKE ADDED (ug/Kg	SAMPLE RESULT	CONC. MS	% RECOVERY	CONC. MSD	% RECOVERY	% RPD	CONTROL LIMITS RPD	CONTROL LIMITS RECOVERY
1,1-Dichloroethene	50.0	0.0	60.4	121%	51.9	104%	15%	22	59-172
Trichloroethene	50.0	0.0	52.8	106%	50.4	101%	5%	24	62-137
Benzene	50.0	0.0	56.9	114%	55.3	111%	3%	21	66-142
Toluene	50.0	0.0	56.2	112%	53.2	106%	6%	21	59-139
Chlorobenzene	50.0	0.0	56.5	113%	53.3	107%	6%	21	60-133

Release Authorized by:

The accompanying narrative is an integral part of this report.

VOLATILE ORGANICS

SOIL

Method 8240

Batch No: VS093

QC Data

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-4 MATR SP
NET Sample ID: 11021MS

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	6
Trichlorofluoromethane	ND	6
Dibromomethane	ND	6
1,2,3-Trichloropropane	ND	11
1,4-Dichlorobutane	ND	6
Ethyl Methacrylate	ND	11
Dichlorodiflurormethane	ND	33
Acrolein	ND	56
Acrylonitrile	ND	56

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	54	108	70-121
Toluene-d8	50	57	114	81-117
4-Bromofluorobenzene	50	56	112	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by:
REV 03/90

Release Authorized by:

NET-PACIFIC INC..
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-4 MATR SP
NET Sample ID: 11021MS
NET Batch #: VS093
% Moisture (Tot.): 10.20
Sample Wt. (g): 5.00
Dilution Factor: 1.00

Date Sampled: 05/24/91
Date Received: 05/25/91
Date Analyzed: 05/31/91

Parameter	Analytical Results ug/Kg-dry		Reporting Limit ug/Kg-dry
Chloromethane	ND		11
Bromomethane	ND		11
Vinyl chloride	ND		11
Chloroethane	ND		11
Methylene Chloride	10	B	6
Acetone	54	J	111
Carbon disulfide	ND		6
1,1-Dichloroethene	60		6
1,1-Dichloroethane	ND		6
trans-1,2-Dichloroethene (Total)	ND		6
Chloroform	ND		6
1,2-Dichloroethane	ND		6
2-Butanone	ND		111
1,1,1-Trichloroethane	ND		6
Carbon tetrachloride	ND		6
Vinyl acetate	ND		56
Bromodichloromethane	ND		6
1,1,2,2-Tetrachloroethane	ND		6
1,2-Dichloropropane	ND		6
trans-1,3-Dichloropropene	ND		6
Trichloroethene	53		6
Dibromochloromethane	ND		6
1,1,2-Trichloroethane	ND		6
Benzene	57		6
cis-1,3-Dichloropropene	ND		6
2-Chloroethyl vinyl ether	ND		11
Bromoform	ND		6
2-Hexanone	ND		56
4-Methyl-2-pentanone	ND		56
Tetrachloroethene	ND		6
Toluene	56		6
Chlorobenzene	56		6
Ethyl benzene	ND		6
Styrene	ND		6
Total Xylenes	ND		6

NET-PACIFIC INC.,
SAN DIEGO DIV.

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-4 MATR SP DUP
NET Sample ID: 11021MSD
NET Batch #: VS093
% Moisture (Tot.): 10.20
Sample Wt. (g): 5.00
Dilution Factor: 1.00

Date Sampled: 05/24/91
Date Received: 05/25/91
Date Analyzed: 05/31/91

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Chloromethane	ND	11
Bromomethane	ND	11
Vinyl chloride	ND	11
Chloroethane	ND	11
Methylene Chloride	11 B	6
Acetone	60 J	111
Carbon disulfide	ND	6
1,1-Dichloroethene	52	6
1,1-Dichloroethane	ND	6
trans-1,2-Dichloroethene (Total)	ND	6
Chloroform	ND	6
1,2-Dichloroethane	ND	6
2-Butanone	ND	111
1,1,1-Trichloroethane	ND	6
Carbon tetrachloride	ND	6
Vinyl acetate	ND	56
Bromodichloromethane	ND	6
1,1,2,2-Tetrachloroethane	ND	6
1,2-Dichloropropane	ND	6
trans-1,3-Dichloropropene	ND	6
Trichloroethene	50	6
Dibromochloromethane	ND	6
1,1,2-Trichloroethane	ND	6
Benzene	55	6
cis-1,3-Dichloropropene	ND	6
2-Chloroethyl vinyl ether	ND	11
Bromoform	ND	6
2-Hexanone	ND	56
4-Methyl-2-pentanone	ND	56
Tetrachloroethene	ND	6
Toluene	53	6
Chlorobenzene	53	6
Ethyl benzene	ND	6
Styrene	ND	6
Total Xylenes	ND	6

Volatile Organics
Method 8240
(Solid)

Client Name: NORD DOOR
Client Sample ID: GS-4 MATR SP DUP
NET Sample ID: 11021MSD

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Iodomethane	ND	6
Trichlorofluoromethane	ND	6
Dibromomethane	ND	6
1,2,3-Trichloropropane	ND	11
1,4-Dichlorobutane	ND	6
Ethyl Methacrylate	ND	11
Dichlorodiflurormethane	ND	33
Acrolein	ND	56
Acrylonitrile	ND	56

Surrogates	Spiked	Found	% Recovery	Limits
1,2-Dichloroethane-d4	50	54	108	70-121
Toluene-d8	50	54	108	81-117
4-Bromofluorobenzene	50	50	100	74-121

*ND=Compound of interest is not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by:
REV 03/90

Release Authorized by:

SEMIVOLATILE ORGANICS

AQUEOUS

Method 8270

Batch No: SW483

Sample Data

Semi-Volatile Organics
NET Method 8270
(Aqueous)

Client Name:	DOE-NORD DOOR	Date Sampled:	05/24/91
Client Sample ID:	EW	Date Received:	05/25/91
NET Sample ID:	11022	Date Extracted:	05/28/91
NET Project #:	SW483	Date Analyzed:	05/29/91
% Moisture (Tot.):	NA		
Sample Volume (ml):	400.00		
Dilution Factor:	1		
Final Extract Volume (ml):	1		

Parameter	Analytical Results ug/L	Reporting Limit ug/L
Phenol	ND	25
bis(2-Chloroethyl) ether	ND	25
2-Chlorophenol	ND	25
1,3-Dichlorobenzene	ND	25
1,4-Dichlorobenzene	ND	25
Benzyl Alcohol	ND	50
1,2-Dichlorobenzene	ND	25
2-Methylphenol	ND	25
bis(2-Chloroisopropyl) ether	ND	25
4-Methylphenol	ND	25
N-Nitroso-Di-N-propylamine	ND	25
Hexachloroethane	ND	25
Nitrobenzene	ND	25
Isophorone	ND	25
2-Nitrophenol	ND	25
2,4-Dimethylphenol	ND	25
Benzoic Acid	ND	130
bis(2-Chloroethoxy) methane	ND	25
2,4-Dichlorophenol	ND	25
1,2,4-Trichlorobenzene	ND	25
Naphthalene	ND	25
4-Chloroaniline	ND	50
Hexachlorobutadiene	ND	25
4-Chloro-3-methylphenol	ND	50
2-Methylnaphthalene	ND	25
Hexachlorocyclopentadiene	ND	25
2,4,6-Trichlorophenol	ND	25
2,4,5-Trichlorophenol	ND	25
2-Chloronaphthalene	ND	25
2-Nitroaniline	ND	130
Dimethyl phthalate	ND	25
Acenaphthylene	ND	25
3-Nitroaniline	ND	130
Acenaphthene	ND	25
2,4-Dinitrophenol	ND	130
4-Nitrophenol	ND	130
Dibenzofuran	ND	25
2,4-Dinitrotoluene	ND	25
2,6-Dinitrotoluene	ND	25
Diethylphthalate	ND	25

Semi-Volatile Organics
NET Method 8270
(Aqueous)

Client Name: DOE-NORD DOOR
Client Sample ID: EW
NET Sample ID: 11022

Parameter	Analytical Results ug/L	Reporting Limit ug/L
4-Chlorophenyl phenyl ether	ND	25
Fluorene	ND	25
4-Nitroaniline	ND	130
4,6-Dinitro-2-methylphenol	ND	130
N-Nitrosodiphenylamine	ND	25
4-Bromophenyl phenyl ether	ND	25
Hexachlorobenzene	ND	25
Pentachlorophenol	ND	130
Phenanthrene	ND	25
Anthracene	ND	25
Di-n-butylphthalate	ND	25
Fluoranthene	ND	25
Pyrene	ND	25
Butyl benzyl phthalate	ND	25
3,3'-Dichlorobenzidine	ND	50
Benzo(a)anthracene	ND	25
bis(2-ethylhexyl)phthalate	ND	25
Chrysene	ND	25
Di-n-octyl phthalate	ND	25
Benzo(b)fluoranthene	ND	25
Benzo(k)fluoranthene	ND	25
Benzo(a)pyrene	ND	25
Indeno(1,2,3-cd)pyrene	ND	25
Dibenz(a,h)anthracene	ND	25
Benzo(g,h,i)perylene	ND	25
2-Picoline	ND	25
Methyl methanesulfonate	ND	25
Ethyl methanesulfonate	ND	25
Acetophenone	ND	25
N-Nitrosopiperidine	ND	25
Dimethylphenethylamine	ND	25
2,6-Dichlorophenol	ND	25
N-Nitrosodibutylamine	ND	25
1,2,4,5-Tetrachlorobenzene	ND	25
1-Chloronaphthalene	ND	25
Pentachlorobenzene	ND	25
1-Naphthylamine	ND	25
2-Naphthylamine	ND	25
Diphenylamine	ND	25
1,2-Diphenylhydrazine	ND	25
Phenacetin	ND	25
4-Aminobiphenyl	ND	25
Pronamide	ND	25

Semi-Volatile Organics
NET Method 8270
(Aqueous)

Client Name: DOE-NORD DOOR
Client Sample ID: EW
NET Sample ID: 11022

Parameter	Analytical Results ug/L	Reporting Limit ug/L
p-Dimethylaminoazobenzene	ND	25
7,12-Dimethylbenz(a)anthr	ND	25
3-Methylcholanthrene	ND	130

Surrogates	Spiked	Found	% Recovery	Limits
Nitrobenzene-d5	250	170	69	35-114
2-Fluorobiphenyl	250	210	82	43-116
p-Terphenyl-d14	250	210	86	33-141
Phenol-d5	500	160	33	10-94
2-Fluorophenol	500	240	49	21-100
2,4,6-Tribromophenol	500	400	80	10-123

*ND=Compound of interest not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

6-3-91

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SEMIVOLATILE ORGANICS

AQUEOUS

Method 8270

Batch No: SW483

Method Blank Data

Semi-Volatile Organics
NET Method 8270
(Aqueous)

Client Name: DOE-NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: MB483
NET Project #: SW483
% Moisture (Tot.): NA
Sample Volume (ml): 1000.00
Dilution Factor: 1
Final Extract Volume (ml): 1

Date Sampled: NA
Date Received: NA
Date Extracted: 05/28/91
Date Analyzed: 05/28/91

Parameter	Analytical Results ug/L	Reporting Limit ug/L
Phenol	ND	10
bis(2-Chloroethyl) ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl Alcohol	ND	20
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-Di-N-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	10
2,4-Dimethylphenol	ND	10
Benzoic Acid	ND	50
bis(2-Chloroethoxy) methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	20
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	20
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	10
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	50
Dimethyl phthalate	ND	10
Acenaphthylene	ND	10
3-Nitroaniline	ND	50
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	50
4-Nitrophenol	ND	50
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
2,6-Dinitrotoluene	ND	10
Diethylphthalate	ND	10

Semi-Volatile Organics
NET Method 8270
(Aqueous)

Client Name: DOE-NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: MB483

Parameter	Analytical Results ug/L	Reporting Limit ug/L
4-Chlorophenyl phenyl ether	ND	10
Fluorene	ND	10
4-Nitroaniline	ND	50
4,6-Dinitro-2-methylphenol	ND	50
N-Nitrosodiphenylamine	ND	10
4-Bromophenyl phenyl ether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	50
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10
Butyl benzyl phthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
bis(2-ethylhexyl)phthalate	ND	10
Chrysene	ND	10
Di-n-octyl phthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10
2-Picoline	ND	10
Methyl methanesulfonate	ND	10
Ethyl methanesulfonate	ND	10
Acetophenone	ND	10
N-Nitrosopiperidine	ND	10
Dimethylphenethylamine	ND	10
2,6-Dichlorophenol	ND	10
N-Nitrosodibutylamine	ND	10
1,2,4,5-Tetrachlorobenzene	ND	10
1-Chloronaphthalene	ND	10
Pentachlorobenzene	ND	10
1-Naphthylamine	ND	10
2-Naphthylamine	ND	10
Diphenylamine	ND	10
1,2-Diphenylhydrazine	ND	10
Phenacetin	ND	10
4-Aminobiphenyl	ND	10
Pronamide	ND	10

Semi-Volatile Organics
NET Method 8270
(Aqueous)

Client Name: DOE-NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: MB483

Parameter	Analytical Results ug/L	Reporting Limit ug/L
p-Dimethylaminoazobenzene	ND	10
7,12-Dimethylbenz(a)anthr	ND	10
3-Methylcholanthrene	ND	50

Surrogates	Spiked	Found	% Recovery	Limits
Nitrobenzene-d5	100	70	70	35-114
2-Fluorobiphenyl	100	77	77	43-116
p-Terphenyl-d14	100	76	76	33-141
Phenol-d5	200	64	32	10-94
2-Fluorophenol	200	94	47	21-100
2,4,6-Tribromophenol	200	150	75	10-123

*ND=Compound of interest not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

6-3-91

6-3-91

SEMIVOLATILE ORGANICS

SOIL

Method 8270

Batch No: SS496

Sample Data

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name:	DOE-NORD DOOR	Date Sampled:	5/24/91
Client Sample ID:	GS-1	Date Received:	5/25/91
NET Sample ID:	11019	Date Extracted:	5/30/91
NET Project #:	SS496	Date Analyzed:	5/31/91
% Moisture (Tot.):	10		
Sample Weight (g):	30.36		
Dilution Factor:	1		
Final Extract Volume (ml):	1		

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Phenol	ND	370
bis(2-Chloroethyl) ether	ND	370
2-Chlorophenol	ND	370
1,3-Dichlorobenzene	ND	370
1,4-Dichlorobenzene	ND	370
Benzyl Alcohol	ND	730
1,2-Dichlorobenzene	ND	370
2-Methylphenol	ND	370
bis(2-Chloroisopropyl) ether	ND	370
4-Methylphenol	ND	370
N-Nitroso-Di-N-propylamine	ND	370
Hexachloroethane	ND	370
Nitrobenzene	ND	370
Isophorone	ND	370
2-Nitrophenol	ND	370
2,4-Dimethylphenol	ND	370
Benzoic Acid	ND	1800
bis(2-Chloroethoxy) methane	ND	370
2,4-Dichlorophenol	ND	370
1,2,4-Trichlorobenzene	ND	370
Naphthalene	ND	370
4-Chloroaniline	ND	730
Hexachlorobutadiene	ND	370
4-Chloro-3-methylphenol	ND	730
2-Methylnaphthalene	ND	370
Hexachlorocyclopentadiene	ND	370
2,4,6-Trichlorophenol	ND	370
2,4,5-Trichlorophenol	ND	370
2-Chloronaphthalene	ND	370
2-Nitroaniline	ND	1800
Dimethyl phthalate	ND	370
Acenaphthylene	ND	370
3-Nitroaniline	ND	1800
Acenaphthene	ND	370
2,4-Dinitrophenol	ND	1800
4-Nitrophenol	ND	1800
Dibenzofuran	ND	370
2,4-Dinitrotoluene	ND	370
2,6-Dinitrotoluene	ND	370
Diethylphthalate	ND	370

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: DOE-NORD DOOR
Client Sample ID: GS-1
NET Sample ID: 11019

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
4-Chlorophenyl phenyl ether	ND	370
Fluorene	ND	370
4-Nitroaniline	ND	1800
4,6-Dinitro-2-methylphenol	ND	1800
N-Nitrosodiphenylamine	ND	370
4-Bromophenyl phenyl ether	ND	370
Hexachlorobenzene	ND	370
Pentachlorophenol	ND	1800
Phenanthrene	ND	370
Anthracene	ND	370
Di-n-butylphthalate	ND	370
Fluoranthene	ND	370
Pyrene	ND	370
Butyl benzyl phthalate	ND	370
3,3'-Dichlorobenzidine	ND	730
Benzo(a)anthracene	ND	370
bis(2-ethylhexyl)phthalate	ND	370
Chrysene	ND	370
Di-n-octyl phthalate	ND	370
Benzo(b)fluoranthene	ND	370
Benzo(k)fluoranthene	ND	370
Benzo(a)pyrene	ND	370
Indeno(1,2,3-cd)pyrene	ND	370
Dibenz(a,h)anthracene	ND	370
Benzo(g,h,i)perylene	ND	370
2-Picoline	ND	370
Methyl methanesulfonate	ND	370
Ethyl methanesulfonate	ND	370
Acetophenone	ND	370
N-Nitrosopiperidine	ND	370
Dimethylphenethylamine	ND	370
2,6-Dichlorophenol	ND	370
N-Nitrosodibutylamine	ND	370
1,2,4,5-Tetrachlorobenzene	ND	370
1-Chloronaphthalene	ND	370
Pentachlorobenzene	ND	370
1-Naphthylamine	ND	370
2-Naphthylamine	ND	370
Diphenylamine	ND	370
1,2-Diphenylhydrazine	ND	370
Phenacetin	ND	370
4-Aminobiphenyl	ND	370
Pronamide	ND	370

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: DOE-NORD DOOR
Client Sample ID: GS-1
NET Sample ID: 11019

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
p-Dimethylaminoazobenzene	ND	370
7,12-Dimethylbenz(a)anthr	ND	370
3-Methylcholanthrene	ND	1800

Surrogates	Spiked	Found	% Recovery	Limits
Nitrobenzene-d5	3700	3000	81	35-114
2-Fluorobiphenyl	3700	2400	66	43-116
p-Terphenyl-d14	3700	2700	74	33-141
Phenol-d5	7300	5400	74	10-94
2-Fluorophenol	7300	5200	71	21-100
2,4,6-Tribromophenol	7300	6300	86	10-123

*ND=Compound of interest not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by _____ Released by _____

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name:	DOE-NORD DOOR	Date Sampled:	5/24/91
Client Sample ID:	GS-2	Date Received:	5/25/91
NET Sample ID:	11020	Date Extracted:	5/30/91
NET Project #:	SS496	Date Analyzed:	5/31/91
% Moisture (Tot.):	17		
Sample Weight (g):	29.95		
Dilution Factor:	1		
Final Extract Volume (ml):	1		

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Phenol	ND	400
bis(2-Chloroethyl) ether	ND	400
2-Chlorophenol	ND	400
1,3-Dichlorobenzene	ND	400
1,4-Dichlorobenzene	ND	400
Benzyl Alcohol	ND	800
1,2-Dichlorobenzene	ND	400
2-Methylphenol	ND	400
bis(2-Chloroisopropyl) ether	ND	400
4-Methylphenol	ND	400
N-Nitroso-Di-N-propylamine	ND	400
Hexachloroethane	ND	400
Nitrobenzene	ND	400
Isophorone	ND	400
2-Nitrophenol	ND	400
2,4-Dimethylphenol	ND	400
Benzoic Acid	ND	2000
bis(2-Chloroethoxy) methane	ND	400
2,4-Dichlorophenol	ND	400
1,2,4-Trichlorobenzene	ND	400
Naphthalene	ND	400
4-Chloroaniline	ND	800
Hexachlorobutadiene	ND	400
4-Chloro-3-methylphenol	ND	800
2-Methylnaphthalene	ND	400
Hexachlorocyclopentadiene	ND	400
2,4,6-Trichlorophenol	ND	400
2,4,5-Trichlorophenol	ND	400
2-Chloronaphthalene	ND	400
2-Nitroaniline	ND	2000
Dimethyl phthalate	ND	400
Acenaphthylene	ND	400
3-Nitroaniline	ND	2000
Acenaphthene	ND	400
2,4-Dinitrophenol	ND	2000
4-Nitrophenol	ND	2000
Dibenzofuran	ND	400
2,4-Dinitrotoluene	ND	400
2,6-Dinitrotoluene	ND	400
Diethylphthalate	ND	400

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: DOE-NORD DOOR
Client Sample ID: GS-2
NET Sample ID: 11020

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
4-Chlorophenyl phenyl ether	ND	400
Fluorene	ND	400
4-Nitroaniline	ND	2000
4,6-Dinitro-2-methylphenol	ND	2000
N-Nitrosodiphenylamine	ND	400
4-Bromophenyl phenyl ether	ND	400
Hexachlorobenzene	ND	400
Pentachlorophenol	ND	2000
Phenanthrene	ND	400
Anthracene	ND	400
Di-n-butylphthalate	ND	400
Fluoranthene	ND	400
Pyrene	ND	400
Butyl benzyl phthalate	ND	400
3,3'-Dichlorobenzidine	ND	800
Benzo(a)anthracene	ND	400
bis(2-ethylhexyl)phthalate	ND	400
Chrysene	ND	400
Di-n-octyl phthalate	ND	400
Benzo(b)fluoranthene	ND	400
Benzo(k)fluoranthene	ND	400
Benzo(a)pyrene	ND	400
Indeno(1,2,3-cd)pyrene	ND	400
Dibenz(a,h)anthracene	ND	400
Benzo(g,h,i)perylene	ND	400
2-Picoline	ND	400
Methyl methanesulfonate	ND	400
Ethyl methanesulfonate	ND	400
Acetophenone	ND	400
N-Nitrosopiperidine	ND	400
Dimethylphenethylamine	ND	400
2,6-Dichlorophenol	ND	400
N-Nitrosodibutylamine	ND	400
1,2,4,5-Tetrachlorobenzene	ND	400
1-Chloronaphthalene	ND	400
Pentachlorobenzene	ND	400
1-Naphthylamine	ND	400
2-Naphthylamine	ND	400
Diphenylamine	ND	400
1,2-Diphenylhydrazine	ND	400
Phenacetin	ND	400
4-Aminobiphenyl	ND	400
Pronamide	ND	400

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: DOE-NORD DOOR
Client Sample ID: GS-2
NET Sample ID: 11020

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
p-Dimethylaminoazobenzene	ND	400
7,12-Dimethylbenz(a)anthr	ND	400
3-Methylcholanthrene	ND	2000

Surrogates	Spiked	Found	% Recovery	Limits
Nitrobenzene-d5	4000	3200	79	35-114
2-Fluorobiphenyl	4000	2600	65	43-116
p-Terphenyl-d14	4000	3200	80	33-141
Phenol-d5	8000	5800	72	10-94
2-Fluorophenol	8000	5800	72	21-100
2,4,6-Tribromophenol	8000	6500	80	10-123

*ND=Compound of interest not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by _____ Released by _____

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name:	DOE-NORD DOOR	Date Sampled:	5/24/91
Client Sample ID:	GS-4	Date Received:	5/25/91
NET Sample ID:	11021	Date Extracted:	5/30/91
NET Project #:	SS496	Date Analyzed:	5/31/91
% Moisture (Tot.):	10		
Sample Weight (g):	30.30		
Dilution Factor:	1		
Final Extract Volume (ml):	1		

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Phenol	ND	370
bis(2-Chloroethyl) ether	ND	370
2-Chlorophenol	ND	370
1,3-Dichlorobenzene	ND	370
1,4-Dichlorobenzene	ND	370
Benzyl Alcohol	ND	730
1,2-Dichlorobenzene	ND	370
2-Methylphenol	ND	370
bis(2-Chloroisopropyl) ether	ND	370
4-Methylphenol	ND	370
N-Nitroso-Di-N-propylamine	ND	370
Hexachloroethane	ND	370
Nitrobenzene	ND	370
Isophorone	ND	370
2-Nitrophenol	ND	370
2,4-Dimethylphenol	ND	370
Benzoic Acid	ND	1800
bis(2-Chloroethoxy) methane	ND	370
2,4-Dichlorophenol	ND	370
1,2,4-Trichlorobenzene	ND	370
Naphthalene	ND	370
4-Chloroaniline	ND	730
Hexachlorobutadiene	ND	370
4-Chloro-3-methylphenol	ND	730
2-Methylnaphthalene	ND	370
Hexachlorocyclopentadiene	ND	370
2,4,6-Trichlorophenol	ND	370
2,4,5-Trichlorophenol	ND	370
2-Chloronaphthalene	ND	370
2-Nitroaniline	ND	1800
Dimethyl phthalate	ND	370
Acenaphthylene	ND	370
3-Nitroaniline	ND	1800
Acenaphthene	ND	370
2,4-Dinitrophenol	ND	1800
4-Nitrophenol	ND	1800
Dibenzofuran	ND	370
2,4-Dinitrotoluene	ND	370
2,6-Dinitrotoluene	ND	370
Diethylphthalate	ND	370

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: DOE-NORD DOOR
Client Sample ID: GS-4
NET Sample ID: 11021

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
4-Chlorophenyl phenyl ether	ND	370
Fluorene	ND	370
4-Nitroaniline	ND	1800
4,6-Dinitro-2-methylphenol	ND	1800
N-Nitrosodiphenylamine	ND	370
4-Bromophenyl phenyl ether	ND	370
Hexachlorobenzene	ND	370
Pentachlorophenol	ND	1800
Phenanthrene	ND	370
Anthracene	ND	370
Di-n-butylphthalate	ND	370
Fluoranthene	ND	370
Pyrene	ND	370
Butyl benzyl phthalate	ND	370
3,3'-Dichlorobenzidine	ND	730
Benzo(a)anthracene	ND	370
bis(2-ethylhexyl)phthalate	ND	370
Chrysene	ND	370
Di-n-octyl phthalate	ND	370
Benzo(b)fluoranthene	ND	370
Benzo(k)fluoranthene	ND	370
Benzo(a)pyrene	ND	370
Indeno(1,2,3-cd)pyrene	ND	370
Dibenz(a,h)anthracene	ND	370
Benzo(g,h,i)perylene	ND	370
2-Picoline	ND	370
Methyl methanesulfonate	ND	370
Ethyl methanesulfonate	ND	370
Acetophenone	ND	370
N-Nitrosopiperidine	ND	370
Dimethylphenethylamine	ND	370
2,6-Dichlorophenol	ND	370
N-Nitrosodibutylamine	ND	370
1,2,4,5-Tetrachlorobenzene	ND	370
1-Chloronaphthalene	ND	370
Pentachlorobenzene	ND	370
1-Naphthylamine	ND	370
2-Naphthylamine	ND	370
Diphenylamine	ND	370
1,2-Diphenylhydrazine	ND	370
Phenacetin	ND	370
4-Aminobiphenyl	ND	370
Pronamide	ND	370

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: DOE-NORD DOOR
Client Sample ID: GS-4
NET Sample ID: 11021

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
p-Dimethylaminoazobenzene	ND	370
7,12-Dimethylbenz(a)anthr	ND	370
3-Methylcholanthrene	ND	1800

Surrogates	Spiked	Found	% Recovery	Limits
Nitrobenzene-d5	3700	2700	75	35-114
2-Fluorobiphenyl	3700	2400	65	43-116
p-Terphenyl-d14	3700	2700	73	33-141
Phenol-d5	7300	6100	83	10-94
2-Fluorophenol	7300	6100	83	21-100
2,4,6-Tribromophenol	7300	6200	85	10-123

*ND=Compound of interest not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by _____ Released by _____

SEMIVOLATILE ORGANICS

SOIL

Method 8270

Batch No: SS496

Method Blank Data

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: DOE-NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: MB496
NET Project #: SS496
% Moisture (Tot.): NA
Sample Weight (g): 30.14
Dilution Factor: 1
Final Extract Volume (ml): 1

Date Sampled: NA
Date Received: NA
Date Extracted: 5/30/91
Date Analyzed: 5/31/91

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl Alcohol	ND	660
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-Di-N-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	330
2,4-Dimethylphenol	ND	330
Benzoic Acid	ND	1700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	660
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	660
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	330
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1700
Dimethyl phthalate	ND	330
Acenaphthylene	ND	330
3-Nitroaniline	ND	1700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1700
4-Nitrophenol	ND	1700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
2,6-Dinitrotoluene	ND	330
Diethylphthalate	ND	330

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: DOE-NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: MB496

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
4-Chlorophenyl phenyl ether	ND	330
Fluorene	ND	330
4-Nitroaniline	ND	1700
4,6-Dinitro-2-methylphenol	ND	1700
N-Nitrosodiphenylamine	ND	330
4-Bromophenyl phenyl ether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330
Pyrene	ND	330
Butyl benzyl phthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	ND	330
bis(2-ethylhexyl)phthalate	ND	330
Chrysene	ND	330
Di-n-octyl phthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330
2-Picoline	ND	330
Methyl methanesulfonate	ND	330
Ethyl methanesulfonate	ND	330
Acetophenone	ND	330
N-Nitrosopiperidine	ND	330
Dimethylphenethylamine	ND	330
2,6-Dichlorophenol	ND	330
N-Nitrosodibutylamine	ND	330
1,2,4,5-Tetrachlorobenzene	ND	330
1-Chloronaphthalene	ND	330
Pentachlorobenzene	ND	330
1-Naphthylamine	ND	330
2-Naphthylamine	ND	330
Diphenylamine	ND	330
1,2-Diphenylhydrazine	ND	330
Phenacetin	ND	330
4-Aminobiphenyl	ND	330
Pronamide	ND	330

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: DOE-NORD DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: MB496

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
p-Dimethylaminoazobenzene	ND	330
7,12-Dimethylbenz(a)anthr	ND	330
3-Methylcholanthrene	ND	1700

Surrogates	Spiked	Found	% Recovery	Limits
Nitrobenzene-d5	3300	2500	75	35-114
2-Fluorobiphenyl	3300	2100	64	43-116
p-Terphenyl-d14	3300	2600	78	33-141
Phenol-d5	6600	4600	70	10-94
2-Fluorophenol	6600	4700	70	21-100
2,4,6-Tribromophenol	6600	5200	78	10-123

*ND=Compound of interest not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by _____ Released by _____

SEMIVOLATILE ORGANICS

SOIL

Method 8270

Batch No: SS496

QC Data

NATIONAL ENVIRONMENTAL TESTING- SAN DIEGO

QUALITY CONTROL REPORT

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Semi-volatile Organics
NET Method 8270
(Solid)

Client Name: DOE-NORD DOOR
NET Project: SS496

NET Sample ID: 11019
Client Sample ID: GS-1

PARAMETERS	CONC. SPIKE ADDED(ug/ml	SAMPLE RESULT	CONC. MS	% RECOVERY	CONC. MSD	% RECOVERY	% RPD	CONTROL LIMITS RPD	CONTROL LIMITS RECOVERY
Phenol	200.0	0.0	103.7	52%	100.8	50%	3%	35	26-90
2-Chlorophenol	200.0	0.0	98.1	49%	98.8	49%	1%	50	25-102
1,4-Dichlorobenzene	100.0	0.0	59.8	60%	58.8	59%	2%	27	28-104
N-Nitroso-di-n-prop	100.0	0.0	82.9	83%	78.7	79%	5%	38	41-126
1,2,4-Trichlorobenz	100.0	0.0	78.1	78%	73.8	74%	6%	23	38-107
4-Chloro-3-methylph	200.0	0.0	148.5	74%	135.5	68%	9%	33	26-103
Acenaphthene	100.0	0.0	58.0	58%	59.0	59%	2%	19	31-137
4-Nitrophenol	200.0	0.0	119.1	60%	119.5	60%	0%	50	11-114
2,4-Dinitrotoluene	100.0	0.0	70.1	70%	70.9	71%	1%	47	28-89
Pentachlorophenol	200.0	0.0	184.2	92%	169.8	85%	8%	47	17-109
Pyrene	100.0	0.0	79.1	79%	69.9	70%	12%	36	35-142

Release Authorized by: SW 6-4-91

The accompanying narrative is an integral part of this report.

SEMIVOLATILE ORGANICS

SOIL

Method 8270

Batch No: SS498

Sample Data

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name:	NORD-DOOR	Date Sampled:	5/30/91
Client Sample ID:	SS-1	Date Received:	5/31/91
NET Sample ID:	11075	Date Extracted:	6/03/91
NET Project #:	SS498	Date Analyzed:	6/04/91
% Moisture (Tot.):	34		
Sample Weight (g):	30.76		
Dilution Factor:	10		
Final Extract Volume (ml):	1		

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Phenol	ND	4900
bis(2-Chloroethyl) ether	ND	4900
2-Chlorophenol	ND	4900
1,3-Dichlorobenzene	ND	4900
1,4-Dichlorobenzene	ND	4900
Benzyl Alcohol	ND	9900
1,2-Dichlorobenzene	ND	4900
2-Methylphenol	ND	4900
bis(2-Chloroisopropyl) ether	ND	4900
4-Methylphenol	ND	4900
N-Nitroso-Di-N-propylamine	ND	4900
Hexachloroethane	ND	4900
Nitrobenzene	ND	4900
Isophorone	ND	4900
2-Nitrophenol	ND	4900
2,4-Dimethylphenol	ND	4900
Benzoic Acid	ND	25000
bis(2-Chloroethoxy) methane	ND	4900
2,4-Dichlorophenol	ND	4900
1,2,4-Trichlorobenzene	ND	4900
Naphthalene	ND	4900
4-Chloroaniline	ND	9900
Hexachlorobutadiene	ND	4900
4-Chloro-3-methylphenol	ND	9900
2-Methylnaphthalene	ND	4900
Hexachlorocyclopentadiene	ND	4900
2,4,6-Trichlorophenol	ND	4900
2,4,5-Trichlorophenol	ND	4900
2-Chloronaphthalene	ND	4900
2-Nitroaniline	ND	25000
Dimethyl phthalate	ND	4900
Acenaphthylene	ND	4900
3-Nitroaniline	ND	25000
Acenaphthene	ND	4900
2,4-Dinitrophenol	ND	25000
4-Nitrophenol	ND	25000
Dibenzofuran	ND	4900
2,4-Dinitrotoluene	ND	4900
2,6-Dinitrotoluene	ND	4900
Diethylphthalate	ND	4900

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: NORD-DOOR
Client Sample ID: SS-1
NET Sample ID: 11075

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
4-Chlorophenyl phenyl ether	ND	4900
Fluorene	ND	4900
4-Nitroaniline	ND	25000
4,6-Dinitro-2-methylphenol	ND	25000
N-Nitrosodiphenylamine	ND	4900
4-Bromophenyl phenyl ether	ND	4900
Hexachlorobenzene	ND	4900
Pentachlorophenol	ND	25000
Phenanthrene	ND	4900
Anthracene	ND	4900
Di-n-butylphthalate	ND	4900
Fluoranthene	ND	4900
Pyrene	ND	4900
Butyl benzyl phthalate	ND	4900
3,3'-Dichlorobenzidine	ND	9900
Benzo(a)anthracene	ND	4900
bis(2-ethylhexyl)phthalate	ND	4900
Chrysene	ND	4900
Di-n-octyl phthalate	ND	4900
Benzo(b)fluoranthene	ND	4900
Benzo(k)fluoranthene	ND	4900
Benzo(a)pyrene	ND	4900
Indeno(1,2,3-cd)pyrene	ND	4900
Dibenz(a,h)anthracene	ND	4900
Benzo(g,h,i)perylene	ND	4900
2-Picoline	ND	4900
Methyl methanesulfonate	ND	4900
Ethyl methanesulfonate	ND	4900
Acetophenone	ND	4900
N-Nitrosopiperidine	ND	4900
Dimethylphenethylamine	ND	4900
2,6-Dichlorophenol	ND	4900
N-Nitrosodibutylamine	ND	4900
1,2,4,5-Tetrachlorobenzene	ND	4900
1-Chloronaphthalene	ND	4900
Pentachlorobenzene	ND	4900
1-Naphthylamine	ND	4900
2-Naphthylamine	ND	4900
Diphenylamine	ND	4900
1,2-Diphenylhydrazine	ND	4900
Phenacetin	ND	4900
4-Aminobiphenyl	ND	4900
Pronamide	ND	4900

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: NORD-DOOR
Client Sample ID: SS-1
NET Sample ID: 11075

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
p-Dimethylaminoazobenzene	ND	4900
7,12-Dimethylbenz(a)anthr	ND	4900
3-Methylcholanthrene	ND	25000

Surrogates	Spiked	Found	% Recovery ⊗	Limits
Nitrobenzene-d5	4900	ND	0	35-114
2-Fluorobiphenyl	4900	600	12	43-116
p-Terphenyl-d14	4900	640	13	33-141
Phenol-d5	9900	720	7	10-94
2-Fluorophenol	9900	980	10	21-100
2,4,6-Tribromophenol	9900	ND	0	10-123

*ND=Compound of interest not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

⊗ SAMPLE DILUTION 1/10, SURROGATES BELOW RECOMMENDED LIMITS.

Prepared by H. BIESIADA

Released by Sally C. R
6-12-91

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: NORD-DOOR
Client Sample ID: SS-2
NET Sample ID: 11076

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
4-Chlorophenyl phenyl ether	ND	2700
Fluorene	ND	2700
4-Nitroaniline	ND	14000
4,6-Dinitro-2-methylphenol	ND	14000
N-Nitrosodiphenylamine	ND	2700
4-Bromophenyl phenyl ether	ND	2700
Hexachlorobenzene	ND	2700
Pentachlorophenol	ND	14000
Phenanthrene	ND	2700
Anthracene	ND	2700
Di-n-butylphthalate	ND	2700
Fluoranthene	ND	2700
Pyrene	ND	2700
Butyl benzyl phthalate	ND	2700
3,3'-Dichlorobenzidine	ND	5400
Benzo(a)anthracene	ND	2700
bis(2-ethylhexyl)phthalate	ND	2700
Chrysene	ND	2700
Di-n-octyl phthalate	ND	2700
Benzo(b)fluoranthene	ND	2700
Benzo(k)fluoranthene	ND	2700
Benzo(a)pyrene	ND	2700
Indeno(1,2,3-cd)pyrene	ND	2700
Dibenz(a,h)anthracene	ND	2700
Benzo(g,h,i)perylene	ND	2700
2-Picoline	ND	2700
Methyl methanesulfonate	ND	2700
Ethyl methanesulfonate	ND	2700
Acetophenone	ND	2700
N-Nitrosopiperidine	ND	2700
Dimethylphenethylamine	ND	2700
2,6-Dichlorophenol	ND	2700
N-Nitrosodibutylamine	ND	2700
1,2,4,5-Tetrachlorobenzene	ND	2700
1-Chloronaphthalene	ND	2700
Pentachlorobenzene	ND	2700
1-Naphthylamine	ND	2700
2-Naphthylamine	ND	2700
Diphenylamine	ND	2700
1,2-Diphenylhydrazine	ND	2700
Phenacetin	ND	2700
4-Aminobiphenyl	ND	2700
Pronamide	ND	2700

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: NORD-DOOR
Client Sample ID: SS-2
NET Sample ID: 11076

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
p-Dimethylaminoazobenzene	ND	2700
7,12-Dimethylbenz(a)anthr	ND	2700
3-Methylcholanthrene	ND	14000

Surrogates	Spiked	Found	% Recovery	Limits
Nitrobenzene-d5	5400	1800	33	35-114
2-Fluorobiphenyl	5400	2700	49	43-116
p-Terphenyl-d14	5400	2500	46	33-141
Phenol-d5	11000	3600	33	10-94
2-Fluorophenol	11000	3600	33	21-100
2,4,6-Tribromophenol	11000	5300	48	10-123

*ND=Compound of interest not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by H. BIESIADA

Released by

6-12-91

SEMIVOLATILE ORGANICS

SOIL

Method 8270

Batch No: SS498

Method Blank Data

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name:	NORD-DOOR	Date Sampled:	NA
Client Sample ID:	METHOD BLANK	Date Received:	NA
NET Sample ID:	MB498	Date Extracted:	6/03/91
NET Project #:	SS498	Date Analyzed:	6/04/91
% Moisture (Tot.):	0		
Sample Weight (g):	29.96		
Dilution Factor:	1		
Final Extract Volume (ml):	1		

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
Phenol	ND	330
bis(2-Chloroethyl) ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl Alcohol	ND	670
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-Di-N-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	330
2,4-Dimethylphenol	ND	330
Benzoic Acid	ND	1700
bis(2-Chloroethoxy) methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	330
4-Chloroaniline	ND	670
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	670
2-Methylnaphthalene	ND	330
Hexachlorocyclopentadiene	ND	330
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	1700
Dimethyl phthalate	ND	330
Acenaphthylene	ND	330
3-Nitroaniline	ND	1700
Acenaphthene	ND	330
2,4-Dinitrophenol	ND	1700
4-Nitrophenol	ND	1700
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
2,6-Dinitrotoluene	ND	330
Diethylphthalate	ND	330

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: NORD-DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: MB498

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
4-Chlorophenyl phenyl ether	ND	330
Fluorene	ND	330
4-Nitroaniline	ND	1700
4,6-Dinitro-2-methylphenol	ND	1700
N-Nitrosodiphenylamine	ND	330
4-Bromophenyl phenyl ether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	1700
Phenanthrene	ND	330
Anthracene	ND	330
Di-n-butylphthalate	ND	330
Fluoranthene	ND	330
Pyrene	ND	330
Butyl benzyl phthalate	ND	330
3,3'-Dichlorobenzidine	ND	670
Benzo(a)anthracene	ND	330
bis(2-ethylhexyl)phthalate	ND	330
Chrysene	ND	330
Di-n-octyl phthalate	ND	330
Benzo(b)fluoranthene	ND	330
Benzo(k)fluoranthene	ND	330
Benzo(a)pyrene	ND	330
Indeno(1,2,3-cd)pyrene	ND	330
Dibenz(a,h)anthracene	ND	330
Benzo(g,h,i)perylene	ND	330
2-Picoline	ND	330
Methyl methanesulfonate	ND	330
Ethyl methanesulfonate	ND	330
Acetophenone	ND	330
N-Nitrosopiperidine	ND	330
Dimethylphenethylamine	ND	330
2,6-Dichlorophenol	ND	330
N-Nitrosodibutylamine	ND	330
1,2,4,5-Tetrachlorobenzene	ND	330
1-Chloronaphthalene	ND	330
Pentachlorobenzene	ND	330
1-Naphthylamine	ND	330
2-Naphthylamine	ND	330
Diphenylamine	ND	330
1,2-Diphenylhydrazine	ND	330
Phenacetin	ND	330
4-Aminobiphenyl	ND	330
Pronamide	ND	330

Semi-Volatile Organics
NET Method 8270
(Solid)

Client Name: NORD-DOOR
Client Sample ID: METHOD BLANK
NET Sample ID: MB498

Parameter	Analytical Results ug/Kg-dry	Reporting Limit ug/Kg-dry
p-Dimethylaminoazobenzene	ND	330
7,12-Dimethylbenz(a)anthr	ND	330
3-Methylcholanthrene	ND	1700

Surrogates	Spiked	Found	% Recovery	Limits
Nitrobenzene-d5	3300	2000	59	35-114
2-Fluorobiphenyl	3300	2000	61	43-116
p-Terphenyl-d14	3300	2600	78	33-141
Phenol-d5	6700	4000	60	10-94
2-Fluorophenol	6700	4400	66	21-100
2,4,6-Tribromophenol	6700	5100	76	10-123

*ND=Compound of interest not detected in sample.
**J=Value is an estimate because it is less than the method quantitation reporting limit.

Prepared by H. BIESIADA

Released by [signature]
6-12-91

DIESEL

SOIL/AQUEOUS

Method 8015

Batch No: FS494

Sample Data

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO. 11019

Client Sample ID: GS-1

Project Name: NOORDOOR

File: Q02U19

BatchNo: FS494

Project No:

Matrix: SOIL

Date Sampled: 05/24/91

Sample wt/vol: 11.5 (g/mL) G

Date Received: 05/25/91

Final vol (mL): 10

Date Extracted: 05/30/91

% Dry: 90.0%

Date Analyzed (P): 06/03/91

Dilution Factor: 1

Date Analyzed (S):

CAS NUMBER	COMPOUND NAME	UNITS ug/Kg	Q
	DIESEL	19000.00	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DNOP	100	164	20- 150	160	*

FORM I 1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO. 11020

Client Sample ID: GS-2

Project Name: NOORDOOR

File: G02U20

BatchNo: FS494

Project No:

Matrix: SOIL

Date Sampled: 05/24/91

Sample wt/vol: 10.3 (g/mL) G

Date Received: 05/25/91

Final vol (mL): 10

Date Extracted: 05/30/91

% Dry: 83.4%

Date Analyzed (P): 06/03/91

Dilution Factor: 1

Date Analyzed (S):

CAS NUMBER	COMPOUND NAME	UNITS ug/Kg	Q
	DIESEL	23000.00	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DNOP	100	142	20- 150	140	

FORM I 1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO. 11021

Client Sample ID: GS-4

Project Name: NOORDOOR

File: G02U21

BatchNo: FS494

Project No:

Matrix: SOIL

Date Sampled: 05/24/91

Sample wt/vol: 10.2 (g/mL) G

Date Received: 05/25/91

Final vol (mL): 10

Date Extracted: 05/30/91

% Dry: 89.8%

Date Analyzed (P): 06/03/91

Dilution Factor: 1

Date Analyzed (S):

CAS NUMBER	COMPOUND NAME	UNITS ug/Kg	Q
	DIESEL	22000.00	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DNOP	100	205	20- 150	200	*

FORM I 1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO. 11022

Client Sample ID: LAB CONTROL SPIKE

Project Name: NOORDOOR

File: Q02U9

BatchNo: FS494

Project No: EW

Matrix: WATER

Date Sampled: 05/24/91

Sample wt/vol: 30 (g/mL) ML

Date Received: 05/25/91

Final vol (mL): 3

Date Extracted: 05/31/91

Date Analyzed (P): 06/03/91

Dilution Factor: 1

Date Analyzed (S):

CAS NUMBER	COMPOUND NAME	UNITS ug/L	Q
	DIESEL	2000.00	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DNOP	100	135	20- 150	140	

FORM I 1/87 Mod.

DIESEL

SOIL/AQUEOUS

Method 8015

Batch No: FS494

Method Blank Data

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO.
MB494

Client Sample ID:

Project Name: NOORDOOR

File: Q02U17

BatchNo: FS494

Project No:

Matrix: SOIL

Date Sampled: 05/24/91

Sample wt/vol: 10.2 (g/mL) G

Date Received: 05/25/91

Final vol (mL): 10

Date Extracted: 05/30/91

% Dry: 100%

Date Analyzed (P): 06/03/91

Dilution Factor: 1

Date Analyzed (S):

CAS NUMBER	COMPOUND NAME	UNITS ug/Kg	Q
	DIESEL	20000.00	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DNOP	100	148	20- 150	150	

FORM I 1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO.
MB489

Client Sample ID: METHOD BLANK

Project Name: NOORDOOR

File: Q02U7

BatchNo: FS494

Project No:

Matrix: WATER

Date Sampled: 05/24/91

Sample wt/vol: 30 (g/mL) ML

Date Received: 05/25/91

Final vol (mL): 3ML

Date Extracted: 05/31/91

Date Analyzed (P): 06/03/91

Dilution Factor: 1

Date Analyzed (S):

CAS NUMBER	COMPOUND NAME	UNITS ug/L	Q
	DIESEL	2000.00	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DNOP	100	139	20- 150	140	

FORM I

1/87 Mod.

NET PACIFIC INC., SAN DIEGO DIVISION
ENVIRONMENTAL T.C

QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

FUEL HYDROCARBONS
Method 3015 Mod
(Solid)

Client Name: DOE

NET Sample ID: 11019
Client Sample ID: GS-1

PARAMETERS	CONC. SPIKE ADDED(ug/Kg)	SAMPLE RESULT	CONC. MS	% RECOVERY	CONC. SPIKE ADDED(ug/Kg)	CONC. MSD	% RECOVERY	RPD	CONTROL LIMITS RECOVERY
DIESEL	220.00	0.0	300.00	136%	220.00	330.00	150%	10%	20-150

COMMENTS:

Prepared by: [signature]

Release Authorized by: [signature]

The accompanying narrative is an integral part of this report.

DIESEL

SOIL/AQUEOUS

Method 8015

Batch No: FS494

QC Data

Client Name--------:DOE

NET Sample ID:----:11019
Client Sample ID:-:SS-1
Matrix: SOLID

SOLID SAMPLE INFO	NON SPIKED SAMPLE	MAT SPK SAMPLE	MS DUP SAMPLE
SAMPLE WGHT(g)------>	11.5	10.3	10.2
% DRY--------------->	90.0	90.0	90.0
SPLITS (ML)--------->	10.0	10.0	10.0
DILUTION------------>	1.0	1.0	1.0

SPIKED COMPOUNDS	SPIKED STD CONC(UG/ML)	VOLUME SPIKED(ML)
DIESEL---------->	4,100.0	0.50

COMPOUNDS	SAMPLE RESULTS (UG/ML)	MAT SPK SAMPLE (UG/ML)	MS DUP SAMPLE (UG/ML)
DIESEL---------->	0.00	286.00	309.00

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO.
11019MS

Client Sample ID: GS-1

Project Name: NOORDOOR

File: Q02U22

BatchNo: FS494

Project No:

Matrix: SOIL

Date Sampled: 05/24/91

Sample wt/vol: 10.6 (g/mL) G

Date Received: 05/25/91

Final vol (mL): 10

Date Extracted: 05/30/91

% Dry: 90.0%

Date Analyzed (P): 06/03/91

Dilution Factor: 1

Date Analyzed (S):

CAS NUMBER	COMPOUND NAME	UNITS ug/Kg	Q
	DIESEL	300000.00	

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DNOP	100	134	20- 150	130	

FORM I

1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO.
11019MSD

Client Sample ID: GS-1

Project Name: NOORDOOR

File: G02U23

BatchNo: FS494

Project No:

Matrix: SOIL

Date Sampled: 05/24/91

Sample wt/vol: 10.5 (g/mL) G

Date Received: 05/25/91

Final vol (mL): 10

Date Extracted: 05/30/91

% Dry: 90.0%

Date Analyzed (P): 06/03/91

Dilution Factor: 1

Date Analyzed (S):

CAS NUMBER	COMPOUND NAME	UNITS ug/Kg	Q
	DIESEL	330000.00	

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DNOP	100	135	20- 150	140	

FORM I 1/87 Mod.

DIESEL

SOIL

Method 8015

Batch No: FS516

Sample Data

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO. 11075

Client Sample ID: SS-1

Project Name. DOE/NOOR DOOR

File: Q12U24

CatchNo: FS516

Project No: N/A

Matrix: SOIL

Date Sampled: 05/30/91

Sample wt/vol: 10.8 (g/mL) G

Date Received: 05/31/91

Final vol (mL): 10ML

Date Extracted: 06/12/91

% Dry: 66.0%

Date Analyzed (P): 06/14/91

Dilution Factor: 1

Date Analyzed (S): 06/14/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	GASOLINE	10.0	U
	DIESEL	10.0	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DI-N-OCTYLPHTHALATE	100	34.3	20- 150	34.0	

FORM I 1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO.
11076

Client Sample ID: SS-2

Project Name: DOE/NOOR DOOR

File: Q12U23

BatchNo: FS513

Project No: N/A

Matrix: SOIL

Sample wt/vol: 10.3 (g/mL) G

Date Sampled: 05/30/91

Date Received: 05/31/91

Final Vol (mL): 10ML

Date Extracted: 06/12/91

% Dry: 60.0%

Date Analyzed (P): 06/14/91

Dilution Factor: 1

Date Analyzed (S): 06/14/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	GASOLINE	10.0	U
	DIESEL	10.0	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DI-N-OCTYLPHTHALATE	100	91.1	20- 150	91.0	

FORM I 1/87 Mod.

DIESEL

SOIL

Method 8015

Batch No: FS516

Method Blank Data

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO.

MB516

Client Sample ID: METHOD BLANK

Project Name: BOE/MOOR DOOR

File: 91L021

BatchNo: PB516

Project No: N/A

Matrix: SOIL

Date Sampled: N/A

Sample wt/vol: 10.0 (g/mL) G

Date Received: N/A

Final vol (mL): 10ML

Date Extracted: 06/12/91

% Dry: 100%

Date Analyzed (P): 06/14/91

Dilution Factor: 1

Date Analyzed (S): 06/14/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	GASOLINE	10.0	U
	DIESEL	10.0	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DI-N-OCTYLPHTHALATE	100	100	20- 150	100	

FORM I 1/87 Mod.

DIESEL

SOIL

Method 8015

Batch No: FS516

QC Data

NET PACIFIC INC., SAN DIEGO DIVISION
ENVIRONMENTAL CHEMISTRY

QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

FUEL HYDROCARBONS
Method 8015 Mod
(Solid)

Client Name: DOE/HEGOR DOOR

NET Sample ID: 11131
Client Sample ID: MLV-WS2-1

PARAMETERS	CONC. SPIKE ADDED(MG/KG)	SAMPLE RESULT	CONC. MS	% RECOVERY	CONC. SPIKE ADDED(MG/KG)	CONC. MSD	% RECOVERY	RPD	CONTROL LIMI RECOVE
DIESEL	220.00	0.0	220.00	100%	220.00	210.00	95%	5%	10-150

COMMENTS:

Prepared by: HS

Release Authorized by: JE

The accompanying narrative is an integral part of this report.

Client Name-------- DOE/NOOR DOOR

NET Sample ID:--- [illegible]
Client sample ID:->MW-[illegible]
Matrix: SOIL

SOLID SAMPLE INFO	%DM SPIKED SAMPLE	MAT SPK SAMPLE	MS DUP SAMPLE
SAMPLE WGHT(g)------->	10.4	10.2	10.3
% DRY--------------->	90.8	90.8	90.8
SPLITS (ML)--------->	10.0	10.0	10.0
DILUTION------------>	1.0	1.0	1.0

SPIKED COMPOUNDS	SPIKED STD CONC(UG/ML)	VOLUME SPIKED(ML)
DIESEL---------------->	4,100.0	0.50

COMPOUNDS	SAMPLE RESULTS (MG/KG)	MAT SPK SAMPLE (MG/KG)	MS DUP SAMPLE (MG/KG)
DIESEL---------------->	0.00	200.00	200.00

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO.
11251

Client Sample ID: MW-VO2-1

Project Name: DOE

File: 012D40

BatchNo: F0516

Project No.

Matrix: SOIL

Sample wt/vol: 10.4 (g/mL) G

Final vol (mL): 10ML

% Dry: 90.0%

Dilution Factor: 1

Date Sampled: 06/07/91

Date Received: 06/08/91

Date Extracted: 06/12/91

Date Analyzed (P): 06/16/91

Date Analyzed (S): 06/16/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	GASOLINE	10.0	U
	DIESEL	10.0	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DI-N-OCTYLPHTHALATE	100	47.0	20- 150	47.0	

FORM I 1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO.
11251MS

Client Sample ID: MLV-VS2-1

Project Name: DOE

File: Q12U41

BatchNo. F0516

Project No:

Matrix: SOIL

Date Sampled: 06/07/91

Sample wt/vol: 10.2 (g/mL) G

Date Received: 06/08/91

Final vol (mL): 10ML

Date Extracted: 06/12/91

% Dry: 90.8%

Date Analyzed (P): 06/16/91

Dilution Factor: 1

Date Analyzed (S): 06/16/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	GASOLINE	10.0	U
	DIESEL	200.0	S

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DI-N-OCTYLPHTHALATE	100	71.2	20- 150	71.0	

FORM I 1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8015

NET LIMS NO.
11251MSD

Client Sample ID: MLV-VS2-1

Project Name: SCC

File: Q12U42

BatchNo: FS516

Project No:

Matrix: SOIL

Sample wt/vol: 10.0 (g/mL) G

Date Sampled: 06/07/91

Date Received: 06/08/91

Final vol (mL): 10ML

Date Extracted: 06/12/91

% Dry: 90.8%

Date Analyzed (P): 06/16/91

Dilution Factor: 1

Date Analyzed (S): 06/16/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	GASOLINE	10.0	U
	DIESEL	200.0	S

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
DI-N-OCTYLPHTHALATE	100	69.2	20- 150	69.0	

FORM I

1/87 Mod.

OP PESTICIDES

AQUEOUS

Method 8140

Batch No: OW488

Sample Data

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO. 11022

Client Sample ID: EW

Project Name: NOOR DOOR

File: r17u17

BatchNo: OW488

Project No: N/A

Matrix: WATER

Date Sampled: 05/24/91

Sample wt/vol: 400 (g/mL) ML

Date Received: 05/25/91

Final vol (mL): 10

Date Extracted: 05/31/91

Date Analyzed (P): 06/18/91

Dilution Factor: 1

Date Analyzed (S): 06/18/91

CAS NUMBER	COMPOUND NAME	UNITS mg/L	Q
	DICHLOROVOS	1.20	U
	MEVINPHOS	3.50	U
	DEMETON	2.00	U
	ETHOPROP	2.00	U
	NALED	2.50	U
	PHORATE	5.80	U
	DIAZINON	3.00	U
	DISULFOTON	2.20	U
	RONNEL	2.80	U
	PARATHION METHYL	3.00	U
	CHLOROPYRIFOS	3.20	U
	FENTHION	8.80	U
	TRICHLORONATE	2.20	U
	MERPHOS	2.80	U
	STIROPHOS	6.50	U
	TOKUTHION	3.20	U
	BOLSTAR	3.80	U
	FENSULFOTHION	4.80	U
	AZINPHOS METHYL	9.00	U
	COUMAPHOS	4.20	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	11	20- 150	110	
TRIPHENYL PHOSPHATE	10	16	20- 150	160	*

FORM I 1/87 Mod.

OP PESTICIDES

AQUEOUS

Method 8140

Batch No: OW488

Method Blank Data

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO.
MB488

Client Sample ID: METHOD BLANK

Project Name: NOOR DOOR

File: R17U8

BatchNo: OW488

Project No: N/A

Matrix: WATER

Date Sampled: N/A

Sample wt/vol: 1000 (g/mL) ML

Date Received: N/A

Final vol (mL): 10

Date Extracted: 05/31/91

Date Analyzed (P): 06/18/91

Dilution Factor: 1

Date Analyzed (S): 06/18/91

CAS NUMBER	COMPOUND NAME	UNITS mg/L	Q
	DICHLOROVOS	0.50	U
	MEVINPHOS	1.40	U
	DEMETON	0.80	U
	ETHOPROP	0.80	U
	NALED	1.00	U
	PHORATE	2.30	U
	DIAZINON	1.20	U
	DISULFOTON	0.90	U
	RONNEL	1.10	U
	PARATHION METHYL	1.20	U
	CHLOROPYRIFOS	1.30	U
	FENTHION	3.50	U
	TRICHLORONATE	0.90	U
	MERPHOS	1.10	U
	STIROPHOS	2.60	U
	TOKUTHION	1.30	U
	BOLSTAR	1.50	U
	FENSULFOTHION	1.90	U
	AZINPHOS METHYL	3.60	U
	COUMAPHOS	1.70	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	9	20- 150	87	
TRIPHENYL PHOSPHATE	10	3	20- 150	32	

FORM I

1/87 Mod.

OP PESTICIDES

SOIL

Method 8140

Batch No: OS493

Sample Data

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO. 11019

Client Samole ID: GS-1

Project Name: NOOR DOOR

File: R17U20

BatchNo: 0S493

Project No: N/A

Matrix: SOIL

Date Sampled: 05/24/91

Sample wt/vol: 30.35 (g/mL) G

Date Received: 05/25/91

Final vol (mL): 10

Date Extracted: 05/31/91

% Dry: 90.01

Date Analyzed (P): 06/18/91

Dilution Factor: 1

Date Analyzed (S): 06/18/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	DICHLOROVOS	0.11	U
	MEVINPHOS	0.11	U
	DEMETON	0.11	U
	ETHOPROP	0.11	U
	NALED	0.11	U
	PHORATE	0.11	U
	DIAZINON	0.11	U
	DISULFOTON	0.11	U
	RONNEL	0.11	U
	PARATHION METHYL	0.11	U
	CHLORPYRIFOS	0.11	U
	FENTHION	0.11	U
	TRICHLORONATE	0.11	U
	MERPHOS	0.11	U
	STIROPHOS	0.11	U
	TOKUTHION	0.11	U
	BOLSTAR	0.11	U
	FENSULFOTHION	0.11	U
	AZINPHOS METHYL	0.11	U
	COUMAPHOS	0.11	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	11	20- 150	110	
TRIPHENYL PHOSPHATE	10	15	20- 150	150	

FORM I 1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO.
11020

Client Samole ID: GS-2

Project Name: NOOR DOOR File: R17U21

BatchNo: 0S493 Project No: N/A

Matrix: SOIL Date Sampled: 05/24/91

Sample wt/vol: 30.41 (g/mL) G Date Received: 05/25/91

Final vol (mL): 10 Date Extracted: 05/31/91

% Dry: 83.39 Date Analyzed (P): 06/18/91

Dilution Factor: 1 Date Analyzed (S): 06/18/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	DICHLOROVOS	0.12	U
	MEVINPHOS	0.12	U
	DEMETON	0.12	U
	ETHOPROP	0.12	U
	NALED	0.12	U
	PHORATE	0.12	U
	DIAZINON	0.12	U
	DISULFOTON	0.12	U
	RONNEL	0.12	U
	PARATHION METHYL	0.12	U
	CHLORPYRIFOS	0.12	U
	FENTHION	0.12	U
	TRICHLORONATE	0.12	U
	MERPHOS	0.12	U
	STIROPHOS	0.12	U
	TOKUTHION	0.12	U
	BOLSTAR	0.12	U
	FENSULFOTHION	0.12	U
	AZINPHOS METHYL	0.12	U
	COUMAPHOS	0.12	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	11	20- 150	110	
TRIPHENYL PHOSPHATE	10	17	20- 150	170	*

FORM I 1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO. 11021

Client Sample ID: GS-4

Project Name: NOOR DOOR File: R17U22

BatchNo: OS493 Project No: N/A

Matrix: SOIL Date Sampled: 05/24/91

Sample wt/vol: 30.24 (g/mL) G Date Received: 05/25/91

Final vol (mL): 10 Date Extracted: 05/31/91

% Dry: 89.80 Date Analyzed (P): 06/19/91

Dilution Factor: 1 Date Analyzed (S): 06/19/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	DICHLOROVOS	0.11	U
	MEVINPHOS	0.11	U
	DEMETON	0.11	U
	ETHOPROP	0.11	U
	NALED	0.11	U
	PHORATE	0.11	U
	DIAZINON	0.11	U
	DISULFOTON	0.11	U
	RONNEL	0.11	U
	PARATHION METHYL	0.11	U
	CHLORPYRIFOS	0.11	U
	FENTHION	0.11	U
	TRICHLORONATE	0.11	U
	MERPHOS	0.11	U
	STIROPHOS	0.11	U
	TOKUTHION	0.11	U
	BOLSTAR	0.11	U
	FENSULFOTHION	0.11	U
	AZINPHOS METHYL	0.11	U
	COUMAPHOS	0.11	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	11	36- 150	110	
TRIPHENYL PHOSPHATE	10	17	20- 150	170	*

FORM I 1/87 Mod.

OP PESTICIDES

SOIL

Method 8140

Batch No: OS493

Method Blank Data

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO.
MB493

Client Samole ID: METHOD BLANK

Project Name: NOOR DOOR | File: R17U18

BatchNo: OS493 | Project No: N/A

Matrix: SOIL | Date Sampled: N/A

Sample wt/vol: 30.82 (g/mL) G | Date Received: N/A

Final vol (mL): 10 | Date Extracted: 05/31/91

% Dry: 99.96 | Date Analyzed (P): 06/18/91

Dilution Factor: 1 | Date Analyzed (S): 06/18/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	DICHLOROVOS	0.10	U
	MEVINPHOS	0.10	U
	DEMETON	0.10	U
	ETHOPROP	0.10	U
	NALED	0.10	U
	PHORATE	0.10	U
	DIAZINON	0.10	U
	DISULFOTON	0.10	U
	RONNEL	0.10	U
	PARATHION METHYL	0.10	U
	CHLORPYRIFOS	0.10	U
	FENTHION	0.10	U
	TRICHLORONATE	0.10	U
	MERPHOS	0.10	U
	STIROPHOS	0.10	U
	TOKUTHION	0.10	U
	BOLSTAR	0.10	U
	FENSULFOTHION	0.10	U
	AZINPHOS METHYL	0.10	U
	COUMAPHOS	0.10	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	10	20- 150	100	
TRIPHENYL PHOSPHATE	10	16	20- 150	160	*

FORM I 1/87 Mod.

OP PESTICIDES

SOIL

Method 8140

Batch No: OS493

QC Data

NET PACIFIC INC., SAN DIEGO DIVISION
ENVIRONMENTAL CHEMISTRY

QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

ORGANOPHOSPHORUS PESTICIDES
Method 8140
(Solid)

Client Name: NOOR DOOR

NET Sample ID: 11021
Client Sample ID: GS-4

PARAMETERS	CONC. SPIKE ADDED(ug/Kg)	SAMPLE RESULT	CONC. MS	% RECOVERY	CONC. SPIKE ADDED(ug/Kg)	CONC. MSD	% RECOVERY	RPD	CONTROL LIMITS RECOVERY
Dichlorovos	3.60	0.0	5.50	153%	3.60	5.80	161%	5%	20-150
Diazinon	3.60	0.0	3.60	100%	3.60	3.60	100%	0%	20-150
Chloropyrofos	3.60	0.0	3.90	108%	3.60	3.90	108%	0%	20-150

Prepared by: VF

Release Authorized by: HS

The accompanying narrative is an integral part of this report.

Client Name-------)MOOR DOOR

NET Sample ID:----)11021
Client Sample ID:-)6S-4
Matrix: SOLID

SOLID SAMPLE INFO	NON SPIKED SAMPLE	MAT SPK SAMPLE	MS DUP SAMPLE
SAMPLE WGHT(g)------)	30.2	30.6	30.6
% DRY---------------)	89.8	89.8	89.8
SPLITS (ML)---------)	10.0	10.0	10.0
DILUTION------------)	1.0	1.0	1.0

SPIKED COMPOUNDS	SPIKED STD CONC(UG/ML)	VOLUME SPIKED(ML)
Dichlorovos---------)	100.0	1.00
Diazinon------------)	100.0	1.00
Chloropyrofos-------)	100.0	1.00

COMPOUNDS	SAMPLE RESULTS (UG/ML)	MAT SPK SAMPLE (UG/ML)	MS DUP SAMPLE (UG/ML)
Dichlorovos---------)	0.00	15.18	15.87
Diazinon------------)	0.00	9.76	9.79
Chloropyrofos-------)	0.00	10.67	10.79

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO.
11021MS

Client Sample ID: GS-4

Project Name: NOOR DOOR

File: R17U23

BatchNo: OS493

Project No: N/A

Matrix: SOIL

Date Sampled: 05/24/91

Sample wt/vol: 30.57 (g/mL) G

Date Received: 05/25/91

Final vol (mL): 10

Date Extracted: 05/31/91

% Dry: 89.80

Date Analyzed (P): 06/19/91

Dilution Factor: 1

Date Analyzed (S): 06/19/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	DICHLOROVOS	5.50	S
	MEVINPHOS	0.11	U
	DEMETON	0.11	U
	ETHOPROP	0.11	U
	NALED	0.11	U
	PHORATE	0.06	J
	DIAZINON	3.60	S
	DISULFOTON	0.11	U
	RONNEL	0.11	U
	PARATHION METHYL	0.11	U
	CHLORPYRIFOS	3.90	S
	FENTHION	0.11	U
	TRICHLORONATE	0.11	U
	MERPHOS	0.11	U
	STIROPHOS	0.11	U
	TOKUTHION	0.11	U
	BOLSTAR	0.11	U
	FENSULFOTHION	0.11	U
	AZINPHOS METHYL	0.11	U
	COUMAPHOS	0.11	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	12	20- 150	120	
TRIPHENYL PHOSPHATE	10	17	20- 150	170	*

FORM I

1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO.
11021MSD

Client Sample ID: GS-4

Project Name: NOOR DOOR File: R17U24

BatchNo: 0S493 Project No: N/A

Matrix: SOIL Date Sampled: 05/24/91

Samole wt/vol: 30.57 (g/mL) G Date Received: 05/25/91

Final vol (mL): 10 Date Extracted: 05/31/91

% Dry: 89.80 Date Analyzed (P): 06/19/91

Dilution Factor: 1 Date Analyzed (S): 06/19/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	DICHLOROVOS	5.80	S
	MEVINPHOS	0.11	U
	DEMETON	0.11	U
	ETHOPROP	0.11	U
	NALED	0.11	U
	PHORATE	0.05	J
	DIAZINON	3.60	S
	DISULFOTON	0.11	U
	RONNEL	0.11	U
	PARATHION METHYL	0.11	U
	CHLORPYRIFOS	3.90	S
	FENTHION	0.11	U
	TRICHLORONATE	0.11	U
	MERPHOS	0.11	U
	STIROPHOS	0.11	U
	TOKUTHION	0.11	U
	BOLSTAR	0.11	U
	FENSULFOTHION	0.11	U
	AZINPHOS METHYL	0.11	U
	COUMAPHOS	0.11	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	11	20- 150	110	
TRIPHENYL PHOSPHATE	10	17	20- 150	170	*

FORM I 1/87 Mod.

OP PESTICIDES

SOIL

Method 8140

Batch No: OS501

Sample Data

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO. 11075

Client Sample ID: SS-1

Project Name: NOOR DOOR

File: R17U16

BatchNo: OS501

Project No: N/A

Matrix: SOIL

Date Sampled: 05/30/91

Sample wt/vol: 30.74 (g/mL) G

Date Received: 05/31/91

Final vol (mL): 10

Date Extracted: 06/03/91

% Dry: 65.98

Date Analyzed (P): 06/18/91

Dilution Factor: 1

Date Analyzed (S): 06/18/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	DICHLOROVOS	0.15	U
	MEVINPHOS	0.15	U
	DEMETON	0.15	U
	ETHOPROP	0.15	U
	NALED	0.15	U
	PHORATE	0.15	U
	DIAZINON	0.15	U
	DISULFOTON	0.15	U
	RONNEL	0.15	U
	PARATHION METHYL	0.15	U
	CHLORPYRIFOS	0.15	U
	FENTHION	0.15	U
	TRICHLORONATE	0.15	U
	MERPHOS	0.15	U
	STIROPHOS	0.15	U
	TOKUTHION	0.15	U
	BOLSTAR	0.15	U
	FENSULFOTHION	0.15	U
	AZINPHOS METHYL	0.15	U
	COUMAPHOS	0.15	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	5	20- 150	47	
TRIPHENYL PHOSPHATE	10	5	20- 150	54	

FORM I 1/87 Mod.

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO. 11076

Client Sample ID: SS-2

Project Name: NOOR DOOR

File: R17U15

BatchNo: 05501

Project No: N/A

Matrix: SOIL

Date Sampled: 05/30/91

Samole wt/vol: 30.72 (g/mL) G

Date Received: 05/31/91

Final vol (mL): 10

Date Extracted: 06/03/91

% Dry: 59.96

Date Analyzed (P): 06/18/91

Dilution Factor: 1

Date Analyzed (S): 06/18/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	DICHLOROVOS	0.16	U
	MEVINPHOS	0.16	U
	DEMETON	0.16	U
	ETHOPROP	0.16	U
	NALED	0.16	U
	PHORATE	0.16	U
	DIAZINON	0.16	U
	DISULFOTON	0.16	U
	RONNEL	0.16	U
	PARATHION METHYL	0.16	U
	CHLORPYRIFOS	0.16	U
	FENTHION	0.16	U
	TRICHLORONATE	0.16	U
	MERPHOS	0.16	U
	STIROPHOS	0.16	U
	TOKUTHION	0.16	U
	BOLSTAR	0.16	U
	FENSULFOTHION	0.16	U
	AZINPHOS METHYL	0.16	U
	COUMAPHOS	0.16	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	6	20- 150	56	
TRIPHENYL PHOSPHATE	10	8	20- 150	82	

FORM I 1/87 Mod.

OP PESTICIDES

SOIL

Method 8140

Batch No: OS501

Method Blank Data

GAS CHROMATOGRAPHY ANALYSIS DATA SHEET
Method: 8140

NET LIMS NO.: MB501

Client Sample ID: METHOD BLANK

Project Name: NOOR DOOR

File: R17U11

BatchNo: 05501

Project No: N/A

Matrix: SOIL

Date Sampled: N/A

Sample wt/vol: 30.86 (g/mL) G

Date Received: N/A

Final vol (mL): 10

Date Extracted: 06/03/91

% Dry: 99.96

Date Analyzed (P): 06/18/91

Dilution Factor: 1

Date Analyzed (S): 06/18/91

CAS NUMBER	COMPOUND NAME	UNITS mg/Kg	Q
	DICHLOROVOS	0.10	U
	MEVINPHOS	0.10	U
	DEMETON	0.10	U
	ETHOPROP	0.10	U
	NALED	0.10	U
	PHORATE	0.10	U
	DIAZINON	0.10	U
	DISULFOTON	0.10	U
	RONNEL	0.10	U
	PARATHION METHYL	0.10	U
	CHLORPYRIFOS	0.10	U
	FENTHION	0.10	U
	TRICHLORONATE	0.10	U
	MERPHOS	0.10	U
	STIROPHOS	0.10	U
	TOKUTHION	0.10	U
	BOLSTAR	0.10	U
	FENSULFOTHION	0.10	U
	AZINPHOS METHYL	0.10	U
	COUMAPHOS	0.10	U

SURROGATE DATA	SPIKED	FOUND	QC LIMITS(%)	RECOVERY(%)	Q
TRIBUTYL PHOSPHATE	10	6	20- 150	61	
TRIPHENYL PHOSPHATE	10	3	20- 150	33	

RZA SAMPLING EVENT (1992)

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2		
11335 NE 122nd Way, #100	Matrix:	Soil		
Kirkland, WA 98034	Analysis for:	Total Solids	Received:	Aug 31, 1992
Attention: John Cooper	First Sample #:	208-1658	Reported:	Sep 17, 1992

LABORATORY ANALYSIS FOR: Total Solids

Sample Number	Sample Description	Sample Result %
208-1658	C1-S1	95
208-1661	C2-S2	87
208-1662	C4-S1	95
208-1663	C5-S1	93
208-1664	C6-S1	96
208-1665	MW-1, S-2	58
208-1666	MW-2, S-1	94

North Creek Analytical routinely provides analytical results for soils, sediments or sludges on a WET WEIGHT "as received" basis.
To attain dry weight equivalents for regulatory compliance, divide the soil result by the decimal fraction of percent solids.
The results in this report apply only to the samples analyzed, as indicated on the custody document.
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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Aug 27, 1992
11335 NE 122nd Way, #100	Matrix Descript:	Soil	Received:	Aug 31, 1992
Kirkland, WA 98034	Analysis Method:	Qualitative GC-FID	Extracted:	Sep 1, 1992
Attention: John Cooper	First Sample #:	208-1658	Analyzed:	Sep 9, 1992
			Reported:	Sep 17, 1992

HYDROCARBON IDENTIFICATION (WTPH-HCID)

Sample Number	Sample Description	HCID as Gasoline nC7 - nC12 mg/kg (ppm)	GRO Surrogate Recovery %	HCID as Diesel nC12 - nC24 mg/kg (ppm)	DRO Surrogate Recovery %	HCID Heavy Oil >nC24 mg/kg (ppm)
208-1658	C1-S1	<20	140	<50	109	<100
208-1661	C2-S2	<20	112	<50	100	<100
208-1664	C6-S1	<20	87	<50	107	<100
208-1665	MW-1, S-2 8/31/92	<20	70	Present	67	Present
208-1666	MW-2, S-1 8/31/92	<20	98	<50	98	Present
BLK090192	Method Blank	<20	86	<50	77	<100

WTPH-HCID is a qualitative screen to determine the presence and the type of petroleum products that exist at a site. It is intended to be performed on representative soils from a site when the type of petroleum hydrocarbon contamination is unknown. When the analytical results for gasoline range organics, diesel range organics or heavy oils are shown as "Present", thereby exceeding the reporting limits, the specific quantitation method must be employed.

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Aug 27, 1992
11335 NE 122nd Way, #100	Matrix Descript:	Soil	Received:	Aug 31, 1992
Kirkland, WA 98034	Analysis Method:	WTPH-G, EPA 5030/8020	Analyzed:	Sep 9, 1992
Attention: John Cooper	First Sample #:	208-1658	Reported:	Sep 17, 1992

TOTAL PETROLEUM HYDROCARBONS with BTEX DISTINCTION (WTPH-G/BTEX)

Sample Number	Sample Description	Volatile Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)	Surrogate Recovery %
208-1658	C1-S1	N.D.	N.D.	N.D.	N.D.	N.D.	93
208-1661	C2-S2	N.D.	N.D.	N.D.	N.D.	N.D.	94
208-1664	C6-S1	N.D.	N.D.	N.D.	N.D.	N.D.	96
BLK090992	Method Blank	N.D.	N.D.	N.D.	N.D.	N.D.	100
Detection Limits:		**1.0**	**0.05**	**0.05**	**0.05**	**0.1**	

Volatile Hydrocarbons are quantitated as Gasoline Range Organics (nC7 - nC12). Surrogate recovery reported is for Bromofluorobenzene.
Analytes reported as N.D. were not present above the stated limit of detection.

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Aug 27, 1992
11335 NE 122nd Way, #100	Matrix Descript:	Soil	Received:	Aug 31, 1992
Kirkland, WA 98034	Analysis Method:	WTPH-D	Extracted:	Sep 4, 1992
Attention: John Cooper	First Sample #:	208-1662	Analyzed:	Sep 12, 1992
			Reported:	Sep 17, 1992

TOTAL PETROLEUM HYDROCARBONS (WTPH-D)

Sample Number	Sample Description	Extractable Hydrocarbons mg/kg (ppm)	Surrogate Recovery %
208-1662	C4-S1	N.D.	90
208-1663	C5-S1	N.D.	85
BLK	Method Blank	N.D.	96

Detection Limits:	10.0

Extractable Hydrocarbons are quantitated as Diesel Range Organics (nC12 - nC24). Surrogate recovery reported is for 2-Fluorobiphenyl. Analytes reported as N.D. were not present above the stated limit of detection.

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Aug 27, 1992
11335 NE 122nd Way, #100	Matrix Descript:	Soil	Received:	Aug 31, 1992
Kirkland, WA 98034	Analysis Method:	WTPH-418.1 Modified	Extracted:	Sep 2, 1992
Attention: John Cooper	First Sample #:	208-1658	Analyzed:	Sep 3, 1992
			Reported:	Sep 17, 1992

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (WTPH-418.1)

Sample Number	Sample Description	Petroleum Oil mg/kg (ppm)
208-1658	C1-S1	N.D.
208-1661	C2-S2	N.D.
208-1664	C6-S1	N.D.
208-1665	MW-1, S-2 8/31/92	700
208-1666	MW-2, S-1 8/31/92	87
BLK090292	Method Blank	N.D.

Detection Limits:	**10.0**

Analytes reported as N.D. were not present above the stated limit of detection.

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Aug 27, 1992
11335 NE 122nd Way, #100	Analysis Method:	EPA 7420	Received:	Aug 31, 1992
Kirkland, WA 98034	Analysis for:	Total Lead	Digested:	Sep 11, 1992
Attention: John Cooper	First Sample #:	208-1658	Analyzed:	Sep 14, 1992
	Matrix:	Soil	Reported:	Sep 17, 1992

METALS ANALYSIS FOR: Total Lead

Sample Number	Sample Description	Detection Limit mg/kg (ppm)	Sample Result mg/kg (ppm)
208-1658	C1-S1	10	N.D.
208-1661	C2-S2	10	N.D.
208-1664	C6-S1	10	17
208-1665	MW-1, S-2 8/31/92	10	11
208-1666	MW-2, S-1 8/31/92	10	N.D.
BLK090292	Method Blank	0.20 mg/L	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Aug 27, 1992
11335 NE 122nd Way, #100	Sample Descript:	Soil, C1-S1	Received:	Aug 31, 1992
Kirkland, WA 98034	Analysis Method:	EPA 8080	Extracted:	Sep 3, 1992
Attention: John Cooper	Sample Number:	208-1658	Analyzed:	Sep 7, 1992
			Reported:	Sep 17, 1992

POLYCHLORINATED BIPHENYLS (EPA 8080)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
PCB 1016	0.050	N.D.
PCB 1221	0.050	N.D.
PCB 1232	0.050	N.D.
PCB 1242	0.050	N.D.
PCB 1248	0.050	N.D.
PCB 1254	0.050	N.D.
PCB 1260	0.050	N.D.

Tetrachloro-m-xylene Surrogate Recovery, %: 74

Analytes reported as N.D. were not present above the stated limit of detection.

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Aug 27, 1992
11335 NE 122nd Way, #100	Sample Descript:	Soil, C2-S2	Received:	Aug 31, 1992
Kirkland, WA 98034	Analysis Method:	EPA 8080	Extracted:	Sep 3, 1992
Attention: John Cooper	Sample Number:	208-1661	Analyzed:	Sep 7, 1992
			Reported:	Sep 17, 1992

POLYCHLORINATED BIPHENYLS (EPA 8080)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
PCB 1016	0.050	N.D.
PCB 1221	0.050	N.D.
PCB 1232	0.050	N.D.
PCB 1242	0.050	N.D.
PCB 1248	0.050	N.D.
PCB 1254	0.050	N.D.
PCB 1260	0.050	N.D.

Tetrachloro-m-xylene Surrogate Recovery, %: 66

Analytes reported as N.D. were not present above the stated limit of detection.

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2		
11335 NE 122nd Way, #100	Sample Descript:	Method Blank		
Kirkland, WA 98034	Analysis Method:	EPA 8080	Extracted:	Sep 3, 1992
Attention: John Cooper	Sample Number:	BLK090392	Analyzed:	Sep 7, 1992
			Reported:	Sep 17, 1992

POLYCHLORINATED BIPHENYLS (EPA 8080)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
PCB 1016	0.050	N.D.
PCB 1221	0.050	N.D.
PCB 1232	0.050	N.D.
PCB 1242	0.050	N.D.
PCB 1248	0.050	N.D.
PCB 1254	0.050	N.D.
PCB 1260	0.050	N.D.

Tetrachloro-m-xylene Surrogate Recovery, %: 128

Analytes reported as N.D. were not present above the stated limit of detection.

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Aug 27, 1992
11335 NE 122nd Way, #100	Sample Descript:	Soil, C1-S1	Received:	Aug 31, 1992
Kirkland, WA 98034	Analysis Method:	EPA 8100	Extracted:	Sep 2, 1992
Attention: John Cooper	Sample Number:	208-1658	Analyzed:	Sep 12, 1992
			Reported:	Sep 17, 1992

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8100)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
Acenaphthene	0.50	N.D.
Acenaphthylene	0.50	N.D.
Anthracene	1.0	N.D.
Benzo (a) anthracene	0.50	N.D.
Benzo (a) pyrene	0.50	N.D.
Benzo (b) fluoranthene	1.0	N.D.
Benzo (ghi) perylene	1.0	N.D.
Benzo (k) fluoranthene	1.0	N.D.
Chrysene	0.50	N.D.
Dibenzo (a,h) anthracene	1.0	N.D.
Fluoranthene	0.50	N.D.
Fluorene	0.50	N.D.
Indeno (1,2,3-cd) pyrene	1.0	N.D.
Naphthalene	0.50	N.D.
Phenanthrene	0.50	N.D.
Pyrene	0.50	N.D.

2-Fluorobiphenyl Surrogate Recovery, %: 110

Analytes reported as N.D. were not present above the stated limit of detection.

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Aug 27, 1992
11335 NE 122nd Way, #100	Sample Descript:	Soil, C2-S2	Received:	Aug 31, 1992
Kirkland, WA 98034	Analysis Method:	EPA 8100	Extracted:	Sep 2, 1992
Attention: John Cooper	Sample Number:	208-1661	Analyzed:	Sep 12, 1992
			Reported:	Sep 17, 1992

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8100)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
Acenaphthene	0.50	N.D.
Acenaphthylene	0.50	N.D.
Anthracene	1.0	N.D.
Benzo (a) anthracene	0.50	N.D.
Benzo (a) pyrene	0.50	N.D.
Benzo (b) fluoranthene	1.0	N.D.
Benzo (ghi) perylene	1.0	N.D.
Benzo (k) fluoranthene	1.0	N.D.
Chrysene	0.50	N.D.
Dibenzo (a,h) anthracene	1.0	N.D.
Fluoranthene	0.50	N.D.
Fluorene	0.50	N.D.
Indeno (1,2,3-cd) pyrene	1.0	N.D.
Naphthalene	0.50	N.D.
Phenanthrene	0.50	N.D.
Pyrene	0.50	N.D.

2-Fluorobiphenyl Surrogate Recovery, %: 110

Analytes reported as N.D. were not present above the stated limit of detection.

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	
11335 NE 122nd Way, #100	Sample Descript:	Method Blank	
Kirkland, WA 98034	Analysis Method:	EPA 8100	Extracted: Sep 2, 1992
Attention: John Cooper	Sample Number:	BLK090292	Analyzed: Sep 12, 1992
			Reported: Sep 17, 1992

POLYNUCLEAR AROMATIC HYDROCARBONS (EPA 8100)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
Acenaphthene	0.50	N.D.
Acenaphthylene	0.50	N.D.
Anthracene	1.0	N.D.
Benzo (a) anthracene	0.50	N.D.
Benzo (a) pyrene	0.50	N.D.
Benzo (b) fluoranthene	1.0	N.D.
Benzo (ghi) perylene	1.0	N.D.
Benzo (k) fluoranthene	1.0	N.D.
Chrysene	0.50	N.D.
Dibenzo (a,h) anthracene	1.0	N.D.
Fluoranthene	0.50	N.D.
Fluorene	0.50	N.D.
Indeno (1,2,3-cd) pyrene	1.0	N.D.
Naphthalene	0.50	N.D.
Phenanthrene	0.50	N.D.
Pyrene	0.50	N.D.

2-Fluorobiphenyl Surrogate Recovery, %: 110

Analytes reported as N.D. were not present above the stated limit of detection.

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RZA/AGRA	Client Project ID: Sterling Asphalt, W-8390-2	Analyst:	R. Lister
11335 NE 122nd Way, #100	EPA Method: WTPH-G		
Kirkland, WA 98034	Sample Matrix: Soil		
Attention: John Cooper	Units: mg/kg (ppm)	Analyzed:	Sep 9, 1992
		Reported:	Sep 17, 1992

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT
Laboratory Control Sample

Gasoline	
Spike Conc. Added:	100
Spike Result:	106
% Recovery:	106
Upper Control Limit %:	120
Lower Control Limit %:	80

PRECISION ASSESSMENT
Sample Duplicate

Volatile Hydrocarbons	
Sample Number:	208-1422
Original Result:	N.D.
Duplicate Result:	N.D.
Relative % Difference	0
Maximum RPD:	50

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$$\%\ \text{Recovery:} = \frac{\text{Spike Result}}{\text{Spike Concentration Added}} \times 100$$

$$\text{Relative \% Difference:} = \frac{\text{Original Result} - \text{Duplicate Result}}{(\text{Original Result} + \text{Duplicate Result}) / 2} \times 100$$

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RZA/AGRA	Client Project ID: Sterling Asphalt, W-8390-2	Analyst:	R. Lister
11335 NE 122nd Way, #100	EPA Method: 5030/8020		K. Wilke
Kirkland, WA 98034	Sample Matrix: Soil		
Attention: John Cooper	Units: mg/kg (ppm)	Analyzed:	Sep 9, 1992
	QC Sample #: 208-1658	Reported:	Sep 17, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.50	0.50	0.50	0.50
Conc. Matrix Spike:	0.46	0.46	0.51	0.45
Matrix Spike % Recovery:	92	92	102	90
Conc. Matrix Spike Dup.:	0.44	0.45	0.50	0.44
Matrix Spike Duplicate % Recovery:	88	90	100	88
Upper Control Limit %:	93	96	117	109
Lower Control Limit %:	57	58	69	63
Relative % Difference:	4.4	2.2	2.0	2.2
Maximum RPD:	8.6	9.6	8.8	9.5

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$$\text{\% Recovery:} \quad \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$$

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RZA/AGRA	Client Project ID: Sterling Asphalt, W-8390-2	Analyst:	L Dutton
11335 NE 122nd Way, #100	EPA Method: WTPH-D		
Kirkland, WA 98034	Sample Matrix: Soil	Extracted:	Sep 4, 1992
Attention: John Cooper	Units: mg/kg (ppm)	Analyzed:	Sep 12, 1992
		Reported:	Sep 17, 1992

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT
Laboratory Control Sample

Diesel	
Spike Conc. Added:	67
Spike Result:	80
% Recovery:	119
Upper Control Limit %:	120
Lower Control Limit %:	80

PRECISION ASSESSMENT
Sample Duplicate

Extractable Hydrocarbons	
Sample Number:	208-1662
Original Result:	N.D.
Duplicate Result:	N.D.
Relative % Difference	0
Maximum RPD:	50

NORTH CREEK ANALYTICAL inc

Scot Cocanour
Laboratory Director

$$\text{\% Recovery:} \quad \frac{\text{Spike Result}}{\text{Spike Concentration Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Original Result - Duplicate Result}}{\text{(Original Result + Duplicate Result) / 2}} \times 100$$

NORTH CREEK ANALYTICAL

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Phone (206) 481-9200 • FAX (206) 485-2992

RZA/AGRA	Client Project ID: Sterling Asphalt, W-8390-2	Analyst:	S. Kimball
11335 NE 122nd Way, #100	EPA Method: WTPH-418.1		
Kirkland, WA 98034	Sample Matrix: Soil	Extracted:	Sep 2, 1992
Attention: John Cooper	Units: mg/kg (ppm)	Analyzed:	Sep 3, 1992
		Reported:	Sep 17, 1992

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT
Laboratory Control Sample

Petroleum Oil	
Spike Conc. Added:	51
Spike Result:	48
% Recovery:	94
Upper Control Limit %:	120
Lower Control Limit %:	80

PRECISION ASSESSMENT
Sample Duplicate

Petroleum Oil	
Sample Number:	208-1658
Original Result:	N.D.
Duplicate Result:	N.D.
Relative % Difference	0
Maximum RPD:	50

NORTH CREEK ANALYTICAL inc

Scot Cocanour
Laboratory Director

$$\text{\% Recovery:} \quad \frac{\text{Spike Result}}{\text{Spike Concentration Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Original Result - Duplicate Result}}{(\text{Original Result + Duplicate Result}) / 2} \times 100$$

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RZA/AGRA
11335 NE 122nd Way, #100
Kirkland, WA 98034
Attention: John Cooper

Client Project ID: Sterling Asphalt, W-8390-2
Sample Matrix : Water
Units: mg/L (ppm)

Analyst: B. Oaks

Reported: Sep 17, 1992

INORGANIC QUALITY CONTROL DATA REPORT

ANALYTE	Lead
EPA Method:	7420
Date Analyzed:	Sep 4, 1992

ACCURACY ASSESSMENT

LCS Spike Conc. Added:	0.50
LCS Spike Result:	0.53
LCS Spike % Recovery:	106
Upper Control Limit:	124
Lower Control Limit:	87
Matrix Spike Sample #:	208-1586
Matrix Spike % Recovery:	120

PRECISION ASSESSMENT

Sample #:	208-1586
Original:	N.D.
Duplicate:	N.D.
Relative % Difference:	0

NORTH CREEK ANALYTICAL inc

Scot Cocanour
Laboratory Director

Lab Control Sample % Recovery: $\frac{\text{Conc. of L.C.S.}}{\text{L.C.S. Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Original Result - Duplicate Result}}{(\text{Original Result + Duplicate Result}) / 2} \times 100$

NORTH CREEK ANALYTICAL

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RZA/AGRA	Client Project ID: Sterling Asphalt, W-8390-2	Analyst: M. Bender
11335 NE 122nd Way, #100	EPA Method: 8080	
Kirkland, WA 98034	Sample Matrix : Soil	Extracted: Sep 3, 1992
Attention: John Cooper	Units: µg/kg (ppb)	Analyzed: Sep 7, 1992
	QC Sample #: 209-0120	Reported: Sep 17, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Aroclor 1260
Sample Conc.:	N.D.
Spike Conc. Added:	67
Conc. Matrix Spike:	46
Matrix Spike % Recovery:	69
Conc. Matrix Spike Dup.:	57
Matrix Spike Duplicate % Recovery:	85
Upper Control Limit %:	120
Lower Control Limit %:	60
Relative % Difference:	21
Maximum RPD:	50

NORTH CREEK ANALYTICAL inc

Scot Cocanour
Laboratory Director

$$\text{\% Recovery:} \quad \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$$

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Sep 4, 1992
11335 NE 122nd Way, #100	Matrix Descript:	Water	Received:	Sep 8, 1992
Kirkland, WA 98034	Analysis Method:	WTPH-G	Analyzed:	Sep 16, 1992
Attention: John Cooper	First Sample #:	209-0384	Reported:	Sep 18, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS (WTPH-G)

Sample Number	Sample Description	Volatile Hydrocarbons µg/L (ppb)	Surrogate Recovery %
209-0384	MW-1	N.D.	101
209-0385	MW-2	N.D.	100
BLK091692	Method Blank	N.D.	94

Detection Limits:	**50.0**

Volatile Hydrocarbons are quantitated as Gasoline Range Organics (nC7 - nC12). Surrogate recovery reported is for Bromofluorobenzene.
Analytes reported as N.D. were not present above the stated limit of detection.

NORTH CREEK ANALYTICAL inc

Scot Cocanour
Laboratory Director

NORTH CREEK ANALYTICAL

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RZA/AGRA	Client Project ID:	Sterling Asphalt, W-8390-2	Sampled:	Sep 4, 1992
11335 NE 122nd Way, #100	Matrix Descript:	Water	Received:	Sep 8, 1992
Kirkland, WA 98034	Analysis Method:	WTPH-418.1	Extracted:	Sep 9, 1992
Attention: John Cooper	First Sample #:	209-0384	Analyzed:	Sep 10, 1992
			Reported:	Sep 18, 1992

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (WTPH-418.1)

Sample Number	Sample Description	Petroleum Oil mg/L (ppm)
209-0384	MW-1	16
209-0385	MW-2	1.2
BLK090992	Method Blank	N.D.

Detection Limits:	**1.0**

Analytes reported as N.D. were not present above the stated limit of detection.

NORTH CREEK ANALYTICAL inc

Scot Cocanour
Laboratory Director

NORTH CREEK ANALYTICAL

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RZA/AGRA	Client Project ID: Sterling Asphalt, W-8390-2	Analyst:	S. Kimball
11335 NE 122nd Way, #100	EPA Method: WTPH-418.1		
Kirkland, WA 98034	Sample Matrix: Water	Extracted:	Sep 9, 1992
Attention: John Cooper	Units: mg/L (ppm)	Analyzed:	Sep 10, 1992
		Reported:	Sep 18, 1992

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT
Laboratory Control Sample

	Petroleum Oil
Spike Conc. Added:	3.0
Spike Result:	2.7
% Recovery:	90
Upper Control Limit %:	120
Lower Control Limit %:	80

PRECISION ASSESSMENT
Sample Duplicate

	Petroleum Oil
Sample Number:	209-0451
Original Result:	N.D.
Duplicate Result:	N.D.
Relative % Difference	0
Maximum RPD:	30

NORTH CREEK ANALYTICAL inc

Scot Cocanour
Laboratory Director

$$\text{\% Recovery:} \quad \frac{\text{Spike Result}}{\text{Spike Concentration Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Original Result - Duplicate Result}}{(\text{Original Result + Duplicate Result}) / 2} \times 100$$

NORTH CREEK ANALYTICAL

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RZA/AGRA
11335 NE 122nd Way, #100
Kirkland, WA 98034
Attention: John Cooper

Client Project ID: Sterling Asphalt, W-8390-2
EPA Method: WTPH-G
Sample Matrix: Water
Units: µg/L (ppb)

Analyst: R. Lister, S. Stowell
Analyzed: Sep 16, 1992
Reported: Sep 18, 1992

HYDROCARBON QUALITY CONTROL DATA REPORT

ACCURACY ASSESSMENT
Laboratory Control Sample

Gasoline	
Spike Conc. Added:	100
Spike Result:	113
% Recovery:	113
Upper Control Limit %:	120
Lower Control Limit %:	80

PRECISION ASSESSMENT
Sample Duplicate

Volatile Hydrocarbons	
Sample Number:	209-0385
Original Result:	N.D.
Duplicate Result:	N.D.
Relative % Difference	0
Maximum RPD:	20

NORTH CREEK ANALYTICAL inc

for Scot Cocanour
Laboratory Director

$$\text{\% Recovery: } \frac{\text{Spike Result}}{\text{Spike Concentration Added}} \times 100$$

$$\text{Relative \% Difference: } \frac{\text{Original Result - Duplicate Result}}{(\text{Original Result + Duplicate Result}) / 2} \times 100$$

SLR PRE RI ASSESSMENT (2006-2007)

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

May 25, 2006

R. Scott Miller
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 05/05/06 09:30. The following list is a summary of the Work Orders contained in this report, generated on 05/25/06 18:22.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPE0255	Jeld Wen- Nord Door	008.0228.00013

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP26-7	PPE0255-01	Soil	05/03/06 08:00	05/05/06 09:30
GP26-GW	PPE0255-02	Water	05/03/06 08:15	05/05/06 09:30
GP27-2	PPE0255-05	Soil	05/03/06 09:40	05/05/06 09:30
GP27-GW	PPE0255-07	Water	05/03/06 11:30	05/05/06 09:30
GP31-6	PPE0255-10	Soil	05/03/06 13:00	05/05/06 09:30
GP33-7	PPE0255-13	Soil	05/03/06 15:25	05/05/06 09:30
GP24-6	PPE0255-14	Soil	05/03/06 15:55	05/05/06 09:30
GP36-6	PPE0255-15	Soil	05/03/06 16:20	05/05/06 09:30
GP34-8	PPE0255-17	Soil	05/03/06 14:45	05/05/06 09:30
GP31-GW	PPE0255-20	Water	05/03/06 13:10	05/05/06 09:30
GP33-GW	PPE0255-22	Water	05/03/06 14:30	05/05/06 09:30
GP24-GW	PPE0255-23	Water	05/03/06 15:20	05/05/06 09:30
GP36-GW	PPE0255-24	Water	05/03/06 15:50	05/05/06 09:30
GP34-GW	PPE0255-25	Water	05/03/06 16:30	05/05/06 09:30

Sarah Rockwell

Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-01 (GP26-7)		**Soil**				**Sampled: 05/03/06 08:00**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	21.4	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 13:57	
Diesel Range Hydrocarbons	"	ND	-----	53.6	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	107	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*96.0%*			*50 - 150 %*	"			"	
PPE0255-02 (GP26-GW)		**Water**				**Sampled: 05/03/06 08:15**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050330	05/08/06 14:45	05/10/06 11:59	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*72.8%*			*50 - 150 %*	"			"	
PPE0255-05 (GP27-2)		**Soil**				**Sampled: 05/03/06 09:40**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.6	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 14:28	
Diesel Range Hydrocarbons	"	ND	-----	44.1	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	88.2	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*96.8%*			*50 - 150 %*	"			"	
PPE0255-07 (GP27-GW)		**Water**				**Sampled: 05/03/06 11:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050330	05/08/06 14:45	05/10/06 12:28	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*77.4%*			*50 - 150 %*	"			"	
PPE0255-10 (GP31-6)		**Soil**				**Sampled: 05/03/06 13:00**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	16.8	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 13:57	
Diesel Range Hydrocarbons	"	ND	-----	41.9	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	83.8	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*98.4%*			*50 - 150 %*	"			"	
PPE0255-13 (GP33-7)		**Soil**				**Sampled: 05/03/06 15:25**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	19.5	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 14:28	
Diesel Range Hydrocarbons	"	ND	-----	48.8	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	97.5	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*110%*			*50 - 150 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-14 (GP24-6)		**Soil**			**Sampled: 05/03/06 15:55**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.2	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 11:59	
Diesel Range Hydrocarbons	"	ND	-----	42.9	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	85.8	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*91.6%*			*50 - 150 %*	"			"	
PPE0255-15 (GP36-6)		**Soil**			**Sampled: 05/03/06 16:20**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	19.7	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 12:28	
Diesel Range Hydrocarbons	"	ND	-----	49.2	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	98.4	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*112%*			*50 - 150 %*	"			"	
PPE0255-17 (GP34-8)		**Soil**			**Sampled: 05/03/06 14:45**					
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	15.9	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 13:07	**D-10**
Diesel Range Hydrocarbons	"	**DET**	-----	39.8	"	"	"	"	"	**A-03**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	79.6	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*90.1%*			*50 - 150 %*	"			"	
PPE0255-20 (GP31-GW)		**Water**			**Sampled: 05/03/06 13:10**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050330	05/08/06 14:45	05/10/06 12:56	
Diesel Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**D-19**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**D-19**
Surrogate(s): 1-Chlorooctadecane		*67.2%*			*50 - 150 %*	"			"	
PPE0255-22 (GP33-GW)		**Water**			**Sampled: 05/03/06 14:30**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050330	05/08/06 14:45	05/10/06 13:25	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*76.3%*			*50 - 150 %*	"			"	
PPE0255-23 (GP24-GW)		**Water**			**Sampled: 05/03/06 15:20**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050330	05/08/06 14:45	05/10/06 13:25	
Diesel Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**A-04**
Surrogate(s): 1-Chlorooctadecane		*78.7%*			*50 - 150 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-24 (GP36-GW)		**Water**					**Sampled: 05/03/06 15:50**			
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050330	05/08/06 14:45	05/10/06 12:56	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*80.1%*			*50 - 150 %*	"			"	
PPE0255-25 (GP34-GW)		**Water**					**Sampled: 05/03/06 16:30**			
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050330	05/08/06 08:52	05/10/06 12:36	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*76.8%*			*50 - 150 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Gasoline Hydrocarbons per NW TPH-Gx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-17 (GP34-8)		**Soil**					**Sampled: 05/03/06 14:45**			
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	-----	4.35	mg/kg dry	1x	6050603	05/12/06 14:45	05/12/06 22:02	
Surrogate(s): a,a,a-TFT		*68.0%*			*50 - 150 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-14 (GP24-6)		**Soil**			**Sampled: 05/03/06 15:55**					
Diesel Range Organics	NWTPH-Dx	**53.3**	-----	13.7	mg/kg dry	1x	6050717	05/16/06 16:00	05/19/06 11:52	**A-05**
Heavy Oil Range Hydrocarbons	"	**471**	-----	27.5	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*105%*		*50 - 150 %*	"			"	
PPE0255-17 (GP34-8)		**Soil**			**Sampled: 05/03/06 14:45**					
Diesel Range Organics	NWTPH-Dx	**770**	-----	283	mg/kg dry	20x	6050717	05/16/06 16:00	05/18/06 04:44	
Heavy Oil Range Hydrocarbons	"	**3400**	-----	567	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*99.8%*		*50 - 150 %*	"			"	
PPE0255-23 (GP24-GW)		**Water**			**Sampled: 05/03/06 15:20**					
Diesel Range Organics	NWTPH-Dx	ND	-----	0.476	mg/l	1x	6050330	05/08/06 08:52	05/16/06 08:50	
Heavy Oil Range Hydrocarbons	"	**1.48**	-----	0.952	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*90.7%*		*50 - 150 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Polychlorinated Biphenyls per EPA Method 8082

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-17 (GP34-8)		**Soil**			**Sampled: 05/03/06 14:45**					
Aroclor 1016	EPA 8082	ND	-----	37.6	ug/kg dry	1x	6050786	05/17/06 11:00	05/18/06 15:54	
Aroclor 1221	"	ND	-----	75.6	"	"	"	"	"	
Aroclor 1232	"	ND	-----	37.6	"	"	"	"	"	
Aroclor 1242	"	ND	-----	37.6	"	"	"	"	"	
Aroclor 1248	"	ND	-----	37.6	"	"	"	"	"	
Aroclor 1254	"	ND	-----	37.6	"	"	"	"	"	
Aroclor 1260	"	ND	-----	37.6	"	"	"	"	"	
Surrogate(s): Decachlorobiphenyl		*57.2%*			*16 - 149 %*	*5x*			*05/19/06 10:22*	
PPE0255-25 (GP34-GW)		**Water**			**Sampled: 05/03/06 16:30**					
Aroclor 1016	EPA 8082	ND	-----	0.476	ug/l	1x	6050382	05/09/06 10:25	05/10/06 18:30	
Aroclor 1221	"	ND	-----	0.952	"	"	"	"	"	
Aroclor 1232	"	ND	-----	0.476	"	"	"	"	"	
Aroclor 1242	"	ND	-----	0.476	"	"	"	"	"	
Aroclor 1248	"	ND	-----	0.476	"	"	"	"	"	
Aroclor 1254	"	ND	-----	0.476	"	"	"	"	"	
Aroclor 1260	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): Decachlorobiphenyl		*33.8%*			*12 - 130 %*	*"*			*05/11/06 17:16*	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-07 (GP27-GW)		**Water**			**Sampled: 05/03/06 11:30**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050403	05/09/06 08:52	05/09/06 17:54	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-07 (GP27-GW)		**Water**			**Sampled: 05/03/06 11:30**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050403	05/09/06 08:52	05/09/06 17:54	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*84.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*112%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*112%*			*80 - 120 %*	"			"	
Toluene-d8		*96.0%*			*80 - 120 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-17 (GP34-8)		**Soil**			**Sampled: 05/03/06 14:45**					
Acetone	EPA 8260B	ND	-----	2810	ug/kg dry	1x	6050659	05/15/06 09:15	05/16/06 09:35	
Benzene	"	ND	-----	22.5	"	"	"	"	"	
Bromobenzene	"	ND	-----	113	"	"	"	"	"	
Bromochloromethane	"	ND	-----	113	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	113	"	"	"	"	"	
Bromoform	"	ND	-----	113	"	"	"	"	"	
Bromomethane	"	ND	-----	563	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1130	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	563	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	113	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	113	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1130	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	113	"	"	"	"	"	
Chlorobenzene	"	ND	-----	113	"	"	"	"	"	
Chloroethane	"	ND	-----	113	"	"	"	"	"	
Chloroform	"	ND	-----	113	"	"	"	"	"	
Chloromethane	"	ND	-----	563	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	113	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	113	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	563	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	113	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	113	"	"	"	"	"	
Dibromomethane	"	ND	-----	113	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	113	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	113	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	113	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	563	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	113	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	113	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	113	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	113	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	113	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	113	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	113	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	113	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	113	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	113	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	113	"	"	"	"	"	

Sarah Rockwell

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-17 (GP34-8)		**Soil**			**Sampled: 05/03/06 14:45**					
Ethylbenzene	EPA 8260B	ND	-----	113	ug/kg dry	1x	6050659	05/15/06 09:15	05/16/06 09:35	
Hexachlorobutadiene	"	ND	-----	450	"	"	"	"	"	
2-Hexanone	"	ND	-----	1130	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	225	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	225	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	563	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	113	"	"	"	"	"	
Methylene chloride	"	ND	-----	563	"	"	"	"	"	
Naphthalene	"	ND	-----	225	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	113	"	"	"	"	"	
Styrene	"	ND	-----	113	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	113	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	113	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	113	"	"	"	"	"	
Toluene	"	ND	-----	113	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	113	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	113	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	113	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	113	"	"	"	"	"	
Trichloroethene	"	ND	-----	113	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	113	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	113	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	113	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	113	"	"	"	"	"	
Vinyl chloride	"	ND	-----	113	"	"	"	"	"	
o-Xylene	"	ND	-----	113	"	"	"	"	"	
m,p-Xylene	"	ND	-----	225	"	"	"	"	"	

Surrogate(s):	*4-BFB*	*98.2%*	*75 - 125 %*	*0.01x*	"
	1,2-DCA-d4	*98.7%*	*75 - 125 %*	"	"
	Dibromofluoromethane	*96.4%*	*75 - 125 %*	"	"
	Toluene-d8	*101%*	*75 - 125 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-20 (GP31-GW)		**Water**			**Sampled: 05/03/06 13:10**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050403	05/09/06 08:52	05/09/06 18:23	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-20 (GP31-GW)		**Water**			**Sampled: 05/03/06 13:10**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050403	05/09/06 08:52	05/09/06 18:23	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*88.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*110%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*114%*			*80 - 120 %*	"			"	
Toluene-d8		*104%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-23 (GP24-GW)		**Water**			**Sampled: 05/03/06 15:20**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050403	05/09/06 08:52	05/09/06 18:52	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-23 (GP24-GW)		**Water**			**Sampled: 05/03/06 15:20**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050403	05/09/06 08:52	05/09/06 18:52	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*90.5%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*110%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*108%*			*80 - 120 %*	"			"	
Toluene-d8		*99.0%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-24 (GP36-GW)		**Water**			**Sampled: 05/03/06 15:50**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050403	05/09/06 08:52	05/09/06 19:20	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-24 (GP36-GW)		**Water**			**Sampled: 05/03/06 15:50**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050403	05/09/06 08:52	05/09/06 19:20	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*88.5%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*112%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*111%*			*80 - 120 %*	"			"	
Toluene-d8		*97.5%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-25 (GP34-GW)		**Water**			**Sampled: 05/03/06 16:30**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050403	05/09/06 08:52	05/09/06 19:49	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-25 (GP34-GW)		**Water**			**Sampled: 05/03/06 16:30**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050403	05/09/06 08:52	05/09/06 19:49	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*87.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*110%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*110%*			*80 - 120 %*	"			"	
Toluene-d8		*96.0%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-07 (GP27-GW)		**Water**			**Sampled: 05/03/06 11:30**					
Carbazole	EPA 8270C	ND	-----	4.76	ug/l	1x	6050299	05/05/06 20:00	05/19/06 00:18	**A-02**
Acenaphthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Chrysene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-07 (GP27-GW)		**Water**			**Sampled: 05/03/06 11:30**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.52	ug/l	1x	6050299	05/05/06 20:00	05/19/06 00:18	
Fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*78.7%*	*28 - 118 %*	"		"
	2-Fluorophenol	*83.9%*	*12 - 100 %*	"		"
	Nitrobenzene-d5	*78.3%*	*37 - 124 %*	"		"
	Phenol-d6	*83.9%*	*4 - 105 %*	"		"
	p-Terphenyl-d14	*107%*	*44 - 140 %*	"		"
	2,4,6-Tribromophenol	*102%*	*31 - 142 %*	"		"

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-23 (GP24-GW)		**Water**			**Sampled: 05/03/06 15:20**					
Carbazole	EPA 8270C	ND	-----	4.72	ug/l	1x	6050299	05/05/06 20:00	05/20/06 00:01	**A-02**
Acenaphthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.2	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.43	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	18.9	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.43	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.72	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.43	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.72	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Chrysene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	4.72	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.43	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.6	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-23 (GP24-GW)		**Water**			**Sampled: 05/03/06 15:20**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.43	ug/l	1x	6050299	05/05/06 20:00	05/20/06 00:01	
Fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.43	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.72	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.72	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.72	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.6	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.43	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.72	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*91.2%*	*28 - 118 %*	"	"
	2-Fluorophenol	*87.3%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*82.8%*	*37 - 124 %*	"	"
	Phenol-d6	*85.2%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*111%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*104%*	*31 - 142 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-24 (GP36-GW)		**Water**			**Sampled: 05/03/06 15:50**					
Carbazole	EPA 8270C	ND	-----	4.72	ug/l	1x	6050299	05/05/06 20:00	05/20/06 00:45	**A-02**
Acenaphthene	"	**4.78**	-----	4.72	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.2	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.43	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	18.9	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.43	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.72	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.43	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.72	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Chrysene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	4.72	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.43	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.6	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-24 (GP36-GW)		**Water**				**Sampled: 05/03/06 15:50**				
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.43	ug/l	1x	6050299	05/05/06 20:00	05/20/06 00:45	
Fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.43	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.72	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.72	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.72	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.6	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.43	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.72	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*86.2%*	*28 - 118 %*	"	"
	2-Fluorophenol	*94.4%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*84.0%*	*37 - 124 %*	"	"
	Phenol-d6	*90.8%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*114%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*106%*	*31 - 142 %*	"	"

Sarah Rockwell

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-25 (GP34-GW)		**Water**			**Sampled: 05/03/06 16:30**					**A-09**
Carbazole	EPA 8270C	ND	-----	190	ug/l	40x	6050299	05/05/06 20:00	05/20/06 01:29	**A-02**
Acenaphthene	"	ND	-----	190	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	190	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	190	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	190	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	190	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	190	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	190	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	190	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	1900	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	381	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	190	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	190	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	190	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	762	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	381	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	190	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	381	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	190	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	190	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	190	"	"	"	"	"	
Chrysene	"	ND	-----	190	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	190	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	190	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	190	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	190	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	190	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	190	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	190	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	190	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	190	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	190	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	381	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	190	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	381	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	952	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	190	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	190	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-25 (GP34-GW)		**Water**			**Sampled: 05/03/06 16:30**					**A-09**
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	381	ug/l	40x	6050299	05/05/06 20:00	05/20/06 01:29	
Fluoranthene	"	ND	-----	190	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	190	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	190	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	381	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	381	"	"	"	"	"	
Hexachloroethane	"	ND	-----	381	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	190	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	190	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	190	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	381	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	190	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	190	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	190	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	381	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	381	"	"	"	"	"	
Nitrobenzene	"	ND	-----	190	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	190	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	952	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	381	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	190	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	381	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	190	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	190	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	190	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	190	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	190	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	190	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*NR*			*28 - 118 %*	"		"		***S-01***
2-Fluorophenol		*NR*			*12 - 100 %*	"		"		***S-01***
Nitrobenzene-d5		*NR*			*37 - 124 %*	"		"		***S-01***
Phenol-d6		*NR*			*4 - 105 %*	"		"		***S-01***
p-Terphenyl-d14		*NR*			*44 - 140 %*	"		"		***S-01***
2,4,6-Tribromophenol		*NR*			*31 - 142 %*	"		"		***S-01***

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-20 (GP31-GW)		**Water**				**Sampled: 05/03/06 13:10**				
Acenaphthene	EPA 8270m	ND	-----	0.0952	ug/l	1x	6050287	05/05/06 16:20	05/09/06 21:21	
Acenaphthylene	"	ND	-----	0.0952	"	"	"	"	"	
Anthracene	"	ND	-----	0.0952	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0952	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0952	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0952	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0952	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0952	"	"	"	"	"	
Chrysene	"	ND	-----	0.0952	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.190	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0952	"	"	"	"	"	
Fluorene	"	ND	-----	0.0952	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0952	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0952	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0952	"	"	"	"	"	
Pyrene	"	ND	-----	0.0952	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*72.7%*			*25 - 125 %*	"			"	
Pyrene-d10		*76.9%*			*23 - 150 %*	"			"	
Benzo (a) pyrene-d12		*76.5%*			*10 - 125 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-14 (GP24-6)		**Soil**			**Sampled: 05/03/06 15:55**					**R-05**
Acenaphthene	EPA 8270m	ND	-----	28.9	ug/kg dry	2x	6050660	05/15/06 08:39	05/23/06 21:53	
Acenaphthylene	"	ND	-----	28.9	"	"	"	"	"	
Anthracene	"	ND	-----	28.9	"	"	"	"	"	
Benzo (a) anthracene	"	**95.0**	-----	28.9	"	"	"	"	"	
Benzo (a) pyrene	"	**112**	-----	28.9	"	"	"	"	"	
Benzo (b) fluoranthene	"	**84.3**	-----	28.9	"	"	"	"	"	
Benzo (k) fluoranthene	"	**95.7**	-----	28.9	"	"	"	"	"	
Benzo (ghi) perylene	"	**74.1**	-----	28.9	"	"	"	"	"	
Chrysene	"	**119**	-----	28.9	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	28.9	"	"	"	"	"	
Fluoranthene	"	**190**	-----	28.9	"	"	"	"	"	
Fluorene	"	ND	-----	28.9	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**65.0**	-----	28.9	"	"	"	"	"	
Naphthalene	"	**49.2**	-----	28.9	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	144	"	"	"	"	"	
Phenanthrene	"	**111**	-----	28.9	"	"	"	"	"	
Pyrene	"	**175**	-----	28.9	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*90.1%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*113%*			*10 - 150 %*	"			"	
Pyrene-d10		*83.2%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*86.3%*			*36 - 145 %*	"			"	
PPE0255-17 (GP34-8)		**Soil**			**Sampled: 05/03/06 14:45**					**R-05**
Acenaphthene	EPA 8270m	ND	-----	152	ug/kg dry	4x	6050660	05/15/06 08:39	05/23/06 22:24	
Acenaphthylene	"	ND	-----	152	"	"	"	"	"	
Anthracene	"	ND	-----	152	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	152	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	152	"	"	"	"	"	
Benzo (b) fluoranthene	"	**375**	-----	152	"	"	"	"	"	**R-08**
Benzo (k) fluoranthene	"	ND	-----	152	"	"	"	"	"	**R-08**
Benzo (ghi) perylene	"	**175**	-----	152	"	"	"	"	"	
Chrysene	"	**497**	-----	152	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	152	"	"	"	"	"	
Fluoranthene	"	**184**	-----	152	"	"	"	"	"	
Fluorene	"	ND	-----	152	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	152	"	"	"	"	"	
Naphthalene	"	ND	-----	152	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	758	"	"	"	"	"	
Phenanthrene	"	**211**	-----	152	"	"	"	"	"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-17 (GP34-8)		**Soil**			**Sampled: 05/03/06 14:45**					**R-05**
Pyrene	EPA 8270m	**216**	-----	152	ug/kg dry	4x	6050660	05/15/06 08:39	05/23/06 22:24	
Surrogate(s): Fluorene-d10		*110%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*131%*			*10 - 150 %*	"			"	
Pyrene-d10		*87.2%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*110%*			*36 - 145 %*	"			"	

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Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0255-01 (GP26-7)		**Soil**				**Sampled: 05/03/06 08:00**				
% Solids	NCA SOP	**87.5**	-----	1.00	% by Weight	1x	6050481	05/10/06 14:58	05/11/06 10:39	
PPE0255-05 (GP27-2)		**Soil**				**Sampled: 05/03/06 09:40**				
% Solids	NCA SOP	**93.1**	-----	1.00	% by Weight	1x	6050481	05/10/06 14:58	05/11/06 10:39	
PPE0255-10 (GP31-6)		**Soil**				**Sampled: 05/03/06 13:00**				
% Solids	NCA SOP	**96.0**	-----	1.00	% by Weight	1x	6050481	05/10/06 14:58	05/11/06 10:39	
PPE0255-13 (GP33-7)		**Soil**				**Sampled: 05/03/06 15:25**				
% Solids	NCA SOP	**88.4**	-----	1.00	% by Weight	1x	6050481	05/10/06 14:58	05/11/06 10:39	
PPE0255-14 (GP24-6)		**Soil**				**Sampled: 05/03/06 15:55**				
% Solids	NCA SOP	**92.7**	-----	1.00	% by Weight	1x	6050481	05/10/06 14:58	05/11/06 10:39	
PPE0255-15 (GP36-6)		**Soil**				**Sampled: 05/03/06 16:20**				
% Solids	NCA SOP	**83.7**	-----	1.00	% by Weight	1x	6050481	05/10/06 14:58	05/11/06 10:39	
PPE0255-17 (GP34-8)		**Soil**				**Sampled: 05/03/06 14:45**				
% Solids	NCA SOP	**88.2**	-----	1.00	% by Weight	1x	6050481	05/10/06 14:58	05/11/06 10:39	

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Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

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QC Batch: 6050330 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050330-BLK1)									**Extracted: 05/08/06 14:45**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	0.125	mg/l	1x	--	--	--	--	--	--	05/10/06 14:12	
Diesel Range Hydrocarbons	"	ND	---	0.315	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	0.315	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 91.1%*			*Limits: 50-150%*	"							*05/10/06 14:12*	

QC Batch: 6050384 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050384-BLK1)									**Extracted: 05/09/06 12:30**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	20.0	mg/kg wet	1x	--	--	--	--	--	--	05/10/06 05:23	
Diesel Range Hydrocarbons	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 97.9%*			*Limits: 50-150%*	"							*05/10/06 05:23*	
Duplicate (6050384-DUP1)						**QC Source: PPE0193-25**			**Extracted: 05/09/06 12:30**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	23.6	mg/kg dry	1x	ND	--	--	--	NR	(50)	05/10/06 05:56	
Diesel Range Hydrocarbons	"	ND	---	59.0	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	---	118	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 98.2%*			*Limits: 50-150%*	"							*05/10/06 05:56*	
Duplicate (6050384-DUP2)						**QC Source: PPE0193-27**			**Extracted: 05/09/06 12:30**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	13.7	mg/kg dry	1x	ND	--	--	--	NR	(50)	05/10/06 06:29	
Diesel Range Hydrocarbons	"	ND	---	34.2	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	---	68.4	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 96.3%*			*Limits: 50-150%*	"							*05/10/06 06:29*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050603 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050603-BLK1)								**Extracted: 05/12/06 13:22**						
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	3.87	mg/kg wet	1x	--	--	--	--	--	--	05/12/06 14:13	
Surrogate(s): a,a,a-TFT		*Recovery: 74.0%*			*Limits: 50-150%*	"							*05/12/06 14:13*	
LCS (6050603-BS1)								**Extracted: 05/12/06 13:22**						
Gasoline Range Hydrocarbons	NW TPH-Gx	39.8	---	3.70	mg/kg wet	1x	--	46.2	86.1%	(70-130)	--	--	05/12/06 14:41	
Surrogate(s): a,a,a-TFT		*Recovery: 81.4%*			*Limits: 50-150%*	"							*05/12/06 14:41*	
Duplicate (6050603-DUP1)							**QC Source: PPE0356-06**			**Extracted: 05/12/06 13:22**				
Gasoline Range Hydrocarbons	NW TPH-Gx	1010	---	56.1	mg/kg dry	10x	1010	--	--	--	0.00%	(40)	05/12/06 19:17	
Surrogate(s): a,a,a-TFT		*Recovery: 167%*			*Limits: 50-150%*	"							*05/12/06 19:17*	*S-02*
Duplicate (6050603-DUP2)							**QC Source: PPE0255-17**			**Extracted: 05/12/06 13:22**				
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	4.35	mg/kg dry	1x	ND	--	--	--	8.41%	(40)	05/12/06 22:29	
Surrogate(s): a,a,a-TFT		*Recovery: 68.8%*			*Limits: 50-150%*	"							*05/12/06 22:29*	
Matrix Spike (6050603-MS1)							**QC Source: PPE0356-09**			**Extracted: 05/12/06 13:22**				
Gasoline Range Hydrocarbons	NW TPH-Gx	262	---	4.81	mg/kg dry	1x	222	60.1	66.6%	(65-130)	--	--	05/12/06 17:00	Q-01
Surrogate(s): a,a,a-TFT		*Recovery: 74.3%*			*Limits: 50-150%*	"							*05/12/06 17:00*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050330 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050330-BLK1)							**Extracted: 05/08/06 14:45**							
Diesel Range Organics	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	05/16/06 11:33	
Heavy Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 93.3%*			*Limits: 50-150%*	"							*05/16/06 11:33*	
LCS (6050330-BS1)							**Extracted: 05/08/06 14:45**							
Diesel Range Organics	NWTPH-Dx	2.10	---	0.250	mg/l	1x	--	2.51	83.7%	(50-150)	--	--	05/16/06 11:01	
Heavy Oil Range Hydrocarbons	"	1.67	---	0.500	"	"	--	1.53	109%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 92.0%*			*Limits: 50-150%*	"							*05/16/06 11:01*	
LCS Dup (6050330-BSD1)							**Extracted: 05/08/06 14:45**							
Diesel Range Organics	NWTPH-Dx	2.11	---	0.250	mg/l	1x	--	2.51	84.1%	(50-150)	0.475%	(50)	05/16/06 10:28	
Heavy Oil Range Hydrocarbons	"	1.66	---	0.500	"	"	--	1.53	108%	"	0.601%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 89.5%*			*Limits: 50-150%*	"							*05/16/06 10:28*	

QC Batch: 6050717 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050717-BLK1)							**Extracted: 05/16/06 16:00**							
Diesel Range Organics	NWTPH-Dx	ND	---	12.5	mg/kg wet	1x	--	--	--	--	--	--	05/18/06 00:26	
Heavy Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 61.5%*			*Limits: 50-150%*	"							*05/18/06 00:26*	
LCS (6050717-BS1)							**Extracted: 05/16/06 16:00**							
Diesel Range Organics	NWTPH-Dx	126	---	12.5	mg/kg wet	1x	--	126	100%	(50-150)	--	--	05/18/06 00:59	
Heavy Oil Range Hydrocarbons	"	85.3	---	25.0	"	"	--	76.5	112%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 118%*			*Limits: 50-150%*	"							*05/18/06 00:59*	
Duplicate (6050717-DUP1)							**QC Source: PPE0193-29** **Extracted: 05/16/06 16:00**							
Diesel Range Organics	NWTPH-Dx	22.7	---	15.6	mg/kg dry	1x	ND	--	--	--		(50)	05/18/06 10:16	D-09
Heavy Oil Range Hydrocarbons	"	86.1	---	31.1	"	"	63.7	--	--	--	29.9%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 109%*			*Limits: 50-150%*	"							*05/18/06 10:16*	
Duplicate (6050717-DUP2)							**QC Source: PPE0193-31** **Extracted: 05/16/06 16:00**							
Diesel Range Organics	NWTPH-Dx	ND	---	69.6	mg/kg dry	5x	ND	--	--	--	NR	(50)	05/18/06 10:50	R-05
Heavy Oil Range Hydrocarbons	"	221	---	139	"	"	290	--	--	--	27.0%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 79.1%*			*Limits: 50-150%*	"							*05/18/06 10:50*	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Polychlorinated Biphenyls per EPA Method 8082 - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050382 **Water Preparation Method: EPA 3510/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050382-BLK1)									**Extracted: 05/09/06 10:25**					
Aroclor 1016	EPA 8082	ND	---	0.500	ug/l	1x	--	--	--	--	--	--	05/10/06 19:08	
Aroclor 1221	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Aroclor 1232	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1242	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1248	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1254	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Aroclor 1260	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): Decachlorobiphenyl		*Recovery: 95.4%*			*Limits: 12-130%*	"							*05/11/06 18:02*	
LCS (6050382-BS2)									**Extracted: 05/09/06 10:25**					
Aroclor 1016	EPA 8082	4.46	---	0.500	ug/l	1x	--	5.00	89.2%	(50-114)	--	--	05/10/06 18:49	
Aroclor 1260	"	4.41	---	0.500	"	"	--	"	88.2%	(8-127)	--	--	"	
Surrogate(s): Decachlorobiphenyl		*Recovery: 84.6%*			*Limits: 12-130%*	"							*05/11/06 17:39*	

QC Batch: 6050786 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050786-BLK1)									**Extracted: 05/17/06 11:00**					
Aroclor 1016	EPA 8082	ND	---	33.2	ug/kg wet	1x	--	--	--	--	--	--	05/18/06 18:26	
Aroclor 1221	"	ND	---	66.8	"	"	--	--	--	--	--	--	"	
Aroclor 1232	"	ND	---	33.2	"	"	--	--	--	--	--	--	"	
Aroclor 1242	"	ND	---	33.2	"	"	--	--	--	--	--	--	"	
Aroclor 1248	"	ND	---	33.2	"	"	--	--	--	--	--	--	"	
Aroclor 1254	"	ND	---	33.2	"	"	--	--	--	--	--	--	"	
Aroclor 1260	"	ND	---	33.2	"	"	--	--	--	--	--	--	"	
Surrogate(s): Decachlorobiphenyl		*Recovery: 94.9%*			*Limits: 16-149%*	"							*05/19/06 12:57*	
LCS (6050786-BS1)									**Extracted: 05/17/06 11:00**					
Aroclor 1016	EPA 8082	286	---	33.2	ug/kg wet	1x	--	333	85.9%	(57-135)	--	--	05/18/06 18:07	
Aroclor 1260	"	231	---	33.2	"	"	--	"	69.4%	(60-135)	--	--	"	
Surrogate(s): Decachlorobiphenyl		*Recovery: 106%*			*Limits: 16-149%*	"							*05/19/06 12:38*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Polychlorinated Biphenyls per EPA Method 8082 - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050786 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6050786-MS1)					**QC Source: PPE0255-17**				**Extracted: 05/17/06 11:00**					
Aroclor 1016	EPA 8082	282	---	37.5	ug/kg dry	1x	ND	375	75.2%	(37-145)	--	--	05/18/06 17:48	
Aroclor 1260	"	186	---	37.5	"	"	ND	"	49.6%	(25-144)	--	--	"	
Surrogate(s): Decachlorobiphenyl		*Recovery: 62.7%*			*Limits: 16-149%*	*5x*							*05/19/06 11:01*	
Matrix Spike Dup (6050786-MSD1)					**QC Source: PPE0255-17**				**Extracted: 05/17/06 11:00**					
Aroclor 1016	EPA 8082	244	---	37.7	ug/kg dry	1x	ND	378	64.6%	(37-145)	14.4%	(26)	05/18/06 17:29	
Aroclor 1260	"	181	---	37.7	"	"	ND	"	47.9%	(25-144)	2.72%	(30)	"	
Surrogate(s): Decachlorobiphenyl		*Recovery: 62.7%*			*Limits: 16-149%*	*5x*							*05/19/06 10:41*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050403 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050403-BLK1)									Extracted: 05/09/06 08:52					
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	05/09/06 14:05	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050403 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050403-BLK1)							**Extracted: 05/09/06 08:52**							
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	05/09/06 14:05	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery:*	*90.0%*	*Limits:*	*80-120%*	*" 05/09/06 14:05*
	1,2-DCA-d4		*110%*		*80-120%*	*" "*
	Dibromofluoromethane		*110%*		*80-120%*	*" "*
	Toluene-d8		*104%*		*80-120%*	*" "*

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050403 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050403-BS1)								**Extracted: 05/09/06 08:52**						
Benzene	EPA 8260B	23.3	---	1.00	ug/l	1x	--	20.0	116%	(80-120)	--	--	05/09/06 11:41	
Chlorobenzene	"	23.5	---	1.00	"	"	--	"	118%	(80-124)	--	--	"	
1,1-Dichloroethene	"	22.7	---	1.00	"	"	--	"	114%	(78-120)	--	--	"	
Toluene	"	23.6	---	1.00	"	"	--	"	118%	(80-124)	--	--	"	
Trichloroethene	"	22.9	---	1.00	"	"	--	"	114%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 106%*			*Limits: 80-120%*	"							*05/09/06 11:41*	
1,2-DCA-d4		*108%*			*80-120%*	"							"	
Dibromofluoromethane		*108%*			*80-120%*	"							"	
Toluene-d8		*108%*			*80-120%*	"							"	
Matrix Spike (6050403-MS1)					**QC Source: PPE0267-08**			**Extracted: 05/09/06 08:52**						
Benzene	EPA 8260B	23.8	---	1.00	ug/l	1x	ND	20.0	119%	(80-124)	--	--	05/09/06 12:10	
Chlorobenzene	"	22.9	---	1.00	"	"	ND	"	114%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	23.3	---	1.00	"	"	ND	"	116%	(79.3-127)	--	--	"	
Toluene	"	23.5	---	1.00	"	"	0.410	"	115%	(79.7-131)	--	--	"	
Trichloroethene	"	22.3	---	1.00	"	"	ND	"	112%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 80-120%*	"							*05/09/06 12:10*	
1,2-DCA-d4		*112%*			*80-120%*	"							"	
Dibromofluoromethane		*112%*			*80-120%*	"							"	
Toluene-d8		*107%*			*80-120%*	"							"	
Matrix Spike Dup (6050403-MSD1)					**QC Source: PPE0267-08**			**Extracted: 05/09/06 08:52**						
Benzene	EPA 8260B	23.3	---	1.00	ug/l	1x	ND	20.0	116%	(80-124)	2.12%	(25)	05/09/06 12:39	
Chlorobenzene	"	23.3	---	1.00	"	"	ND	"	116%	(72.9-134)	1.73%	"	"	
1,1-Dichloroethene	"	22.4	---	1.00	"	"	ND	"	112%	(79.3-127)	3.94%	"	"	
Toluene	"	23.1	---	1.00	"	"	0.410	"	113%	(79.7-131)	1.72%	"	"	
Trichloroethene	"	22.1	---	1.00	"	"	ND	"	110%	(68.4-130)	0.901%	"	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 80-120%*	"							*05/09/06 12:39*	
1,2-DCA-d4		*106%*			*80-120%*	"							"	
Dibromofluoromethane		*108%*			*80-120%*	"							"	
Toluene-d8		*106%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050659 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050659-BLK1)									**Extracted: 05/15/06 09:15**					
Acetone	EPA 8260B	ND	---	2500	ug/kg wet	1x	--	--	--	--	--	--	05/16/06 19:43	
Benzene	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	998	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	499	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	998	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050659 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050659-BLK1)									**Extracted: 05/15/06 09:15**					
Hexachlorobutadiene	EPA 8260B	ND	---	399	ug/kg wet	1x	--	--	--	--	--	--	05/16/06 19:43	
2-Hexanone	"	ND	---	998	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	200	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery: 108%*	*Limits: 75-125%*	*0.01x*	*05/16/06 19:43*
	1,2-DCA-d4	*96.5%*	*75-125%*	*"*	*"*
	Dibromofluoromethane	*98.5%*	*75-125%*	*"*	*"*
	Toluene-d8	*102%*	*75-125%*	*"*	*"*

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050659 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050659-BS1)													**Extracted: 05/15/06 09:15**	
Benzene	EPA 8260B	2080	---	19.9	ug/kg wet	1x	--	1990	105%	(81.9-125)	--	--	05/16/06 16:03	
Chlorobenzene	"	2030	---	99.4	"	"	--	"	102%	(79.2-125)	--	--	"	
1,1-Dichloroethene	"	2090	---	99.4	"	"	--	"	105%	(66.1-125)	--	--	"	
Toluene	"	2120	---	99.4	"	"	--	"	107%	(80-125)	--	--	"	
Trichloroethene	"	2030	---	99.4	"	"	--	"	102%	(76-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 110%*			*Limits: 75-125%*	*0.01x*							*05/16/06 16:03*	
1,2-DCA-d4		*112%*			*75-125%*	"							"	
Dibromofluoromethane		*111%*			*75-125%*	"							"	
Toluene-d8		*109%*			*75-125%*	"							"	
Matrix Spike (6050659-MS1)							**QC Source: PPE0248-01**						**Extracted: 05/15/06 09:15**	
Benzene	EPA 8260B	2340	---	23.0	ug/kg dry	1x	ND	2300	102%	(68.5-125)	--	--	05/16/06 16:31	
Chlorobenzene	"	2240	---	115	"	"	ND	"	97.4%	(65.9-125)	--	--	"	
1,1-Dichloroethene	"	2330	---	115	"	"	ND	"	101%	(55.8-125)	--	--	"	
Toluene	"	2350	---	115	"	"	10.4	"	102%	(70.3-125)	--	--	"	
Trichloroethene	"	2280	---	115	"	"	ND	"	99.1%	(65.5-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 105%*			*Limits: 75-125%*	*0.01x*							*05/16/06 16:31*	
1,2-DCA-d4		*101%*			*75-125%*	"							"	
Dibromofluoromethane		*99.6%*			*75-125%*	"							"	
Toluene-d8		*102%*			*75-125%*	"							"	
Matrix Spike Dup (6050659-MSD1)							**QC Source: PPE0248-01**						**Extracted: 05/15/06 09:15**	
Benzene	EPA 8260B	2250	---	23.0	ug/kg dry	1x	ND	2300	97.8%	(68.5-125)	3.92%	(25)	05/16/06 16:59	
Chlorobenzene	"	2200	---	115	"	"	ND	"	95.7%	(65.9-125)	1.80%	"	"	
1,1-Dichloroethene	"	2310	---	115	"	"	ND	"	100%	(55.8-125)	0.862%	"	"	
Toluene	"	2310	---	115	"	"	10.4	"	100%	(70.3-125)	1.72%	"	"	
Trichloroethene	"	2270	---	115	"	"	ND	"	98.7%	(65.5-125)	0.440%	"	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 75-125%*	*0.01x*							*05/16/06 16:59*	
1,2-DCA-d4		*96.5%*			*75-125%*	"							"	
Dibromofluoromethane		*99.1%*			*75-125%*	"							"	
Toluene-d8		*101%*			*75-125%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050299 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050299-BLK1)								**Extracted: 05/05/06 20:00**						
1,2 Diphenylhydrazine (as Azobenzene)	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	05/11/06 08:18	
Carbazole	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050299 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050299-BLK1)								**Extracted: 05/05/06 20:00**						
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	---	10.0	ug/l	1x	--	--	--	--	--	--	05/11/06 08:18	
Fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 68.0%*			*Limits: 28-118%*	"							*05/11/06 08:18*	
2-Fluorophenol		*55.3%*			*12-100%*	"							"	
Nitrobenzene-d5		*83.9%*			*37-124%*	"							"	
Phenol-d6		*45.9%*			*4-105%*	"							"	
p-Terphenyl-d14		*101%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*82.7%*			*31-142%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050299 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050299-BS1)							**Extracted: 05/05/06 20:00**							
Acenaphthene	EPA 8270C	60.2	---	5.00	ug/l	1x	--	75.0	80.3%	(47-145)	--	--	05/11/06 09:01	
4-Chloro-3-methylphenol	"	127	---	5.00	"	"	--	150	84.7%	(22-147)	--	--	"	
2-Chlorophenol	"	134	---	5.00	"	"	--	"	89.3%	(23-134)	--	--	"	
1,4-Dichlorobenzene	"	38.3	---	5.00	"	"	--	75.0	51.1%	(8-124)	--	--	"	
2,4-Dinitrotoluene	"	66.6	---	5.00	"	"	--	"	88.8%	(39-139)	--	--	"	
4-Nitrophenol	"	108	---	25.0	"	"	--	150	72.0%	(1-132)	--	--	"	
N-Nitrosodi-n-propylamine	"	61.8	---	10.0	"	"	--	75.0	82.4%	(1-230)	--	--	"	
Pentachlorophenol	"	112	---	10.0	"	"	--	150	74.7%	(14-176)	--	--	"	
Phenol	"	105	---	5.00	"	"	--	"	70.0%	(5-112)	--	--	"	
Pyrene	"	67.4	---	5.00	"	"	--	75.0	89.9%	(52-122)	--	--	"	
1,2,4-Trichlorobenzene	"	42.0	---	5.00	"	"	--	"	56.0%	(11-142)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 76.7%*			*Limits: 28-118%*	"							*05/11/06 09:01*	
2-Fluorophenol		*85.3%*			*12-100%*	"							"	
Nitrobenzene-d5		*86.5%*			*37-124%*	"							"	
Phenol-d6		*70.7%*			*4-105%*	"							"	
p-Terphenyl-d14		*100%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*102%*			*31-142%*	"							"	
LCS Dup (6050299-BSD1)							**Extracted: 05/05/06 20:00**							
Acenaphthene	EPA 8270C	62.4	---	5.00	ug/l	1x	--	75.0	83.2%	(47-145)	3.59%	(50)	05/11/06 09:44	
4-Chloro-3-methylphenol	"	123	---	5.00	"	"	--	150	82.0%	(22-147)	3.20%	"	"	
2-Chlorophenol	"	118	---	5.00	"	"	--	"	78.7%	(23-134)	12.7%	"	"	
1,4-Dichlorobenzene	"	35.2	---	5.00	"	"	--	75.0	46.9%	(8-124)	8.44%	"	"	
2,4-Dinitrotoluene	"	67.3	---	5.00	"	"	--	"	89.7%	(39-139)	1.05%	"	"	
4-Nitrophenol	"	85.7	---	25.0	"	"	--	150	57.1%	(1-132)	23.0%	"	"	
N-Nitrosodi-n-propylamine	"	59.6	---	10.0	"	"	--	75.0	79.5%	(1-230)	3.62%	"	"	
Pentachlorophenol	"	108	---	10.0	"	"	--	150	72.0%	(14-176)	3.64%	"	"	
Phenol	"	77.3	---	5.00	"	"	--	"	51.5%	(5-112)	30.4%	"	"	
Pyrene	"	70.4	---	5.00	"	"	--	75.0	93.9%	(52-122)	4.35%	"	"	
1,2,4-Trichlorobenzene	"	43.1	---	5.00	"	"	--	"	57.5%	(11-142)	2.59%	"	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 78.3%*			*Limits: 28-118%*	"							*05/11/06 09:44*	
2-Fluorophenol		*65.2%*			*12-100%*	"							"	
Nitrobenzene-d5		*89.5%*			*37-124%*	"							"	
Phenol-d6		*54.3%*			*4-105%*	"							"	
p-Terphenyl-d14		*104%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*101%*			*31-142%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050287 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050287-BLK1)							**Extracted: 05/05/06 16:20**							
Acenaphthene	EPA 8270m	ND	---	0.100	ug/l	1x	--	--	--	--	--	--	05/09/06 19:10	
Acenaphthylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 70.0%*			*Limits: 25-125%*	"							*05/09/06 19:10*	
Pyrene-d10		*72.4%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*70.4%*			*10-125%*	"							"	
LCS (6050287-BS1)							**Extracted: 05/05/06 16:20**							
Acenaphthene	EPA 8270m	1.85	---	0.100	ug/l	1x	--	2.50	74.0%	(26-135)	--	--	05/09/06 19:43	
Benzo (a) pyrene	"	2.03	---	0.100	"	"	--	"	81.2%	(38-137)	--	--	"	
Pyrene	"	2.00	---	0.100	"	"	--	"	80.0%	(33-133)	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 76.8%*			*Limits: 25-125%*	"							*05/09/06 19:43*	
Pyrene-d10		*75.2%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*79.6%*			*10-125%*	"							"	
LCS Dup (6050287-BSD1)							**Extracted: 05/05/06 16:20**							
Acenaphthene	EPA 8270m	1.77	---	0.100	ug/l	1x	--	2.50	70.8%	(26-135)	4.42%	(60)	05/09/06 20:16	
Benzo (a) pyrene	"	1.93	---	0.100	"	"	--	"	77.2%	(38-137)	5.05%	"	"	
Pyrene	"	1.95	---	0.100	"	"	--	"	78.0%	(33-133)	2.53%	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 75.6%*			*Limits: 25-125%*	"							*05/09/06 20:16*	
Pyrene-d10		*74.4%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*76.8%*			*10-125%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050660 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050660-BLK1)							**Extracted: 05/15/06 08:39**							
Acenaphthene	EPA 8270m	ND	---	13.3	ug/kg wet	1x	--	--	--	--	--	--	05/19/06 15:52	
Acenaphthylene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	66.7	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*76.8%*		*Limits:*	*32-134%*	*"*						*05/19/06 15:52*	
	2,4,6-Tribromophenol		*69.7%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*84.2%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*97.7%*			*36-145%*	*"*						*"*	
LCS (6050660-BS1)							**Extracted: 05/15/06 08:39**							
Acenaphthene	EPA 8270m	124	---	13.2	ug/kg wet	1x	--	165	75.2%	(33-139)	--	--	05/18/06 19:36	
Benzo (a) pyrene	"	165	---	13.2	"	"	--	"	100%	(45-149)	--	--	"	
Pentachlorophenol	"	192	---	66.2	"	"	--	329	58.4%	(14-176)	--	--	"	
Pyrene	"	134	---	13.2	"	"	--	165	81.2%	(39-138)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*78.7%*		*Limits:*	*32-134%*	*"*						*05/18/06 19:36*	
	2,4,6-Tribromophenol		*90.2%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*77.9%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*92.8%*			*36-145%*	*"*						*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050660 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6050660-MS1)					**QC Source: PPE0193-11**				**Extracted: 05/15/06 08:39**					
Acenaphthene	EPA 8270m	170	---	65.4	ug/kg dry	4x	ND	203	83.7%	(33-139)	--	--	05/18/06 23:13	
Benzo (a) pyrene	"	208	---	65.4	"	"	9.12	"	98.0%	(45-149)	--	--	"	
Pentachlorophenol	"	258	---	327	"	"	ND	407	63.4%	(14-176)	--	--	"	
Pyrene	"	351	---	65.4	"	"	72.1	203	137%	(39-138)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*85.1%*		*Limits:*	*32-134%*	"						*05/18/06 23:13*	
	2,4,6-Tribromophenol		*96.1%*			*10-150%*	"						"	
	Pyrene-d10		*81.2%*			*41-152%*	"						"	
	Benzo (a) pyrene-d12		*95.6%*			*36-145%*	"						"	
Matrix Spike Dup (6050660-MSD1)					**QC Source: PPE0193-11**				**Extracted: 05/15/06 08:39**					
Acenaphthene	EPA 8270m	166	---	65.4	ug/kg dry	4x	ND	203	81.8%	(33-139)	2.38%	(50)	05/18/06 23:44	
Benzo (a) pyrene	"	221	---	65.4	"	"	9.12	"	104%	(45-149)	6.06%	"	"	
Pentachlorophenol	"	239	---	327	"	"	ND	407	58.7%	(14-176)	7.65%	(60)	"	
Pyrene	"	343	---	65.4	"	"	72.1	203	133%	(39-138)	2.31%	(50)	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*85.9%*		*Limits:*	*32-134%*	"						*05/18/06 23:44*	
	2,4,6-Tribromophenol		*98.0%*			*10-150%*	"						"	
	Pyrene-d10		*85.0%*			*41-152%*	"						"	
	Benzo (a) pyrene-d12		*96.9%*			*36-145%*	"						"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Percent Dry Weight (Solids) per Standard Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050481 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (6050481-DUP1)				**QC Source: PPE0255-10**				**Extracted: 05/10/06 14:58**						
% Solids	NCA SOP	95.6	---	1.00	% by Weight	1x	96.0	--	--	--	0.418%	(20)	05/11/06 10:39	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Notes and Definitions

Report Specific Notes:

A-01	-	Detected hydrocarbons appear to be due to heavily weathered diesel, oil range overlap, and possibly biogenic interference.
A-02	-	This compound is present in creosote.
A-03	-	Detected hydrocarbons appear to be due to weathered diesel as well as oil overlap.
A-04	-	Detected hydrocarbons appear to be due to heavy oil as well as biogenic interference.
A-05	-	Detected hydrocarbons appear to be due mainly to overlap from the heavy/oil range; however, there is weathered diesel detected.
A-09	-	Reporting limits are elevated due to acidic extract requiring dilution during extraction.
D-09	-	Detected hydrocarbons in the diesel range appear to be due to overlap of heavy/oil range hydrocarbons.
D-10	-	Detected hydrocarbons in the gasoline range appear to be due to overlap of diesel range hydrocarbons.
D-19	-	Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
Q-01	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch.
R-05	-	Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
R-08	-	Due to matrix unable to resolve Benzofluoranthene isomers. Value reported only in Benzo(b) category represents Total Benzo(b+k)fluoranthene.
S-01	-	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-02	-	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/25/06 18:22

Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Sarah Rockwell

Sarah Rockwell, Project Manager

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May 26, 2006

R. Scott Miller
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 05/04/06 13:00. The following list is a summary of the Work Orders contained in this report, generated on 05/26/06 17:52.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPE0193	Jeld Wen- Nord Door	008.228.00013

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP13-11.5	PPE0193-01	Soil	05/01/06 09:10	05/04/06 13:00
GP13-GW	PPE0193-02	Water	05/01/06 09:18	05/04/06 13:00
GP14-6	PPE0193-03	Soil	05/01/06 09:40	05/04/06 13:00
GP14-GW	PPE0193-04	Water	05/01/06 09:44	05/04/06 13:00
GP19-10	PPE0193-05	Soil	05/01/06 10:35	05/04/06 13:00
GP19-GW	PPE0193-06	Water	05/01/06 10:40	05/04/06 13:00
GP23-6	PPE0193-07	Soil	05/01/06 11:15	05/04/06 13:00
GP23-GW	PPE0193-08	Water	05/01/06 11:30	05/04/06 13:00
GP17-5	PPE0193-09	Soil	05/01/06 12:45	05/04/06 13:00
GP17-GW	PPE0193-10	Water	05/01/06 12:16	05/04/06 13:00
GP18-8	PPE0193-11	Soil	05/01/06 13:20	05/04/06 13:00
GP18-GW	PPE0193-12	Water	05/01/06 12:44	05/04/06 13:00
GP15-10	PPE0193-13	Soil	05/01/06 13:50	05/04/06 13:00
GP15-GW	PPE0193-14	Water	05/01/06 13:15	05/04/06 13:00
GP9-6	PPE0193-15	Soil	05/01/06 14:25	05/04/06 13:00
GP9-12	PPE0193-16	Soil	05/01/06 14:35	05/04/06 13:00
GP9-GW	PPE0193-17	Water	05/01/06 13:55	05/04/06 13:00
GP10-3	PPE0193-18	Soil	05/01/06 15:00	05/04/06 13:00
GP10-11	PPE0193-19	Soil	05/01/06 15:10	05/04/06 13:00
GP10-GW	PPE0193-20	Water	05/01/06 14:45	05/04/06 13:00
GP16-8	PPE0193-21	Soil	05/01/06 15:55	05/04/06 13:00
GP16-GW	PPE0193-22	Water	05/01/06 15:34	05/04/06 13:00
GP7-5	PPE0193-23	Soil	05/02/06 08:10	05/04/06 13:00
GP7-GW	PPE0193-24	Water	05/02/06 08:20	05/04/06 13:00
GP8-5	PPE0193-25	Soil	05/02/06 09:05	05/04/06 13:00
GP8-GW	PPE0193-26	Water	05/02/06 09:15	05/04/06 13:00
GP6-5	PPE0193-27	Soil	05/02/06 10:25	05/04/06 13:00
GP6-GW	PPE0193-28	Water	05/02/06 10:35	05/04/06 13:00
GP37-8	PPE0193-29	Soil	05/02/06 11:20	05/04/06 13:00
GP37-GW	PPE0193-30	Water	05/02/06 11:30	05/04/06 13:00
GP39-9	PPE0193-31	Soil	05/02/06 11:45	05/04/06 13:00
GP39-GW	PPE0193-32	Water	05/02/06 12:15	05/04/06 13:00
GP42-8	PPE0193-33	Soil	05/02/06 12:05	05/04/06 13:00
GP42-GW	PPE0193-34	Water	05/02/06 12:55	05/04/06 13:00
GP38-8	PPE0193-35	Soil	05/02/06 12:40	05/04/06 13:00

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP38-GW	PPE0193-36	Water	05/02/06 13:25	05/04/06 13:00
GP12-8	PPE0193-37	Soil	05/02/06 15:30	05/04/06 13:00
GP12-GW	PPE0193-38	Water	05/02/06 15:45	05/04/06 13:00
GP40-8	PPE0193-39	Soil	05/02/06 13:45	05/04/06 13:00
GP40-GW	PPE0193-40	Water	05/02/06 14:05	05/04/06 13:00
GP41-8	PPE0193-41	Soil	05/02/06 14:40	05/04/06 13:00
GP41-GW	PPE0193-42	Water	05/02/06 15:00	05/04/06 13:00

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-01 (GP13-11.5)		**Soil**				**Sampled: 05/01/06 09:10**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	21.0	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 21:13	
Diesel Range Hydrocarbons	"	ND	-----	52.4	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	105	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*87.7%*			*50 - 150 %*	"			"	
PPE0193-02 (GP13-GW)		**Water**				**Sampled: 05/01/06 09:18**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 12:41	
Diesel Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane		*73.8%*			*50 - 150 %*	"			"	
PPE0193-03 (GP14-6)		**Soil**				**Sampled: 05/01/06 09:40**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	21.0	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 18:36	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	52.5	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	105	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane		*60.7%*			*50 - 150 %*	"			"	
PPE0193-04 (GP14-GW)		**Water**				**Sampled: 05/01/06 09:44**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 13:14	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane		*69.1%*			*50 - 150 %*	"			"	
PPE0193-05 (GP19-10)		**Soil**				**Sampled: 05/01/06 10:35**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.8	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 17:00	
Diesel Range Hydrocarbons	"	ND	-----	44.6	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	89.2	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*102%*			*50 - 150 %*	"			"	
PPE0193-06 (GP19-GW)		**Water**				**Sampled: 05/01/06 10:40**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 13:47	
Diesel Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*78.7%*			*50 - 150 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-07 (GP23-6)		**Soil**				**Sampled: 05/01/06 11:15**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.9	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 18:04	
Diesel Range Hydrocarbons	"	ND	-----	44.7	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	89.3	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*90.1%*			*50 - 150 %*	"			"	
PPE0193-08 (GP23-GW)		**Water**				**Sampled: 05/01/06 11:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 14:20	
Diesel Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*76.3%*			*50 - 150 %*	"			"	
PPE0193-09 (GP17-5)		**Soil**				**Sampled: 05/01/06 12:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	20.3	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 22:16	
Diesel Range Hydrocarbons	"	ND	-----	50.8	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	102	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*97.6%*			*50 - 150 %*	"			"	
PPE0193-10 (GP17-GW)		**Water**				**Sampled: 05/01/06 12:16**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 14:53	
Diesel Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*75.6%*			*50 - 150 %*	"			"	
PPE0193-11 (GP18-8)		**Soil**				**Sampled: 05/01/06 13:20**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	24.3	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 17:32	
Diesel Range Hydrocarbons	"	ND	-----	60.7	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	121	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*98.3%*			*50 - 150 %*	"			"	
PPE0193-12 (GP18-GW)		**Water**				**Sampled: 05/01/06 12:44**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 15:26	
Diesel Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*74.0%*			*50 - 150 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-13 (GP15-10)		**Soil**				**Sampled: 05/01/06 13:50**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	23.5	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 20:10	
Diesel Range Hydrocarbons	"	ND	-----	58.8	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	118	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*98.2%*			*50 - 150 %*	"			"	
PPE0193-14 (GP15-GW)		**Water**				**Sampled: 05/01/06 13:15**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 15:59	
Diesel Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*70.4%*			*50 - 150 %*	"			"	
PPE0193-16 (GP9-12)		**Soil**				**Sampled: 05/01/06 14:35**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	22.9	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 19:39	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	57.2	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	114	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane		*50.7%*			*50 - 150 %*	"			"	
PPE0193-17 (GP9-GW)		**Water**				**Sampled: 05/01/06 13:55**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 16:32	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane		*292%*			*50 - 150 %*	"			"	***S-02***
PPE0193-19 (GP10-11)		**Soil**				**Sampled: 05/01/06 15:10**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	21.0	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 21:13	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	52.6	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	105	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane		*43.5%*			*50 - 150 %*	"			"	***S-02***
PPE0193-20 (GP10-GW)		**Water**				**Sampled: 05/01/06 14:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 17:05	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane		*NR*			*50 - 150 %*	"			"	***S-12***

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-21 (GP16-8)		**Soil**				**Sampled: 05/01/06 15:55**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	20.9	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 19:07	
Diesel Range Hydrocarbons	"	ND	-----	52.3	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	105	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*76.5%*			*50 - 150 %*	"			"	
PPE0193-22 (GP16-GW)		**Water**				**Sampled: 05/01/06 15:34**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 12:08	
Diesel Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*65.8%*			*50 - 150 %*	"			"	
PPE0193-23 (GP7-5)		**Soil**				**Sampled: 05/02/06 08:10**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	21.6	mg/kg dry	1x	6050383	05/09/06 10:45	05/10/06 20:42	
Diesel Range Hydrocarbons	"	ND	-----	54.1	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	108	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*93.9%*			*50 - 150 %*	"			"	
PPE0193-24 (GP7-GW)		**Water**				**Sampled: 05/02/06 08:20**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050306	05/06/06 13:55	05/07/06 12:41	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*77.1%*			*50 - 150 %*	"			"	
PPE0193-25 (GP8-5)		**Soil**				**Sampled: 05/02/06 09:05**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	22.2	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 07:02	
Diesel Range Hydrocarbons	"	ND	-----	55.4	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	111	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*99.1%*			*50 - 150 %*	"			"	
PPE0193-26 (GP8-GW)		**Water**				**Sampled: 05/02/06 09:15**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 13:14	
Diesel Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*74.1%*			*50 - 150 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-27 (GP6-5)		**Soil**				**Sampled: 05/02/06 10:25**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	13.6	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 07:35	
Diesel Range Hydrocarbons	"	ND	-----	34.1	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	68.2	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*96.5%*			*50 - 150 %*	"			"	
PPE0193-28 (GP6-GW)		**Water**				**Sampled: 05/02/06 10:35**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050306	05/06/06 13:55	05/07/06 13:47	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*66.8%*			*50 - 150 %*	"			"	
PPE0193-29 (GP37-8)		**Soil**				**Sampled: 05/02/06 11:20**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	18.5	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 08:08	
Diesel Range Hydrocarbons	"	ND	-----	46.3	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	92.6	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*121%*			*50 - 150 %*	"			"	
PPE0193-30 (GP37-GW)		**Water**				**Sampled: 05/02/06 11:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 14:20	
Diesel Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*66.7%*			*50 - 150 %*	"			"	
PPE0193-31 (GP39-9)		**Soil**				**Sampled: 05/02/06 11:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	19.0	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 08:42	
Diesel Range Hydrocarbons	"	ND	-----	47.6	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	95.2	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*94.5%*			*50 - 150 %*	"			"	
PPE0193-32 (GP39-GW)		**Water**				**Sampled: 05/02/06 12:15**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 14:53	
Diesel Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*69.5%*			*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-33 (GP42-8)		**Soil**				**Sampled: 05/02/06 12:05**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	19.6	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 09:15	
Diesel Range Hydrocarbons	"	ND	-----	49.0	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	97.9	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*99.1%*			*50 - 150 %*	"			"	
PPE0193-34 (GP42-GW)		**Water**				**Sampled: 05/02/06 12:55**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 15:26	
Diesel Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*64.0%*			*50 - 150 %*	"			"	
PPE0193-35 (GP38-8)		**Soil**				**Sampled: 05/02/06 12:40**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	21.8	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 14:43	
Diesel Range Hydrocarbons	"	ND	-----	54.6	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	109	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*110%*			*50 - 150 %*	"			"	
PPE0193-36 (GP38-GW)		**Water**				**Sampled: 05/02/06 13:25**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 15:59	
Diesel Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*64.0%*			*50 - 150 %*	"			"	
PPE0193-37 (GP12-8)		**Soil**				**Sampled: 05/02/06 15:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	23.2	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 15:15	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	58.1	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	116	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane		*NR*			*50 - 150 %*	"			"	***S-02***
PPE0193-38 (GP12-GW)		**Water**				**Sampled: 05/02/06 15:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 16:32	
Diesel Range Hydrocarbons	"	**DET**	-----	0.594	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*58.1%*			*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-39 (GP40-8)		**Soil**				**Sampled: 05/02/06 13:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.6	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 16:31	
Diesel Range Hydrocarbons	"	ND	-----	44.1	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	88.2	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*113%*			*50 - 150 %*	"			"	
PPE0193-40 (GP40-GW)		**Water**				**Sampled: 05/02/06 14:05**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 17:05	
Diesel Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*68.9%*			*50 - 150 %*	"			"	
PPE0193-41 (GP41-8)		**Soil**				**Sampled: 05/02/06 14:40**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	19.3	mg/kg dry	1x	6050384	05/09/06 12:30	05/10/06 21:45	
Diesel Range Hydrocarbons	"	ND	-----	48.3	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	96.6	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*110%*			*50 - 150 %*	"			"	
PPE0193-42 (GP41-GW)		**Water**				**Sampled: 05/02/06 15:00**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.236	mg/l	1x	6050306	05/06/06 13:55	05/07/06 17:39	
Diesel Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.594	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*71.3%*			*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Gasoline Hydrocarbons per NW TPH-Gx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-02 (GP13-GW)		**Water**				**Sampled: 05/01/06 09:18**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**179**	-----	80.0	ug/l	1x	6050345	05/08/06 12:14	05/09/06 01:53	
Surrogate(s): 4-BFB		*97.4%*			*50 - 150 %*	"			"	
PPE0193-03 (GP14-6)		**Soil**				**Sampled: 05/01/06 09:40**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**14.2**	-----	5.04	mg/kg dry	1x	6050603	05/12/06 14:45	05/15/06 16:04	
Surrogate(s): a,a,a-TFT		*61.3%*			*50 - 150 %*	"			"	
PPE0193-04RE1 (GP14-GW)		**Water**				**Sampled: 05/01/06 09:44**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**292**	-----	80.0	ug/l	1x	6050468	05/10/06 11:30	05/10/06 14:47	
Surrogate(s): 4-BFB		*56.2%*			*50 - 150 %*	"			"	
PPE0193-16 (GP9-12)		**Soil**				**Sampled: 05/01/06 14:35**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**24.9**	-----	4.68	mg/kg dry	1x	6050603	05/12/06 14:45	05/15/06 16:36	
Surrogate(s): a,a,a-TFT		*66.8%*			*50 - 150 %*	"			"	
PPE0193-17RE1 (GP9-GW)		**Water**				**Sampled: 05/01/06 13:55**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**6710**	-----	800	ug/l	10x	6050468	05/10/06 11:30	05/10/06 15:17	
Surrogate(s): 4-BFB		*76.6%*			*50 - 150 %*	*1x*			"	
PPE0193-19 (GP10-11)		**Soil**				**Sampled: 05/01/06 15:10**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**45.3**	-----	4.97	mg/kg dry	1x	6050603	05/12/06 14:45	05/15/06 17:06	
Surrogate(s): a,a,a-TFT		*62.3%*			*50 - 150 %*	"			"	
PPE0193-20 (GP10-GW)		**Water**				**Sampled: 05/01/06 14:45**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**9140**	-----	800	ug/l	10x	6050468	05/10/06 11:30	05/10/06 16:18	
Surrogate(s): 4-BFB		*94.0%*			*50 - 150 %*	*1x*			"	
PPE0193-37 (GP12-8)		**Soil**				**Sampled: 05/02/06 15:30**				
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	-----	4.88	mg/kg dry	1x	6050603	05/12/06 14:45	05/15/06 17:37	
Surrogate(s): a,a,a-TFT		*62.0%*			*50 - 150 %*	"			"	

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1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-15 (GP9-6)		**Soil**			**Sampled: 05/01/06 14:25**					
Diesel Range Organics	NWTPH-Dx	**12100**	-----	348	mg/kg dry	20x	6050381	05/09/06 14:00	05/14/06 07:39	**A-01**
Heavy Oil Range Hydrocarbons	"	**2700**	-----	697	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*NR*		*50 - 150 %*	"			"	***S-02***
PPE0193-18 (GP10-3)		**Soil**			**Sampled: 05/01/06 15:00**					
Diesel Range Organics	NWTPH-Dx	**440**	-----	296	mg/kg dry	20x	6050381	05/09/06 14:00	05/14/06 08:13	**A-01**
Heavy Oil Range Hydrocarbons	"	**1660**	-----	593	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*NR*		*50 - 150 %*	"			"	***S-01***

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-01 (GP13-11.5)		**Soil**			**Sampled: 05/01/06 09:10**					**O-07**
Diesel Range Organics	NWTPH-Dx	ND	-----	15.6	mg/kg dry	1x	6050717	05/16/06 16:00	05/18/06 04:11	
Heavy Oil Range Hydrocarbons	"	ND	-----	31.3	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*115%*			*50 - 150 %*	"			"	
PPE0193-02 (GP13-GW)		**Water**			**Sampled: 05/01/06 09:18**					
Diesel Range Organics	NWTPH-Dx	ND	-----	0.472	mg/l	1x	6050306	05/06/06 13:55	05/16/06 18:49	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.943	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*85.9%*			*50 - 150 %*	"			"	
PPE0193-03 (GP14-6)		**Soil**			**Sampled: 05/01/06 09:40**					**O-07**
Diesel Range Organics	NWTPH-Dx	**1460**	-----	82.5	mg/kg dry	5x	6050717	05/16/06 16:00	05/18/06 11:25	**A-05**
Heavy Oil Range Hydrocarbons	"	**284**	-----	165	"	"	"	"	"	**A-05**
Surrogate(s): 1-Chlorooctadecane		*92.7%*			*50 - 150 %*	"			"	
PPE0193-04 (GP14-GW)		**Water**			**Sampled: 05/01/06 09:44**					
Diesel Range Organics	NWTPH-Dx	**10.9**	-----	0.472	mg/l	1x	6050306	05/06/06 13:55	05/16/06 19:22	
Heavy Oil Range Hydrocarbons	"	**1.24**	-----	0.943	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*NR*			*50 - 150 %*	"			"	***S-02***
PPE0193-09 (GP17-5)		**Soil**			**Sampled: 05/01/06 12:45**					**O-07**
Diesel Range Organics	NWTPH-Dx	**41.0**	-----	27.7	mg/kg dry	2x	6050717	05/16/06 16:00	05/18/06 13:42	**D-09**
Heavy Oil Range Hydrocarbons	"	**639**	-----	55.4	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*93.8%*			*50 - 150 %*	"			"	
PPE0193-10 (GP17-GW)		**Water**			**Sampled: 05/01/06 12:16**					
Diesel Range Organics	NWTPH-Dx	ND	-----	0.472	mg/l	1x	6050306	05/06/06 13:55	05/16/06 19:55	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.943	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*86.1%*			*50 - 150 %*	"			"	
PPE0193-14 (GP15-GW)		**Water**			**Sampled: 05/01/06 13:15**					
Diesel Range Organics	NWTPH-Dx	**1.33**	-----	0.472	mg/l	1x	6050306	05/06/06 13:55	05/16/06 20:27	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.943	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*97.0%*			*50 - 150 %*	"			"	

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1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-16 (GP9-12)		**Soil**			**Sampled: 05/01/06 14:35**					**O-07**
Diesel Range Organics	NWTPH-Dx	**1580**	-----	31.0	mg/kg dry	2x	6050717	05/16/06 16:00	05/18/06 14:17	**A-05**
Heavy Oil Range Hydrocarbons	"	**371**	-----	62.0	"	"	"	"	"	**A-05**
Surrogate(s): 1-Chlorooctadecane		*36.7%*			*50 - 150 %*	"			"	***S-02***
PPE0193-17 (GP9-GW)		**Water**			**Sampled: 05/01/06 13:55**					
Diesel Range Organics	NWTPH-Dx	**23.1**	-----	0.472	mg/l	1x	6050306	05/06/06 13:55	05/16/06 21:00	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.943	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*392%*			*50 - 150 %*	"			"	***S-02***
PPE0193-19 (GP10-11)		**Soil**			**Sampled: 05/01/06 15:10**					**O-07**
Diesel Range Organics	NWTPH-Dx	**14600**	-----	162	mg/kg dry	10x	6050717	05/16/06 16:00	05/18/06 14:52	**A-05**
Heavy Oil Range Hydrocarbons	"	**3020**	-----	324	"	"	"	"	"	**A-05**
Surrogate(s): 1-Chlorooctadecane		*NR*			*50 - 150 %*	"			"	***S-02***
PPE0193-20 (GP10-GW)		**Water**			**Sampled: 05/01/06 14:45**					
Diesel Range Organics	NWTPH-Dx	**41.8**	-----	0.472	mg/l	1x	6050306	05/06/06 13:55	05/16/06 21:32	
Heavy Oil Range Hydrocarbons	"	**5.94**	-----	0.943	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*NR*			*50 - 150 %*	"			"	***S-02***
PPE0193-22 (GP16-GW)		**Water**			**Sampled: 05/01/06 15:34**					
Diesel Range Organics	NWTPH-Dx	**0.492**	-----	0.472	mg/l	1x	6050306	05/06/06 13:55	05/16/06 22:04	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.943	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*82.7%*			*50 - 150 %*	"			"	
PPE0193-29 (GP37-8)		**Soil**			**Sampled: 05/02/06 11:20**					
Diesel Range Organics	NWTPH-Dx	ND	-----	15.4	mg/kg dry	1x	6050717	05/16/06 16:00	05/18/06 11:59	
Heavy Oil Range Hydrocarbons	"	**63.7**	-----	30.8	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*106%*			*50 - 150 %*	"			"	
PPE0193-31 (GP39-9)		**Soil**			**Sampled: 05/02/06 11:45**					
Diesel Range Organics	NWTPH-Dx	ND	-----	69.0	mg/kg dry	5x	6050717	05/16/06 16:00	05/18/06 12:33	**R-05**
Heavy Oil Range Hydrocarbons	"	**290**	-----	138	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*84.3%*			*50 - 150 %*	"			"	

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-33 (GP42-8)		**Soil**			**Sampled: 05/02/06 12:05**					
Diesel Range Organics	NWTPH-Dx	ND	-----	12.9	mg/kg dry	1x	6050717	05/16/06 16:00	05/18/06 13:08	
Heavy Oil Range Hydrocarbons	"	**70.0**	-----	25.9	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*108%*			*50 - 150 %*	"			"	
PPE0193-37 (GP12-8)		**Soil**			**Sampled: 05/02/06 15:30**					
Diesel Range Organics	NWTPH-Dx	**2380**	-----	160	mg/kg dry	10x	6050717	05/16/06 16:00	05/19/06 08:00	**A-05**
Heavy Oil Range Hydrocarbons	"	**801**	-----	320	"	"	"	"	"	**A-05**
Surrogate(s): 1-Chlorooctadecane		*93.5%*			*50 - 150 %*	"			"	
PPE0193-38 (GP12-GW)		**Water**			**Sampled: 05/02/06 15:45**					
Diesel Range Organics	NWTPH-Dx	ND	-----	0.472	mg/l	1x	6050306	05/06/06 13:55	05/16/06 23:41	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.943	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*116%*			*50 - 150 %*	"			"	
PPE0193-41 (GP41-8)		**Soil**			**Sampled: 05/02/06 14:40**					
Diesel Range Organics	NWTPH-Dx	ND	-----	28.0	mg/kg dry	2x	6050717	05/16/06 16:00	05/19/06 08:34	**R-05**
Heavy Oil Range Hydrocarbons	"	**85.5**	-----	56.0	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*95.0%*			*50 - 150 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-02 (GP13-GW)		**Water**			**Sampled: 05/01/06 09:18**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050582	05/12/06 08:41	05/12/06 17:00	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-02 (GP13-GW)		**Water**			**Sampled: 05/01/06 09:18**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050582	05/12/06 08:41	05/12/06 17:00	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*94.5%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*120%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*119%*			*80 - 120 %*	"			"	
Toluene-d8		*107%*			*80 - 120 %*	"			"	

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West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-03 (GP14-6)		**Soil**			**Sampled: 05/01/06 09:40**					
Acetone	EPA 8260B	ND	-----	15600	ug/kg dry	5x	6050659	05/15/06 09:15	05/15/06 22:45	
Benzene	"	ND	-----	125	"	"	"	"	"	
Bromobenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
Bromochloromethane	"	ND	-----	624	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	624	"	"	"	"	"	
Bromoform	"	ND	-----	624	"	"	"	"	"	**A-07**
Bromomethane	"	ND	-----	3120	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	6240	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	3120	"	"	"	"	"	**A-07**
sec-Butylbenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
tert-Butylbenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
Carbon disulfide	"	ND	-----	6240	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	624	"	"	"	"	"	
Chlorobenzene	"	ND	-----	624	"	"	"	"	"	
Chloroethane	"	ND	-----	624	"	"	"	"	"	
Chloroform	"	ND	-----	624	"	"	"	"	"	
Chloromethane	"	ND	-----	3120	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	624	"	"	"	"	"	**A-07**
4-Chlorotoluene	"	ND	-----	624	"	"	"	"	"	**A-07**
1,2-Dibromo-3-chloropropane	"	ND	-----	3120	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	624	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	624	"	"	"	"	"	
Dibromomethane	"	ND	-----	624	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
1,3-Dichlorobenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
1,4-Dichlorobenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
Dichlorodifluoromethane	"	ND	-----	3120	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	624	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	624	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	624	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	624	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	624	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	624	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	624	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	624	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	624	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	624	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	624	"	"	"	"	"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-03 (GP14-6)		**Soil**			**Sampled: 05/01/06 09:40**					
Ethylbenzene	EPA 8260B	ND	-----	624	ug/kg dry	5x	6050659	05/15/06 09:15	05/15/06 22:45	**A-07**
Hexachlorobutadiene	"	ND	-----	2500	"	"	"	"	"	**A-07**
2-Hexanone	"	ND	-----	6240	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	1250	"	"	"	"	"	**A-07**
p-Isopropyltoluene	"	ND	-----	1250	"	"	"	"	"	**A-07**
4-Methyl-2-pentanone	"	ND	-----	3120	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	624	"	"	"	"	"	
Methylene chloride	"	ND	-----	3120	"	"	"	"	"	
Naphthalene	"	**58600**	-----	1250	"	"	"	"	"	**A-07**
n-Propylbenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
Styrene	"	ND	-----	624	"	"	"	"	"	**A-07**
1,1,1,2-Tetrachloroethane	"	ND	-----	624	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	624	"	"	"	"	"	**A-07**
Tetrachloroethene	"	ND	-----	624	"	"	"	"	"	
Toluene	"	ND	-----	624	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
1,2,4-Trichlorobenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
1,1,1-Trichloroethane	"	ND	-----	624	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	624	"	"	"	"	"	
Trichloroethene	"	ND	-----	624	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	624	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	624	"	"	"	"	"	**A-07**
1,2,4-Trimethylbenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
1,3,5-Trimethylbenzene	"	ND	-----	624	"	"	"	"	"	**A-07**
Vinyl chloride	"	ND	-----	624	"	"	"	"	"	
o-Xylene	"	ND	-----	624	"	"	"	"	"	**A-07**
m,p-Xylene	"	ND	-----	1250	"	"	"	"	"	**A-07**

Surrogate(s):	*4-BFB*	*102%*	*75 - 125 %*	*0.01x*	*"*
	1,2-DCA-d4	*96.4%*	*75 - 125 %*	*"*	*"*
	Dibromofluoromethane	*94.0%*	*75 - 125 %*	*"*	*"*
	Toluene-d8	*117%*	*75 - 125 %*	*"*	*"*

Sarah Rockwell

Sarah Rockwell, Project Manager

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West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-04RE1 (GP14-GW)		**Water**				**Sampled: 05/01/06 09:44**				**R-16**
Acetone	EPA 8260B	ND	-----	125	ug/l	5x	6050651	05/15/06 08:50	05/15/06 18:02	
Benzene	"	ND	-----	5.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	5.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	5.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	5.00	"	"	"	"	"	
Bromoform	"	ND	-----	5.00	"	"	"	"	"	
Bromomethane	"	ND	-----	25.0	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	50.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	25.0	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	50.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	5.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	5.00	"	"	"	"	"	
Chloroethane	"	ND	-----	5.00	"	"	"	"	"	
Chloroform	"	ND	-----	5.00	"	"	"	"	"	
Chloromethane	"	ND	-----	25.0	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	5.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	5.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	25.0	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	5.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	5.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	5.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	25.0	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	5.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	5.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	5.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	5.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	5.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	5.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	5.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	5.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	5.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-04RE1 (GP14-GW)		**Water**			**Sampled: 05/01/06 09:44**					**R-16**
Ethylbenzene	EPA 8260B	ND	-----	5.00	ug/l	5x	6050651	05/15/06 08:50	05/15/06 18:02	
Hexachlorobutadiene	"	ND	-----	20.0	"	"	"	"	"	
2-Hexanone	"	ND	-----	50.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	10.0	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	10.0	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	25.0	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	5.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	25.0	"	"	"	"	"	
Naphthalene	"	**800**	-----	10.0	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	5.00	"	"	"	"	"	
Styrene	"	ND	-----	5.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	5.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	5.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	5.00	"	"	"	"	"	
Toluene	"	ND	-----	5.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	5.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	5.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	5.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	5.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	5.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	5.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	5.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	5.00	"	"	"	"	"	
o-Xylene	"	ND	-----	5.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	10.0	"	"	"	"	"	

Surrogate(s):	*4-BFB*	*92.0%*	*80 - 120 %*	*1x*	*"*
	1,2-DCA-d4	*110%*	*80 - 120 %*	*"*	*"*
	Dibromofluoromethane	*106%*	*80 - 120 %*	*"*	*"*
	Toluene-d8	*99.0%*	*80 - 120 %*	*"*	*"*

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-06 (GP19-GW)		**Water**			**Sampled: 05/01/06 10:40**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050348	05/08/06 12:19	05/08/06 20:18	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-06 (GP19-GW)		**Water**			**Sampled: 05/01/06 10:40**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050348	05/08/06 12:19	05/08/06 20:18	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*87.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*99.5%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*97.5%*			*80 - 120 %*	"			"	
Toluene-d8		*89.5%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-08 (GP23-GW)		**Water**			**Sampled: 05/01/06 11:30**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050348	05/08/06 12:19	05/08/06 19:51	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-08 (GP23-GW)		**Water**			**Sampled: 05/01/06 11:30**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050348	05/08/06 12:19	05/08/06 19:51	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*86.5%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*97.0%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*96.0%*			*80 - 120 %*	"			"	
Toluene-d8		*95.5%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-17RE1 (GP9-GW)		**Water**				**Sampled: 05/01/06 13:55**				**R-16**
Acetone	EPA 8260B	ND	-----	2500	ug/l	100x	6050651	05/15/06 08:50	05/15/06 18:29	
Benzene	"	ND	-----	100	"	"	"	"	"	
Bromobenzene	"	ND	-----	100	"	"	"	"	"	
Bromochloromethane	"	ND	-----	100	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	100	"	"	"	"	"	
Bromoform	"	ND	-----	100	"	"	"	"	"	
Bromomethane	"	ND	-----	500	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1000	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	500	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	100	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	100	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1000	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	100	"	"	"	"	"	
Chlorobenzene	"	ND	-----	100	"	"	"	"	"	
Chloroethane	"	ND	-----	100	"	"	"	"	"	
Chloroform	"	ND	-----	100	"	"	"	"	"	
Chloromethane	"	ND	-----	500	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	100	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	100	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	500	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	100	"	"	"	"	"	
Dibromomethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	500	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	100	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	100	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	100	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	100	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-17RE1 (GP9-GW)		**Water**			**Sampled: 05/01/06 13:55**					**R-16**
Ethylbenzene	EPA 8260B	ND	-----	100	ug/l	100x	6050651	05/15/06 08:50	05/15/06 18:29	
Hexachlorobutadiene	"	ND	-----	400	"	"	"	"	"	
2-Hexanone	"	ND	-----	1000	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	200	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	200	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	100	"	"	"	"	"	
Methylene chloride	"	ND	-----	500	"	"	"	"	"	
Naphthalene	"	**17400**	-----	200	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	100	"	"	"	"	"	
Styrene	"	ND	-----	100	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	100	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	100	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	100	"	"	"	"	"	
Toluene	"	**125**	-----	100	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	100	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	100	"	"	"	"	"	
Trichloroethene	"	ND	-----	100	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	100	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	100	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	100	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	100	"	"	"	"	"	
Vinyl chloride	"	ND	-----	100	"	"	"	"	"	
o-Xylene	"	ND	-----	100	"	"	"	"	"	
m,p-Xylene	"	ND	-----	200	"	"	"	"	"	

Surrogate(s):	*4-BFB*	*94.0%*	*80 - 120 %*	*1x*	*"*
	1,2-DCA-d4	*108%*	*80 - 120 %*	*"*	*"*
	Dibromofluoromethane	*105%*	*80 - 120 %*	*"*	*"*
	Toluene-d8	*98.5%*	*80 - 120 %*	*"*	*"*

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-20RE1 (GP10-GW)		**Water**				**Sampled: 05/01/06 14:45**				**R-16**
Acetone	EPA 8260B	ND	-----	2500	ug/l	100x	6050651	05/15/06 08:50	05/15/06 18:56	
Benzene	"	**103**	-----	100	"	"	"	"	"	
Bromobenzene	"	ND	-----	100	"	"	"	"	"	
Bromochloromethane	"	ND	-----	100	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	100	"	"	"	"	"	
Bromoform	"	ND	-----	100	"	"	"	"	"	
Bromomethane	"	ND	-----	500	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1000	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	500	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	100	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	100	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1000	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	100	"	"	"	"	"	
Chlorobenzene	"	ND	-----	100	"	"	"	"	"	
Chloroethane	"	ND	-----	100	"	"	"	"	"	
Chloroform	"	ND	-----	100	"	"	"	"	"	
Chloromethane	"	ND	-----	500	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	100	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	100	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	500	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	100	"	"	"	"	"	
Dibromomethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	500	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	100	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	100	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	100	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	100	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-20RE1 (GP10-GW)		**Water**			**Sampled: 05/01/06 14:45**					**R-16**
Ethylbenzene	EPA 8260B	ND	-----	100	ug/l	100x	6050651	05/15/06 08:50	05/15/06 18:56	
Hexachlorobutadiene	"	ND	-----	400	"	"	"	"	"	
2-Hexanone	"	ND	-----	1000	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	200	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	200	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	100	"	"	"	"	"	
Methylene chloride	"	ND	-----	500	"	"	"	"	"	
Naphthalene	"	**13800**	-----	200	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	100	"	"	"	"	"	
Styrene	"	ND	-----	100	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	100	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	100	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	100	"	"	"	"	"	
Toluene	"	**125**	-----	100	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	100	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	100	"	"	"	"	"	
Trichloroethene	"	ND	-----	100	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	100	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	100	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	100	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	100	"	"	"	"	"	
Vinyl chloride	"	ND	-----	100	"	"	"	"	"	
o-Xylene	"	ND	-----	100	"	"	"	"	"	
m,p-Xylene	"	ND	-----	200	"	"	"	"	"	

Surrogate(s):	*4-BFB*	*93.5%*	*80 - 120 %*	*1x*	*"*
	1,2-DCA-d4	*108%*	*80 - 120 %*	*"*	*"*
	Dibromofluoromethane	*106%*	*80 - 120 %*	*"*	*"*
	Toluene-d8	*99.0%*	*80 - 120 %*	*"*	*"*

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-34 (GP42-GW)		**Water**			**Sampled: 05/02/06 12:55**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050582	05/12/06 08:41	05/12/06 16:02	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-34 (GP42-GW)		**Water**			**Sampled: 05/02/06 12:55**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050582	05/12/06 08:41	05/12/06 16:02	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*82.5%*			*80 - 120 %*	"		"		
1,2-DCA-d4		*122%*			*80 - 120 %*	"		"		***SR-3***
Dibromofluoromethane		*116%*			*80 - 120 %*	"		"		
Toluene-d8		*102%*			*80 - 120 %*	"		"		

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-38 (GP12-GW)		**Water**			**Sampled: 05/02/06 15:45**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050348	05/08/06 12:19	05/08/06 20:45	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-38 (GP12-GW)		**Water**			**Sampled: 05/02/06 15:45**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050348	05/08/06 12:19	05/08/06 20:45	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*89.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*99.0%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*97.0%*			*80 - 120 %*	"			"	
Toluene-d8		*93.0%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-42 (GP41-GW)		**Water**			**Sampled: 05/02/06 15:00**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050582	05/12/06 08:41	05/12/06 16:31	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-42 (GP41-GW)		**Water**			**Sampled: 05/02/06 15:00**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050582	05/12/06 08:41	05/12/06 16:31	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*86.0%*			*80 - 120 %*	"		"		
1,2-DCA-d4		*124%*			*80 - 120 %*	"		"		***SR-3***
Dibromofluoromethane		*121%*			*80 - 120 %*	"		"		***SR-3***
Toluene-d8		*105%*			*80 - 120 %*	"		"		

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-01 (GP13-11.5)		**Soil**			**Sampled: 05/01/06 09:10**					
Carbazole	EPA 8270C	ND	-----	0.404	mg/kg dry	1x	6050448	05/10/06 11:30	05/19/06 01:46	**A-02**
Acenaphthene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	1.22	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	1.22	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	0.404	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	0.404	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	0.404	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	2.45	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	0.404	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	0.404	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	0.404	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	0.404	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	0.404	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	0.404	"	"	"	"	"	
Chrysene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	1.22	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	0.404	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	0.404	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	1.22	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.22	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.22	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	1.22	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	0.404	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	0.404	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	1.22	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	0.404	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	1.22	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	2.45	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	0.612	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	0.612	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-01 (GP13-11.5)		**Soil**			**Sampled: 05/01/06 09:10**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	2.45	mg/kg dry	1x	6050448	05/10/06 11:30	05/19/06 01:46	
Fluoranthene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	0.404	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	1.22	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	1.22	"	"	"	"	"	
Hexachloroethane	"	ND	-----	1.22	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	0.404	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	0.404	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	0.404	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	1.22	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	0.404	"	"	"	"	"	
Nitrobenzene	"	ND	-----	0.404	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	0.404	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	1.22	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	0.404	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	0.404	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	1.22	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	0.404	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	0.404	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	1.22	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	0.404	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	0.404	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*76.5%*	*44 - 146 %*	"		"
	2-Fluorophenol	*74.2%*	*42 - 126 %*	"		"
	Nitrobenzene-d5	*71.9%*	*42 - 126 %*	"		"
	Phenol-d6	*71.9%*	*42 - 131 %*	"		"
	p-Terphenyl-d14	*84.0%*	*49 - 150 %*	"		"
	2,4,6-Tribromophenol	*76.0%*	*48 - 119 %*	"		"

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-02 (GP13-GW)		**Water**			**Sampled: 05/01/06 09:18**					
Carbazole	EPA 8270C	**9.57**	-----	4.76	ug/l	1x	6050299	05/05/06 20:00	05/18/06 05:25	**A-02**
Acenaphthene	"	**60.2**	-----	4.76	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Chrysene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-02 (GP13-GW)		**Water**			**Sampled: 05/01/06 09:18**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.52	ug/l	1x	6050299	05/05/06 20:00	05/18/06 05:25	
Fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Fluorene	"	**10.0**	-----	4.76	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*77.0%*	*28 - 118 %*	"	"
	2-Fluorophenol	*56.4%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*74.2%*	*37 - 124 %*	"	"
	Phenol-d6	*48.5%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*96.2%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*76.2%*	*31 - 142 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-03 (GP14-6)		**Soil**			**Sampled: 05/01/06 09:40**					**R-05**
Carbazole	EPA 8270C	**8.14**	-----	4.25	mg/kg dry	10x	6050448	05/10/06 11:30	05/18/06 01:47	**A-02**
Acenaphthene	"	**26.6**	-----	4.25	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.25	"	"	"	"	"	**A-02**
Anthracene	"	**21.9**	-----	4.25	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	**6.77**	-----	4.25	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.25	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.25	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.25	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.25	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	12.9	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	12.9	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.25	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.25	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.25	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	25.8	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	4.25	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.25	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	4.25	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.25	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.25	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.25	"	"	"	"	"	
Chrysene	"	**7.83**	-----	4.25	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	12.9	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.25	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.25	"	"	"	"	"	**A-02**
Dibenzofuran	"	**15.6**	-----	4.25	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	12.9	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	12.9	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	12.9	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	12.9	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.25	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.25	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	12.9	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.25	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	12.9	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	25.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	6.44	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	6.44	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-03 (GP14-6)		**Soil**			**Sampled: 05/01/06 09:40**					**R-05**
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	25.8	mg/kg dry	10x	6050448	05/10/06 11:30	05/18/06 01:47	
Fluoranthene	"	**32.8**	-----	4.25	"	"	"	"	"	**A-02**
Fluorene	"	**24.4**	-----	4.25	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.25	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	12.9	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	12.9	"	"	"	"	"	
Hexachloroethane	"	ND	-----	12.9	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.25	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.25	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	**14.8**	-----	4.25	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	4.25	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.25	"	"	"	"	"	**A-02**
Naphthalene	"	**38.0**	-----	4.25	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.25	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	12.9	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	4.25	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.25	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.25	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	12.9	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	4.25	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.25	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	12.9	"	"	"	"	"	**A-02**
Phenanthrene	"	**59.9**	-----	4.25	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	4.25	"	"	"	"	"	**A-02**
Pyrene	"	**24.0**	-----	4.25	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	12.9	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.25	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.25	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*77.3%*	*44 - 146 %*	"	"	
	2-Fluorophenol	*58.5%*	*42 - 126 %*	"	"	
	Nitrobenzene-d5	*60.2%*	*42 - 126 %*	"	"	***J***
	Phenol-d6	*61.6%*	*42 - 131 %*	"	"	
	p-Terphenyl-d14	*89.1%*	*49 - 150 %*	"	"	
	2,4,6-Tribromophenol	*74.5%*	*48 - 119 %*	"	"	

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Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-04 (GP14-GW)		**Water**			**Sampled: 05/01/06 09:44**					**R-05**
Carbazole	EPA 8270C	**54.1**	-----	47.6	ug/l	10x	6050299	05/05/06 20:00	05/11/06 15:25	**A-02**
Acenaphthene	"	**401**	-----	47.6	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	476	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	95.2	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	47.6	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	47.6	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	47.6	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	190	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	95.2	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	47.6	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	95.2	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	47.6	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	47.6	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	47.6	"	"	"	"	"	
Chrysene	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	47.6	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	47.6	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Dibenzofuran	"	**127**	-----	47.6	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	47.6	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	47.6	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	47.6	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	47.6	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	47.6	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	47.6	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	95.2	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	47.6	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	95.2	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	238	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	47.6	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	47.6	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-04 (GP14-GW)		**Water**			**Sampled: 05/01/06 09:44**					**R-05**
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	95.2	ug/l	10x	6050299	05/05/06 20:00	05/11/06 15:25	
Fluoranthene	"	**89.2**	-----	47.6	"	"	"	"	"	**A-02**
Fluorene	"	**166**	-----	47.6	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	47.6	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	95.2	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	95.2	"	"	"	"	"	
Hexachloroethane	"	ND	-----	95.2	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	47.6	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	**184**	-----	47.6	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	95.2	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Naphthalene	"	**948**	-----	47.6	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	47.6	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	95.2	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	95.2	"	"	"	"	"	
Nitrobenzene	"	ND	-----	47.6	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	47.6	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	238	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	95.2	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	47.6	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	95.2	"	"	"	"	"	**A-02**
Phenanthrene	"	**306**	-----	47.6	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	47.6	"	"	"	"	"	**A-02**
Pyrene	"	**59.2**	-----	47.6	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	47.6	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	47.6	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	47.6	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*75.5%*	*28 - 118 %*	"	"
	2-Fluorophenol	*75.5%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*77.6%*	*37 - 124 %*	"	"
	Phenol-d6	*72.0%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*91.9%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*88.8%*	*31 - 142 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-06 (GP19-GW)		**Water**			**Sampled: 05/01/06 10:40**					
Carbazole	EPA 8270C	ND	-----	4.76	ug/l	1x	6050299	05/05/06 20:00	05/11/06 16:07	**A-02**
Acenaphthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Chrysene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	

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ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-06 (GP19-GW)		**Water**			**Sampled: 05/01/06 10:40**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.52	ug/l	1x	6050299	05/05/06 20:00	05/11/06 16:07	
Fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*74.8%*	*28 - 118 %*	"		"
	2-Fluorophenol	*93.7%*	*12 - 100 %*	"		"
	Nitrobenzene-d5	*86.6%*	*37 - 124 %*	"		"
	Phenol-d6	*80.4%*	*4 - 105 %*	"		"
	p-Terphenyl-d14	*106%*	*44 - 140 %*	"		"
	2,4,6-Tribromophenol	*96.5%*	*31 - 142 %*	"		"

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-08 (GP23-GW)		**Water**			**Sampled: 05/01/06 11:30**					
Carbazole	EPA 8270C	ND	-----	4.76	ug/l	1x	6050299	05/05/06 20:00	05/11/06 16:50	**A-02**
Acenaphthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Chrysene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-08 (GP23-GW)		**Water**			**Sampled: 05/01/06 11:30**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.52	ug/l	1x	6050299	05/05/06 20:00	05/11/06 16:50	
Fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*78.2%*	*28 - 118 %*	"		"
	2-Fluorophenol	*97.2%*	*12 - 100 %*	"		"
	Nitrobenzene-d5	*86.3%*	*37 - 124 %*	"		"
	Phenol-d6	*82.5%*	*4 - 105 %*	"		"
	p-Terphenyl-d14	*106%*	*44 - 140 %*	"		"
	2,4,6-Tribromophenol	*101%*	*31 - 142 %*	"		"

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-09 (GP17-5)		**Soil**			**Sampled: 05/01/06 12:45**					**R-05**
Carbazole	EPA 8270C	ND	-----	0.734	mg/kg dry	1x	6050448	05/10/06 11:30	05/18/06 01:03	**A-02**
Acenaphthene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	2.22	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	2.22	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	0.734	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	0.734	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	0.734	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	4.45	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	0.734	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	0.734	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	0.734	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	0.734	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	0.734	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	0.734	"	"	"	"	"	
Chrysene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	2.22	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	0.734	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	0.734	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	2.22	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	2.22	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	2.22	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	2.22	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	0.734	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	0.734	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	2.22	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	0.734	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	2.22	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	4.45	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	1.11	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	1.11	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-09 (GP17-5)		**Soil**			**Sampled: 05/01/06 12:45**					**R-05**
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	4.45	mg/kg dry	1x	6050448	05/10/06 11:30	05/18/06 01:03	
Fluoranthene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	0.734	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	2.22	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	2.22	"	"	"	"	"	
Hexachloroethane	"	ND	-----	2.22	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	0.734	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	0.734	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	0.734	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	2.22	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	0.734	"	"	"	"	"	
Nitrobenzene	"	ND	-----	0.734	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	0.734	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	2.22	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	0.734	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	0.734	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	2.22	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	0.734	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	0.734	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	2.22	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	0.734	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	0.734	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*93.5%*	*44 - 146 %*	"		"
	2-Fluorophenol	*80.8%*	*42 - 126 %*	"		"
	Nitrobenzene-d5	*77.7%*	*42 - 126 %*	"		"
	Phenol-d6	*81.7%*	*42 - 131 %*	"		"
	p-Terphenyl-d14	*116%*	*49 - 150 %*	"		"
	2,4,6-Tribromophenol	*96.0%*	*48 - 119 %*	"		"

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-10 (GP17-GW)		**Water**			**Sampled: 05/01/06 12:16**					
Carbazole	EPA 8270C	ND	-----	4.72	ug/l	1x	6050299	05/05/06 20:00	05/11/06 17:33	**A-02**
Acenaphthene	"	**52.4**	-----	4.72	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.2	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.43	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	18.9	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.43	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.72	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.43	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.72	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Chrysene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	4.72	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.43	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.6	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-10 (GP17-GW)		**Water**			**Sampled: 05/01/06 12:16**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.43	ug/l	1x	6050299	05/05/06 20:00	05/11/06 17:33	
Fluoranthene	"	ND	-----	4.72	"	"	"	"	"	A-02
Fluorene	"	**8.62**	-----	4.72	"	"	"	"	"	A-02
Hexachlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.43	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.72	"	"	"	"	"	A-02
Isophorone	"	ND	-----	4.72	"	"	"	"	"	A-02
2-Methylnaphthalene	"	**8.55**	-----	4.72	"	"	"	"	"	A-02
2-Methylphenol	"	ND	-----	9.43	"	"	"	"	"	A-02
3-,4-Methylphenol	"	ND	-----	4.72	"	"	"	"	"	A-02
Naphthalene	"	ND	-----	4.72	"	"	"	"	"	A-02
2-Nitroaniline	"	ND	-----	4.72	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.72	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.6	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.43	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.72	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.43	"	"	"	"	"	A-02
Phenanthrene	"	ND	-----	4.72	"	"	"	"	"	A-02
Phenol	"	ND	-----	4.72	"	"	"	"	"	A-02
Pyrene	"	ND	-----	4.72	"	"	"	"	"	A-02
1,2,4-Trichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*83.6%*	*28 - 118 %*	"	"
	2-Fluorophenol	*83.8%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*91.2%*	*37 - 124 %*	"	"
	Phenol-d6	*72.5%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*99.4%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*105%*	*31 - 142 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-13 (GP15-10)		**Soil**			**Sampled: 05/01/06 13:50**					
Carbazole	EPA 8270C	**3.34**	-----	0.388	mg/kg dry	1x	6050448	05/10/06 11:30	05/18/06 22:05	**A-02**
Acenaphthene	"	**1.28**	-----	0.388	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	1.18	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	1.18	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	0.388	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	0.388	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	0.388	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	2.35	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	0.388	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	0.388	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	0.388	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	0.388	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	0.388	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	0.388	"	"	"	"	"	
Chrysene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	1.18	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	0.388	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Dibenzofuran	"	**1.52**	-----	0.388	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	1.18	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.18	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.18	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	1.18	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	0.388	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	0.388	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	1.18	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	0.388	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	1.18	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	2.35	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	0.588	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	0.588	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-13 (GP15-10)		**Soil**			**Sampled: 05/01/06 13:50**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	2.35	mg/kg dry	1x	6050448	05/10/06 11:30	05/18/06 22:05	
Fluoranthene	"	**0.937**	-----	0.388	"	"	"	"	"	**A-02**
Fluorene	"	**2.83**	-----	0.388	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	0.388	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	1.18	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	1.18	"	"	"	"	"	
Hexachloroethane	"	ND	-----	1.18	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	0.388	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	0.388	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	0.388	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Naphthalene	"	**0.447**	-----	0.388	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	0.388	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	1.18	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	0.388	"	"	"	"	"	
Nitrobenzene	"	ND	-----	0.388	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	0.388	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	1.18	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	0.388	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	0.388	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	1.18	"	"	"	"	"	**A-02**
Phenanthrene	"	**1.83**	-----	0.388	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	0.388	"	"	"	"	"	**A-02**
Pyrene	"	**0.660**	-----	0.388	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	1.18	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	0.388	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	0.388	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*83.7%*	*44 - 146 %*	"	"
	2-Fluorophenol	*79.9%*	*42 - 126 %*	"	"
	Nitrobenzene-d5	*74.8%*	*42 - 126 %*	"	"
	Phenol-d6	*77.0%*	*42 - 131 %*	"	"
	p-Terphenyl-d14	*95.6%*	*49 - 150 %*	"	"
	2,4,6-Tribromophenol	*92.9%*	*48 - 119 %*	"	"

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1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
PPE0193-14 (GP15-GW)		**Water**			**Sampled: 05/01/06 13:15**						
Carbazole	EPA 8270C	**163**	-----	23.6	ug/l	5x	6050299	05/05/06 20:00	05/18/06 03:15		**A-02**
Acenaphthene	"	**517**	-----	23.6	"	"	"	"	"		**A-02**
Acenaphthylene	"	ND	-----	4.72	"	1x	"	"	05/16/06 22:30	**A-02**	
Anthracene	"	**6.18**	-----	4.72	"	"	"	"	"		**A-02**
Benzo (a) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzo (a) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzo (b) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzo (ghi) perylene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzo (k) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzoic Acid	"	ND	-----	47.2	"	"	"	"	"		
Benzyl alcohol	"	ND	-----	9.43	"	"	"	"	"		
4-Bromophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"		
Butyl benzyl phthalate	"	ND	-----	4.72	"	"	"	"	"		
4-Chloro-3-methylphenol	"	ND	-----	4.72	"	"	"	"	"		
4-Chloroaniline	"	ND	-----	18.9	"	"	"	"	"		
Bis(2-chloroethoxy)methane	"	ND	-----	9.43	"	"	"	"	"		
Bis(2-chloroethyl)ether	"	ND	-----	4.72	"	"	"	"	"		
Bis(2-chloroisopropyl)ether	"	ND	-----	9.43	"	"	"	"	"		
2-Chloronaphthalene	"	ND	-----	4.72	"	"	"	"	"		
2-Chlorophenol	"	ND	-----	4.72	"	"	"	"	"		
4-Chlorophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"		
Chrysene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Di-n-butyl phthalate	"	ND	-----	4.72	"	"	"	"	"		
Di-n-octyl phthalate	"	ND	-----	4.72	"	"	"	"	"		
Dibenzo (a,h) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Dibenzofuran	"	**206**	-----	23.6	"	5x	"	"	05/18/06 03:15		**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.72	"	1x	"	"	05/16/06 22:30		
1,3-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"		
1,4-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"		
3,3´-Dichlorobenzidine	"	ND	-----	4.72	"	"	"	"	"		
2,4-Dichlorophenol	"	ND	-----	4.72	"	"	"	"	"		
Diethyl phthalate	"	ND	-----	4.72	"	"	"	"	"		
2,4-Dimethylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**	
Dimethyl phthalate	"	ND	-----	4.72	"	"	"	"	"		
4,6-Dinitro-2-methylphenol	"	ND	-----	9.43	"	"	"	"	"		
2,4-Dinitrophenol	"	ND	-----	23.6	"	"	"	"	"		
2,4-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"		
2,6-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"		

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
PPE0193-14 (GP15-GW)		**Water**				**Sampled: 05/01/06 13:15**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.43	ug/l	1x	6050299	05/05/06 20:00	05/16/06 22:30		
Fluoranthene	"	**12.2**	-----	4.72	"	"	"	"	"		**A-02**
Fluorene	"	**200**	-----	23.6	"	5x	"	"	05/18/06 03:15		**A-02**
Hexachlorobenzene	"	ND	-----	4.72	"	1x	"	"	05/16/06 22:30		
Hexachlorobutadiene	"	ND	-----	9.43	"	"	"	"	"		
Hexachlorocyclopentadiene	"	ND	-----	9.43	"	"	"	"	"		
Hexachloroethane	"	ND	-----	9.43	"	"	"	"	"		
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Isophorone	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
2-Methylnaphthalene	"	**55.2**	-----	4.72	"	"	"	"	"		**A-02**
2-Methylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**	
3-,4-Methylphenol	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Naphthalene	"	**7.88**	-----	4.72	"	"	"	"	"		**A-02**
2-Nitroaniline	"	ND	-----	4.72	"	"	"	"	"		
3-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"		
4-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"		
Nitrobenzene	"	ND	-----	4.72	"	"	"	"	"		
2-Nitrophenol	"	ND	-----	4.72	"	"	"	"	"		
4-Nitrophenol	"	ND	-----	23.6	"	"	"	"	"		
N-Nitrosodi-n-propylamine	"	ND	-----	9.43	"	"	"	"	"		
N-Nitrosodiphenylamine	"	ND	-----	4.72	"	"	"	"	"		
Pentachlorophenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**	
Phenanthrene	"	**84.4**	-----	4.72	"	"	"	"	"		**A-02**
Phenol	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Pyrene	"	**7.04**	-----	4.72	"	"	"	"	"		**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.72	"	"	"	"	"		
2,4,5-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"		
2,4,6-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"		

Surrogate(s):	*2-Fluorobiphenyl*	*87.0%*	*28 - 118 %*	"	"
	2-Fluorophenol	*90.8%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*85.6%*	*37 - 124 %*	"	"
	Phenol-d6	*85.9%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*110%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*106%*	*31 - 142 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-15 (GP9-6)		**Soil**			**Sampled: 05/01/06 14:25**					**R-05**
Carbazole	EPA 8270C	**232**	-----	88.8	mg/kg dry	100x	6050448	05/10/06 11:30	05/18/06 23:34	**A-02, A-03**
Acenaphthene	"	**499**	-----	88.8	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	88.8	"	"	"	"	"	**A-02**
Anthracene	"	**460**	-----	88.8	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	**137**	-----	88.8	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	88.8	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	88.8	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	88.8	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	88.8	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	269	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	269	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	88.8	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	88.8	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	88.8	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	538	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	88.8	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	88.8	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	88.8	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	88.8	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	88.8	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	88.8	"	"	"	"	"	
Chrysene	"	**201**	-----	88.8	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	269	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	88.8	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	88.8	"	"	"	"	"	**A-02**
Dibenzofuran	"	**276**	-----	88.8	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	269	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	269	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	269	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	269	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	88.8	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	88.8	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	269	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	88.8	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	269	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	538	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	134	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	134	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-15 (GP9-6)		**Soil**			**Sampled: 05/01/06 14:25**					**R-05**
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	538	mg/kg dry	100x	6050448	05/10/06 11:30	05/18/06 23:34	
Fluoranthene	"	**577**	-----	88.8	"	"	"	"	"	**A-02**
Fluorene	"	**421**	-----	88.8	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	88.8	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	269	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	269	"	"	"	"	"	
Hexachloroethane	"	ND	-----	269	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	88.8	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	88.8	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	**362**	-----	88.8	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	88.8	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	88.8	"	"	"	"	"	**A-02**
Naphthalene	"	**1060**	-----	88.8	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	88.8	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	269	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	88.8	"	"	"	"	"	
Nitrobenzene	"	ND	-----	88.8	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	88.8	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	269	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	88.8	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	88.8	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	269	"	"	"	"	"	**A-02**
Phenanthrene	"	**1080**	-----	88.8	"	"	"	"	"	**A-02, A-03**
Phenol	"	ND	-----	88.8	"	"	"	"	"	**A-02**
Pyrene	"	**496**	-----	88.8	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	269	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	88.8	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	88.8	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*NR*	*44 - 146 %*	"	"	***S-01***
	2-Fluorophenol	*NR*	*42 - 126 %*	"	"	***S-01***
	Nitrobenzene-d5	*NR*	*42 - 126 %*	"	"	***S-01***
	Phenol-d6	*NR*	*42 - 131 %*	"	"	***S-01***
	p-Terphenyl-d14	*NR*	*49 - 150 %*	"	"	***S-01***
	2,4,6-Tribromophenol	*NR*	*48 - 119 %*	"	"	***S-01***

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-17 (GP9-GW)		**Water**			**Sampled: 05/01/06 13:55**					**R-05**
Carbazole	EPA 8270C	**681**	-----	47.2	ug/l	10x	6050299	05/05/06 20:00	05/16/06 23:14	**A-03, A-02**
Acenaphthene	"	**859**	-----	47.2	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	47.2	"	"	"	"	"	**A-02**
Anthracene	"	**271**	-----	47.2	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	**100**	-----	47.2	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	**61.6**	-----	47.2	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	**59.4**	-----	47.2	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	47.2	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	**56.3**	-----	47.2	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	472	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	94.3	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	47.2	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	47.2	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	189	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	94.3	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	47.2	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	94.3	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	47.2	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	47.2	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	47.2	"	"	"	"	"	
Chrysene	"	**167**	-----	47.2	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	47.2	"	"	"	"	"	**A-02**
Dibenzofuran	"	**425**	-----	47.2	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	47.2	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	47.2	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
2,4-Dimethylphenol	"	**3890**	-----	943	"	100x	"	"	05/18/06 03:59	**A-02**
Dimethyl phthalate	"	ND	-----	47.2	"	10x	"	"	05/16/06 23:14	
4,6-Dinitro-2-methylphenol	"	ND	-----	94.3	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	236	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	47.2	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	47.2	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	94.3	"	"	"	"	"	

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-17 (GP9-GW)		**Water**			**Sampled: 05/01/06 13:55**					**R-05**
Fluoranthene	EPA 8270C	**469**	-----	47.2	ug/l	10x	6050299	05/05/06 20:00	05/16/06 23:14	**A-02**
Fluorene	"	**504**	-----	47.2	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	94.3	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	94.3	"	"	"	"	"	
Hexachloroethane	"	ND	-----	94.3	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	47.2	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	47.2	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	**1250**	-----	47.2	"	"	"	"	"	**A-02**
2-Methylphenol	"	**331**	-----	94.3	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	**492**	-----	47.2	"	"	"	"	"	**A-02**
Naphthalene	"	**13900**	-----	472	"	100x	"	"	05/18/06 03:59	**A-02**
2-Nitroaniline	"	ND	-----	47.2	"	10x	"	"	05/16/06 23:14	
3-Nitroaniline	"	ND	-----	94.3	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	94.3	"	"	"	"	"	
Nitrobenzene	"	ND	-----	47.2	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	47.2	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	236	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	94.3	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	47.2	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	94.3	"	"	"	"	"	**A-02**
Phenanthrene	"	**1090**	-----	47.2	"	"	"	"	"	**A-02, A-03**
Phenol	"	**251**	-----	47.2	"	"	"	"	"	**A-02**
Pyrene	"	**423**	-----	47.2	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	47.2	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	47.2	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*74.2%*	*28 - 118 %*	"	"
	2-Fluorophenol	*56.1%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*88.4%*	*37 - 124 %*	"	"
	Phenol-d6	*60.4%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*86.9%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*77.5%*	*31 - 142 %*	"	"

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-18 (GP10-3)		**Soil**			**Sampled: 05/01/06 15:00**					**R-05**
Carbazole	EPA 8270C	**47.0**	-----	15.3	mg/kg dry	20x	6050448	05/10/06 11:30	05/18/06 02:31	**A-02**
Acenaphthene	"	ND	-----	15.3	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	15.3	"	"	"	"	"	**A-02**
Anthracene	"	**156**	-----	15.3	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	**18.7**	-----	15.3	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	**48.5**	-----	15.3	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	**53.2**	-----	15.3	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	**39.8**	-----	15.3	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	**40.8**	-----	15.3	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	46.4	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	46.4	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	15.3	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	15.3	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	15.3	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	92.8	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	15.3	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	15.3	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	15.3	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	15.3	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	15.3	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	15.3	"	"	"	"	"	
Chrysene	"	**59.1**	-----	15.3	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	46.4	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	15.3	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	15.3	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	15.3	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	46.4	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	46.4	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	46.4	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	46.4	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	15.3	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	15.3	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	46.4	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	15.3	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	46.4	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	92.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	23.2	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	23.2	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	92.8	"	"	"	"	"	

TestAmerica - Portland, OR

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Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-18 (GP10-3)		**Soil**			**Sampled: 05/01/06 15:00**					**R-05**
Fluoranthene	"	**19.6**	-----	15.3	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	15.3	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	15.3	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	46.4	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	46.4	"	"	"	"	"	
Hexachloroethane	"	ND	-----	46.4	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**30.0**	-----	15.3	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	15.3	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	15.3	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	15.3	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	15.3	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	15.3	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	15.3	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	46.4	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	15.3	"	"	"	"	"	
Nitrobenzene	"	ND	-----	15.3	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	15.3	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	46.4	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	15.3	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	15.3	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	46.4	"	"	"	"	"	**A-02**
Phenanthrene	"	**24.3**	-----	15.3	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	15.3	"	"	"	"	"	**A-02**
Pyrene	"	**30.4**	-----	15.3	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	46.4	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	15.3	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	15.3	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*86.9%*	*44 - 146 %*	"	"		***J***
	2-Fluorophenol	*66.2%*	*42 - 126 %*	"	"		***J***
	Nitrobenzene-d5	*70.0%*	*42 - 126 %*	"	"		***J***
	Phenol-d6	*67.8%*	*42 - 131 %*	"	"		***J***
	p-Terphenyl-d14	*106%*	*49 - 150 %*	"	"		***J***
	2,4,6-Tribromophenol	*73.1%*	*48 - 119 %*	"	"		***J***

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-20RE1 (GP10-GW)		**Water**			**Sampled: 05/01/06 14:45**					**O-07, R-05, A-10**
Carbazole	EPA 8270C	**499**	-----	94.3	ug/l	20x	6050900	05/18/06 21:00	05/22/06 22:22	**A-02, A-03**
Acenaphthene	"	**1130**	-----	94.3	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	94.3	"	"	"	"	"	**A-02**
Anthracene	"	**221**	-----	94.3	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	**226**	-----	94.3	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	**163**	-----	94.3	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	**157**	-----	94.3	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	94.3	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	**149**	-----	94.3	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	943	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	189	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	94.3	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	94.3	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	94.3	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	377	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	189	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	94.3	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	189	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	94.3	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	94.3	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	94.3	"	"	"	"	"	
Chrysene	"	**178**	-----	94.3	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	94.3	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	94.3	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	94.3	"	"	"	"	"	**A-02**
Dibenzofuran	"	**599**	-----	94.3	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	94.3	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	94.3	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	94.3	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	94.3	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	94.3	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	94.3	"	"	"	"	"	
2,4-Dimethylphenol	"	**10300**	-----	943	"	100x	"	"	05/23/06 06:24	**A-02**
Dimethyl phthalate	"	ND	-----	94.3	"	20x	"	"	05/22/06 22:22	
4,6-Dinitro-2-methylphenol	"	ND	-----	189	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	472	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	94.3	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	94.3	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	189	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-20RE1 (GP10-GW)		**Water**			**Sampled: 05/01/06 14:45**					**O-07, R-05, A-10**
Fluoranthene	EPA 8270C	**1050**	-----	94.3	ug/l	20x	6050900	05/18/06 21:00	05/22/06 22:22	**A-02**
Fluorene	"	**779**	-----	94.3	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	94.3	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	189	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	189	"	"	"	"	"	
Hexachloroethane	"	ND	-----	189	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	94.3	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	94.3	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	**1100**	-----	94.3	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	189	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	**228**	-----	94.3	"	"	"	"	"	**A-02**
Naphthalene	"	**12200**	-----	472	"	100x	"	"	05/23/06 06:24	**A-02**
2-Nitroaniline	"	ND	-----	94.3	"	20x	"	"	05/22/06 22:22	
3-Nitroaniline	"	ND	-----	189	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	189	"	"	"	"	"	
Nitrobenzene	"	ND	-----	94.3	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	94.3	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	472	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	189	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	94.3	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	189	"	"	"	"	"	**A-02**
Phenanthrene	"	**2090**	-----	94.3	"	"	"	"	"	**A-02, A-03**
Phenol	"	ND	-----	94.3	"	"	"	"	"	**A-02**
Pyrene	"	**883**	-----	94.3	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	94.3	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	94.3	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	94.3	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*66.4%*	*28 - 118 %*	"	"	***J***
	2-Fluorophenol	*37.9%*	*12 - 100 %*	"	"	***J***
	Nitrobenzene-d5	*65.5%*	*37 - 124 %*	"	"	***J***
	Phenol-d6	*23.7%*	*4 - 105 %*	"	"	***J***
	p-Terphenyl-d14	*66.9%*	*44 - 140 %*	"	"	***J***
	2,4,6-Tribromophenol	*60.4%*	*31 - 142 %*	"	"	***J***

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-21 (GP16-8)		**Soil**			**Sampled: 05/01/06 15:55**					**R-05**
Carbazole	EPA 8270C	ND	-----	0.823	mg/kg dry	1x	6050448	05/10/06 11:30	05/19/06 02:30	**A-02**
Acenaphthene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	2.49	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	2.49	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	0.823	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	0.823	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	0.823	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	4.99	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	0.823	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	0.823	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	0.823	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	0.823	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	0.823	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	0.823	"	"	"	"	"	
Chrysene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	2.49	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	0.823	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	0.823	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	2.49	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	2.49	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	2.49	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	2.49	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	0.823	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	0.823	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	2.49	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	0.823	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	2.49	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	4.99	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	1.25	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	1.25	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-21 (GP16-8)		**Soil**			**Sampled: 05/01/06 15:55**					**R-05**
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	4.99	mg/kg dry	1x	6050448	05/10/06 11:30	05/19/06 02:30	
Fluoranthene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	0.823	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	2.49	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	2.49	"	"	"	"	"	
Hexachloroethane	"	ND	-----	2.49	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	0.823	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	0.823	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	0.823	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	2.49	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	0.823	"	"	"	"	"	
Nitrobenzene	"	ND	-----	0.823	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	0.823	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	2.49	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	0.823	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	0.823	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	2.49	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	0.823	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	0.823	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	2.49	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	0.823	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	0.823	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*84.3%*	*44 - 146 %*	"	"
	2-Fluorophenol	*67.8%*	*42 - 126 %*	"	"
	Nitrobenzene-d5	*61.2%*	*42 - 126 %*	"	"
	Phenol-d6	*71.0%*	*42 - 131 %*	"	"
	p-Terphenyl-d14	*108%*	*49 - 150 %*	"	"
	2,4,6-Tribromophenol	*87.3%*	*48 - 119 %*	"	"

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
PPE0193-22 (GP16-GW)		**Water**			**Sampled: 05/01/06 15:34**						
Carbazole	EPA 8270C	ND	-----	4.72	ug/l	1x	6050299	05/05/06 20:00	05/18/06 06:09	**A-02**	
Acenaphthene	"	**252**	-----	23.6	"	5x	"	"	05/18/06 22:50		**A-02**
Acenaphthylene	"	ND	-----	4.72	"	1x	"	"	05/18/06 06:09	**A-02**	
Anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzo (a) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzo (a) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzo (b) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzo (ghi) perylene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzo (k) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Benzoic Acid	"	ND	-----	47.2	"	"	"	"	"		
Benzyl alcohol	"	ND	-----	9.43	"	"	"	"	"		
4-Bromophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"		
Butyl benzyl phthalate	"	ND	-----	4.72	"	"	"	"	"		
4-Chloro-3-methylphenol	"	ND	-----	4.72	"	"	"	"	"		
4-Chloroaniline	"	ND	-----	18.9	"	"	"	"	"		
Bis(2-chloroethoxy)methane	"	ND	-----	9.43	"	"	"	"	"		
Bis(2-chloroethyl)ether	"	ND	-----	4.72	"	"	"	"	"		
Bis(2-chloroisopropyl)ether	"	ND	-----	9.43	"	"	"	"	"		
2-Chloronaphthalene	"	ND	-----	4.72	"	"	"	"	"		
2-Chlorophenol	"	ND	-----	4.72	"	"	"	"	"		
4-Chlorophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"		
Chrysene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Di-n-butyl phthalate	"	ND	-----	4.72	"	"	"	"	"		
Di-n-octyl phthalate	"	ND	-----	4.72	"	"	"	"	"		
Dibenzo (a,h) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**	
Dibenzofuran	"	**12.3**	-----	4.72	"	"	"	"	"		**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"		
1,3-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"		
1,4-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"		
3,3´-Dichlorobenzidine	"	ND	-----	4.72	"	"	"	"	"		
2,4-Dichlorophenol	"	ND	-----	4.72	"	"	"	"	"		
Diethyl phthalate	"	ND	-----	4.72	"	"	"	"	"		
2,4-Dimethylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**	
Dimethyl phthalate	"	ND	-----	4.72	"	"	"	"	"		
4,6-Dinitro-2-methylphenol	"	ND	-----	9.43	"	"	"	"	"		
2,4-Dinitrophenol	"	ND	-----	23.6	"	"	"	"	"		
2,4-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"		
2,6-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"		

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-22 (GP16-GW)		**Water**			**Sampled: 05/01/06 15:34**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.43	ug/l	1x	6050299	05/05/06 20:00	05/18/06 06:09	
Fluoranthene	"	ND	-----	4.72	"	"	"	"	"	A-02
Fluorene	"	**100**	-----	4.72	"	"	"	"	"	A-02
Hexachlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.43	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.72	"	"	"	"	"	A-02
Isophorone	"	ND	-----	4.72	"	"	"	"	"	A-02
2-Methylnaphthalene	"	ND	-----	4.72	"	"	"	"	"	A-02
2-Methylphenol	"	ND	-----	9.43	"	"	"	"	"	A-02
3-,4-Methylphenol	"	ND	-----	4.72	"	"	"	"	"	A-02
Naphthalene	"	ND	-----	4.72	"	"	"	"	"	A-02
2-Nitroaniline	"	ND	-----	4.72	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.72	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.6	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.43	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.72	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.43	"	"	"	"	"	A-02
Phenanthrene	"	**33.3**	-----	4.72	"	"	"	"	"	A-02
Phenol	"	ND	-----	4.72	"	"	"	"	"	A-02
Pyrene	"	ND	-----	4.72	"	"	"	"	"	A-02
1,2,4-Trichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*96.9%*	*28 - 118 %*	"	"
	2-Fluorophenol	*85.2%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*88.0%*	*37 - 124 %*	"	"
	Phenol-d6	*82.4%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*112%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*103%*	*31 - 142 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-24 (GP7-GW)		**Water**			**Sampled: 05/02/06 08:20**					
Carbazole	EPA 8270C	ND	-----	4.76	ug/l	1x	6050299	05/05/06 20:00	05/17/06 01:25	**A-02**
Acenaphthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Chrysene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-24 (GP7-GW)		**Water**			**Sampled: 05/02/06 08:20**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.52	ug/l	1x	6050299	05/05/06 20:00	05/17/06 01:25	
Fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*85.2%*	*28 - 118 %*	"	"
	2-Fluorophenol	*81.8%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*79.4%*	*37 - 124 %*	"	"
	Phenol-d6	*79.0%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*109%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*95.1%*	*31 - 142 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-34 (GP42-GW)		**Water**			**Sampled: 05/02/06 12:55**					
Carbazole	EPA 8270C	ND	-----	4.76	ug/l	1x	6050299	05/05/06 20:00	05/17/06 02:09	**A-02**
Acenaphthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Chrysene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-34 (GP42-GW)		**Water**			**Sampled: 05/02/06 12:55**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.52	ug/l	1x	6050299	05/05/06 20:00	05/17/06 02:09	
Fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*83.2%*	*28 - 118 %*	"	"
	2-Fluorophenol	*89.5%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*85.4%*	*37 - 124 %*	"	"
	Phenol-d6	*86.7%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*110%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*93.7%*	*31 - 142 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
PPE0193-37 (GP12-8)		**Soil**			**Sampled: 05/02/06 15:30**						**R-05**
Carbazole	EPA 8270C	ND	-----	84.2	mg/kg dry	100x	6050448	05/10/06 11:30	05/18/06 04:42	**A-02**	
Acenaphthene	"	**287**	-----	84.2	"	"	"	"	"		**A-02**
Acenaphthylene	"	ND	-----	84.2	"	"	"	"	"	**A-02**	
Anthracene	"	**185**	-----	84.2	"	"	"	"	"		**A-02**
Benzo (a) anthracene	"	**152**	-----	84.2	"	"	"	"	"		**A-02**
Benzo (a) pyrene	"	**104**	-----	84.2	"	"	"	"	"		**A-02**
Benzo (b) fluoranthene	"	**92.8**	-----	84.2	"	"	"	"	"		**A-02**
Benzo (ghi) perylene	"	ND	-----	84.2	"	"	"	"	"	**A-02**	
Benzo (k) fluoranthene	"	**102**	-----	84.2	"	"	"	"	"		**A-02**
Benzoic Acid	"	ND	-----	255	"	"	"	"	"		
Benzyl alcohol	"	ND	-----	255	"	"	"	"	"		
4-Bromophenyl phenyl ether	"	ND	-----	84.2	"	"	"	"	"		
Butyl benzyl phthalate	"	ND	-----	84.2	"	"	"	"	"		
4-Chloro-3-methylphenol	"	ND	-----	84.2	"	"	"	"	"		
4-Chloroaniline	"	ND	-----	510	"	"	"	"	"		
Bis(2-chloroethoxy)methane	"	ND	-----	84.2	"	"	"	"	"		
Bis(2-chloroethyl)ether	"	ND	-----	84.2	"	"	"	"	"		
Bis(2-chloroisopropyl)ether	"	ND	-----	84.2	"	"	"	"	"		
2-Chloronaphthalene	"	ND	-----	84.2	"	"	"	"	"		
2-Chlorophenol	"	ND	-----	84.2	"	"	"	"	"		
4-Chlorophenyl phenyl ether	"	ND	-----	84.2	"	"	"	"	"		
Chrysene	"	**261**	-----	84.2	"	"	"	"	"		**A-02**
Di-n-butyl phthalate	"	ND	-----	255	"	"	"	"	"		
Di-n-octyl phthalate	"	ND	-----	84.2	"	"	"	"	"		
Dibenzo (a,h) anthracene	"	ND	-----	84.2	"	"	"	"	"	**A-02**	
Dibenzofuran	"	**143**	-----	84.2	"	"	"	"	"		**A-02**
1,2-Dichlorobenzene	"	ND	-----	255	"	"	"	"	"		
1,3-Dichlorobenzene	"	ND	-----	255	"	"	"	"	"		
1,4-Dichlorobenzene	"	ND	-----	255	"	"	"	"	"		
3,3´-Dichlorobenzidine	"	ND	-----	255	"	"	"	"	"		
2,4-Dichlorophenol	"	ND	-----	84.2	"	"	"	"	"		
Diethyl phthalate	"	ND	-----	84.2	"	"	"	"	"		
2,4-Dimethylphenol	"	ND	-----	255	"	"	"	"	"	**A-02**	
Dimethyl phthalate	"	ND	-----	84.2	"	"	"	"	"		
4,6-Dinitro-2-methylphenol	"	ND	-----	255	"	"	"	"	"		
2,4-Dinitrophenol	"	ND	-----	510	"	"	"	"	"		
2,4-Dinitrotoluene	"	ND	-----	128	"	"	"	"	"		
2,6-Dinitrotoluene	"	ND	-----	128	"	"	"	"	"		
Bis(2-ethylhexyl)phthalate	"	ND	-----	510	"	"	"	"	"		

TestAmerica - Portland, OR

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Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-37 (GP12-8)		**Soil**			**Sampled: 05/02/06 15:30**					**R-05**
Fluoranthene	"	**629**	-----	84.2	"	"	"	"	"	**A-02**
Fluorene	"	**271**	-----	84.2	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	84.2	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	255	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	255	"	"	"	"	"	
Hexachloroethane	"	ND	-----	255	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	84.2	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	84.2	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	84.2	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	84.2	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	84.2	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	84.2	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	84.2	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	255	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	84.2	"	"	"	"	"	
Nitrobenzene	"	ND	-----	84.2	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	84.2	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	255	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	84.2	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	84.2	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	255	"	"	"	"	"	**A-02**
Phenanthrene	"	**705**	-----	84.2	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	84.2	"	"	"	"	"	**A-02**
Pyrene	"	**577**	-----	84.2	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	255	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	84.2	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	84.2	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*NR*	*44 - 146 %*	"	"	***S-01***
	2-Fluorophenol	*NR*	*42 - 126 %*	"	"	***S-01***
	Nitrobenzene-d5	*NR*	*42 - 126 %*	"	"	***S-01***
	Phenol-d6	*NR*	*42 - 131 %*	"	"	***S-01***
	p-Terphenyl-d14	*NR*	*49 - 150 %*	"	"	***S-01***
	2,4,6-Tribromophenol	*NR*	*48 - 119 %*	"	"	***S-01***

Sarah Rockwell

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-38 (GP12-GW)		**Water**			**Sampled: 05/02/06 15:45**					
Carbazole	EPA 8270C	**5.35**	-----	4.72	ug/l	1x	6050299	05/05/06 20:00	05/17/06 04:20	**A-02, A-03**
Acenaphthene	"	**63.3**	-----	4.72	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.2	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.43	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	18.9	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.43	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.72	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.43	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.72	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Chrysene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Dibenzofuran	"	**22.4**	-----	4.72	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.43	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.6	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-38 (GP12-GW)		**Water**			**Sampled: 05/02/06 15:45**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.43	ug/l	1x	6050299	05/05/06 20:00	05/17/06 04:20	
Fluoranthene	"	**16.2**	-----	4.72	"	"	"	"	"	**A-02**
Fluorene	"	**35.5**	-----	4.72	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.43	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.72	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.72	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.72	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.6	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.43	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.72	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.43	"	"	"	"	"	**A-02**
Phenanthrene	"	**24.4**	-----	4.72	"	"	"	"	"	**A-02, A-03**
Phenol	"	ND	-----	4.72	"	"	"	"	"	**A-02**
Pyrene	"	**15.5**	-----	4.72	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*83.8%*	*28 - 118 %*	"	"
	2-Fluorophenol	*78.2%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*75.3%*	*37 - 124 %*	"	"
	Phenol-d6	*72.5%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*106%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*94.4%*	*31 - 142 %*	"	"

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-42 (GP41-GW)		**Water**			**Sampled: 05/02/06 15:00**					
Carbazole	EPA 8270C	ND	-----	4.76	ug/l	1x	6050299	05/05/06 20:00	05/17/06 03:37	**A-02**
Acenaphthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Acenaphthylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (a) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (b) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (ghi) perylene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzo (k) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Benzoic Acid	"	ND	-----	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Chrysene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Di-n-butyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Dibenzofuran	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Dimethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-42 (GP41-GW)		**Water**			**Sampled: 05/02/06 15:00**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.52	ug/l	1x	6050299	05/05/06 20:00	05/17/06 03:37	
Fluoranthene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Fluorene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Hexachlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.52	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Isophorone	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylnaphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Methylphenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
3-,4-Methylphenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Naphthalene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
2-Nitroaniline	"	ND	-----	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.52	"	"	"	"	"	**A-02**
Phenanthrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Phenol	"	ND	-----	4.76	"	"	"	"	"	**A-02**
Pyrene	"	ND	-----	4.76	"	"	"	"	"	**A-02**
1,2,4-Trichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*71.8%*	*28 - 118 %*	"	"
	2-Fluorophenol	*60.1%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*69.5%*	*37 - 124 %*	"	"
	Phenol-d6	*58.2%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*107%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*73.4%*	*31 - 142 %*	"	"

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-12 (GP18-GW)		**Water**			**Sampled: 05/01/06 12:44**					
Acenaphthene	EPA 8270m	ND	-----	0.0943	ug/l	1x	6050287	05/05/06 16:20	05/09/06 18:38	
Acenaphthylene	"	ND	-----	0.0943	"	"	"	"	"	
Anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Chrysene	"	ND	-----	0.0943	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.189	"	"	"	"	"	
Fluoranthene	"	**0.185**	-----	0.0943	"	"	"	"	"	
Fluorene	"	ND	-----	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Naphthalene	"	**0.0960**	-----	0.0943	"	"	"	"	"	
Phenanthrene	"	**0.119**	-----	0.0943	"	"	"	"	"	
Pyrene	"	**1.31**	-----	0.0943	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*64.4%*			*25 - 125 %*	"			"	
Pyrene-d10		*73.3%*			*23 - 150 %*	"			"	
Benzo (a) pyrene-d12		*69.5%*			*10 - 125 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-11 (GP18-8)		**Soil**			**Sampled: 05/01/06 13:20**					
Acenaphthene	EPA 8270m	ND	-----	16.2	ug/kg dry	1x	6050660	05/15/06 08:39	05/19/06 01:14	
Acenaphthylene	"	ND	-----	16.2	"	"	"	"	"	
Anthracene	"	ND	-----	16.2	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	16.2	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	16.2	"	"	"	"	"	
Benzo (b) fluoranthene	"	**25.0**	-----	16.2	"	"	"	"	"	**R-08**
Benzo (k) fluoranthene	"	ND	-----	16.2	"	"	"	"	"	**R-08**
Benzo (ghi) perylene	"	ND	-----	16.2	"	"	"	"	"	
Chrysene	"	**16.4**	-----	16.2	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	16.2	"	"	"	"	"	
Fluoranthene	"	**29.2**	-----	16.2	"	"	"	"	"	
Fluorene	"	ND	-----	16.2	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	16.2	"	"	"	"	"	
Naphthalene	"	ND	-----	16.2	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	81.2	"	"	"	"	"	
Phenanthrene	"	ND	-----	16.2	"	"	"	"	"	
Pyrene	"	**72.1**	-----	16.2	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*79.1%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*110%*			*10 - 150 %*	"			"	
Pyrene-d10		*74.9%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*92.1%*			*36 - 145 %*	"			"	
PPE0193-16 (GP9-12)		**Soil**			**Sampled: 05/01/06 14:35**					**R-05**
Acenaphthene	EPA 8270m	**118000**	-----	6470	ug/kg dry	400x	6050660	05/15/06 08:39	05/18/06 22:12	
Acenaphthylene	"	ND	-----	6470	"	"	"	"	"	
Anthracene	"	**31800**	-----	6470	"	"	"	"	"	
Benzo (a) anthracene	"	**40100**	-----	6470	"	"	"	"	"	
Benzo (a) pyrene	"	**26300**	-----	6470	"	"	"	"	"	
Benzo (b) fluoranthene	"	**30600**	-----	6470	"	"	"	"	"	
Benzo (k) fluoranthene	"	**17700**	-----	6470	"	"	"	"	"	
Benzo (ghi) perylene	"	**11000**	-----	6470	"	"	"	"	"	
Chrysene	"	**30200**	-----	6470	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	6470	"	"	"	"	"	
Fluoranthene	"	**171000**	-----	6470	"	"	"	"	"	
Fluorene	"	**99600**	-----	6470	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**10100**	-----	6470	"	"	"	"	"	
Naphthalene	"	**294000**	-----	6470	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	32400	"	"	"	"	"	
Phenanthrene	"	**318000**	-----	6470	"	"	"	"	"	

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-16 (GP9-12)		**Soil**			**Sampled: 05/01/06 14:35**					**R-05**
Pyrene	EPA 8270m	**119000**	-----	6470	ug/kg dry	400x	6050660	05/15/06 08:39	05/18/06 22:12	
Surrogate(s): Fluorene-d10			*NR*		*32 - 134 %*	"			"	***S-01***
2,4,6-Tribromophenol			*NR*		*10 - 150 %*	"			"	***S-01***
Pyrene-d10			*NR*		*41 - 152 %*	"			"	***S-01***
Benzo (a) pyrene-d12			*NR*		*36 - 145 %*	"			"	***S-01***
PPE0193-19 (GP10-11)		**Soil**			**Sampled: 05/01/06 15:10**					**R-05**
Acenaphthene	EPA 8270m	**101000**	-----	6940	ug/kg dry	400x	6050660	05/15/06 08:39	05/18/06 22:43	
Acenaphthylene	"	ND	-----	6940	"	"	"	"	"	
Anthracene	"	**31900**	-----	6940	"	"	"	"	"	
Benzo (a) anthracene	"	**34500**	-----	6940	"	"	"	"	"	
Benzo (a) pyrene	"	**20900**	-----	6940	"	"	"	"	"	
Benzo (b) fluoranthene	"	**25000**	-----	6940	"	"	"	"	"	
Benzo (k) fluoranthene	"	**13800**	-----	6940	"	"	"	"	"	
Benzo (ghi) perylene	"	**8010**	-----	6940	"	"	"	"	"	
Chrysene	"	**35400**	-----	6940	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	6940	"	"	"	"	"	
Fluoranthene	"	**155000**	-----	6940	"	"	"	"	"	
Fluorene	"	**90100**	-----	6940	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**7140**	-----	6940	"	"	"	"	"	
Naphthalene	"	**238000**	-----	6940	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	34700	"	"	"	"	"	
Phenanthrene	"	**301000**	-----	6940	"	"	"	"	"	
Pyrene	"	**115000**	-----	6940	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*NR*		*32 - 134 %*	"			"	***S-01***
2,4,6-Tribromophenol			*NR*		*10 - 150 %*	"			"	***S-01***
Pyrene-d10			*NR*		*41 - 152 %*	"			"	***S-01***
Benzo (a) pyrene-d12			*NR*		*36 - 145 %*	"			"	***S-01***
PPE0193-28 (GP6-GW)		**Water**			**Sampled: 05/02/06 10:35**					
Acenaphthene	EPA 8270m	ND	-----	0.0952	ug/l	1x	6050420	05/09/06 16:10	05/11/06 18:49	
Acenaphthylene	"	ND	-----	0.0952	"	"	"	"	"	
Anthracene	"	ND	-----	0.0952	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0952	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0952	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0952	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0952	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0952	"	"	"	"	"	
Chrysene	"	ND	-----	0.0952	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-28 (GP6-GW)		**Water**			**Sampled: 05/02/06 10:35**					
Dibenzo (a,h) anthracene	EPA 8270m	ND	-----	0.190	ug/l	1x	6050420	05/09/06 16:10	05/11/06 18:49	
Fluoranthene	"	ND	-----	0.0952	"	"	"	"	"	
Fluorene	"	ND	-----	0.0952	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0952	"	"	"	"	"	
Naphthalene	"	ND	-----	0.0952	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	0.952	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0952	"	"	"	"	"	
Pyrene	"	ND	-----	0.0952	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*60.9%*			*25 - 125 %*	"			"	
2,4,6-Tribromophenol		*80.3%*			*5 - 157 %*	"			"	
Pyrene-d10		*58.8%*			*23 - 150 %*	"			"	
Benzo (a) pyrene-d12		*42.9%*			*10 - 125 %*	"			"	
PPE0193-29 (GP37-8)		**Soil**			**Sampled: 05/02/06 11:20**					**R-05**
Acenaphthene	EPA 8270m	ND	-----	33.5	ug/kg dry	2x	6050660	05/15/06 08:39	05/20/06 00:58	
Acenaphthylene	"	ND	-----	33.5	"	"	"	"	"	
Anthracene	"	ND	-----	33.5	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	33.5	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	33.5	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	33.5	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	33.5	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	33.5	"	"	"	"	"	
Chrysene	"	ND	-----	33.5	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	33.5	"	"	"	"	"	
Fluoranthene	"	ND	-----	33.5	"	"	"	"	"	
Fluorene	"	ND	-----	33.5	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	33.5	"	"	"	"	"	
Naphthalene	"	**35.5**	-----	33.5	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	167	"	"	"	"	"	
Phenanthrene	"	**41.0**	-----	33.5	"	"	"	"	"	
Pyrene	"	ND	-----	33.5	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*86.2%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*102%*			*10 - 150 %*	"			"	
Pyrene-d10		*93.3%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*97.1%*			*36 - 145 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-31 (GP39-9)		**Soil**			**Sampled: 05/02/06 11:45**					**R-05**
Acenaphthene	EPA 8270m	ND	-----	29.6	ug/kg dry	2x	6050660	05/15/06 08:39	05/20/06 01:29	
Acenaphthylene	"	ND	-----	29.6	"	"	"	"	"	
Anthracene	"	ND	-----	29.6	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	29.6	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	29.6	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	29.6	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	29.6	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	29.6	"	"	"	"	"	
Chrysene	"	ND	-----	29.6	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	29.6	"	"	"	"	"	
Fluoranthene	"	ND	-----	29.6	"	"	"	"	"	
Fluorene	"	ND	-----	29.6	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	29.6	"	"	"	"	"	
Naphthalene	"	ND	-----	29.6	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	148	"	"	"	"	"	
Phenanthrene	"	ND	-----	29.6	"	"	"	"	"	
Pyrene	"	ND	-----	29.6	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*85.4%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*97.6%*			*10 - 150 %*	"			"	
Pyrene-d10		*86.7%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*94.2%*			*36 - 145 %*	"			"	
PPE0193-33 (GP42-8)		**Soil**			**Sampled: 05/02/06 12:05**					**R-05**
Acenaphthene	EPA 8270m	ND	-----	70.5	ug/kg dry	2x	6050660	05/15/06 08:39	05/20/06 01:59	
Acenaphthylene	"	ND	-----	70.5	"	"	"	"	"	
Anthracene	"	ND	-----	70.5	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	70.5	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	70.5	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	70.5	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	70.5	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	70.5	"	"	"	"	"	
Chrysene	"	ND	-----	70.5	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	70.5	"	"	"	"	"	
Fluoranthene	"	ND	-----	70.5	"	"	"	"	"	
Fluorene	"	ND	-----	70.5	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	70.5	"	"	"	"	"	
Naphthalene	"	ND	-----	70.5	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	352	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-33 (GP42-8)		**Soil**			**Sampled: 05/02/06 12:05**					**R-05**
Phenanthrene	EPA 8270m	ND	-----	70.5	ug/kg dry	2x	6050660	05/15/06 08:39	05/20/06 01:59	
Pyrene	"	ND	-----	70.5	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*92.4%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*104%*			*10 - 150 %*	"			"	
Pyrene-d10		*95.1%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*100%*			*36 - 145 %*	"			"	
PPE0193-41 (GP41-8)		**Soil**			**Sampled: 05/02/06 14:40**					**R-05**
Acenaphthene	EPA 8270m	ND	-----	74.9	ug/kg dry	2x	6050660	05/15/06 08:39	05/20/06 02:29	
Acenaphthylene	"	ND	-----	74.9	"	"	"	"	"	
Anthracene	"	ND	-----	74.9	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	74.9	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	74.9	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	74.9	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	74.9	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	74.9	"	"	"	"	"	
Chrysene	"	ND	-----	74.9	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	74.9	"	"	"	"	"	
Fluoranthene	"	ND	-----	74.9	"	"	"	"	"	
Fluorene	"	ND	-----	74.9	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	74.9	"	"	"	"	"	
Naphthalene	"	ND	-----	74.9	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	374	"	"	"	"	"	
Phenanthrene	"	ND	-----	74.9	"	"	"	"	"	
Pyrene	"	ND	-----	74.9	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*88.7%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*104%*			*10 - 150 %*	"			"	
Pyrene-d10		*90.7%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*91.6%*			*36 - 145 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-01 (GP13-11.5)		**Soil**				**Sampled: 05/01/06 09:10**				
% Solids	NCA SOP	**80.9**	-----	1.00	% by Weight	1x	6050309	05/06/06 10:18	05/06/06 15:43	
PPE0193-03 (GP14-6)		**Soil**				**Sampled: 05/01/06 09:40**				
% Solids	NCA SOP	**77.1**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-05 (GP19-10)		**Soil**				**Sampled: 05/01/06 10:35**				
% Solids	NCA SOP	**89.4**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-07 (GP23-6)		**Soil**				**Sampled: 05/01/06 11:15**				
% Solids	NCA SOP	**85.8**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-09 (GP17-5)		**Soil**				**Sampled: 05/01/06 12:45**				
% Solids	NCA SOP	**89.3**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-11 (GP18-8)		**Soil**				**Sampled: 05/01/06 13:20**				
% Solids	NCA SOP	**81.7**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-13 (GP15-10)		**Soil**				**Sampled: 05/01/06 13:50**				
% Solids	NCA SOP	**83.8**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-15 (GP9-6)		**Soil**				**Sampled: 05/01/06 14:25**				
% Solids	NCA SOP	**73.4**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-16 (GP9-12)		**Soil**				**Sampled: 05/01/06 14:35**				
% Solids	NCA SOP	**81.5**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-18 (GP10-3)		**Soil**				**Sampled: 05/01/06 15:00**				
% Solids	NCA SOP	**86.1**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-19 (GP10-11)		**Soil**				**Sampled: 05/01/06 15:10**				

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-19 (GP10-11)		**Soil**				**Sampled: 05/01/06 15:10**				
% Solids	NCA SOP	**77.0**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-21 (GP16-8)		**Soil**				**Sampled: 05/01/06 15:55**				
% Solids	NCA SOP	**79.4**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-23 (GP7-5)		**Soil**				**Sampled: 05/02/06 08:10**				
% Solids	NCA SOP	**81.8**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-25 (GP8-5)		**Soil**				**Sampled: 05/02/06 09:05**				
% Solids	NCA SOP	**73.1**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-27 (GP6-5)		**Soil**				**Sampled: 05/02/06 10:25**				
% Solids	NCA SOP	**87.6**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-29 (GP37-8)		**Soil**				**Sampled: 05/02/06 11:20**				
% Solids	NCA SOP	**79.7**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-31 (GP39-9)		**Soil**				**Sampled: 05/02/06 11:45**				
% Solids	NCA SOP	**90.6**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-33 (GP42-8)		**Soil**				**Sampled: 05/02/06 12:05**				
% Solids	NCA SOP	**94.8**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-35 (GP38-8)		**Soil**				**Sampled: 05/02/06 12:40**				
% Solids	NCA SOP	**90.1**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-37 (GP12-8)		**Soil**				**Sampled: 05/02/06 15:30**				
% Solids	NCA SOP	**78.2**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-39 (GP40-8)		**Soil**				**Sampled: 05/02/06 13:45**				

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Percent Dry Weight (Solids) per Standard Methods

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0193-39 (GP40-8)		**Soil**				**Sampled: 05/02/06 13:45**				
% Solids	NCA SOP	**93.4**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	
PPE0193-41 (GP41-8)		**Soil**				**Sampled: 05/02/06 14:40**				
% Solids	NCA SOP	**89.5**	-----	1.00	% by Weight	1x	6050416	05/09/06 12:04	05/10/06 10:01	

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Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

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QC Batch: 6050306 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050306-BLK1)									**Extracted: 05/06/06 13:55**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	05/07/06 12:08	
Diesel Range Hydrocarbons	"	ND	---	0.630	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	0.630	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 83.9%*			*Limits: 50-150%*	"							*05/07/06 12:08*	

QC Batch: 6050383 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050383-BLK1)									**Extracted: 05/09/06 10:45**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	20.0	mg/kg wet	1x	--	--	--	--	--	--	05/10/06 19:39	
Diesel Range Hydrocarbons	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 114%*			*Limits: 50-150%*	"							*05/10/06 19:39*	
Duplicate (6050383-DUP1)						**QC Source: PPE0193-01**			**Extracted: 05/09/06 10:45**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	21.5	mg/kg dry	1x	ND	--	--	--	32.5%	(50)	05/10/06 20:42	
Diesel Range Hydrocarbons	"	ND	---	53.7	"	"	ND	--	--	--	24.9%	"	"	
Heavy Oil Range Hydrocarbons	"	DET	---	107	"	"	442	--	--	--	14.6%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 110%*			*Limits: 50-150%*	"							*05/10/06 20:42*	
Duplicate (6050383-DUP2)						**QC Source: PPE0193-03**			**Extracted: 05/09/06 10:45**					
Gasoline Range Hydrocarbons	NWTPH HCID	DET	---	23.6	mg/kg dry	1x	130	--	--	--	94.5%	(50)	05/10/06 20:10	Q-14
Diesel Range Hydrocarbons	"	DET	---	59.1	"	"	502	--	--	--	113%	"	"	Q-14
Heavy Oil Range Hydrocarbons	"	DET	---	118	"	"	186	--	--	--	109%	"	"	Q-14
Surrogate(s): 1-Chlorooctadecane		*Recovery: 46.7%*			*Limits: 50-150%*	"							*05/10/06 20:10*	*S-02*

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West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

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QC Batch: 6050384 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050384-BLK1)								**Extracted: 05/09/06 12:30**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	20.0	mg/kg wet	1x	--	--	--	--	--	--	05/10/06 05:23	
Diesel Range Hydrocarbons	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 97.9%*			*Limits: 50-150%*	"							*05/10/06 05:23*	
Duplicate (6050384-DUP1)							**QC Source: PPE0193-25**			**Extracted: 05/09/06 12:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	23.6	mg/kg dry	1x	ND	--	--	--	NR	(50)	05/10/06 05:56	
Diesel Range Hydrocarbons	"	ND	---	59.0	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	---	118	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 98.2%*			*Limits: 50-150%*	"							*05/10/06 05:56*	
Duplicate (6050384-DUP2)							**QC Source: PPE0193-27**			**Extracted: 05/09/06 12:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	13.7	mg/kg dry	1x	ND	--	--	--	NR	(50)	05/10/06 06:29	
Diesel Range Hydrocarbons	"	ND	---	34.2	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	---	68.4	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 96.3%*			*Limits: 50-150%*	"							*05/10/06 06:29*	

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1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

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QC Batch: 6050345 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050345-BLK1)													**Extracted: 05/08/06 12:14**	
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	80.0	ug/l	1x	--	--	--	--	--	--	05/08/06 14:27	
Surrogate(s): 4-BFB		*Recovery: 82.6%*			*Limits: 50-150%*	"							*05/08/06 14:27*	
LCS (6050345-BS1)													**Extracted: 05/08/06 12:14**	
Gasoline Range Hydrocarbons	NW TPH-Gx	412	---	80.0	ug/l	1x	--	500	82.4%	(70-130)	--	--	05/08/06 13:27	
Surrogate(s): 4-BFB		*Recovery: 80.4%*			*Limits: 50-150%*	"							*05/08/06 13:27*	
LCS Dup (6050345-BSD1)													**Extracted: 05/08/06 12:14**	
Gasoline Range Hydrocarbons	NW TPH-Gx	431	---	80.0	ug/l	1x	--	500	86.2%	(70-130)	4.51%	(40)	05/08/06 13:57	
Surrogate(s): 4-BFB		*Recovery: 90.0%*			*Limits: 50-150%*	"							*05/08/06 13:57*	
Duplicate (6050345-DUP1)						**QC Source: PPE0141-02**							**Extracted: 05/08/06 12:14**	
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	80.0	ug/l	1x	ND	--	--	--	19.2%	(40)	05/08/06 15:59	
Surrogate(s): 4-BFB		*Recovery: 65.6%*			*Limits: 50-150%*	"							*05/08/06 15:59*	
Duplicate (6050345-DUP2)						**QC Source: PPE0235-09**							**Extracted: 05/08/06 12:14**	
Gasoline Range Hydrocarbons	NW TPH-Gx	13300	---	4000	ug/l	50x	14800	--	--	--	10.7%	(40)	05/08/06 23:55	
Surrogate(s): 4-BFB		*Recovery: 94.8%*			*Limits: 50-150%*	*1x*							*05/08/06 23:55*	

QC Batch: 6050468 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050468-BLK1)													**Extracted: 05/10/06 11:30**	
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	80.0	ug/l	1x	--	--	--	--	--	--	05/10/06 12:45	
Surrogate(s): 4-BFB		*Recovery: 87.0%*			*Limits: 50-150%*	"							*05/10/06 12:45*	
LCS (6050468-BS1)													**Extracted: 05/10/06 11:30**	
Gasoline Range Hydrocarbons	NW TPH-Gx	426	---	80.0	ug/l	1x	--	500	85.2%	(70-130)	--	--	05/10/06 13:15	
Surrogate(s): 4-BFB		*Recovery: 94.8%*			*Limits: 50-150%*	"							*05/10/06 13:15*	
LCS Dup (6050468-BSD1)													**Extracted: 05/10/06 11:31**	
Gasoline Range Hydrocarbons	NW TPH-Gx	434	---	80.0	ug/l	1x	--	500	86.8%	(70-130)	1.86%	(40)	05/10/06 13:46	
Surrogate(s): 4-BFB		*Recovery: 97.4%*			*Limits: 50-150%*	"							*05/10/06 13:46*	
Duplicate (6050468-DUP1)						**QC Source: PPE0193-17RE1**							**Extracted: 05/10/06 11:30**	
Gasoline Range Hydrocarbons	NW TPH-Gx	8470	---	800	ug/l	10x	6710	--	--	--	23.2%	(40)	05/10/06 15:48	
Surrogate(s): 4-BFB		*Recovery: 88.4%*			*Limits: 50-150%*	*1x*							*05/10/06 15:48*	

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1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050603 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050603-BLK1)								**Extracted: 05/12/06 13:22**						
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	3.87	mg/kg wet	1x	--	--	--	--	--	--	05/12/06 14:13	
Surrogate(s): a,a,a-TFT		*Recovery: 74.0%*			*Limits: 50-150%*	"							*05/12/06 14:13*	
LCS (6050603-BS1)								**Extracted: 05/12/06 13:22**						
Gasoline Range Hydrocarbons	NW TPH-Gx	39.8	---	3.70	mg/kg wet	1x	--	46.2	86.1%	(70-130)	--	--	05/12/06 14:41	
Surrogate(s): a,a,a-TFT		*Recovery: 81.4%*			*Limits: 50-150%*	"							*05/12/06 14:41*	
Duplicate (6050603-DUP1)							**QC Source: PPE0356-06**							
Gasoline Range Hydrocarbons	NW TPH-Gx	1010	---	56.1	mg/kg dry	10x	1010	--	--	--	0.00%	(40)	05/12/06 19:17	
Surrogate(s): a,a,a-TFT		*Recovery: 167%*			*Limits: 50-150%*	"							*05/12/06 19:17*	*S-02*
Duplicate (6050603-DUP2)							**QC Source: PPE0255-17**							
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	4.35	mg/kg dry	1x	ND	--	--	--	8.41%	(40)	05/12/06 22:29	
Surrogate(s): a,a,a-TFT		*Recovery: 68.8%*			*Limits: 50-150%*	"							*05/12/06 22:29*	
Matrix Spike (6050603-MS1)							**QC Source: PPE0356-09**							
Gasoline Range Hydrocarbons	NW TPH-Gx	262	---	4.81	mg/kg dry	1x	222	60.1	66.6%	(65-130)	--	--	05/12/06 17:00	Q-01
Surrogate(s): a,a,a-TFT		*Recovery: 74.3%*			*Limits: 50-150%*	"							*05/12/06 17:00*	

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Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050381 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050381-BLK1)								**Extracted: 05/09/06 14:00**						
Diesel Range Organics	NWTPH-Dx	ND	---	12.5	mg/kg wet	1x	--	--	--	--	--	--	05/10/06 21:38	
Heavy Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 93.5%*			*Limits: 50-150%*	"							*05/10/06 21:38*	
LCS (6050381-BS1)								**Extracted: 05/09/06 14:00**						
Diesel Range Organics	NWTPH-Dx	130	---	12.5	mg/kg wet	1x	--	126	103%	(50-150)	--	--	05/10/06 21:04	
Heavy Oil Range Hydrocarbons	"	78.9	---	25.0	"	"	--	76.5	103%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 104%*			*Limits: 50-150%*	"							*05/10/06 21:04*	
Duplicate (6050381-DUP1)					**QC Source: PPE0120-01**			**Extracted: 05/09/06 14:00**						
Diesel Range Organics	NWTPH-Dx	28.9	---	16.2	mg/kg dry	1x	35.0	--	--	--	19.1%	(50)	05/14/06 04:50	D-09
Heavy Oil Range Hydrocarbons	"	57.8	---	32.4	"	"	71.1	--	--	--	20.6%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 97.1%*			*Limits: 50-150%*	"							*05/14/06 04:50*	
Duplicate (6050381-DUP2)					**QC Source: PPE0223-16**			**Extracted: 05/09/06 14:00**						
Diesel Range Organics	NWTPH-Dx	ND	---	13.8	mg/kg dry	1x	ND	--	--	--	NR	(50)	05/11/06 17:07	
Heavy Oil Range Hydrocarbons	"	582	---	27.7	"	"	167	--	--	--	111%	"	"	Q-14
Surrogate(s): 1-Chlorooctadecane		*Recovery: 107%*			*Limits: 50-150%*	"							*05/11/06 17:07*	

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Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050306 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050306-BLK1)							**Extracted: 05/06/06 13:55**							
Diesel Range Organics	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	05/16/06 17:09	
Heavy Oil Range Hydrocarbons	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 93.9%*			*Limits: 50-150%*	"							*05/16/06 17:09*	
LCS (6050306-BS1)							**Extracted: 05/06/06 13:55**							
Diesel Range Organics	NWTPH-Dx	2.40	---	0.500	mg/l	1x	--	2.51	95.6%	(50-150)	--	--	05/16/06 17:42	
Heavy Oil Range Hydrocarbons	"	1.59	---	1.00	"	"	--	1.53	104%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 105%*			*Limits: 50-150%*	"							*05/16/06 17:42*	
LCS Dup (6050306-BSD1)							**Extracted: 05/06/06 13:55**							
Diesel Range Organics	NWTPH-Dx	2.40	---	0.500	mg/l	1x	--	2.51	95.6%	(50-150)	0.00%	(50)	05/16/06 18:15	
Heavy Oil Range Hydrocarbons	"	1.61	---	1.00	"	"	--	1.53	105%	"	1.25%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 96.7%*			*Limits: 50-150%*	"							*05/16/06 18:15*	

QC Batch: 6050717 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050717-BLK1)							**Extracted: 05/16/06 16:00**							
Diesel Range Organics	NWTPH-Dx	ND	---	12.5	mg/kg wet	1x	--	--	--	--	--	--	05/18/06 00:26	
Heavy Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 61.5%*			*Limits: 50-150%*	"							*05/18/06 00:26*	
LCS (6050717-BS1)							**Extracted: 05/16/06 16:00**							
Diesel Range Organics	NWTPH-Dx	126	---	12.5	mg/kg wet	1x	--	126	100%	(50-150)	--	--	05/18/06 00:59	
Heavy Oil Range Hydrocarbons	"	85.3	---	25.0	"	"	--	76.5	112%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 118%*			*Limits: 50-150%*	"							*05/18/06 00:59*	
Duplicate (6050717-DUP1)							**QC Source: PPE0193-29** **Extracted: 05/16/06 16:00**							
Diesel Range Organics	NWTPH-Dx	22.7	---	15.6	mg/kg dry	1x	ND	--	--	--		(50)	05/18/06 10:16	D-09
Heavy Oil Range Hydrocarbons	"	86.1	---	31.1	"	"	63.7	--	--	--	29.9%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 109%*			*Limits: 50-150%*	"							*05/18/06 10:16*	
Duplicate (6050717-DUP2)							**QC Source: PPE0193-31** **Extracted: 05/16/06 16:00**							
Diesel Range Organics	NWTPH-Dx	ND	---	69.6	mg/kg dry	5x	ND	--	--	--	NR	(50)	05/18/06 10:50	R-05
Heavy Oil Range Hydrocarbons	"	221	---	139	"	"	290	--	--	--	27.0%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 79.1%*			*Limits: 50-150%*	"							*05/18/06 10:50*	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050348 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050348-BLK1)								**Extracted: 05/08/06 12:19**						
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	05/08/06 19:25	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050348 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050348-BLK1)							**Extracted: 05/08/06 12:19**							
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	05/08/06 19:25	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 91.0%*			*Limits: 80-120%*	"							*05/08/06 19:25*	
1,2-DCA-d4		*96.5%*			*80-120%*	"							*"*	
Dibromofluoromethane		*95.5%*			*80-120%*	"							*"*	
Toluene-d8		*96.5%*			*80-120%*	"							*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050348 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050348-BS1)								**Extracted: 05/08/06 12:19**						
Benzene	EPA 8260B	21.3	---	1.00	ug/l	1x	--	20.0	106%	(80-120)	--	--	05/08/06 17:38	
Chlorobenzene	"	20.4	---	1.00	"	"	--	"	102%	(80-124)	--	--	"	
1,1-Dichloroethene	"	21.4	---	1.00	"	"	--	"	107%	(78-120)	--	--	"	
Toluene	"	20.9	---	1.00	"	"	--	"	104%	(80-124)	--	--	"	
Trichloroethene	"	22.0	---	1.00	"	"	--	"	110%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 107%*			*Limits: 80-120%*	"							*05/08/06 17:38*	
1,2-DCA-d4		*94.5%*			*80-120%*	"							"	
Dibromofluoromethane		*97.5%*			*80-120%*	"							"	
Toluene-d8		*101%*			*80-120%*	"							"	
Matrix Spike (6050348-MS1)							**QC Source: PPE0193-08**						**Extracted: 05/08/06 12:19**	
Benzene	EPA 8260B	20.7	---	1.00	ug/l	1x	ND	20.0	104%	(80-124)	--	--	05/08/06 18:05	
Chlorobenzene	"	19.9	---	1.00	"	"	ND	"	99.5%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	20.7	---	1.00	"	"	ND	"	104%	(79.3-127)	--	--	"	
Toluene	"	20.3	---	1.00	"	"	ND	"	102%	(79.7-131)	--	--	"	
Trichloroethene	"	19.8	---	1.00	"	"	ND	"	99.0%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 102%*			*Limits: 80-120%*	"							*05/08/06 18:05*	
1,2-DCA-d4		*94.0%*			*80-120%*	"							"	
Dibromofluoromethane		*97.0%*			*80-120%*	"							"	
Toluene-d8		*100%*			*80-120%*	"							"	
Matrix Spike Dup (6050348-MSD1)							**QC Source: PPE0193-08**						**Extracted: 05/08/06 12:19**	
Benzene	EPA 8260B	21.7	---	1.00	ug/l	1x	ND	20.0	108%	(80-124)	4.72%	(25)	05/08/06 18:31	
Chlorobenzene	"	20.9	---	1.00	"	"	ND	"	104%	(72.9-134)	4.90%	"	"	
1,1-Dichloroethene	"	21.5	---	1.00	"	"	ND	"	108%	(79.3-127)	3.79%	"	"	
Toluene	"	21.1	---	1.00	"	"	ND	"	106%	(79.7-131)	3.86%	"	"	
Trichloroethene	"	20.7	---	1.00	"	"	ND	"	104%	(68.4-130)	4.44%	"	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 80-120%*	"							*05/08/06 18:31*	
1,2-DCA-d4		*94.0%*			*80-120%*	"							"	
Dibromofluoromethane		*96.5%*			*80-120%*	"							"	
Toluene-d8		*99.5%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050582 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050582-BLK1)								**Extracted: 05/12/06 08:41**						
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	05/12/06 13:07	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050582 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050582-BLK1)									**Extracted: 05/12/06 08:41**					
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	05/12/06 13:07	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 91.0%*			*Limits: 80-120%*	"							*05/12/06 13:07*	
1,2-DCA-d4		*117%*			*80-120%*	"							"	
Dibromofluoromethane		*114%*			*80-120%*	"							"	
Toluene-d8		*106%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050582 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050582-BS1)								**Extracted: 05/12/06 08:41**						
Benzene	EPA 8260B	22.5	---	1.00	ug/l	1x	--	20.0	112%	(80-120)	--	--	05/12/06 10:40	
Chlorobenzene	"	23.0	---	1.00	"	"	--	"	115%	(80-124)	--	--	"	
1,1-Dichloroethene	"	20.5	---	1.00	"	"	--	"	102%	(78-120)	--	--	"	
Toluene	"	22.4	---	1.00	"	"	--	"	112%	(80-124)	--	--	"	
Trichloroethene	"	22.4	---	1.00	"	"	--	"	112%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 80-120%*	"							*05/12/06 10:40*	
1,2-DCA-d4		*113%*			*80-120%*	"							"	
Dibromofluoromethane		*112%*			*80-120%*	"							"	
Toluene-d8		*110%*			*80-120%*	"							"	
Matrix Spike (6050582-MS1)					**QC Source: PPE0489-01**			**Extracted: 05/12/06 08:41**						
Benzene	EPA 8260B	23.5	---	1.00	ug/l	1x	ND	20.0	118%	(80-124)	--	--	05/12/06 11:12	
Chlorobenzene	"	23.5	---	1.00	"	"	ND	"	118%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	20.8	---	1.00	"	"	ND	"	104%	(79.3-127)	--	--	"	
Toluene	"	20.0	---	1.00	"	"	ND	"	100%	(79.7-131)	--	--	"	
Trichloroethene	"	22.1	---	1.00	"	"	ND	"	110%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 95.0%*			*Limits: 80-120%*	"							*05/12/06 11:12*	
1,2-DCA-d4		*111%*			*80-120%*	"							"	
Dibromofluoromethane		*114%*			*80-120%*	"							"	
Toluene-d8		*99.0%*			*80-120%*	"							"	
Matrix Spike Dup (6050582-MSD1)					**QC Source: PPE0489-01**			**Extracted: 05/12/06 08:41**						
Benzene	EPA 8260B	24.0	---	1.00	ug/l	1x	ND	20.0	120%	(80-124)	2.11%	(25)	05/12/06 11:41	
Chlorobenzene	"	23.7	---	1.00	"	"	ND	"	118%	(72.9-134)	0.847%	"	"	
1,1-Dichloroethene	"	20.5	---	1.00	"	"	ND	"	102%	(79.3-127)	1.45%	"	"	
Toluene	"	19.3	---	1.00	"	"	ND	"	96.5%	(79.7-131)	3.56%	"	"	
Trichloroethene	"	22.7	---	1.00	"	"	ND	"	114%	(68.4-130)	2.68%	"	"	
Surrogate(s): 4-BFB		*Recovery: 99.5%*			*Limits: 80-120%*	"							*05/12/06 11:41*	
1,2-DCA-d4		*113%*			*80-120%*	"							"	
Dibromofluoromethane		*112%*			*80-120%*	"							"	
Toluene-d8		*98.0%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050651 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050651-BLK1)								**Extracted: 05/15/06 08:50**						
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	05/15/06 15:19	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050651 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050651-BLK1)								**Extracted: 05/15/06 08:50**						
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	05/15/06 15:19	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 91.5%*			*Limits: 80-120%*	"							*05/15/06 15:19*	
1,2-DCA-d4		*108%*			*80-120%*	"							*"*	
Dibromofluoromethane		*104%*			*80-120%*	"							*"*	
Toluene-d8		*100%*			*80-120%*	"							*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050651 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050651-BS1)								**Extracted: 05/15/06 08:50**						
Benzene	EPA 8260B	21.7	---	1.00	ug/l	1x	--	20.0	108%	(80-120)	--	--	05/15/06 13:30	
Chlorobenzene	"	20.9	---	1.00	"	"	--	"	104%	(80-124)	--	--	"	
1,1-Dichloroethene	"	20.9	---	1.00	"	"	--	"	104%	(78-120)	--	--	"	
Toluene	"	21.3	---	1.00	"	"	--	"	106%	(80-124)	--	--	"	
Trichloroethene	"	24.6	---	1.00	"	"	--	"	123%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 116%*			*Limits: 80-120%*	"							*05/15/06 13:30*	
1,2-DCA-d4		*106%*			*80-120%*	"							"	
Dibromofluoromethane		*103%*			*80-120%*	"							"	
Toluene-d8		*106%*			*80-120%*	"							"	
Matrix Spike (6050651-MS1)					**QC Source: PPE0530-01**			**Extracted: 05/15/06 08:50**						
Benzene	EPA 8260B	20.7	---	1.00	ug/l	1x	ND	20.0	104%	(80-124)	--	--	05/15/06 13:57	
Chlorobenzene	"	19.9	---	1.00	"	"	ND	"	99.5%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	19.4	---	1.00	"	"	ND	"	97.0%	(79.3-127)	--	--	"	
Toluene	"	17.4	---	1.00	"	"	ND	"	87.0%	(79.7-131)	--	--	"	
Trichloroethene	"	19.8	---	1.00	"	"	ND	"	99.0%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 106%*			*Limits: 80-120%*	"							*05/15/06 13:57*	
1,2-DCA-d4		*102%*			*80-120%*	"							"	
Dibromofluoromethane		*101%*			*80-120%*	"							"	
Toluene-d8		*96.0%*			*80-120%*	"							"	
Matrix Spike Dup (6050651-MSD1)					**QC Source: PPE0530-01**			**Extracted: 05/15/06 08:50**						
Benzene	EPA 8260B	21.9	---	1.00	ug/l	1x	ND	20.0	110%	(80-124)	5.63%	(25)	05/15/06 14:24	
Chlorobenzene	"	21.3	---	1.00	"	"	ND	"	106%	(72.9-134)	6.80%	"	"	
1,1-Dichloroethene	"	20.1	---	1.00	"	"	ND	"	100%	(79.3-127)	3.54%	"	"	
Toluene	"	17.9	---	1.00	"	"	ND	"	89.5%	(79.7-131)	2.83%	"	"	
Trichloroethene	"	20.9	---	1.00	"	"	ND	"	104%	(68.4-130)	5.41%	"	"	
Surrogate(s): 4-BFB		*Recovery: 110%*			*Limits: 80-120%*	"							*05/15/06 14:24*	
1,2-DCA-d4		*102%*			*80-120%*	"							"	
Dibromofluoromethane		*102%*			*80-120%*	"							"	
Toluene-d8		*96.0%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050659 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050659-BLK1)								**Extracted: 05/15/06 09:15**						
Acetone	EPA 8260B	ND	---	2500	ug/kg wet	1x	--	--	--	--	--	--	05/16/06 19:43	
Benzene	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	998	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	499	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	998	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050659 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050659-BLK1)									**Extracted: 05/15/06 09:15**					
Hexachlorobutadiene	EPA 8260B	ND	---	399	ug/kg wet	1x	--	--	--	--	--	--	05/16/06 19:43	
2-Hexanone	"	ND	---	998	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 108%*			*Limits: 75-125%*	*0.01x*							*05/16/06 19:43*	
1,2-DCA-d4		*96.5%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*98.5%*			*75-125%*	*"*							*"*	
Toluene-d8		*102%*			*75-125%*	*"*							*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050659 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050659-BS1)													**Extracted: 05/15/06 09:15**	
Benzene	EPA 8260B	2080	---	19.9	ug/kg wet	1x	--	1990	105%	(81.9-125)	--	--	05/16/06 16:03	
Chlorobenzene	"	2030	---	99.4	"	"	--	"	102%	(79.2-125)	--	--	"	
1,1-Dichloroethene	"	2090	---	99.4	"	"	--	"	105%	(66.1-125)	--	--	"	
Toluene	"	2120	---	99.4	"	"	--	"	107%	(80-125)	--	--	"	
Trichloroethene	"	2030	---	99.4	"	"	--	"	102%	(76-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 110%*			*Limits: 75-125%*	*0.01x*							*05/16/06 16:03*	
1,2-DCA-d4		*112%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*111%*			*75-125%*	*"*							*"*	
Toluene-d8		*109%*			*75-125%*	*"*							*"*	
Matrix Spike (6050659-MS1)							**QC Source: PPE0248-01**						**Extracted: 05/15/06 09:15**	
Benzene	EPA 8260B	2340	---	23.0	ug/kg dry	1x	ND	2300	102%	(68.5-125)	--	--	05/16/06 16:31	
Chlorobenzene	"	2240	---	115	"	"	ND	"	97.4%	(65.9-125)	--	--	"	
1,1-Dichloroethene	"	2330	---	115	"	"	ND	"	101%	(55.8-125)	--	--	"	
Toluene	"	2350	---	115	"	"	10.4	"	102%	(70.3-125)	--	--	"	
Trichloroethene	"	2280	---	115	"	"	ND	"	99.1%	(65.5-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 105%*			*Limits: 75-125%*	*0.01x*							*05/16/06 16:31*	
1,2-DCA-d4		*101%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*99.6%*			*75-125%*	*"*							*"*	
Toluene-d8		*102%*			*75-125%*	*"*							*"*	
Matrix Spike Dup (6050659-MSD1)							**QC Source: PPE0248-01**						**Extracted: 05/15/06 09:15**	
Benzene	EPA 8260B	2250	---	23.0	ug/kg dry	1x	ND	2300	97.8%	(68.5-125)	3.92%	(25)	05/16/06 16:59	
Chlorobenzene	"	2200	---	115	"	"	ND	"	95.7%	(65.9-125)	1.80%	"	"	
1,1-Dichloroethene	"	2310	---	115	"	"	ND	"	100%	(55.8-125)	0.862%	"	"	
Toluene	"	2310	---	115	"	"	10.4	"	100%	(70.3-125)	1.72%	"	"	
Trichloroethene	"	2270	---	115	"	"	ND	"	98.7%	(65.5-125)	0.440%	"	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 75-125%*	*0.01x*							*05/16/06 16:59*	
1,2-DCA-d4		*96.5%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*99.1%*			*75-125%*	*"*							*"*	
Toluene-d8		*101%*			*75-125%*	*"*							*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050299 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050299-BLK1)								**Extracted: 05/05/06 20:00**						
1,2 Diphenylhydrazine (as Azobenzene)	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	05/11/06 08:18	
Carbazole	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050299 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050299-BLK1)								**Extracted: 05/05/06 20:00**						
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	---	10.0	ug/l	1x	--	--	--	--	--	--	05/11/06 08:18	
Fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 68.0%*	*Limits: 28-118%*	"	*05/11/06 08:18*
	2-Fluorophenol	*55.3%*	*12-100%*	"	"
	Nitrobenzene-d5	*83.9%*	*37-124%*	"	"
	Phenol-d6	*45.9%*	*4-105%*	"	"
	p-Terphenyl-d14	*101%*	*44-140%*	"	"
	2,4,6-Tribromophenol	*82.7%*	*31-142%*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050299 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050299-BS1)							**Extracted: 05/05/06 20:00**							
Acenaphthene	EPA 8270C	60.2	---	5.00	ug/l	1x	--	75.0	80.3%	(47-145)	--	--	05/11/06 09:01	
4-Chloro-3-methylphenol	"	127	---	5.00	"	"	--	150	84.7%	(22-147)	--	--	"	
2-Chlorophenol	"	134	---	5.00	"	"	--	"	89.3%	(23-134)	--	--	"	
1,4-Dichlorobenzene	"	38.3	---	5.00	"	"	--	75.0	51.1%	(8-124)	--	--	"	
2,4-Dinitrotoluene	"	66.6	---	5.00	"	"	--	"	88.8%	(39-139)	--	--	"	
4-Nitrophenol	"	108	---	25.0	"	"	--	150	72.0%	(1-132)	--	--	"	
N-Nitrosodi-n-propylamine	"	61.8	---	10.0	"	"	--	75.0	82.4%	(1-230)	--	--	"	
Pentachlorophenol	"	112	---	10.0	"	"	--	150	74.7%	(14-176)	--	--	"	
Phenol	"	105	---	5.00	"	"	--	"	70.0%	(5-112)	--	--	"	
Pyrene	"	67.4	---	5.00	"	"	--	75.0	89.9%	(52-122)	--	--	"	
1,2,4-Trichlorobenzene	"	42.0	---	5.00	"	"	--	"	56.0%	(11-142)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 76.7%*			*Limits: 28-118%*	"							*05/11/06 09:01*	
2-Fluorophenol		*85.3%*			*12-100%*	"							"	
Nitrobenzene-d5		*86.5%*			*37-124%*	"							"	
Phenol-d6		*70.7%*			*4-105%*	"							"	
p-Terphenyl-d14		*100%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*102%*			*31-142%*	"							"	
LCS Dup (6050299-BSD1)							**Extracted: 05/05/06 20:00**							
Acenaphthene	EPA 8270C	62.4	---	5.00	ug/l	1x	--	75.0	83.2%	(47-145)	3.59%	(50)	05/11/06 09:44	
4-Chloro-3-methylphenol	"	123	---	5.00	"	"	--	150	82.0%	(22-147)	3.20%	"	"	
2-Chlorophenol	"	118	---	5.00	"	"	--	"	78.7%	(23-134)	12.7%	"	"	
1,4-Dichlorobenzene	"	35.2	---	5.00	"	"	--	75.0	46.9%	(8-124)	8.44%	"	"	
2,4-Dinitrotoluene	"	67.3	---	5.00	"	"	--	"	89.7%	(39-139)	1.05%	"	"	
4-Nitrophenol	"	85.7	---	25.0	"	"	--	150	57.1%	(1-132)	23.0%	"	"	
N-Nitrosodi-n-propylamine	"	59.6	---	10.0	"	"	--	75.0	79.5%	(1-230)	3.62%	"	"	
Pentachlorophenol	"	108	---	10.0	"	"	--	150	72.0%	(14-176)	3.64%	"	"	
Phenol	"	77.3	---	5.00	"	"	--	"	51.5%	(5-112)	30.4%	"	"	
Pyrene	"	70.4	---	5.00	"	"	--	75.0	93.9%	(52-122)	4.35%	"	"	
1,2,4-Trichlorobenzene	"	43.1	---	5.00	"	"	--	"	57.5%	(11-142)	2.59%	"	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 78.3%*			*Limits: 28-118%*	"							*05/11/06 09:44*	
2-Fluorophenol		*65.2%*			*12-100%*	"							"	
Nitrobenzene-d5		*89.5%*			*37-124%*	"							"	
Phenol-d6		*54.3%*			*4-105%*	"							"	
p-Terphenyl-d14		*104%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*101%*			*31-142%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050448 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050448-BLK1)									Extracted: 05/10/06 11:30					
Carbazole	EPA 8270C	ND	---	0.328	mg/kg wet	1x	--	--	--	--	--	--	05/16/06 19:32	
Acenaphthene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	1.99	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	1.99	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	0.498	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	0.498	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	1.99	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050448 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050448-BLK1)							**Extracted: 05/10/06 11:30**							
Fluoranthene	EPA 8270C	ND	---	0.328	mg/kg wet	1x	--	--	--	--	--	--	05/16/06 19:32	
Fluorene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	0.995	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery:*	*83.5%*	*Limits:*	*44-146%*	*" 05/16/06 19:32*
	2-Fluorophenol		*78.3%*		*42-126%*	*"*
	Nitrobenzene-d5		*77.1%*		*42-126%*	*"*
	Phenol-d6		*76.1%*		*42-131%*	*"*
	p-Terphenyl-d14		*94.0%*		*49-150%*	*"*
	2,4,6-Tribromophenol		*82.1%*		*48-119%*	*"*

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050448 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050448-BS1)									**Extracted: 05/10/06 11:30**					
Acenaphthene	EPA 8270C	1.91	---	0.326	mg/kg wet	1x	--	2.47	77.3%	(30-115)	--	--	05/16/06 20:17	
4-Chloro-3-methylphenol	"	4.09	---	0.326	"	"	--	4.94	82.8%	(40-110)	--	--	"	
2-Chlorophenol	"	2.70	---	0.326	"	"	--	"	54.7%	(40-100)	--	--	"	
1,4-Dichlorobenzene	"	1.09	---	0.988	"	"	--	2.47	44.1%	(10-100)	--	--	"	
2,4-Dinitrotoluene	"	2.29	---	0.494	"	"	--	"	92.7%	(30-110)	--	--	"	
4-Nitrophenol	"	4.38	---	0.988	"	"	--	4.94	88.7%	(30-130)	--	--	"	
N-Nitrosodi-n-propylamine	"	1.73	---	0.326	"	"	--	2.47	70.0%	(30-110)	--	--	"	
Pentachlorophenol	"	3.07	---	0.988	"	"	--	4.94	62.1%	(14-120)	--	--	"	
Phenol	"	2.81	---	0.326	"	"	--	"	56.9%	(35-100)	--	--	"	
Pyrene	"	2.37	---	0.326	"	"	--	2.47	96.0%	(30-115)	--	--	"	
1,2,4-Trichlorobenzene	"	1.38	---	0.988	"	"	--	"	55.9%	(18-100)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 92.7%*			*Limits: 44-146%*	"							*05/16/06 20:17*	
2-Fluorophenol		*90.3%*			*42-126%*	"							"	
Nitrobenzene-d5		*83.4%*			*42-126%*	"							"	
Phenol-d6		*89.5%*			*42-131%*	"							"	
p-Terphenyl-d14		*101%*			*49-150%*	"							"	
2,4,6-Tribromophenol		*97.6%*			*48-119%*	"							"	
Matrix Spike (6050448-MS1)							**QC Source: PPE0360-05**		**Extracted: 05/10/06 11:30**					
Acenaphthene	EPA 8270C	1.76	---	0.417	mg/kg dry	1x	ND	3.16	55.7%	(40-110)	--	--	05/17/06 23:36	
4-Chloro-3-methylphenol	"	3.79	---	0.417	"	"	ND	6.32	60.0%	"	--	--	"	
2-Chlorophenol	"	3.01	---	0.417	"	"	ND	"	47.6%	(40-100)	--	--	"	
1,4-Dichlorobenzene	"	0.628	---	1.26	"	"	ND	3.16	19.9%	(10-100)	--	--	"	
2,4-Dinitrotoluene	"	2.08	---	0.632	"	"	ND	"	65.8%	(40-110)	--	--	"	
4-Nitrophenol	"	4.00	---	1.26	"	"	ND	6.32	63.3%	(40-125)	--	--	"	
N-Nitrosodi-n-propylamine	"	1.64	---	0.417	"	"	ND	3.16	51.9%	(30-110)	--	--	"	
Pentachlorophenol	"	3.07	---	1.26	"	"	ND	6.32	48.6%	(25-110)	--	--	"	
Phenol	"	2.97	---	0.417	"	"	ND	"	47.0%	(35-100)	--	--	"	
Pyrene	"	2.19	---	0.417	"	"	ND	3.16	69.3%	(40-110)	--	--	"	
1,2,4-Trichlorobenzene	"	1.05	---	1.26	"	"	ND	"	33.2%	(30-101)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 65.5%*			*Limits: 44-146%*	"							*05/17/06 23:36*	
2-Fluorophenol		*59.3%*			*42-126%*	"							"	
Nitrobenzene-d5		*57.0%*			*42-126%*	"							"	
Phenol-d6		*59.8%*			*42-131%*	"							"	
p-Terphenyl-d14		*75.3%*			*49-150%*	"							"	
2,4,6-Tribromophenol		*62.2%*			*48-119%*	"							"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050448 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6050448-MSD1)					**QC Source: PPE0360-05**				**Extracted: 05/10/06 11:30**					
Acenaphthene	EPA 8270C	1.30	---	0.423	mg/kg dry	1x	ND	3.20	40.6%	(40-110)	30.1%	(40)	05/18/06 00:20	
4-Chloro-3-methylphenol	"	2.68	---	0.423	"	"	ND	6.41	41.8%	"	34.3%	"	"	
2-Chlorophenol	"	2.06	---	0.423	"	"	ND	"	32.1%	(40-100)	37.5%	"	"	A-01a
1,4-Dichlorobenzene	"	0.489	---	1.28	"	"	ND	3.20	15.3%	(10-100)	24.9%	(60)	"	
2,4-Dinitrotoluene	"	1.57	---	0.641	"	"	ND	"	49.1%	(40-110)	27.9%	(40)	"	
4-Nitrophenol	"	3.10	---	1.28	"	"	ND	6.41	48.4%	(40-125)	25.4%	"	"	
N-Nitrosodi-n-propylamine	"	1.19	---	0.423	"	"	ND	3.20	37.2%	(30-110)	31.8%	"	"	
Pentachlorophenol	"	2.30	---	1.28	"	"	ND	6.41	35.9%	(25-110)	28.7%	(60)	"	
Phenol	"	2.08	---	0.423	"	"	ND	"	32.4%	(35-100)	35.2%	(40)	"	A-01a
Pyrene	"	1.60	---	0.423	"	"	ND	3.20	50.0%	(40-110)	31.1%	"	"	
1,2,4-Trichlorobenzene	"	0.803	---	1.28	"	"	ND	"	25.1%	(30-101)	26.7%	(60)	"	A-01a
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 48.1%*			*Limits: 44-146%*	"							*05/18/06 00:20*	
2-Fluorophenol		*39.9%*			*42-126%*	"							"	*A-01a*
Nitrobenzene-d5		*41.2%*			*42-126%*	"							"	*A-01a*
Phenol-d6		*40.9%*			*42-131%*	"							"	*A-01a*
p-Terphenyl-d14		*55.0%*			*49-150%*	"							"	
2,4,6-Tribromophenol		*45.7%*			*48-119%*	"							"	*A-01a*

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050900 **Water Preparation Method: EPA 3510/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050900-BLK1)								**Extracted: 05/18/06 21:00**						
Carbazole	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	05/22/06 23:06	
Acenaphthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050900 **Water Preparation Method: EPA 3510/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050900-BLK1)							**Extracted: 05/18/06 21:00**							
Fluoranthene	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	05/22/06 23:06	
Fluorene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 82.9%*	*Limits: 28-118%*	"	*05/22/06 23:06*
	2-Fluorophenol	*53.1%*	*12-100%*	"	"
	Nitrobenzene-d5	*80.0%*	*37-124%*	"	"
	Phenol-d6	*29.4%*	*4-105%*	"	"
	p-Terphenyl-d14	*107%*	*44-140%*	"	"
	2,4,6-Tribromophenol	*94.0%*	*31-142%*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050900 **Water Preparation Method: EPA 3510/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050900-BS1)							**Extracted: 05/18/06 21:00**							
Acenaphthene	EPA 8270C	64.9	---	5.00	ug/l	1x	--	75.0	86.5%	(47-145)	--	--	05/22/06 20:53	
4-Chloro-3-methylphenol	"	123	---	5.00	"	"	--	150	82.0%	(22-147)	--	--	"	
2-Chlorophenol	"	124	---	5.00	"	"	--	"	82.7%	(23-134)	--	--	"	
1,4-Dichlorobenzene	"	48.5	---	5.00	"	"	--	75.0	64.7%	(8-124)	--	--	"	
2,4-Dinitrotoluene	"	70.0	---	5.00	"	"	--	"	93.3%	(39-139)	--	--	"	
4-Nitrophenol	"	47.3	---	25.0	"	"	--	150	31.5%	(1-132)	--	--	"	
N-Nitrosodi-n-propylamine	"	54.8	---	10.0	"	"	--	75.0	73.1%	(1-230)	--	--	"	
Pentachlorophenol	"	110	---	10.0	"	"	--	150	73.3%	(14-176)	--	--	"	
Phenol	"	42.5	---	5.00	"	"	--	"	28.3%	(5-112)	--	--	"	
Pyrene	"	72.1	---	5.00	"	"	--	75.0	96.1%	(52-122)	--	--	"	
1,2,4-Trichlorobenzene	"	54.9	---	5.00	"	"	--	"	73.2%	(11-142)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 84.0%*			*Limits: 28-118%*	"							*05/22/06 20:53*	
2-Fluorophenol		*54.8%*			*12-100%*	"							"	
Nitrobenzene-d5		*80.9%*			*37-124%*	"							"	
Phenol-d6		*30.7%*			*4-105%*	"							"	
p-Terphenyl-d14		*99.5%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*93.3%*			*31-142%*	"							"	
LCS Dup (6050900-BSD1)							**Extracted: 05/18/06 21:00**							
Acenaphthene	EPA 8270C	64.4	---	5.00	ug/l	1x	--	75.0	85.9%	(47-145)	0.773%	(50)	05/22/06 21:37	
4-Chloro-3-methylphenol	"	123	---	5.00	"	"	--	150	82.0%	(22-147)	0.00%	"	"	
2-Chlorophenol	"	121	---	5.00	"	"	--	"	80.7%	(23-134)	2.45%	"	"	
1,4-Dichlorobenzene	"	47.9	---	5.00	"	"	--	75.0	63.9%	(8-124)	1.24%	"	"	
2,4-Dinitrotoluene	"	67.3	---	5.00	"	"	--	"	89.7%	(39-139)	3.93%	"	"	
4-Nitrophenol	"	47.4	---	25.0	"	"	--	150	31.6%	(1-132)	0.211%	"	"	
N-Nitrosodi-n-propylamine	"	55.8	---	10.0	"	"	--	75.0	74.4%	(1-230)	1.81%	"	"	
Pentachlorophenol	"	111	---	10.0	"	"	--	150	74.0%	(14-176)	0.905%	"	"	
Phenol	"	42.1	---	5.00	"	"	--	"	28.1%	(5-112)	0.946%	"	"	
Pyrene	"	74.0	---	5.00	"	"	--	75.0	98.7%	(52-122)	2.60%	"	"	
1,2,4-Trichlorobenzene	"	53.2	---	5.00	"	"	--	"	70.9%	(11-142)	3.15%	"	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 82.4%*			*Limits: 28-118%*	"							*05/22/06 21:37*	
2-Fluorophenol		*53.7%*			*12-100%*	"							"	
Nitrobenzene-d5		*80.4%*			*37-124%*	"							"	
Phenol-d6		*30.6%*			*4-105%*	"							"	
p-Terphenyl-d14		*102%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*93.3%*			*31-142%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050287 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050287-BLK1)							**Extracted: 05/05/06 16:20**							
Acenaphthene	EPA 8270m	ND	---	0.100	ug/l	1x	--	--	--	--	--	--	05/09/06 19:10	
Acenaphthylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 70.0%*			*Limits: 25-125%*	"							*05/09/06 19:10*	
Pyrene-d10		*72.4%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*70.4%*			*10-125%*	"							"	
LCS (6050287-BS1)							**Extracted: 05/05/06 16:20**							
Acenaphthene	EPA 8270m	1.85	---	0.100	ug/l	1x	--	2.50	74.0%	(26-135)	--	--	05/09/06 19:43	
Benzo (a) pyrene	"	2.03	---	0.100	"	"	--	"	81.2%	(38-137)	--	--	"	
Pyrene	"	2.00	---	0.100	"	"	--	"	80.0%	(33-133)	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 76.8%*			*Limits: 25-125%*	"							*05/09/06 19:43*	
Pyrene-d10		*75.2%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*79.6%*			*10-125%*	"							"	
LCS Dup (6050287-BSD1)							**Extracted: 05/05/06 16:20**							
Acenaphthene	EPA 8270m	1.77	---	0.100	ug/l	1x	--	2.50	70.8%	(26-135)	4.42%	(60)	05/09/06 20:16	
Benzo (a) pyrene	"	1.93	---	0.100	"	"	--	"	77.2%	(38-137)	5.05%	"	"	
Pyrene	"	1.95	---	0.100	"	"	--	"	78.0%	(33-133)	2.53%	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 75.6%*			*Limits: 25-125%*	"							*05/09/06 20:16*	
Pyrene-d10		*74.4%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*76.8%*			*10-125%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050420 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050420-BLK1)							**Extracted: 05/09/06 16:10**							
Acenaphthene	EPA 8270m	ND	---	0.100	ug/l	1x	--	--	--	--	--	--	05/11/06 16:50	
Acenaphthylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*75.2%*		*Limits:*	*25-125%*	*"*						*05/11/06 16:50*	
	2,4,6-Tribromophenol		*71.2%*			*5-157%*	*"*						*"*	
	Pyrene-d10		*74.0%*			*23-150%*	*"*						*"*	
	Benzo (a) pyrene-d12		*81.2%*			*10-125%*	*"*						*"*	
LCS (6050420-BS1)							**Extracted: 05/09/06 16:10**							
Acenaphthene	EPA 8270m	1.94	---	0.100	ug/l	1x	--	2.50	77.6%	(27-133)	--	--	05/11/06 17:20	
Benzo (a) pyrene	"	2.26	---	0.100	"	"	--	"	90.4%	(41-139)	--	--	"	
Pentachlorophenol	"	2.75	---	1.00	"	"	--	5.00	55.0%	(24-147)	--	--	"	
Pyrene	"	2.06	---	0.100	"	"	--	2.50	82.4%	(34-143)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*72.4%*		*Limits:*	*25-125%*	*"*						*05/11/06 17:20*	
	2,4,6-Tribromophenol		*83.6%*			*5-157%*	*"*						*"*	
	Pyrene-d10		*72.8%*			*23-150%*	*"*						*"*	
	Benzo (a) pyrene-d12		*80.0%*			*10-125%*	*"*						*"*	

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050420 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6050420-BSD1)							**Extracted: 05/09/06 16:10**							
Acenaphthene	EPA 8270m	2.10	---	0.100	ug/l	1x	--	2.50	84.0%	(27-133)	7.92%	(50)	05/11/06 17:50	
Benzo (a) pyrene	"	2.48	---	0.100	"	"	--	"	99.2%	(41-139)	9.28%	"	"	
Pentachlorophenol	"	2.93	---	1.00	"	"	--	5.00	58.6%	(24-147)	6.34%	"	"	
Pyrene	"	2.25	---	0.100	"	"	--	2.50	90.0%	(34-143)	8.82%	"	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*79.6%*		*Limits:*	*25-125%*	*"*						*05/11/06 17:50*	
	2,4,6-Tribromophenol		*94.0%*			*5-157%*	*"*						*"*	
	Pyrene-d10		*78.0%*			*23-150%*	*"*						*"*	
	Benzo (a) pyrene-d12		*86.8%*			*10-125%*	*"*						*"*	

QC Batch: 6050660 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050660-BLK1)							**Extracted: 05/15/06 08:39**							
Acenaphthene	EPA 8270m	ND	---	13.3	ug/kg wet	1x	--	--	--	--	--	--	05/19/06 15:52	
Acenaphthylene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	66.7	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*76.8%*		*Limits:*	*32-134%*	*"*						*05/19/06 15:52*	
	2,4,6-Tribromophenol		*69.7%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*84.2%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*97.7%*			*36-145%*	*"*						*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050660 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050660-BS1)								**Extracted: 05/15/06 08:39**						
Acenaphthene	EPA 8270m	124	---	13.2	ug/kg wet	1x	--	165	75.2%	(33-139)	--	--	05/18/06 19:36	
Benzo (a) pyrene	"	165	---	13.2	"	"	--	"	100%	(45-149)	--	--	"	
Pentachlorophenol	"	192	---	66.2	"	"	--	329	58.4%	(14-176)	--	--	"	
Pyrene	"	134	---	13.2	"	"	--	165	81.2%	(39-138)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*78.7%*		*Limits:*	*32-134%*	*"*						*05/18/06 19:36*	
	2,4,6-Tribromophenol		*90.2%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*77.9%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*92.8%*			*36-145%*	*"*						*"*	
Matrix Spike (6050660-MS1)					**QC Source: PPE0193-11**			**Extracted: 05/15/06 08:39**						
Acenaphthene	EPA 8270m	170	---	65.4	ug/kg dry	4x	ND	203	83.7%	(33-139)	--	--	05/18/06 23:13	
Benzo (a) pyrene	"	208	---	65.4	"	"	9.12	"	98.0%	(45-149)	--	--	"	
Pentachlorophenol	"	258	---	327	"	"	ND	407	63.4%	(14-176)	--	--	"	
Pyrene	"	351	---	65.4	"	"	72.1	203	137%	(39-138)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*85.1%*		*Limits:*	*32-134%*	*"*						*05/18/06 23:13*	
	2,4,6-Tribromophenol		*96.1%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*81.2%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*95.6%*			*36-145%*	*"*						*"*	
Matrix Spike Dup (6050660-MSD1)					**QC Source: PPE0193-11**			**Extracted: 05/15/06 08:39**						
Acenaphthene	EPA 8270m	166	---	65.4	ug/kg dry	4x	ND	203	81.8%	(33-139)	2.38%	(50)	05/18/06 23:44	
Benzo (a) pyrene	"	221	---	65.4	"	"	9.12	"	104%	(45-149)	6.06%	"	"	
Pentachlorophenol	"	239	---	327	"	"	ND	407	58.7%	(14-176)	7.65%	(60)	"	
Pyrene	"	343	---	65.4	"	"	72.1	203	133%	(39-138)	2.31%	(50)	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*85.9%*		*Limits:*	*32-134%*	*"*						*05/18/06 23:44*	
	2,4,6-Tribromophenol		*98.0%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*85.0%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*96.9%*			*36-145%*	*"*						*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/26/06 17:52

Percent Dry Weight (Solids) per Standard Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050309 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (6050309-DUP1)					**QC Source: PPE0282-01**				**Extracted: 05/06/06 10:18**					
% Solids	NCA SOP	82.3	---	1.00	% by Weight	1x	82.8	--	--	--	0.606%	(20)	05/06/06 15:43	

QC Batch: 6050416 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (6050416-DUP1)					**QC Source: PPE0193-03**				**Extracted: 05/09/06 12:04**					
% Solids	NCA SOP	87.1	---	1.00	% by Weight	1x	77.1	--	--	--	12.2%	(20)	05/10/06 10:01	
Duplicate (6050416-DUP2)					**QC Source: PPE0193-33**				**Extracted: 05/09/06 12:04**					
% Solids	NCA SOP	93.9	---	1.00	% by Weight	1x	94.8	--	--	--	0.954%	(20)	05/10/06 10:01	

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Notes and Definitions

Report Specific Notes:

A-01	-	Detected hydrocarbons have distinct peaks that have elution patterns similar to that of PAH's, as well as other extraneous peaks that may be due to biogenic interference.
A-01a	-	This compound was below laboratory criteria. The low recovery is isolated to this sample and does not represent an out of control condition for the batch. See the LCS.
A-02	-	This compound is present in creosote.
A-03	-	Per USEPA, creosote is considered to be present when the level of phenanthrene is 1.4 to 5 times that of carbazole. This sample fits this criterion.
A-05	-	Detected hydrocarbons have distinct peaks that have elution patterns similar to that of PAH's.
A-07	-	Estimated value, the internal standard associated with this analyte was above normal acceptance criteria.
A-10	-	Sample extracted outside of hold time due to extraction problem in the laboratory.
D-09	-	Detected hydrocarbons in the diesel range appear to be due to overlap of heavy/oil range hydrocarbons.
J	-	Estimated value.
O-07	-	This sample was extracted outside the EPA recommended holding time.
Q-01	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch.
Q-14	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of control limits due to a non-homogeneous sample matrix.
R-05	-	Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
R-08	-	Due to matrix unable to resolve Benzofluoranthene isomers. Value reported only in Benzo(b) category represents Total Benzo(b+k)fluoranthene.
R-16	-	Estimated Value. Sample reported from a vial with headspace.
S-01	-	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-02	-	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present.
S-12	-	Unable to calculate surrogate recovery due to high analyte concentration.
SR-3	-	Surrogate recovery was above the acceptance limits. Data not impacted.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

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MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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May 31, 2006

R. Scott Miller
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 05/09/06 09:30. The following list is a summary of the Work Orders contained in this report, generated on 05/31/06 17:47.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPE0352	Jeld Wen- Nord Door	008.0228.00013

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP1-6	PPE0352-01	Soil	05/04/06 08:20	05/09/06 09:30
GP1-10	PPE0352-02	Soil	05/04/06 08:30	05/09/06 09:30
GP1-GW	PPE0352-03	Water	05/04/06 10:35	05/09/06 09:30
GP2-5	PPE0352-04	Soil	05/04/06 08:55	05/09/06 09:30
GP2-GW	PPE0352-05	Water	05/04/06 14:55	05/09/06 09:30
GP3-9	PPE0352-07	Soil	05/04/06 09:50	05/09/06 09:30
GP3-GW	PPE0352-08	Water	05/04/06 15:20	05/09/06 09:30
GP22-6.5	PPE0352-09	Soil	05/04/06 10:15	05/09/06 09:30
GP22-GW	PPE0352-10	Water	05/04/06 12:45	05/09/06 09:30
GP20-GW	PPE0352-12	Water	05/04/06 12:10	05/09/06 09:30
GP21-5	PPE0352-13	Soil	05/04/06 12:25	05/09/06 09:30
GP21-GW	PPE0352-14	Water	05/04/06 13:10	05/09/06 09:30
GP35-7	PPE0352-15	Soil	05/04/06 13:15	05/09/06 09:30
GP35-GW	PPE0352-16	Water	05/04/06 14:30	05/09/06 09:30
GP5-6.5	PPE0352-17	Soil	05/04/06 13:45	05/09/06 09:30
GP5-12	PPE0352-18	Soil	05/04/06 14:00	05/09/06 09:30
GP5-GW	PPE0352-19	Water	05/04/06 13:50	05/09/06 09:30
GP11-6	PPE0352-20	Soil	05/04/06 14:20	05/09/06 09:30
GP11-12	PPE0352-21	Soil	05/04/06 14:30	05/09/06 09:30
GP11-GW	PPE0352-22	Water	05/04/06 15:45	05/09/06 09:30
GP29-8	PPE0352-23	Soil	05/04/06 14:55	05/09/06 09:30
GP29-GW	PPE0352-24	Water	05/04/06 15:45	05/09/06 09:30

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Analytical Case Narrative

North Creek Analytical - Portland

PPE0352

Semivolatile Organic Compound per EPA Method 8270C

The method blank surrogate recoveries of 2-fluorophenol, phenol-d6 and nitrobenzene-d5 in batch 6050711 are below acceptable limits. All recoveries for the blank spike are acceptable. The surrogate problem appears to be an isolated incident during the concentration of the extract. Corrective action required re-extraction of sample GP1-10. Re-extraction was done outside of recommended hold time. Both sets of data are reported.

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1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-01 (GP1-6)		**Soil**				**Sampled: 05/04/06 08:20**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	33.2	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 01:25	
Diesel Range Hydrocarbons	"	ND	-----	82.9	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	166	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*80.5%*		*50 - 150 %*	"			"	
PPE0352-02 (GP1-10)		**Soil**				**Sampled: 05/04/06 08:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	18.6	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 10:25	
Diesel Range Hydrocarbons	"	**DET**	-----	46.5	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	93.1	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*78.2%*		*50 - 150 %*	"			"	
PPE0352-03 (GP1-GW)		**Water**				**Sampled: 05/04/06 10:35**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050431	05/09/06 21:40	05/10/06 17:35	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*85.7%*		*50 - 150 %*	"			"	
PPE0352-04 (GP2-5)		**Soil**				**Sampled: 05/04/06 08:55**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	16.8	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 06:46	
Diesel Range Hydrocarbons	"	ND	-----	41.9	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	83.8	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*94.0%*		*50 - 150 %*	"			"	
PPE0352-05 (GP2-GW)		**Water**				**Sampled: 05/04/06 14:55**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.238	mg/l	1x	6050431	05/09/06 21:40	05/10/06 18:06	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*88.1%*		*50 - 150 %*	"			"	
PPE0352-07 (GP3-9)		**Soil**				**Sampled: 05/04/06 09:50**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	21.6	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 08:21	
Diesel Range Hydrocarbons	"	ND	-----	54.0	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	108	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*94.3%*		*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-08 (GP3-GW)		**Water**				**Sampled: 05/04/06 15:20**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.238	mg/l	1x	6050431	05/09/06 21:40	05/10/06 18:38	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*94.4%*			*50 - 150 %*	"			"	
PPE0352-09 (GP22-6.5)		**Soil**				**Sampled: 05/04/06 10:15**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	20.2	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 07:18	
Diesel Range Hydrocarbons	"	ND	-----	50.6	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	101	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*84.4%*			*50 - 150 %*	"			"	
PPE0352-10 (GP22-GW)		**Water**				**Sampled: 05/04/06 12:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050431	05/09/06 21:40	05/10/06 19:09	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*88.2%*			*50 - 150 %*	"			"	
PPE0352-12 (GP20-GW)		**Water**				**Sampled: 05/04/06 12:10**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050875	05/18/06 17:30	05/19/06 04:22	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**D-19**
Surrogate(s): 1-Chlorooctadecane		*71.8%*			*50 - 150 %*	"			"	
PPE0352-13 (GP21-5)		**Soil**				**Sampled: 05/04/06 12:25**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.7	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 07:50	
Diesel Range Hydrocarbons	"	ND	-----	44.3	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	88.5	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*95.8%*			*50 - 150 %*	"			"	
PPE0352-14 (GP21-GW)		**Water**				**Sampled: 05/04/06 13:10**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050431	05/09/06 21:40	05/10/06 19:40	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*91.0%*			*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-15 (GP35-7)		**Soil**				**Sampled: 05/04/06 13:15**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	22.3	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 09:24	
Diesel Range Hydrocarbons	"	ND	-----	55.6	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	111	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*92.1%*			*50 - 150 %*	"			"	
PPE0352-16 (GP35-GW)		**Water**				**Sampled: 05/04/06 14:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050431	05/09/06 21:40	05/10/06 20:11	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*94.0%*			*50 - 150 %*	"			"	
PPE0352-17 (GP5-6.5)		**Soil**				**Sampled: 05/04/06 13:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.8	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 00:22	
Diesel Range Hydrocarbons	"	ND	-----	44.6	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	89.2	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*96.7%*			*50 - 150 %*	"			"	
PPE0352-18 (GP5-12)		**Soil**				**Sampled: 05/04/06 14:00**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	18.0	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 00:53	
Diesel Range Hydrocarbons	"	ND	-----	44.9	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	89.9	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*95.5%*			*50 - 150 %*	"			"	
PPE0352-19 (GP5-GW)		**Water**				**Sampled: 05/04/06 13:50**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.238	mg/l	1x	6050431	05/09/06 21:40	05/10/06 20:43	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*107%*			*50 - 150 %*	"			"	
PPE0352-20 (GP11-6)		**Soil**				**Sampled: 05/04/06 14:20**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	36.1	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 10:57	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	90.4	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	181	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane		*NR*			*50 - 150 %*	"			"	***S-02***

Sarah Rockwell

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-21 (GP11-12)		**Soil**				**Sampled: 05/04/06 14:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	26.7	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 08:53	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	66.8	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	134	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*81.2%*		*50 - 150 %*	"			"	
PPE0352-22 (GP11-GW)		**Water**				**Sampled: 05/04/06 15:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.240	mg/l	1x	6050431	05/09/06 21:40	05/10/06 21:14	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	0.606	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.606	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*NR*		*50 - 150 %*	"			"	***S-02***
PPE0352-23 (GP29-8)		**Soil**				**Sampled: 05/04/06 14:55**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	20.7	mg/kg dry	1x	6050449	05/10/06 12:00	05/11/06 09:53	
Diesel Range Hydrocarbons	"	ND	-----	51.9	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	104	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*83.7%*		*50 - 150 %*	"			"	
PPE0352-24 (GP29-GW)		**Water**				**Sampled: 05/04/06 15:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6050431	05/09/06 21:40	05/10/06 21:45	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**D-19**
Surrogate(s): 1-Chlorooctadecane			*98.4%*		*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Gasoline Hydrocarbons per NW TPH-Gx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-02 (GP1-10)		**Soil**				**Sampled: 05/04/06 08:30**				
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	-----	4.47	mg/kg dry	1x	6050603	05/12/06 14:45	05/13/06 01:42	
Surrogate(s): a,a,a-TFT		*61.3%*			*50 - 150 %*	"			"	
PPE0352-20 (GP11-6)		**Soil**				**Sampled: 05/04/06 14:20**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**57.5**	-----	7.43	mg/kg dry	1x	6050603	05/12/06 14:45	05/15/06 18:07	
Surrogate(s): a,a,a-TFT		*44.7%*			*50 - 150 %*	"			"	***S-09***
PPE0352-21 (GP11-12)		**Soil**				**Sampled: 05/04/06 14:30**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**11.0**	-----	5.91	mg/kg dry	1x	6050603	05/12/06 14:45	05/15/06 18:36	
Surrogate(s): a,a,a-TFT		*55.0%*			*50 - 150 %*	"			"	

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Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-09 (GP22-6.5)		**Soil**			**Sampled: 05/04/06 10:15**					
Diesel Range Organics	NWTPH-Dx	ND	-----	14.7	mg/kg dry	1x	6050785	05/17/06 14:30	05/18/06 18:27	
Heavy Oil Range Hydrocarbons	"	**37.5**	-----	29.3	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*107%*		*50 - 150 %*	"			"	
PPE0352-20 (GP11-6)		**Soil**			**Sampled: 05/04/06 14:20**					
Diesel Range Organics	NWTPH-Dx	**60400**	-----	1190	mg/kg dry	50x	6050785	05/17/06 14:30	05/22/06 13:09	**A-01a**
Heavy Oil Range Hydrocarbons	"	**15700**	-----	2380	"	"	"	"	"	**A-01a**
Surrogate(s): 1-Chlorooctadecane			*NR*		*50 - 150 %*	"			"	***S-01***
PPE0352-21 (GP11-12)		**Soil**			**Sampled: 05/04/06 14:30**					
Diesel Range Organics	NWTPH-Dx	**225**	-----	19.7	mg/kg dry	1x	6050785	05/17/06 14:30	05/18/06 19:34	**A-01a**
Heavy Oil Range Hydrocarbons	"	**47.4**	-----	39.3	"	"	"	"	"	**A-01a**
Surrogate(s): 1-Chlorooctadecane			*NR*		*50 - 150 %*	"			"	***S-02***
PPE0352-23 (GP29-8)		**Soil**			**Sampled: 05/04/06 14:55**					
Diesel Range Organics	NWTPH-Dx	ND	-----	16.2	mg/kg dry	1x	6050785	05/17/06 14:30	05/18/06 20:07	
Heavy Oil Range Hydrocarbons	"	**75.6**	-----	32.4	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*114%*		*50 - 150 %*	"			"	

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West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-05 (GP2-GW)		**Water**			**Sampled: 05/04/06 14:55**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050441	05/10/06 13:37	05/10/06 21:53	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-05 (GP2-GW)		**Water**			**Sampled: 05/04/06 14:55**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050441	05/10/06 13:37	05/10/06 21:53	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*81.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*102%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*97.5%*			*80 - 120 %*	"			"	
Toluene-d8		*93.0%*			*80 - 120 %*	"			"	

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Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-07 (GP3-9)		**Soil**			**Sampled: 05/04/06 09:50**					
Acetone	EPA 8260B	ND	-----	15600	ug/kg dry	5x	6050659	05/15/06 09:15	05/18/06 21:32	
Benzene	"	ND	-----	125	"	"	"	"	"	
Bromobenzene	"	ND	-----	623	"	"	"	"	"	
Bromochloromethane	"	ND	-----	623	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	623	"	"	"	"	"	
Bromoform	"	ND	-----	623	"	"	"	"	"	
Bromomethane	"	ND	-----	3120	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	6230	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	3120	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	623	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	623	"	"	"	"	"	
Carbon disulfide	"	ND	-----	6230	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	623	"	"	"	"	"	
Chlorobenzene	"	ND	-----	623	"	"	"	"	"	
Chloroethane	"	ND	-----	623	"	"	"	"	"	
Chloroform	"	ND	-----	623	"	"	"	"	"	
Chloromethane	"	ND	-----	3120	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	623	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	623	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	3120	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	623	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	623	"	"	"	"	"	
Dibromomethane	"	ND	-----	623	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	623	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	623	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	623	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	3120	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	623	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	623	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	623	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	623	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	623	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	623	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	623	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	623	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	623	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	623	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	623	"	"	"	"	"	

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1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-07 (GP3-9)		**Soil**			**Sampled: 05/04/06 09:50**					
Ethylbenzene	EPA 8260B	ND	-----	623	ug/kg dry	5x	6050659	05/15/06 09:15	05/18/06 21:32	
Hexachlorobutadiene	"	ND	-----	2490	"	"	"	"	"	
2-Hexanone	"	ND	-----	6230	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	1250	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	1250	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	3120	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	623	"	"	"	"	"	
Methylene chloride	"	ND	-----	3120	"	"	"	"	"	
Naphthalene	"	ND	-----	1250	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	623	"	"	"	"	"	
Styrene	"	ND	-----	623	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	623	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	623	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	623	"	"	"	"	"	
Toluene	"	**71000**	-----	623	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	623	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	623	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	623	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	623	"	"	"	"	"	
Trichloroethene	"	ND	-----	623	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	623	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	623	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	623	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	623	"	"	"	"	"	
Vinyl chloride	"	ND	-----	623	"	"	"	"	"	
o-Xylene	"	ND	-----	623	"	"	"	"	"	
m,p-Xylene	"	ND	-----	1250	"	"	"	"	"	

Surrogate(s):	*4-BFB*	*99.6%*	*75 - 125 %*	*0.01x*	*"*
	1,2-DCA-d4	*102%*	*75 - 125 %*	*"*	*"*
	Dibromofluoromethane	*101%*	*75 - 125 %*	*"*	*"*
	Toluene-d8	*105%*	*75 - 125 %*	*"*	*"*

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West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-08 (GP3-GW)		**Water**				**Sampled: 05/04/06 15:20**				
Acetone	EPA 8260B	ND	-----	12500	ug/l	500x	6050441	05/10/06 13:37	05/10/06 22:20	
Benzene	"	ND	-----	500	"	"	"	"	"	
Bromobenzene	"	ND	-----	500	"	"	"	"	"	
Bromochloromethane	"	ND	-----	500	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	500	"	"	"	"	"	
Bromoform	"	ND	-----	500	"	"	"	"	"	
Bromomethane	"	ND	-----	2500	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	5000	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	2500	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	500	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	500	"	"	"	"	"	
Carbon disulfide	"	ND	-----	5000	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	500	"	"	"	"	"	
Chlorobenzene	"	ND	-----	500	"	"	"	"	"	
Chloroethane	"	ND	-----	500	"	"	"	"	"	
Chloroform	"	ND	-----	500	"	"	"	"	"	
Chloromethane	"	ND	-----	2500	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	500	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	500	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	2500	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	500	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	500	"	"	"	"	"	
Dibromomethane	"	ND	-----	500	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	500	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	500	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	500	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	2500	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	500	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	500	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	500	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	500	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	500	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	500	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	500	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	500	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	500	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	500	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	500	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-08 (GP3-GW)		**Water**			**Sampled: 05/04/06 15:20**					
Ethylbenzene	EPA 8260B	ND	-----	500	ug/l	500x	6050441	05/10/06 13:37	05/10/06 22:20	
Hexachlorobutadiene	"	ND	-----	2000	"	"	"	"	"	
2-Hexanone	"	ND	-----	5000	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	1000	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	1000	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	2500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	500	"	"	"	"	"	
Methylene chloride	"	ND	-----	2500	"	"	"	"	"	
Naphthalene	"	ND	-----	1000	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	500	"	"	"	"	"	
Styrene	"	ND	-----	500	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	500	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	500	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	500	"	"	"	"	"	
Toluene	"	**60300**	-----	500	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	500	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	500	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	500	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	500	"	"	"	"	"	
Trichloroethene	"	ND	-----	500	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	500	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	500	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	500	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	500	"	"	"	"	"	
Vinyl chloride	"	ND	-----	500	"	"	"	"	"	
o-Xylene	"	ND	-----	500	"	"	"	"	"	
m,p-Xylene	"	ND	-----	1000	"	"	"	"	"	

Surrogate(s):	*4-BFB*	*81.5%*	*80 - 120 %*	*1x*	*"*
	1,2-DCA-d4	*105%*	*80 - 120 %*	*"*	*"*
	Dibromofluoromethane	*99.0%*	*80 - 120 %*	*"*	*"*
	Toluene-d8	*97.0%*	*80 - 120 %*	*"*	*"*

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-10RE1 (GP22-GW)		**Water**			**Sampled: 05/04/06 12:45**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050568	05/12/06 07:43	05/12/06 14:31	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-10RE1 (GP22-GW)		**Water**			**Sampled: 05/04/06 12:45**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050568	05/12/06 07:43	05/12/06 14:31	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*85.5%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*100%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*98.0%*			*80 - 120 %*	"			"	
Toluene-d8		*93.0%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-14RE1 (GP21-GW)		**Water**			**Sampled: 05/04/06 13:10**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050568	05/12/06 07:43	05/12/06 14:57	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-14RE1 (GP21-GW)		**Water**			**Sampled: 05/04/06 13:10**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050568	05/12/06 07:43	05/12/06 14:57	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*85.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*100%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*99.0%*			*80 - 120 %*	"			"	
Toluene-d8		*94.0%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-16RE1 (GP35-GW)		**Water**			**Sampled: 05/04/06 14:30**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050568	05/12/06 07:43	05/12/06 15:24	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-16RE1 (GP35-GW)		**Water**			**Sampled: 05/04/06 14:30**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050568	05/12/06 07:43	05/12/06 15:24	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*86.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*100%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*100%*			*80 - 120 %*	"			"	
Toluene-d8		*96.0%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-19RE1 (GP5-GW)		**Water**			**Sampled: 05/04/06 13:50**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050568	05/12/06 07:43	05/12/06 15:51	
Benzene	"	**3.13**	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-19RE1 (GP5-GW)		**Water**			**Sampled: 05/04/06 13:50**					
Ethylbenzene	EPA 8260B	**4.21**	-----	1.00	ug/l	1x	6050568	05/12/06 07:43	05/12/06 15:51	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	**11.6**	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	**1.95**	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	**2.08**	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	**3.39**	-----	2.00	"	"	"	"	"	
Surrogate(s):	*4-BFB*	*104%*			*80 - 120 %*	"			"	
	1,2-DCA-d4	*99.5%*			*80 - 120 %*	"			"	
	Dibromofluoromethane	*100%*			*80 - 120 %*	"			"	
	Toluene-d8	*95.0%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-24 (GP29-GW)		**Water**			**Sampled: 05/04/06 15:45**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6050441	05/10/06 13:37	05/11/06 00:07	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-24 (GP29-GW)		**Water**			**Sampled: 05/04/06 15:45**					
Ethylbenzene	EPA 8260B	ND	-----	1.00	ug/l	1x	6050441	05/10/06 13:37	05/11/06 00:07	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*		*80.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*108%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*101%*			*80 - 120 %*	"			"	
Toluene-d8		*94.5%*			*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes	
PPE0352-02 (GP1-10)		**Soil**			**Sampled: 05/04/06 08:30**						**R-05, X**
Carbazole	EPA 8270C	ND	-----	3.80	mg/kg dry	5x	6050711	05/15/06 20:00	05/24/06 06:19	**A-08**	
Acenaphthene	"	**6.96**	-----	3.80	"	"	"	"	"		**A-08**
Acenaphthylene	"	ND	-----	3.80	"	"	"	"	"	**A-08**	
Anthracene	"	ND	-----	3.80	"	"	"	"	"	**A-08**	
Benzo (a) anthracene	"	**4.26**	-----	3.80	"	"	"	"	"		**A-08**
Benzo (a) pyrene	"	ND	-----	3.80	"	"	"	"	"	**A-08**	
Benzo (b) fluoranthene	"	ND	-----	3.80	"	"	"	"	"	**A-08**	
Benzo (ghi) perylene	"	ND	-----	3.80	"	"	"	"	"	**A-08**	
Benzo (k) fluoranthene	"	ND	-----	3.80	"	"	"	"	"	**A-08**	
Benzoic Acid	"	ND	-----	11.5	"	"	"	"	"		
Benzyl alcohol	"	ND	-----	11.5	"	"	"	"	"		
4-Bromophenyl phenyl ether	"	ND	-----	3.80	"	"	"	"	"		
Butyl benzyl phthalate	"	ND	-----	3.80	"	"	"	"	"		
4-Chloro-3-methylphenol	"	ND	-----	3.80	"	"	"	"	"		
4-Chloroaniline	"	ND	-----	23.0	"	"	"	"	"		
Bis(2-chloroethoxy)methane	"	ND	-----	3.80	"	"	"	"	"		
Bis(2-chloroethyl)ether	"	ND	-----	3.80	"	"	"	"	"		
Bis(2-chloroisopropyl)ether	"	ND	-----	3.80	"	"	"	"	"		
2-Chloronaphthalene	"	ND	-----	3.80	"	"	"	"	"		
2-Chlorophenol	"	ND	-----	3.80	"	"	"	"	"		
4-Chlorophenyl phenyl ether	"	ND	-----	3.80	"	"	"	"	"		
Chrysene	"	**4.70**	-----	3.80	"	"	"	"	"		**A-08**
Di-n-butyl phthalate	"	ND	-----	11.5	"	"	"	"	"		
Di-n-octyl phthalate	"	ND	-----	3.80	"	"	"	"	"		
Dibenzo (a,h) anthracene	"	ND	-----	3.80	"	"	"	"	"	**A-08**	
Dibenzofuran	"	**4.85**	-----	3.80	"	"	"	"	"		**A-08**
1,2-Dichlorobenzene	"	ND	-----	11.5	"	"	"	"	"		
1,3-Dichlorobenzene	"	ND	-----	11.5	"	"	"	"	"		
1,4-Dichlorobenzene	"	ND	-----	11.5	"	"	"	"	"		
3,3´-Dichlorobenzidine	"	ND	-----	11.5	"	"	"	"	"		
2,4-Dichlorophenol	"	ND	-----	3.80	"	"	"	"	"		
Diethyl phthalate	"	ND	-----	3.80	"	"	"	"	"		
2,4-Dimethylphenol	"	ND	-----	11.5	"	"	"	"	"	**A-08**	
Dimethyl phthalate	"	ND	-----	3.80	"	"	"	"	"		
4,6-Dinitro-2-methylphenol	"	ND	-----	11.5	"	"	"	"	"		
2,4-Dinitrophenol	"	ND	-----	23.0	"	"	"	"	"		
2,4-Dinitrotoluene	"	ND	-----	5.76	"	"	"	"	"		
2,6-Dinitrotoluene	"	ND	-----	5.76	"	"	"	"	"		

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-02 (GP1-10)		**Soil**			**Sampled: 05/04/06 08:30**					**R-05, X**
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	23.0	mg/kg dry	5x	6050711	05/15/06 20:00	05/24/06 06:19	
Fluoranthene	"	**18.9**	-----	3.80	"	"	"	"	"	**A-08**
Fluorene	"	**9.77**	-----	3.80	"	"	"	"	"	**A-08**
Hexachlorobenzene	"	ND	-----	3.80	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	11.5	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	11.5	"	"	"	"	"	
Hexachloroethane	"	ND	-----	11.5	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	3.80	"	"	"	"	"	**A-08**
Isophorone	"	ND	-----	3.80	"	"	"	"	"	**A-08**
2-Methylnaphthalene	"	ND	-----	3.80	"	"	"	"	"	**A-08**
2-Methylphenol	"	ND	-----	3.80	"	"	"	"	"	**A-08**
3-,4-Methylphenol	"	ND	-----	3.80	"	"	"	"	"	**A-08**
Naphthalene	"	ND	-----	3.80	"	"	"	"	"	**A-08**
2-Nitroaniline	"	ND	-----	3.80	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	11.5	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	3.80	"	"	"	"	"	
Nitrobenzene	"	ND	-----	3.80	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	3.80	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	11.5	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	3.80	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	3.80	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	11.5	"	"	"	"	"	**A-08**
Phenanthrene	"	**34.0**	-----	3.80	"	"	"	"	"	**A-08**
Phenol	"	ND	-----	3.80	"	"	"	"	"	**A-08**
Pyrene	"	**14.4**	-----	3.80	"	"	"	"	"	**A-08**
1,2,4-Trichlorobenzene	"	ND	-----	11.5	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	3.80	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	3.80	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*87.5%*	*44 - 146 %*	"	"
	2-Fluorophenol	*70.8%*	*42 - 126 %*	"	"
	Nitrobenzene-d5	*68.8%*	*42 - 126 %*	"	"
	Phenol-d6	*83.0%*	*42 - 131 %*	"	"
	p-Terphenyl-d14	*102%*	*49 - 150 %*	"	"
	2,4,6-Tribromophenol	*80.2%*	*48 - 119 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-02RE1 (GP1-10)		**Soil**			**Sampled: 05/04/06 08:30**					**O-07, X, R-05**
Carbazole	EPA 8270C	ND	-----	3.82	mg/kg dry	10x	6051172	05/24/06 15:30	05/25/06 22:48	**A-08**
Acenaphthene	"	**8.84**	-----	3.82	"	"	"	"	"	**A-08**
Acenaphthylene	"	ND	-----	3.82	"	"	"	"	"	**A-08**
Anthracene	"	**3.83**	-----	3.82	"	"	"	"	"	**A-08**
Benzo (a) anthracene	"	**4.98**	-----	3.82	"	"	"	"	"	**A-08**
Benzo (a) pyrene	"	ND	-----	3.82	"	"	"	"	"	**A-08**
Benzo (b) fluoranthene	"	ND	-----	3.82	"	"	"	"	"	**A-08**
Benzo (ghi) perylene	"	ND	-----	3.82	"	"	"	"	"	**A-08**
Benzo (k) fluoranthene	"	ND	-----	3.82	"	"	"	"	"	**A-08**
Benzoic Acid	"	ND	-----	11.6	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	11.6	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	3.82	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	3.82	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	3.82	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	23.2	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	3.82	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	3.82	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	3.82	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	3.82	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	3.82	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	3.82	"	"	"	"	"	
Chrysene	"	**5.18**	-----	3.82	"	"	"	"	"	**A-08**
Di-n-butyl phthalate	"	ND	-----	11.6	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	3.82	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	3.82	"	"	"	"	"	**A-08**
Dibenzofuran	"	**6.03**	-----	3.82	"	"	"	"	"	**A-08**
1,2-Dichlorobenzene	"	ND	-----	11.6	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	11.6	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	11.6	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	11.6	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	3.82	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	3.82	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	11.6	"	"	"	"	"	**A-08**
Dimethyl phthalate	"	ND	-----	3.82	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	11.6	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.2	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	5.79	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	5.79	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-02RE1 (GP1-10)		**Soil**			**Sampled: 05/04/06 08:30**					**O-07, X, R-05**
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	23.2	mg/kg dry	10x	6051172	05/24/06 15:30	05/25/06 22:48	
Fluoranthene	"	**21.8**	-----	3.82	"	"	"	"	"	**A-08**
Fluorene	"	**11.2**	-----	3.82	"	"	"	"	"	**A-08**
Hexachlorobenzene	"	ND	-----	3.82	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	11.6	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	11.6	"	"	"	"	"	
Hexachloroethane	"	ND	-----	11.6	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	3.82	"	"	"	"	"	**A-08**
Isophorone	"	ND	-----	3.82	"	"	"	"	"	**A-08**
2-Methylnaphthalene	"	ND	-----	3.82	"	"	"	"	"	**A-08**
2-Methylphenol	"	ND	-----	3.82	"	"	"	"	"	**A-08**
3-,4-Methylphenol	"	ND	-----	3.82	"	"	"	"	"	**A-08**
Naphthalene	"	ND	-----	3.82	"	"	"	"	"	**A-08**
2-Nitroaniline	"	ND	-----	3.82	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	11.6	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	3.82	"	"	"	"	"	
Nitrobenzene	"	ND	-----	3.82	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	3.82	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	11.6	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	3.82	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	3.82	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	11.6	"	"	"	"	"	**A-08**
Phenanthrene	"	**36.1**	-----	3.82	"	"	"	"	"	**A-08**
Phenol	"	ND	-----	3.82	"	"	"	"	"	**A-08**
Pyrene	"	**16.0**	-----	3.82	"	"	"	"	"	**A-08**
1,2,4-Trichlorobenzene	"	ND	-----	11.6	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	3.82	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	3.82	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*78.5%*	*44 - 146 %*	"	"	
	2-Fluorophenol	*78.2%*	*42 - 126 %*	"	"	
	Nitrobenzene-d5	*63.0%*	*42 - 126 %*	"	"	***J***
	Phenol-d6	*85.7%*	*42 - 131 %*	"	"	
	p-Terphenyl-d14	*103%*	*49 - 150 %*	"	"	
	2,4,6-Tribromophenol	*86.9%*	*48 - 119 %*	"	"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-10 (GP22-GW)		**Water**			**Sampled: 05/04/06 12:45**					
Carbazole	EPA 8270C	ND	-----	4.72	ug/l	1x	6050514	05/11/06 11:15	05/22/06 23:50	**A-08**
Acenaphthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Acenaphthylene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (a) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (a) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (b) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (ghi) perylene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (k) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzoic Acid	"	ND	-----	47.2	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.43	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	18.9	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.43	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.72	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.43	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.72	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Chrysene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Di-n-butyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Dibenzofuran	"	ND	-----	4.72	"	"	"	"	"	**A-08**
1,2-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-08**
Dimethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.43	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.6	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-10 (GP22-GW)		**Water**			**Sampled: 05/04/06 12:45**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.43	ug/l	1x	6050514	05/11/06 11:15	05/22/06 23:50	
Fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Fluorene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Hexachlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.43	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Isophorone	"	ND	-----	4.72	"	"	"	"	"	**A-08**
2-Methylnaphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
2-Methylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-08**
3-,4-Methylphenol	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Naphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
2-Nitroaniline	"	ND	-----	4.72	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.72	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.6	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.43	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.72	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.43	"	"	"	"	"	**A-08**
Phenanthrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Phenol	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
1,2,4-Trichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*91.5%*	*28 - 118 %*	"	"
	2-Fluorophenol	*91.5%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*86.4%*	*37 - 124 %*	"	"
	Phenol-d6	*85.2%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*103%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*102%*	*31 - 142 %*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-24 (GP29-GW)		**Water**			**Sampled: 05/04/06 15:45**					
Carbazole	EPA 8270C	ND	-----	4.72	ug/l	1x	6050514	05/11/06 11:15	05/24/06 02:39	**A-08**
Acenaphthene	"	**11.7**	-----	4.72	"	"	"	"	"	**A-08**
Acenaphthylene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (a) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (a) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (b) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (ghi) perylene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (k) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzoic Acid	"	ND	-----	47.2	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.43	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	18.9	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.43	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.72	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.43	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.72	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Chrysene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Di-n-butyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Dibenzofuran	"	ND	-----	4.72	"	"	"	"	"	**A-08**
1,2-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-08**
Dimethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.43	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.6	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-24 (GP29-GW)		**Water**			**Sampled: 05/04/06 15:45**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.43	ug/l	1x	6050514	05/11/06 11:15	05/24/06 02:39	
Fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Fluorene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Hexachlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.43	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Isophorone	"	ND	-----	4.72	"	"	"	"	"	**A-08**
2-Methylnaphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
2-Methylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-08**
3-,4-Methylphenol	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Naphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
2-Nitroaniline	"	ND	-----	4.72	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.72	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.6	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.43	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.72	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.43	"	"	"	"	"	**A-08**
Phenanthrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Phenol	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
1,2,4-Trichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*91.1%*			*28 - 118 %*	"			"	
2-Fluorophenol		*101%*			*12 - 100 %*	"			"	***A-05***
Nitrobenzene-d5		*96.2%*			*37 - 124 %*	"			"	
Phenol-d6		*95.1%*			*4 - 105 %*	"			"	
p-Terphenyl-d14		*98.3%*			*44 - 140 %*	"			"	
2,4,6-Tribromophenol		*96.5%*			*31 - 142 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-16 (GP35-GW)		**Water**			**Sampled: 05/04/06 14:30**					
Acenaphthene	EPA 8270m	ND	-----	0.0943	ug/l	1x	6050420	05/09/06 16:10	05/12/06 23:26	
Acenaphthylene	"	ND	-----	0.0943	"	"	"	"	"	
Anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Chrysene	"	ND	-----	0.0943	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.189	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Fluorene	"	ND	-----	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Naphthalene	"	**0.397**	-----	0.0943	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0943	"	"	"	"	"	
Pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*65.3%*			*25 - 125 %*	"			"	
Pyrene-d10		*66.9%*			*23 - 150 %*	"			"	
Benzo (a) pyrene-d12		*55.1%*			*10 - 125 %*	"			"	
PPE0352-22 (GP11-GW)		**Water**			**Sampled: 05/04/06 15:45**					
Acenaphthene	EPA 8270m	**289**	-----	4.76	ug/l	50x	6050420	05/09/06 16:10	05/12/06 23:56	
Acenaphthylene	"	ND	-----	7.14	"	"	"	"	"	**R-03**
Anthracene	"	**56.6**	-----	4.76	"	"	"	"	"	
Benzo (a) anthracene	"	**11.8**	-----	4.76	"	"	"	"	"	
Benzo (a) pyrene	"	**6.65**	-----	4.76	"	"	"	"	"	
Benzo (b) fluoranthene	"	**7.05**	-----	4.76	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	4.76	"	"	"	"	"	
Benzo (k) fluoranthene	"	**5.64**	-----	4.76	"	"	"	"	"	
Chrysene	"	**22.8**	-----	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	9.52	"	"	"	"	"	
Fluoranthene	"	**66.0**	-----	4.76	"	"	"	"	"	
Fluorene	"	**154**	-----	4.76	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.76	"	"	"	"	"	
Naphthalene	"	**7920**	-----	238	"	2500x	"	"	05/15/06 13:41	
Phenanthrene	"	**231**	-----	4.76	"	50x	"	"	05/12/06 23:56	
Pyrene	"	**48.9**	-----	4.76	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*NR*			*25 - 125 %*	"			"	***S-02***

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-22 (GP11-GW)		**Water**				**Sampled: 05/04/06 15:45**				
Pyrene-d10		*57.1%*			*23 - 150 %*	*50x*			*05/12/06 23:56*	***J***
Benzo (a) pyrene-d12		*44.1%*			*10 - 125 %*	*"*			*"*	***J***

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-03 (GP1-GW)		**Water**				**Sampled: 05/04/06 10:35**				
Pentachlorophenol	EPA 8270m	ND	-----	0.952	ug/l	1x	6050420	05/09/06 16:10	05/12/06 22:27	
Surrogate(s): 2,4,6-Tribromophenol		*95.8%*			*5 - 157 %*	"			"	
PPE0352-08 (GP3-GW)		**Water**				**Sampled: 05/04/06 15:20**				
Pentachlorophenol	EPA 8270m	ND	-----	0.943	ug/l	1x	6050420	05/09/06 16:10	05/15/06 14:13	
Surrogate(s): 2,4,6-Tribromophenol		*81.4%*			*5 - 157 %*	"			"	
PPE0352-09 (GP22-6.5)		**Soil**				**Sampled: 05/04/06 10:15**				
Acenaphthene	EPA 8270m	ND	-----	15.8	ug/kg dry	1x	6050660	05/15/06 08:39	05/23/06 22:54	
Acenaphthylene	"	**37.3**	-----	15.8	"	"	"	"	"	
Anthracene	"	**31.3**	-----	15.8	"	"	"	"	"	
Benzo (a) anthracene	"	**125**	-----	15.8	"	"	"	"	"	
Benzo (a) pyrene	"	**170**	-----	15.8	"	"	"	"	"	
Benzo (b) fluoranthene	"	**194**	-----	15.8	"	"	"	"	"	
Benzo (k) fluoranthene	"	**110**	-----	15.8	"	"	"	"	"	
Benzo (ghi) perylene	"	**111**	-----	15.8	"	"	"	"	"	
Chrysene	"	**140**	-----	15.8	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	**32.7**	-----	15.8	"	"	"	"	"	
Fluoranthene	"	**354**	-----	15.8	"	"	"	"	"	
Fluorene	"	**18.5**	-----	15.8	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**99.7**	-----	15.8	"	"	"	"	"	
Naphthalene	"	**18.5**	-----	15.8	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	79.1	"	"	"	"	"	
Phenanthrene	"	**120**	-----	15.8	"	"	"	"	"	
Pyrene	"	**227**	-----	15.8	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*87.6%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*120%*			*10 - 150 %*	"			"	
Pyrene-d10		*69.5%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*92.1%*			*36 - 145 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-17 (GP5-6.5)		**Soil**			**Sampled: 05/04/06 13:45**					**R-05**
Acenaphthene	EPA 8270m	**1920**	-----	154	ug/kg dry	10x	6050660	05/15/06 08:39	05/23/06 23:24	
Acenaphthylene	"	ND	-----	154	"	"	"	"	"	
Anthracene	"	**279**	-----	154	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	154	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	154	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	154	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	154	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	154	"	"	"	"	"	
Chrysene	"	ND	-----	154	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	154	"	"	"	"	"	
Fluoranthene	"	**873**	-----	154	"	"	"	"	"	
Fluorene	"	**1570**	-----	154	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	154	"	"	"	"	"	
Naphthalene	"	**221**	-----	154	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	769	"	"	"	"	"	
Phenanthrene	"	**4020**	-----	154	"	"	"	"	"	
Pyrene	"	**422**	-----	154	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*91.4%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*137%*			*10 - 150 %*	"			"	
Pyrene-d10		*79.6%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*103%*			*36 - 145 %*	"			"	
PPE0352-21 (GP11-12)		**Soil**			**Sampled: 05/04/06 14:30**					**R-05**
Acenaphthene	EPA 8270m	**113000**	-----	8360	ug/kg dry	400x	6050660	05/15/06 08:39	05/23/06 23:54	
Acenaphthylene	"	ND	-----	8360	"	"	"	"	"	
Anthracene	"	**28200**	-----	8360	"	"	"	"	"	
Benzo (a) anthracene	"	**33600**	-----	8360	"	"	"	"	"	
Benzo (a) pyrene	"	**20200**	-----	8360	"	"	"	"	"	
Benzo (b) fluoranthene	"	**20200**	-----	8360	"	"	"	"	"	
Benzo (k) fluoranthene	"	**17900**	-----	8360	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	8360	"	"	"	"	"	
Chrysene	"	**27000**	-----	8360	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	8360	"	"	"	"	"	
Fluoranthene	"	**159000**	-----	8360	"	"	"	"	"	
Fluorene	"	**91800**	-----	8360	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	8360	"	"	"	"	"	
Naphthalene	"	**292000**	-----	8360	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	41800	"	"	"	"	"	
Phenanthrene	"	**294000**	-----	8360	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-21 (GP11-12)		**Soil**			**Sampled: 05/04/06 14:30**					**R-05**
Pyrene	EPA 8270m	**97300**	-----	8360	ug/kg dry	400x	6050660	05/15/06 08:39	05/23/06 23:54	
Surrogate(s): Fluorene-d10			*NR*			*32 - 134 %*	"		"	***S-01***
2,4,6-Tribromophenol			*NR*			*10 - 150 %*	"		"	***S-01***
Pyrene-d10			*NR*			*41 - 152 %*	"		"	***S-01***
Benzo (a) pyrene-d12			*NR*			*36 - 145 %*	"		"	***S-01***
PPE0352-23 (GP29-8)		**Soil**			**Sampled: 05/04/06 14:55**					
Acenaphthene	EPA 8270m	**216**	-----	35.3	ug/kg dry	2x	6050660	05/15/06 08:39	05/24/06 00:24	
Acenaphthylene	"	**58.9**	-----	35.3	"	"	"	"	"	
Anthracene	"	**520**	-----	35.3	"	"	"	"	"	
Benzo (a) anthracene	"	**459**	-----	35.3	"	"	"	"	"	
Benzo (a) pyrene	"	**534**	-----	35.3	"	"	"	"	"	
Benzo (b) fluoranthene	"	**681**	-----	35.3	"	"	"	"	"	
Benzo (k) fluoranthene	"	**323**	-----	35.3	"	"	"	"	"	
Benzo (ghi) perylene	"	**406**	-----	35.3	"	"	"	"	"	
Chrysene	"	**626**	-----	35.3	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	**120**	-----	35.3	"	"	"	"	"	
Fluoranthene	"	**1300**	-----	35.3	"	"	"	"	"	
Fluorene	"	**253**	-----	35.3	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**347**	-----	35.3	"	"	"	"	"	
Naphthalene	"	**360**	-----	35.3	"	"	"	"	"	
Pentachlorophenol	"	**7400**	-----	3530	"	40x	"	"	05/24/06 13:26	
Phenanthrene	"	**1270**	-----	35.3	"	2x	"	"	05/24/06 00:24	
Pyrene	"	**856**	-----	35.3	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*94.5%*			*32 - 134 %*	"		"	
2,4,6-Tribromophenol			*130%*			*10 - 150 %*	"		"	
Pyrene-d10			*76.7%*			*41 - 152 %*	"		"	
Benzo (a) pyrene-d12			*90.5%*			*36 - 145 %*	"		"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-01 (GP1-6)		**Soil**				**Sampled: 05/04/06 08:20**				
% Solids	NCA SOP	**45.6**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-02 (GP1-10)		**Soil**				**Sampled: 05/04/06 08:30**				
% Solids	NCA SOP	**86.3**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-04 (GP2-5)		**Soil**				**Sampled: 05/04/06 08:55**				
% Solids	NCA SOP	**89.8**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-07 (GP3-9)		**Soil**				**Sampled: 05/04/06 09:50**				
% Solids	NCA SOP	**78.4**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-09 (GP22-6.5)		**Soil**				**Sampled: 05/04/06 10:15**				
% Solids	NCA SOP	**83.4**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-13 (GP21-5)		**Soil**				**Sampled: 05/04/06 12:25**				
% Solids	NCA SOP	**91.9**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-15 (GP35-7)		**Soil**				**Sampled: 05/04/06 13:15**				
% Solids	NCA SOP	**89.6**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-17 (GP5-6.5)		**Soil**				**Sampled: 05/04/06 13:45**				
% Solids	NCA SOP	**86.0**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-18 (GP5-12)		**Soil**				**Sampled: 05/04/06 14:00**				
% Solids	NCA SOP	**85.5**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-20 (GP11-6)		**Soil**				**Sampled: 05/04/06 14:20**				
% Solids	NCA SOP	**52.2**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-21 (GP11-12)		**Soil**				**Sampled: 05/04/06 14:30**				

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0352-21 (GP11-12)		**Soil**				**Sampled: 05/04/06 14:30**				
% Solids	NCA SOP	**63.4**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	
PPE0352-23 (GP29-8)		**Soil**				**Sampled: 05/04/06 14:55**				
% Solids	NCA SOP	**75.6**	-----	1.00	% by Weight	1x	6050579	05/12/06 08:48	05/12/06 14:38	

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1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

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QC Batch: 6050431 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050431-BLK1)									**Extracted: 05/09/06 21:40**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	05/10/06 17:03	
Diesel Range Hydrocarbons	"	ND	---	0.630	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	0.630	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 93.5%*			*Limits: 50-150%*	"							*05/10/06 17:03*	

QC Batch: 6050449 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050449-BLK1)									**Extracted: 05/10/06 12:00**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	20.0	mg/kg wet	1x	--	--	--	--	--	--	05/11/06 00:22	
Diesel Range Hydrocarbons	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 103%*			*Limits: 50-150%*	"							*05/11/06 00:22*	
Duplicate (6050449-DUP1)						**QC Source: PPE0352-01**			**Extracted: 05/10/06 12:00**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	41.9	mg/kg dry	1x	ND	--	--	--	NR	(50)	05/11/06 00:53	
Diesel Range Hydrocarbons	"	ND	---	105	"	"	ND	--	--	--	25.5%	"	"	
Heavy Oil Range Hydrocarbons	"	DET	---	209	"	"	237	--	--	--	0.840%	"	"	A-01
Surrogate(s): 1-Chlorooctadecane		*Recovery: 101%*			*Limits: 50-150%*	"							*05/11/06 00:53*	
Duplicate (6050449-DUP2)						**QC Source: PPE0352-02**			**Extracted: 05/10/06 12:00**					
Gasoline Range Hydrocarbons	NWTPH HCID	DET	---	15.9	mg/kg dry	1x	16.7	--	--	--	23.7%	(50)	05/11/06 09:53	A-01
Diesel Range Hydrocarbons	"	DET	---	39.9	"	"	288	--	--	--	40.5%	"	"	A-01
Heavy Oil Range Hydrocarbons	"	DET	---	79.7	"	"	1280	--	--	--	30.8%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 84.5%*			*Limits: 50-150%*	"							*05/11/06 09:53*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

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QC Batch: 6050875 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050875-BLK1)								**Extracted: 05/18/06 17:30**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	0.125	mg/l	1x	--	--	--	--	--	--	05/19/06 03:49	
Diesel Range Hydrocarbons	"	ND	---	0.315	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	0.315	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 69.9%*			*Limits: 50-150%*	"							*05/19/06 03:49*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050603 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050603-BLK1)								**Extracted: 05/12/06 13:22**						
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	3.87	mg/kg wet	1x	--	--	--	--	--	--	05/12/06 14:13	
Surrogate(s): a,a,a-TFT		*Recovery: 74.0%*			*Limits: 50-150%*	"							*05/12/06 14:13*	
LCS (6050603-BS1)								**Extracted: 05/12/06 13:22**						
Gasoline Range Hydrocarbons	NW TPH-Gx	39.8	---	3.70	mg/kg wet	1x	--	46.2	86.1%	(70-130)	--	--	05/12/06 14:41	
Surrogate(s): a,a,a-TFT		*Recovery: 81.4%*			*Limits: 50-150%*	"							*05/12/06 14:41*	
Duplicate (6050603-DUP1)							**QC Source: PPE0356-06**							
								Extracted: 05/12/06 13:22						
Gasoline Range Hydrocarbons	NW TPH-Gx	1010	---	56.1	mg/kg dry	10x	1010	--	--	--	0.00%	(40)	05/12/06 19:17	
Surrogate(s): a,a,a-TFT		*Recovery: 167%*			*Limits: 50-150%*	"							*05/12/06 19:17*	*S-02*
Duplicate (6050603-DUP2)							**QC Source: PPE0255-17**							
								Extracted: 05/12/06 13:22						
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	4.35	mg/kg dry	1x	ND	--	--	--	8.41%	(40)	05/12/06 22:29	
Surrogate(s): a,a,a-TFT		*Recovery: 68.8%*			*Limits: 50-150%*	"							*05/12/06 22:29*	
Matrix Spike (6050603-MS1)							**QC Source: PPE0356-09**							
								Extracted: 05/12/06 13:22						
Gasoline Range Hydrocarbons	NW TPH-Gx	262	---	4.81	mg/kg dry	1x	222	60.1	66.6%	(65-130)	--	--	05/12/06 17:00	Q-01
Surrogate(s): a,a,a-TFT		*Recovery: 74.3%*			*Limits: 50-150%*	"							*05/12/06 17:00*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050785 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050785-BLK1)									**Extracted: 05/17/06 14:30**					
Diesel Range Organics	NWTPH-Dx	ND	---	12.5	mg/kg wet	1x	--	--	--	--	--	--	05/18/06 15:08	
Heavy Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 85.6%*			*Limits: 50-150%*	"							*05/18/06 15:08*	
LCS (6050785-BS1)									**Extracted: 05/17/06 14:30**					
Diesel Range Organics	NWTPH-Dx	125	---	12.5	mg/kg wet	1x	--	126	99.2%	(50-150)	--	--	05/18/06 15:41	
Heavy Oil Range Hydrocarbons	"	78.2	---	25.0	"	"	--	76.5	102%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 108%*			*Limits: 50-150%*	"							*05/18/06 15:41*	
Duplicate (6050785-DUP1)					**QC Source: PPE0352-09**				**Extracted: 05/17/06 14:30**					
Diesel Range Organics	NWTPH-Dx	ND	---	15.3	mg/kg dry	1x	ND	--	--	--	NR	(50)	05/18/06 16:14	
Heavy Oil Range Hydrocarbons	"	ND	---	30.6	"	"	37.5	--	--	--		"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 114%*			*Limits: 50-150%*	"							*05/18/06 16:14*	
Duplicate (6050785-DUP2)					**QC Source: PPE0700-01**				**Extracted: 05/17/06 14:30**					
Diesel Range Organics	NWTPH-Dx	33.9	---	16.7	mg/kg dry	1x	23.8	--	--	--	35.0%	(50)	05/18/06 16:47	
Heavy Oil Range Hydrocarbons	"	ND	---	33.4	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 113%*			*Limits: 50-150%*	"							*05/18/06 16:47*	
Matrix Spike (6050785-MS1)					**QC Source: PPE0700-04**				**Extracted: 05/17/06 14:30**					
Diesel Range Organics	NWTPH-Dx	172	---	15.4	mg/kg dry	1x	ND	154	112%	(50-150)	--	--	05/18/06 17:21	
Heavy Oil Range Hydrocarbons	"	126	---	30.7	"	"	ND	94.0	134%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 118%*			*Limits: 50-150%*	"							*05/18/06 17:21*	
Matrix Spike Dup (6050785-MSD1)					**QC Source: PPE0700-04**				**Extracted: 05/17/06 14:30**					
Diesel Range Organics	NWTPH-Dx	169	---	15.5	mg/kg dry	1x	ND	156	108%	(50-150)	1.76%	(50)	05/18/06 17:54	
Heavy Oil Range Hydrocarbons	"	132	---	31.0	"	"	ND	94.8	139%	"	4.65%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 113%*			*Limits: 50-150%*	"							*05/18/06 17:54*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050441 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050441-BLK1)								**Extracted: 05/10/06 13:37**						
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	05/10/06 17:00	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050441 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050441-BLK1)								**Extracted: 05/10/06 13:37**						
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	05/10/06 17:00	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery:*	*85.0%*	*Limits:*	*80-120%*	*" 05/10/06 17:00*
	1,2-DCA-d4		*104%*		*80-120%*	*" "*
	Dibromofluoromethane		*97.5%*		*80-120%*	*" "*
	Toluene-d8		*96.0%*		*80-120%*	*" "*

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050441 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050441-BS1)								**Extracted: 05/10/06 13:37**						
Benzene	EPA 8260B	21.4	---	1.00	ug/l	1x	--	20.0	107%	(80-120)	--	--	05/10/06 15:14	
Chlorobenzene	"	19.8	---	1.00	"	"	--	"	99.0%	(80-124)	--	--	"	
1,1-Dichloroethene	"	20.6	---	1.00	"	"	--	"	103%	(78-120)	--	--	"	
Toluene	"	20.9	---	1.00	"	"	--	"	104%	(80-124)	--	--	"	
Trichloroethene	"	20.9	---	1.00	"	"	--	"	104%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 102%*			*Limits: 80-120%*	"							*05/10/06 15:14*	
1,2-DCA-d4		*98.5%*			*80-120%*	"							"	
Dibromofluoromethane		*96.5%*			*80-120%*	"							"	
Toluene-d8		*102%*			*80-120%*	"							"	
Matrix Spike (6050441-MS1)					**QC Source: PPE0401-01**			**Extracted: 05/10/06 13:37**						
Benzene	EPA 8260B	21.4	---	1.00	ug/l	1x	ND	20.0	107%	(80-124)	--	--	05/10/06 15:41	
Chlorobenzene	"	19.6	---	1.00	"	"	ND	"	98.0%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	21.1	---	1.00	"	"	ND	"	106%	(79.3-127)	--	--	"	
Toluene	"	20.0	---	1.00	"	"	ND	"	100%	(79.7-131)	--	--	"	
Trichloroethene	"	20.0	---	1.00	"	"	ND	"	100%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 99.0%*			*Limits: 80-120%*	"							*05/10/06 15:41*	
1,2-DCA-d4		*99.0%*			*80-120%*	"							"	
Dibromofluoromethane		*97.0%*			*80-120%*	"							"	
Toluene-d8		*98.0%*			*80-120%*	"							"	
Matrix Spike Dup (6050441-MSD1)					**QC Source: PPE0401-01**			**Extracted: 05/10/06 13:37**						
Benzene	EPA 8260B	21.6	---	1.00	ug/l	1x	ND	20.0	108%	(80-124)	0.930%	(25)	05/10/06 16:07	
Chlorobenzene	"	20.0	---	1.00	"	"	ND	"	100%	(72.9-134)	2.02%	"	"	
1,1-Dichloroethene	"	20.9	---	1.00	"	"	ND	"	104%	(79.3-127)	0.952%	"	"	
Toluene	"	20.1	---	1.00	"	"	ND	"	100%	(79.7-131)	0.499%	"	"	
Trichloroethene	"	20.2	---	1.00	"	"	ND	"	101%	(68.4-130)	0.995%	"	"	
Surrogate(s): 4-BFB		*Recovery: 98.5%*			*Limits: 80-120%*	"							*05/10/06 16:07*	
1,2-DCA-d4		*98.5%*			*80-120%*	"							"	
Dibromofluoromethane		*96.5%*			*80-120%*	"							"	
Toluene-d8		*97.5%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050568 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050568-BLK1)									Extracted: 05/12/06 07:43					
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	05/12/06 10:31	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050568 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050568-BLK1)									**Extracted: 05/12/06 07:43**					
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	05/12/06 10:31	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 90.0%*			*Limits: 80-120%*	"							*05/12/06 10:31*	
1,2-DCA-d4		*100%*			*80-120%*	"							"	
Dibromofluoromethane		*98.0%*			*80-120%*	"							"	
Toluene-d8		*97.0%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050568 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050568-BS1)								**Extracted: 05/12/06 07:43**						
Benzene	EPA 8260B	21.1	---	1.00	ug/l	1x	--	20.0	106%	(80-120)	--	--	05/12/06 08:44	
Chlorobenzene	"	20.6	---	1.00	"	"	--	"	103%	(80-124)	--	--	"	
1,1-Dichloroethene	"	21.0	---	1.00	"	"	--	"	105%	(78-120)	--	--	"	
Toluene	"	21.3	---	1.00	"	"	--	"	106%	(80-124)	--	--	"	
Trichloroethene	"	20.3	---	1.00	"	"	--	"	102%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 109%*			*Limits: 80-120%*	"							*05/12/06 08:44*	
1,2-DCA-d4		*96.0%*			*80-120%*	"							"	
Dibromofluoromethane		*97.5%*			*80-120%*	"							"	
Toluene-d8		*101%*			*80-120%*	"							"	
Matrix Spike (6050568-MS1)							**QC Source: PPE0416-01**		**Extracted: 05/12/06 07:43**					
Benzene	EPA 8260B	21.2	---	1.00	ug/l	1x	0.620	20.0	103%	(80-124)	--	--	05/12/06 09:11	
Chlorobenzene	"	19.8	---	1.00	"	"	ND	"	99.0%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	19.7	---	1.00	"	"	ND	"	98.5%	(79.3-127)	--	--	"	
Toluene	"	18.6	---	1.00	"	"	ND	"	93.0%	(79.7-131)	--	--	"	
Trichloroethene	"	19.8	---	1.00	"	"	ND	"	99.0%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 80-120%*	"							*05/12/06 09:11*	
1,2-DCA-d4		*96.0%*			*80-120%*	"							"	
Dibromofluoromethane		*98.0%*			*80-120%*	"							"	
Toluene-d8		*96.5%*			*80-120%*	"							"	
Matrix Spike Dup (6050568-MSD1)							**QC Source: PPE0416-01**		**Extracted: 05/12/06 07:43**					
Benzene	EPA 8260B	21.9	---	1.00	ug/l	1x	0.620	20.0	106%	(80-124)	3.25%	(25)	05/12/06 09:37	
Chlorobenzene	"	20.7	---	1.00	"	"	ND	"	104%	(72.9-134)	4.44%	"	"	
1,1-Dichloroethene	"	20.7	---	1.00	"	"	ND	"	104%	(79.3-127)	4.95%	"	"	
Toluene	"	19.7	---	1.00	"	"	ND	"	98.5%	(79.7-131)	5.74%	"	"	
Trichloroethene	"	20.3	---	1.00	"	"	ND	"	102%	(68.4-130)	2.49%	"	"	
Surrogate(s): 4-BFB		*Recovery: 103%*			*Limits: 80-120%*	"							*05/12/06 09:37*	
1,2-DCA-d4		*95.0%*			*80-120%*	"							"	
Dibromofluoromethane		*97.0%*			*80-120%*	"							"	
Toluene-d8		*97.5%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050659 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050659-BLK1)									**Extracted: 05/15/06 09:15**					
Acetone	EPA 8260B	ND	---	2500	ug/kg wet	1x	--	--	--	--	--	--	05/16/06 19:43	
Benzene	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	998	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	499	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	998	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050659 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050659-BLK1)								**Extracted: 05/15/06 09:15**						
Hexachlorobutadiene	EPA 8260B	ND	---	399	ug/kg wet	1x	--	--	--	--	--	--	05/16/06 19:43	
2-Hexanone	"	ND	---	998	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	200	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery: 108%*	*Limits: 75-125%*	*0.01x*	*05/16/06 19:43*
	1,2-DCA-d4	*96.5%*	*75-125%*	*"*	*"*
	Dibromofluoromethane	*98.5%*	*75-125%*	*"*	*"*
	Toluene-d8	*102%*	*75-125%*	*"*	*"*

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050659 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050659-BS1)													**Extracted: 05/15/06 09:15**	
Benzene	EPA 8260B	2080	---	19.9	ug/kg wet	1x	--	1990	105%	(81.9-125)	--	--	05/16/06 16:03	
Chlorobenzene	"	2030	---	99.4	"	"	--	"	102%	(79.2-125)	--	--	"	
1,1-Dichloroethene	"	2090	---	99.4	"	"	--	"	105%	(66.1-125)	--	--	"	
Toluene	"	2120	---	99.4	"	"	--	"	107%	(80-125)	--	--	"	
Trichloroethene	"	2030	---	99.4	"	"	--	"	102%	(76-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 110%*			*Limits: 75-125%*	*0.01x*							*05/16/06 16:03*	
1,2-DCA-d4		*112%*			*75-125%*	"							"	
Dibromofluoromethane		*111%*			*75-125%*	"							"	
Toluene-d8		*109%*			*75-125%*	"							"	
Matrix Spike (6050659-MS1)							**QC Source: PPE0248-01**						**Extracted: 05/15/06 09:15**	
Benzene	EPA 8260B	2340	---	23.0	ug/kg dry	1x	ND	2300	102%	(68.5-125)	--	--	05/16/06 16:31	
Chlorobenzene	"	2240	---	115	"	"	ND	"	97.4%	(65.9-125)	--	--	"	
1,1-Dichloroethene	"	2330	---	115	"	"	ND	"	101%	(55.8-125)	--	--	"	
Toluene	"	2350	---	115	"	"	10.4	"	102%	(70.3-125)	--	--	"	
Trichloroethene	"	2280	---	115	"	"	ND	"	99.1%	(65.5-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 105%*			*Limits: 75-125%*	*0.01x*							*05/16/06 16:31*	
1,2-DCA-d4		*101%*			*75-125%*	"							"	
Dibromofluoromethane		*99.6%*			*75-125%*	"							"	
Toluene-d8		*102%*			*75-125%*	"							"	
Matrix Spike Dup (6050659-MSD1)							**QC Source: PPE0248-01**						**Extracted: 05/15/06 09:15**	
Benzene	EPA 8260B	2250	---	23.0	ug/kg dry	1x	ND	2300	97.8%	(68.5-125)	3.92%	(25)	05/16/06 16:59	
Chlorobenzene	"	2200	---	115	"	"	ND	"	95.7%	(65.9-125)	1.80%	"	"	
1,1-Dichloroethene	"	2310	---	115	"	"	ND	"	100%	(55.8-125)	0.862%	"	"	
Toluene	"	2310	---	115	"	"	10.4	"	100%	(70.3-125)	1.72%	"	"	
Trichloroethene	"	2270	---	115	"	"	ND	"	98.7%	(65.5-125)	0.440%	"	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 75-125%*	*0.01x*							*05/16/06 16:59*	
1,2-DCA-d4		*96.5%*			*75-125%*	"							"	
Dibromofluoromethane		*99.1%*			*75-125%*	"							"	
Toluene-d8		*101%*			*75-125%*	"							"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050514 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050514-BLK1)									Extracted: 05/11/06 11:15					
Carbazole	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	05/24/06 00:27	
Acenaphthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050514 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050514-BLK1)							**Extracted: 05/11/06 11:15**							
Fluoranthene	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	05/24/06 00:27	
Fluorene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*2-Fluorobiphenyl*	*Recovery:*	*77.9%*		*Limits:*	*28-118%*	*"*						*05/24/06 00:27*	
	2-Fluorophenol		*87.3%*			*12-100%*	*"*						*"*	
	Nitrobenzene-d5		*92.4%*			*37-124%*	*"*						*"*	
	Phenol-d6		*82.0%*			*4-105%*	*"*						*"*	
	p-Terphenyl-d14		*92.3%*			*44-140%*	*"*						*"*	
	2,4,6-Tribromophenol		*79.3%*			*31-142%*	*"*						*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050514 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050514-BS1)								**Extracted: 05/11/06 11:15**						
Acenaphthene	EPA 8270C	44.8	---	5.00	ug/l	1x	--	50.0	89.6%	(47-145)	--	--	05/24/06 01:11	
4-Chloro-3-methylphenol	"	45.7	---	5.00	"	"	--	"	91.4%	(22-147)	--	--	"	
2-Chlorophenol	"	42.0	---	5.00	"	"	--	"	84.0%	(23-134)	--	--	"	
1,4-Dichlorobenzene	"	27.3	---	5.00	"	"	--	"	54.6%	(8-124)	--	--	"	
2,4-Dinitrotoluene	"	48.7	---	5.00	"	"	--	"	97.4%	(39-139)	--	--	"	
4-Nitrophenol	"	40.6	---	25.0	"	"	--	"	81.2%	(1-132)	--	--	"	
N-Nitrosodi-n-propylamine	"	50.1	---	10.0	"	"	--	"	100%	(1-230)	--	--	"	
Pentachlorophenol	"	35.2	---	10.0	"	"	--	"	70.4%	(14-176)	--	--	"	
Phenol	"	43.3	---	5.00	"	"	--	"	86.6%	(5-112)	--	--	"	
Pyrene	"	45.9	---	5.00	"	"	--	"	91.8%	(52-122)	--	--	"	
1,2,4-Trichlorobenzene	"	35.0	---	5.00	"	"	--	"	70.0%	(11-142)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 89.9%*			*Limits: 28-118%*	"							*05/24/06 01:11*	
2-Fluorophenol		*96.7%*			*12-100%*	"							"	
Nitrobenzene-d5		*93.9%*			*37-124%*	"							"	
Phenol-d6		*94.7%*			*4-105%*	"							"	
p-Terphenyl-d14		*94.5%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*86.7%*			*31-142%*	"							"	
LCS Dup (6050514-BSD1)								**Extracted: 05/11/06 11:15**						
Acenaphthene	EPA 8270C	44.6	---	5.00	ug/l	1x	--	50.0	89.2%	(47-145)	0.447%	(50)	05/24/06 01:55	
4-Chloro-3-methylphenol	"	46.3	---	5.00	"	"	--	"	92.6%	(22-147)	1.30%	"	"	
2-Chlorophenol	"	42.4	---	5.00	"	"	--	"	84.8%	(23-134)	0.948%	"	"	
1,4-Dichlorobenzene	"	27.8	---	5.00	"	"	--	"	55.6%	(8-124)	1.81%	"	"	
2,4-Dinitrotoluene	"	48.2	---	5.00	"	"	--	"	96.4%	(39-139)	1.03%	"	"	
4-Nitrophenol	"	41.4	---	25.0	"	"	--	"	82.8%	(1-132)	1.95%	"	"	
N-Nitrosodi-n-propylamine	"	51.0	---	10.0	"	"	--	"	102%	(1-230)	1.78%	"	"	
Pentachlorophenol	"	35.1	---	10.0	"	"	--	"	70.2%	(14-176)	0.285%	"	"	
Phenol	"	44.4	---	5.00	"	"	--	"	88.8%	(5-112)	2.51%	"	"	
Pyrene	"	47.1	---	5.00	"	"	--	"	94.2%	(52-122)	2.58%	"	"	
1,2,4-Trichlorobenzene	"	35.6	---	5.00	"	"	--	"	71.2%	(11-142)	1.70%	"	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 90.4%*			*Limits: 28-118%*	"							*05/24/06 01:55*	
2-Fluorophenol		*95.3%*			*12-100%*	"							"	
Nitrobenzene-d5		*95.3%*			*37-124%*	"							"	
Phenol-d6		*93.3%*			*4-105%*	"							"	
p-Terphenyl-d14		*94.7%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*86.7%*			*31-142%*	"							"	

Sarah Rockwell

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050711 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050711-BLK1)								**Extracted: 05/15/06 20:00**						X
Carbazole	EPA 8270C	ND	---	0.329	mg/kg wet	1x	--	--	--	--	--	--	05/23/06 01:17	
Acenaphthene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	1.99	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	1.99	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	0.499	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	0.499	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	1.99	"	"	--	--	--	--	--	--	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050711 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050711-BLK1)							**Extracted: 05/15/06 20:00**							X
Fluoranthene	EPA 8270C	ND	---	0.329	mg/kg wet	1x	--	--	--	--	--	--	05/23/06 01:17	
Fluorene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	0.997	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	0.329	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 53.8%*			*Limits: 44-146%*	"							*05/23/06 01:17*	
2-Fluorophenol		*2.53%*			*42-126%*	"							"	*S-10, J*
Nitrobenzene-d5		*12.6%*			*42-126%*	"							"	*S-10*
Phenol-d6		*16.2%*			*42-131%*	"							"	*S-10*
p-Terphenyl-d14		*106%*			*49-150%*	"							"	
2,4,6-Tribromophenol		*79.0%*			*48-119%*	"							"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050711 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050711-BS1)							**Extracted: 05/15/06 20:00**							X
Acenaphthene	EPA 8270C	2.09	---	0.329	mg/kg wet	1x	--	2.50	83.6%	(30-115)	--	--	05/23/06 02:01	
4-Chloro-3-methylphenol	"	4.09	---	0.329	"	"	--	4.99	82.0%	(40-110)	--	--	"	
2-Chlorophenol	"	3.98	---	0.329	"	"	--	"	79.8%	(40-100)	--	--	"	
1,4-Dichlorobenzene	"	1.90	---	0.998	"	"	--	2.50	76.0%	(10-100)	--	--	"	
2,4-Dinitrotoluene	"	2.27	---	0.499	"	"	--	"	90.8%	(30-110)	--	--	"	
4-Nitrophenol	"	4.32	---	0.998	"	"	--	4.99	86.6%	(30-130)	--	--	"	
N-Nitrosodi-n-propylamine	"	1.81	---	0.329	"	"	--	2.50	72.4%	(30-110)	--	--	"	
Pentachlorophenol	"	3.47	---	0.998	"	"	--	4.99	69.5%	(14-120)	--	--	"	
Phenol	"	3.23	---	0.329	"	"	--	"	64.7%	(35-100)	--	--	"	
Pyrene	"	2.49	---	0.329	"	"	--	2.50	99.6%	(30-115)	--	--	"	
1,2,4-Trichlorobenzene	"	2.07	---	0.998	"	"	--	"	82.8%	(18-100)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 95.6%*			*Limits: 44-146%*	"							*05/23/06 02:01*	
2-Fluorophenol		*87.8%*			*42-126%*	"							"	
Nitrobenzene-d5		*83.6%*			*42-126%*	"							"	
Phenol-d6		*82.0%*			*42-131%*	"							"	
p-Terphenyl-d14		*107%*			*49-150%*	"							"	
2,4,6-Tribromophenol		*94.4%*			*48-119%*	"							"	
Matrix Spike (6050711-MS1)					**QC Source: PPE0352-02**		**Extracted: 05/15/06 20:00**							R-05, X
Acenaphthene	EPA 8270C	10.7	---	3.82	mg/kg dry	5x	6.96	2.90	129%	(40-110)	--	--	05/24/06 07:03	MS-4
4-Chloro-3-methylphenol	"	4.99	---	3.82	"	"	ND	5.79	86.2%	"	--	--	"	
2-Chlorophenol	"	3.79	---	3.82	"	"	ND	"	65.5%	(40-100)	--	--	"	
1,4-Dichlorobenzene	"	1.49	---	11.6	"	"	ND	2.90	51.4%	(10-100)	--	--	"	
2,4-Dinitrotoluene	"	2.32	---	5.79	"	"	ND	"	80.0%	(40-110)	--	--	"	
4-Nitrophenol	"	4.14	---	11.6	"	"	ND	5.79	71.5%	(40-125)	--	--	"	
N-Nitrosodi-n-propylamine	"	2.25	---	3.82	"	"	ND	2.90	77.6%	(30-110)	--	--	"	
Pentachlorophenol	"	3.96	---	11.6	"	"	ND	5.79	68.4%	(25-110)	--	--	"	
Phenol	"	5.10	---	3.82	"	"	ND	"	88.1%	(35-100)	--	--	"	
Pyrene	"	20.0	---	3.82	"	"	14.4	2.90	193%	(40-110)	--	--	"	MS-4
1,2,4-Trichlorobenzene	"	1.71	---	11.6	"	"	ND	"	59.0%	(30-101)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 78.3%*			*Limits: 44-146%*	"							*05/24/06 07:03*	
2-Fluorophenol		*72.4%*			*42-126%*	"							"	
Nitrobenzene-d5		*68.6%*			*42-126%*	"							"	
Phenol-d6		*81.0%*			*42-131%*	"							"	
p-Terphenyl-d14		*91.7%*			*49-150%*	"							"	
2,4,6-Tribromophenol		*72.5%*			*48-119%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050711 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6050711-MSD1)				**QC Source: PPE0352-02**				**Extracted: 05/15/06 20:00**						R-05, X
Acenaphthene	EPA 8270C	14.4	---	3.78	mg/kg dry	5x	6.96	2.87	259%	(40-110)	29.5%	(40)	05/24/06 07:46	MS-4
4-Chloro-3-methylphenol	"	5.71	---	3.78	"	"	ND	5.73	99.7%	"	13.5%	"	"	
2-Chlorophenol	"	4.36	---	3.78	"	"	ND	"	76.1%	(40-100)	14.0%	"	"	
1,4-Dichlorobenzene	"	1.66	---	11.5	"	"	ND	2.87	57.8%	(10-100)	10.8%	(60)	"	
2,4-Dinitrotoluene	"	2.79	---	5.73	"	"	ND	"	97.2%	(40-110)	18.4%	(40)	"	
4-Nitrophenol	"	4.73	---	11.5	"	"	ND	5.73	82.5%	(40-125)	13.3%	"	"	
N-Nitrosodi-n-propylamine	"	2.59	---	3.78	"	"	ND	2.87	90.2%	(30-110)	14.0%	"	"	
Pentachlorophenol	"	4.72	---	11.5	"	"	ND	5.73	82.4%	(25-110)	17.5%	(60)	"	
Phenol	"	5.77	---	3.78	"	"	ND	"	101%	(35-100)	12.3%	(40)	"	Q-01
Pyrene	"	28.6	---	3.78	"	"	14.4	2.87	495%	(40-110)	35.4%	"	"	MS-4
1,2,4-Trichlorobenzene	"	2.02	---	11.5	"	"	ND	"	70.4%	(30-101)	16.6%	(60)	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery:*	*93.0%*	*Limits: 44-146%*	"	*05/24/06 07:46*
	2-Fluorophenol		*87.8%*	*42-126%*	"	"
	Nitrobenzene-d5		*80.8%*	*42-126%*	"	"
	Phenol-d6		*93.5%*	*42-131%*	"	"
	p-Terphenyl-d14		*103%*	*49-150%*	"	"
	2,4,6-Tribromophenol		*83.4%*	*48-119%*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6051172 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6051172-BLK1)									Extracted: 05/24/06 15:30					
Carbazole	EPA 8270C	ND	---	0.327	mg/kg wet	1x	--	--	--	--	--	--	05/25/06 20:39	
Acenaphthene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	1.98	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	1.98	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	0.496	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	0.496	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	1.98	"	"	--	--	--	--	--	--	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6051172 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6051172-BLK1)							**Extracted: 05/24/06 15:30**							
Fluoranthene	EPA 8270C	ND	---	0.327	mg/kg wet	1x	--	--	--	--	--	--	05/25/06 20:39	
Fluorene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	0.992	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	0.327	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 72.6%*	*Limits: 44-146%*	"	*05/25/06 20:39*
	2-Fluorophenol	*82.7%*	*42-126%*	"	"
	Nitrobenzene-d5	*52.4%*	*42-126%*	"	"
	Phenol-d6	*82.9%*	*42-131%*	"	"
	p-Terphenyl-d14	*98.4%*	*49-150%*	"	"
	2,4,6-Tribromophenol	*84.5%*	*48-119%*	"	"

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6051172 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6051172-BS1)							**Extracted: 05/24/06 15:30**							Q-32
Acenaphthene	EPA 8270C	2.12	---	0.326	mg/kg wet	1x	--	2.47	85.8%	(30-115)	--	--	05/25/06 21:22	
4-Chloro-3-methylphenol	"	4.59	---	0.326	"	"	--	4.93	93.1%	(40-110)	--	--	"	
2-Chlorophenol	"	3.82	---	0.326	"	"	--	"	77.5%	(40-100)	--	--	"	
1,4-Dichlorobenzene	"	1.85	---	0.987	"	"	--	2.47	74.9%	(10-100)	--	--	"	
2,4-Dinitrotoluene	"	2.60	---	0.493	"	"	--	"	105%	(30-110)	--	--	"	
4-Nitrophenol	"	5.02	---	0.987	"	"	--	4.93	102%	(30-130)	--	--	"	
N-Nitrosodi-n-propylamine	"	2.34	---	0.326	"	"	--	2.47	94.7%	(30-110)	--	--	"	
Pentachlorophenol	"	3.63	---	0.987	"	"	--	4.93	73.6%	(14-120)	--	--	"	
Phenol	"	3.30	---	0.326	"	"	--	"	66.9%	(35-100)	--	--	"	
Pyrene	"	2.27	---	0.326	"	"	--	2.47	91.9%	(30-115)	--	--	"	
1,2,4-Trichlorobenzene	"	2.05	---	0.987	"	"	--	"	83.0%	(18-100)	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 88.7%*	*Limits: 44-146%*	*"*		*05/25/06 21:22*
	2-Fluorophenol	*89.7%*	*42-126%*	*"*		*"*
	Nitrobenzene-d5	*93.9%*	*42-126%*	*"*		*"*
	Phenol-d6	*84.6%*	*42-131%*	*"*		*"*
	p-Terphenyl-d14	*99.2%*	*49-150%*	*"*		*"*
	2,4,6-Tribromophenol	*94.5%*	*48-119%*	*"*		*"*

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050420 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050420-BLK1)							**Extracted: 05/09/06 16:10**							
Acenaphthene	EPA 8270m	ND	---	0.100	ug/l	1x	--	--	--	--	--	--	05/11/06 16:50	
Acenaphthylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 75.2%*			*Limits: 25-125%*	"							*05/11/06 16:50*	
Pyrene-d10		*74.0%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*81.2%*			*10-125%*	"							"	
LCS (6050420-BS1)							**Extracted: 05/09/06 16:10**							
Acenaphthene	EPA 8270m	1.94	---	0.100	ug/l	1x	--	2.50	77.6%	(26-135)	--	--	05/11/06 17:20	
Benzo (a) pyrene	"	2.26	---	0.100	"	"	--	"	90.4%	(38-137)	--	--	"	
Pyrene	"	2.06	---	0.100	"	"	--	"	82.4%	(33-133)	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 72.4%*			*Limits: 25-125%*	"							*05/11/06 17:20*	
Pyrene-d10		*72.8%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*80.0%*			*10-125%*	"							"	
LCS Dup (6050420-BSD1)							**Extracted: 05/09/06 16:10**							
Acenaphthene	EPA 8270m	2.10	---	0.100	ug/l	1x	--	2.50	84.0%	(26-135)	7.92%	(60)	05/11/06 17:50	
Benzo (a) pyrene	"	2.48	---	0.100	"	"	--	"	99.2%	(38-137)	9.28%	"	"	
Pyrene	"	2.25	---	0.100	"	"	--	"	90.0%	(33-133)	8.82%	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 79.6%*			*Limits: 25-125%*	"							*05/11/06 17:50*	
Pyrene-d10		*78.0%*			*23-150%*	"							"	
Benzo (a) pyrene-d12		*86.8%*			*10-125%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050420 **Water Preparation Method: EPA 3520/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050420-BLK1)							**Extracted: 05/09/06 16:10**							
Pentachlorophenol	EPA 8270m	ND	---	1.00	ug/l	1x	--	--	--	--	--	--	05/11/06 16:50	
Surrogate(s): 2,4,6-Tribromophenol		*Recovery: 71.2%*			*Limits: 5-157%*	"							*05/11/06 16:50*	
LCS (6050420-BS1)							**Extracted: 05/09/06 16:10**							
Pentachlorophenol	EPA 8270m	2.75	---	1.00	ug/l	1x	--	5.00	55.0%	(24-147)	--	--	05/11/06 17:20	
Surrogate(s): 2,4,6-Tribromophenol		*Recovery: 83.6%*			*Limits: 5-157%*	"							*05/11/06 17:20*	
LCS Dup (6050420-BSD1)							**Extracted: 05/09/06 16:10**							
Pentachlorophenol	EPA 8270m	2.93	---	1.00	ug/l	1x	--	5.00	58.6%	(24-147)	6.34%	(50)	05/11/06 17:50	
Surrogate(s): 2,4,6-Tribromophenol		*Recovery: 94.0%*			*Limits: 5-157%*	"							*05/11/06 17:50*	

QC Batch: 6050660 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050660-BLK1)							**Extracted: 05/15/06 08:39**							
Acenaphthene	EPA 8270m	ND	---	13.3	ug/kg wet	1x	--	--	--	--	--	--	05/19/06 15:52	
Acenaphthylene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	66.7	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 76.8%*			*Limits: 32-134%*	"							*05/19/06 15:52*	
2,4,6-Tribromophenol		*69.7%*			*10-150%*	"							"	
Pyrene-d10		*84.2%*			*41-152%*	"							"	
Benzo (a) pyrene-d12		*97.7%*			*36-145%*	"							"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050660 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050660-BS1)								**Extracted: 05/15/06 08:39**						
Acenaphthene	EPA 8270m	124	---	13.2	ug/kg wet	1x	--	165	75.2%	(33-139)	--	--	05/18/06 19:36	
Benzo (a) pyrene	"	165	---	13.2	"	"	--	"	100%	(45-149)	--	--	"	
Pentachlorophenol	"	192	---	66.2	"	"	--	329	58.4%	(14-176)	--	--	"	
Pyrene	"	134	---	13.2	"	"	--	165	81.2%	(39-138)	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 78.7%*			*Limits: 32-134%*	"							*05/18/06 19:36*	
2,4,6-Tribromophenol		*90.2%*			*10-150%*	"							"	
Pyrene-d10		*77.9%*			*41-152%*	"							"	
Benzo (a) pyrene-d12		*92.8%*			*36-145%*	"							"	
Matrix Spike (6050660-MS1)						**QC Source: PPE0193-11**		**Extracted: 05/15/06 08:39**						
Acenaphthene	EPA 8270m	170	---	65.4	ug/kg dry	4x	ND	203	83.7%	(33-139)	--	--	05/18/06 23:13	
Benzo (a) pyrene	"	208	---	65.4	"	"	9.12	"	98.0%	(45-149)	--	--	"	
Pentachlorophenol	"	258	---	327	"	"	ND	407	63.4%	(14-176)	--	--	"	
Pyrene	"	351	---	65.4	"	"	72.1	203	137%	(39-138)	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 85.1%*			*Limits: 32-134%*	"							*05/18/06 23:13*	
2,4,6-Tribromophenol		*96.1%*			*10-150%*	"							"	
Pyrene-d10		*81.2%*			*41-152%*	"							"	
Benzo (a) pyrene-d12		*95.6%*			*36-145%*	"							"	
Matrix Spike Dup (6050660-MSD1)						**QC Source: PPE0193-11**		**Extracted: 05/15/06 08:39**						
Acenaphthene	EPA 8270m	166	---	65.4	ug/kg dry	4x	ND	203	81.8%	(33-139)	2.38%	(50)	05/18/06 23:44	
Benzo (a) pyrene	"	221	---	65.4	"	"	9.12	"	104%	(45-149)	6.06%	"	"	
Pentachlorophenol	"	239	---	327	"	"	ND	407	58.7%	(14-176)	7.65%	(60)	"	
Pyrene	"	343	---	65.4	"	"	72.1	203	133%	(39-138)	2.31%	(50)	"	
Surrogate(s): Fluorene-d10		*Recovery: 85.9%*			*Limits: 32-134%*	"							*05/18/06 23:44*	
2,4,6-Tribromophenol		*98.0%*			*10-150%*	"							"	
Pyrene-d10		*85.0%*			*41-152%*	"							"	
Benzo (a) pyrene-d12		*96.9%*			*36-145%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Percent Dry Weight (Solids) per Standard Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050579 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (6050579-DUP1)					**QC Source: PPE0352-04**				**Extracted: 05/12/06 08:48**					
% Solids	NCA SOP	89.8	---	1.00	% by Weight	1x	89.8	--	--	--	0.00%	(20)	05/12/06 14:38	
Duplicate (6050579-DUP2)					**QC Source: PPE0352-23**				**Extracted: 05/12/06 08:48**					
% Solids	NCA SOP	68.3	---	1.00	% by Weight	1x	75.6	--	--	--	10.1%	(20)	05/12/06 14:38	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	05/31/06 17:47

Notes and Definitions

Report Specific Notes:

A-01	-	Detected hydrocarbons have distinct peaks that have elution patterns similar to that of PAH's, as well as other extraneous peaks that may be due to biogenic interference.
A-01a	-	Detected hydrocarbons have distinct peaks that have elution patterns similar to that of PAH's.
A-05	-	Surrogate recovery is above control limits. Since no acid analytes were detected in the sample, the quality of the data has not been affected.
A-08	-	This compound is present in creosote.
D-19	-	Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
J	-	Estimated value.
MS-4	-	Due to high levels of analyte in the sample, the Matrix Spike/Matrix Spike Duplicate calculation does not provide useful spike recovery information. See Laboratory Control Sample.
O-07	-	This sample was extracted outside the EPA recommended holding time.
Q-01	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch.
Q-32	-	No results were reported for the MS and or MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
R-03	-	The reporting limit for this analyte was raised due to matrix interference.
R-05	-	Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
S-01	-	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-02	-	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present.
S-09	-	Surrogate recovery is outside control limits due to matrix interference.
S-10	-	The recovery for this parameter is outside acceptance limits. See case narrative.
X	-	See case narrative.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

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MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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June 05, 2006

R. Scott Miller
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 05/12/06 09:15. The following list is a summary of the Work Orders contained in this report, generated on 06/05/06 15:50.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPE0586	Jeld Wen- Nord Door	008-0228.00013

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP4-4.5	PPE0586-01	Soil	05/11/06 11:50	05/12/06 09:15
GP4-GW	PPE0586-02	Water	05/11/06 14:30	05/12/06 09:15

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0586-01 (GP4-4.5)		**Soil**				**Sampled: 05/11/06 11:50**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	27.2	mg/kg dry	1x	6050765	05/16/06 18:00	05/17/06 01:49	
Diesel Range Hydrocarbons	"	ND	-----	67.9	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	136	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*109%*			*50 - 150 %*	"			"	
PPE0586-02 (GP4-GW)		**Water**				**Sampled: 05/11/06 14:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.238	mg/l	1x	6050725	05/16/06 14:20	05/17/06 16:18	**A-01**
Diesel Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**A-01**
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*77.0%*			*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Gasoline Hydrocarbons per NW TPH-Gx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0586-01 (GP4-4.5)		**Soil**				**Sampled: 05/11/06 11:50**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**47.0**	-----	6.32	mg/kg dry	1x	6050959	05/18/06 14:38	05/23/06 05:43	
Surrogate(s): a,a,a-TFT		*82.0%*			*50 - 150 %*	"			"	
PPE0586-02RE1 (GP4-GW)		**Water**				**Sampled: 05/11/06 14:30**				
Gasoline Range Hydrocarbons	NW TPH-Gx	**372**	-----	80.0	ug/l	1x	6051048	05/22/06 14:04	05/22/06 15:18	
Surrogate(s): 4-BFB		*244%*			*50 - 150 %*	"			"	***S-02***

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0586-02 (GP4-GW)		**Water**					**Sampled: 05/11/06 14:30**			
Diesel Range Organics	NWTPH-Dx	ND	-----	0.238	mg/l	1x	6050922	05/19/06 14:00	05/19/06 18:44	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.476	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*61.7%*			*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0586-02 (GP4-GW)		**Water**			**Sampled: 05/11/06 14:30**					
Carbazole	EPA 8270C	ND	-----	4.72	ug/l	1x	6050900	05/18/06 21:00	05/23/06 07:07	**A-08**
Acenaphthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Acenaphthylene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (a) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (a) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (b) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (ghi) perylene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzo (k) fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Benzoic Acid	"	ND	-----	47.2	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.43	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	18.9	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.43	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.72	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.43	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.72	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.72	"	"	"	"	"	
Chrysene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Di-n-butyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Dibenzofuran	"	ND	-----	4.72	"	"	"	"	"	**A-08**
1,2-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-08**
Dimethyl phthalate	"	ND	-----	4.72	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.43	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.6	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.72	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0586-02 (GP4-GW)		**Water**			**Sampled: 05/11/06 14:30**					
Bis(2-ethylhexyl)phthalate	EPA 8270C	ND	-----	9.43	ug/l	1x	6050900	05/18/06 21:00	05/23/06 07:07	
Fluoranthene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Fluorene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Hexachlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	9.43	"	"	"	"	"	
Hexachloroethane	"	ND	-----	9.43	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Isophorone	"	ND	-----	4.72	"	"	"	"	"	**A-08**
2-Methylnaphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
2-Methylphenol	"	ND	-----	9.43	"	"	"	"	"	**A-08**
3-,4-Methylphenol	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Naphthalene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
2-Nitroaniline	"	ND	-----	4.72	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.43	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.72	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.72	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.6	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.43	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.72	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.43	"	"	"	"	"	**A-08**
Phenanthrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Phenol	"	ND	-----	4.72	"	"	"	"	"	**A-08**
Pyrene	"	ND	-----	4.72	"	"	"	"	"	**A-08**
1,2,4-Trichlorobenzene	"	ND	-----	4.72	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.72	"	"	"	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*95.6%*	*28 - 118 %*	"	"
	2-Fluorophenol	*50.3%*	*12 - 100 %*	"	"
	Nitrobenzene-d5	*85.9%*	*37 - 124 %*	"	"
	Phenol-d6	*27.4%*	*4 - 105 %*	"	"
	p-Terphenyl-d14	*110%*	*44 - 140 %*	"	"
	2,4,6-Tribromophenol	*104%*	*31 - 142 %*	"	"

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0586-01 (GP4-4.5)		**Soil**			**Sampled: 05/11/06 11:50**					
Acenaphthene	EPA 8270m	**38.9**	-----	21.4	ug/kg dry	1x	6051271	05/25/06 21:00	06/01/06 11:55	
Acenaphthylene	"	ND	-----	21.4	"	"	"	"	"	
Anthracene	"	ND	-----	21.4	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	21.4	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	21.4	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	21.4	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	21.4	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	21.4	"	"	"	"	"	
Chrysene	"	ND	-----	21.4	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	21.4	"	"	"	"	"	
Fluoranthene	"	ND	-----	21.4	"	"	"	"	"	
Fluorene	"	ND	-----	21.4	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	21.4	"	"	"	"	"	
Naphthalene	"	ND	-----	21.4	"	"	"	"	"	
Pentachlorophenol	"	**156**	-----	107	"	"	"	"	"	
Phenanthrene	"	ND	-----	21.4	"	"	"	"	"	
Pyrene	"	ND	-----	21.4	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*		*91.0%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*92.5%*			*10 - 150 %*	"			"	
Pyrene-d10		*98.5%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*82.7%*			*36 - 145 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPE0586-01 (GP4-4.5)		**Soil**				**Sampled: 05/11/06 11:50**				
% Solids	NCA SOP	**62.0**	-----	1.00	% by Weight	1x	6050791	05/17/06 08:48	05/18/06 09:28	

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1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050725 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050725-BLK1)									**Extracted: 05/16/06 14:20**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	0.125	mg/l	1x	--	--	--	--	--	--	05/17/06 15:43	
Diesel Range Hydrocarbons	"	ND	---	0.315	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	0.315	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 65.6%*			*Limits: 50-150%*	"							*05/17/06 15:43*	

QC Batch: 6050765 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050765-BLK1)									**Extracted: 05/16/06 18:00**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	20.0	mg/kg wet	1x	--	--	--	--	--	--	05/17/06 00:44	
Diesel Range Hydrocarbons	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 108%*			*Limits: 50-150%*	"							*05/17/06 00:44*	
Duplicate (6050765-DUP1)							**QC Source: PPE0586-01**		**Extracted: 05/16/06 18:00**					
Gasoline Range Hydrocarbons	NWTPH HCID	DET	---	31.3	mg/kg dry	1x	37.0	--	--	--	82.8%	(50)	05/17/06 01:17	Q-14
Diesel Range Hydrocarbons	"	ND	---	78.4	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	---	157	"	"	ND	--	--	--	42.3%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 109%*			*Limits: 50-150%*	"							*05/17/06 01:17*	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050935 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050935-BLK1)								**Extracted: 05/19/06 11:04**						A-02
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	80.0	ug/l	1x	--	--	--	--	--	--	05/19/06 12:48	
Surrogate(s): 4-BFB		*Recovery: 75.4%*			*Limits: 50-150%*	"							*05/19/06 12:48*	
LCS (6050935-BS1)								**Extracted: 05/19/06 11:04**						A-02
Gasoline Range Hydrocarbons	NW TPH-Gx	415	---	80.0	ug/l	1x	--	500	83.0%	(70-130)	--	--	05/19/06 12:18	
Surrogate(s): 4-BFB		*Recovery: 88.8%*			*Limits: 50-150%*	"							*05/19/06 12:18*	
Duplicate (6050935-DUP1)					**QC Source: PPE0691-04RE1**			**Extracted: 05/19/06 11:04**						
Gasoline Range Hydrocarbons	NW TPH-Gx	1170	---	80.0	ug/l	1x	1210	--	--	--	3.36%	(40)	05/19/06 14:41	
Surrogate(s): 4-BFB		*Recovery: 99.4%*			*Limits: 50-150%*	"							*05/19/06 14:41*	
Duplicate (6050935-DUP2)					**QC Source: PPE0875-01**			**Extracted: 05/19/06 11:04**						
Gasoline Range Hydrocarbons	NW TPH-Gx	1990	---	80.0	ug/l	1x	2000	--	--	--	0.501%	(40)	05/19/06 15:46	
Surrogate(s): 4-BFB		*Recovery: 97.8%*			*Limits: 50-150%*	"							*05/19/06 15:46*	

QC Batch: 6050959 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050959-BLK1)								**Extracted: 05/19/06 15:14**						
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	3.70	mg/kg wet	1x	--	--	--	--	--	--	05/23/06 00:43	
Surrogate(s): a,a,a-TFT		*Recovery: 102%*			*Limits: 50-150%*	"							*05/23/06 00:43*	
LCS (6050959-BS1)								**Extracted: 05/19/06 15:14**						
Gasoline Range Hydrocarbons	NW TPH-Gx	36.1	---	3.73	mg/kg wet	1x	--	46.6	77.5%	(70-130)	--	--	05/23/06 10:54	
Surrogate(s): a,a,a-TFT		*Recovery: 100%*			*Limits: 50-150%*	"							*05/23/06 10:54*	
Duplicate (6050959-DUP1)					**QC Source: PPE0586-01**			**Extracted: 05/19/06 15:14**						
Gasoline Range Hydrocarbons	NW TPH-Gx	48.4	---	6.32	mg/kg dry	1x	47.0	--	--	--	2.94%	(40)	05/23/06 06:12	
Surrogate(s): a,a,a-TFT		*Recovery: 78.7%*			*Limits: 50-150%*	"							*05/23/06 06:12*	
Matrix Spike (6050959-MS1)					**QC Source: PPE0784-01**			**Extracted: 05/19/06 15:14**						
Gasoline Range Hydrocarbons	NW TPH-Gx	42.5	---	5.30	mg/kg dry	1x	2.43	66.2	60.5%	(65-130)	--	--	05/23/06 02:14	Q-01
Surrogate(s): a,a,a-TFT		*Recovery: 84.3%*			*Limits: 50-150%*	"							*05/23/06 02:14*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6051048 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6051048-BLK1)								**Extracted: 05/22/06 11:13**						
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	80.0	ug/l	1x	--	--	--	--	--	--	05/22/06 14:22	
Surrogate(s): 4-BFB		*Recovery: 84.0%*			*Limits: 50-150%*	"							*05/22/06 14:22*	
LCS (6051048-BS1)								**Extracted: 05/22/06 11:13**						
Gasoline Range Hydrocarbons	NW TPH-Gx	481	---	80.0	ug/l	1x	--	500	96.2%	(70-130)	--	--	05/22/06 12:37	
Surrogate(s): 4-BFB		*Recovery: 89.4%*			*Limits: 50-150%*	"							*05/22/06 12:37*	
LCS Dup (6051048-BSD1)								**Extracted: 05/22/06 11:13**						
Gasoline Range Hydrocarbons	NW TPH-Gx	455	---	80.0	ug/l	1x	--	500	91.0%	(70-130)	5.56%	(40)	05/22/06 13:07	
Surrogate(s): 4-BFB		*Recovery: 94.6%*			*Limits: 50-150%*	"							*05/22/06 13:07*	
Duplicate (6051048-DUP1)					**QC Source: PPE0586-02RE1**			**Extracted: 05/22/06 11:13**						
Gasoline Range Hydrocarbons	NW TPH-Gx	289	---	80.0	ug/l	1x	372	--	--	--	25.1%	(40)	05/22/06 15:49	
Surrogate(s): 4-BFB		*Recovery: 208%*			*Limits: 50-150%*	"							*05/22/06 15:49*	*S-02*
Matrix Spike (6051048-MS1)					**QC Source: PPE0864-04RE1**			**Extracted: 05/22/06 11:13**						
Gasoline Range Hydrocarbons	NW TPH-Gx	32600	---	4000	ug/l	50x	17000	25000	62.4%	(70-130)	--	--	05/22/06 21:11	Q-01
Surrogate(s): 4-BFB		*Recovery: 87.2%*			*Limits: 50-150%*	*1x*							*05/22/06 21:11*	
Matrix Spike Dup (6051048-MSD1)					**QC Source: PPE0864-04RE1**			**Extracted: 05/22/06 11:13**						
Gasoline Range Hydrocarbons	NW TPH-Gx	30900	---	4000	ug/l	50x	17000	25000	55.6%	(70-130)	5.35%	(30)	05/22/06 21:42	Q-01
Surrogate(s): 4-BFB		*Recovery: 86.4%*			*Limits: 50-150%*	*1x*							*05/22/06 21:42*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050922 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050922-BLK1)								**Extracted: 05/19/06 14:00**						
Diesel Range Organics	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	05/19/06 17:05	
Heavy Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 79.4%*			*Limits: 50-150%*	"							*05/19/06 17:05*	
LCS (6050922-BS1)								**Extracted: 05/19/06 14:00**						
Diesel Range Organics	NWTPH-Dx	2.32	---	0.250	mg/l	1x	--	2.51	92.4%	(50-150)	--	--	05/19/06 17:36	
Heavy Oil Range Hydrocarbons	"	1.55	---	0.500	"	"	--	1.53	101%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 76.6%*			*Limits: 50-150%*	"							*05/19/06 17:36*	
LCS Dup (6050922-BSD1)								**Extracted: 05/19/06 14:00**						
Diesel Range Organics	NWTPH-Dx	2.43	---	0.250	mg/l	1x	--	2.51	96.8%	(50-150)	4.63%	(50)	05/19/06 18:10	
Heavy Oil Range Hydrocarbons	"	1.61	---	0.500	"	"	--	1.53	105%	"	3.80%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 74.3%*			*Limits: 50-150%*	"							*05/19/06 18:10*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050900 **Water Preparation Method: EPA 3510/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050900-BLK1)								**Extracted: 05/18/06 21:00**						
Carbazole	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	05/22/06 23:06	
Acenaphthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050900 **Water Preparation Method: EPA 3510/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6050900-BLK1)							**Extracted: 05/18/06 21:00**							
Fluoranthene	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	05/22/06 23:06	
Fluorene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 82.9%*			*Limits: 28-118%*	"							*05/22/06 23:06*	
2-Fluorophenol		*53.1%*			*12-100%*	"							"	
Nitrobenzene-d5		*80.0%*			*37-124%*	"							"	
Phenol-d6		*29.4%*			*4-105%*	"							"	
p-Terphenyl-d14		*107%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*94.0%*			*31-142%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050900 **Water Preparation Method: EPA 3510/600 Series**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6050900-BS1)							**Extracted: 05/18/06 21:00**							
Acenaphthene	EPA 8270C	64.9	---	5.00	ug/l	1x	--	75.0	86.5%	(47-145)	--	--	05/22/06 20:53	
4-Chloro-3-methylphenol	"	123	---	5.00	"	"	--	150	82.0%	(22-147)	--	--	"	
2-Chlorophenol	"	124	---	5.00	"	"	--	"	82.7%	(23-134)	--	--	"	
1,4-Dichlorobenzene	"	48.5	---	5.00	"	"	--	75.0	64.7%	(8-124)	--	--	"	
2,4-Dinitrotoluene	"	70.0	---	5.00	"	"	--	"	93.3%	(39-139)	--	--	"	
4-Nitrophenol	"	47.3	---	25.0	"	"	--	150	31.5%	(1-132)	--	--	"	
N-Nitrosodi-n-propylamine	"	54.8	---	10.0	"	"	--	75.0	73.1%	(1-230)	--	--	"	
Pentachlorophenol	"	110	---	10.0	"	"	--	150	73.3%	(14-176)	--	--	"	
Phenol	"	42.5	---	5.00	"	"	--	"	28.3%	(5-112)	--	--	"	
Pyrene	"	72.1	---	5.00	"	"	--	75.0	96.1%	(52-122)	--	--	"	
1,2,4-Trichlorobenzene	"	54.9	---	5.00	"	"	--	"	73.2%	(11-142)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 84.0%*			*Limits: 28-118%*	"							*05/22/06 20:53*	
2-Fluorophenol		*54.8%*			*12-100%*	"							"	
Nitrobenzene-d5		*80.9%*			*37-124%*	"							"	
Phenol-d6		*30.7%*			*4-105%*	"							"	
p-Terphenyl-d14		*99.5%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*93.3%*			*31-142%*	"							"	
LCS Dup (6050900-BSD1)							**Extracted: 05/18/06 21:00**							
Acenaphthene	EPA 8270C	64.4	---	5.00	ug/l	1x	--	75.0	85.9%	(47-145)	0.773%	(50)	05/22/06 21:37	
4-Chloro-3-methylphenol	"	123	---	5.00	"	"	--	150	82.0%	(22-147)	0.00%	"	"	
2-Chlorophenol	"	121	---	5.00	"	"	--	"	80.7%	(23-134)	2.45%	"	"	
1,4-Dichlorobenzene	"	47.9	---	5.00	"	"	--	75.0	63.9%	(8-124)	1.24%	"	"	
2,4-Dinitrotoluene	"	67.3	---	5.00	"	"	--	"	89.7%	(39-139)	3.93%	"	"	
4-Nitrophenol	"	47.4	---	25.0	"	"	--	150	31.6%	(1-132)	0.211%	"	"	
N-Nitrosodi-n-propylamine	"	55.8	---	10.0	"	"	--	75.0	74.4%	(1-230)	1.81%	"	"	
Pentachlorophenol	"	111	---	10.0	"	"	--	150	74.0%	(14-176)	0.905%	"	"	
Phenol	"	42.1	---	5.00	"	"	--	"	28.1%	(5-112)	0.946%	"	"	
Pyrene	"	74.0	---	5.00	"	"	--	75.0	98.7%	(52-122)	2.60%	"	"	
1,2,4-Trichlorobenzene	"	53.2	---	5.00	"	"	--	"	70.9%	(11-142)	3.15%	"	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 82.4%*			*Limits: 28-118%*	"							*05/22/06 21:37*	
2-Fluorophenol		*53.7%*			*12-100%*	"							"	
Nitrobenzene-d5		*80.4%*			*37-124%*	"							"	
Phenol-d6		*30.6%*			*4-105%*	"							"	
p-Terphenyl-d14		*102%*			*44-140%*	"							"	
2,4,6-Tribromophenol		*93.3%*			*31-142%*	"							"	

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ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6051271 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6051271-BLK1)							**Extracted: 05/25/06 21:00**							
Acenaphthene	EPA 8270m	ND	---	13.4	ug/kg wet	1x	--	--	--	--	--	--	05/31/06 12:37	
Acenaphthylene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	66.8	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery: 87.4%*			*Limits: 32-134%*	"							*05/31/06 12:37*	
	2,4,6-Tribromophenol		*80.3%*		*10-150%*	"							"	
	Pyrene-d10		*105%*		*41-152%*	"							"	
	Benzo (a) pyrene-d12		*103%*		*36-145%*	"							"	
LCS (6051271-BS1)							**Extracted: 05/25/06 21:00**							
Acenaphthene	EPA 8270m	152	---	13.3	ug/kg wet	1x	--	165	92.1%	(33-139)	--	--	05/31/06 13:38	
Benzo (a) pyrene	"	171	---	13.3	"	"	--	"	104%	(45-149)	--	--	"	
Pentachlorophenol	"	218	---	66.3	"	"	--	330	66.1%	(14-176)	--	--	"	
Pyrene	"	164	---	13.3	"	"	--	165	99.4%	(39-138)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery: 94.5%*			*Limits: 32-134%*	"							*05/31/06 13:38*	
	2,4,6-Tribromophenol		*101%*		*10-150%*	"							"	
	Pyrene-d10		*102%*		*41-152%*	"							"	
	Benzo (a) pyrene-d12		*107%*		*36-145%*	"							"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6051271 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6051271-MS1)					**QC Source: PPE0586-01**				**Extracted: 05/25/06 21:00**					
Acenaphthene	EPA 8270m	257	---	43.1	ug/kg dry	2x	38.9	268	81.4%	(33-139)	--	--	06/02/06 19:14	
Benzo (a) pyrene	"	212	---	43.1	"	"	ND	"	79.1%	(45-149)	--	--	"	
Pentachlorophenol	"	594	---	216	"	"	156	536	81.7%	(14-176)	--	--	"	
Pyrene	"	271	---	43.1	"	"	ND	268	101%	(39-138)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*94.8%*	*Limits:*	*32-134%*	"							*06/02/06 19:14*	
	2,4,6-Tribromophenol		*109%*		*10-150%*	"							"	
	Pyrene-d10		*104%*		*41-152%*	"							"	
	Benzo (a) pyrene-d12		*85.8%*		*36-145%*	"							"	
Matrix Spike Dup (6051271-MSD1)					**QC Source: PPE0586-01**				**Extracted: 05/25/06 21:00**					
Acenaphthene	EPA 8270m	254	---	43.2	ug/kg dry	2x	38.9	269	80.0%	(33-139)	1.17%	(50)	06/02/06 19:44	
Benzo (a) pyrene	"	217	---	43.2	"	"	ND	"	80.7%	(45-149)	2.33%	"	"	
Pentachlorophenol	"	497	---	216	"	"	156	537	63.5%	(14-176)	17.8%	(60)	"	
Pyrene	"	255	---	43.2	"	"	ND	269	94.8%	(39-138)	6.08%	(50)	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*92.5%*	*Limits:*	*32-134%*	"							*06/02/06 19:44*	
	2,4,6-Tribromophenol		*112%*		*10-150%*	"							"	
	Pyrene-d10		*101%*		*41-152%*	"							"	
	Benzo (a) pyrene-d12		*88.1%*		*36-145%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Percent Dry Weight (Solids) per Standard Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6050791 **Other dry Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (6050791-DUP1)				**QC Source: PPE0584-45**				**Extracted: 05/17/06 08:48**						
% Solids	NCA SOP	75.5	---	1.00	% by Weight	1x	77.7	--	--	--	2.87%	(20)	05/18/06 09:28	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008-0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	06/05/06 15:50

Notes and Definitions

Report Specific Notes:

A-01	-	The detected hydrocarbons appear to be due to a mixture of heavy gas and light diesel components, as well as biogenic interference.
A-02	-	The MS/MSD was not bracketed by passing CCVs. These samples are being reported without MS/MSD QC data.
A-08	-	This compound is present in creosote.
Q-01	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch.
Q-14	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of control limits due to a non-homogeneous sample matrix.
S-02	-	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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October 06, 2006

R. Scott Miller
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 09/14/06 10:20. The following list is a summary of the Work Orders contained in this report, generated on 10/06/06 17:09.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPI0521	Jeld Wen- Nord Door	008.0228.00018

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP201-4.5	PPI0521-01	Soil	09/11/06 11:45	09/14/06 10:20
GP202-7.5	PPI0521-02	Soil	09/11/06 12:55	09/14/06 10:20
GP203-5.5	PPI0521-03	Soil	09/11/06 13:25	09/14/06 10:20
GP204-7.5	PPI0521-04	Soil	09/11/06 14:45	09/14/06 10:20
GP205-3	PPI0521-05	Soil	09/12/06 11:45	09/14/06 10:20
GP206-4.5	PPI0521-06	Soil	09/12/06 13:20	09/14/06 10:20
GP206-8.5	PPI0521-07	Soil	09/12/06 13:30	09/14/06 10:20
GP207-3	PPI0521-08	Soil	09/12/06 14:00	09/14/06 10:20
GP207-9	PPI0521-09	Soil	09/12/06 14:15	09/14/06 10:20
GP209-3	PPI0521-10	Soil	09/12/06 16:40	09/14/06 10:20
GP210-4	PPI0521-11	Soil	09/12/06 17:00	09/14/06 10:20
GP211-3.5	PPI0521-12	Soil	09/11/06 15:55	09/14/06 10:20
GP212-3.5	PPI0521-13	Soil	09/11/06 16:50	09/14/06 10:20
GP213-3	PPI0521-14	Soil	09/12/06 09:20	09/14/06 10:20
GP214-6	PPI0521-16	Soil	09/12/06 10:20	09/14/06 10:20
GP215-4.5	PPI0521-17	Soil	09/11/06 10:45	09/14/06 10:20

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-01 (GP201-4.5)		**Soil**				**Sampled: 09/11/06 11:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	22.4	mg/kg dry	1x	6090686	09/18/06 14:00	09/18/06 19:57	
Diesel Range Hydrocarbons	"	ND	-----	55.9	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	112	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*100%*		*50 - 150 %*	"			"	
PPI0521-10 (GP209-3)		**Soil**				**Sampled: 09/12/06 16:40**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.4	mg/kg dry	1x	6090686	09/18/06 14:00	09/18/06 20:28	
Diesel Range Hydrocarbons	"	ND	-----	43.5	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	87.1	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*98.8%*		*50 - 150 %*	"			"	
PPI0521-11 (GP210-4)		**Soil**				**Sampled: 09/12/06 17:00**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.4	mg/kg dry	1x	6090686	09/18/06 14:00	09/18/06 20:59	
Diesel Range Hydrocarbons	"	ND	-----	43.6	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	87.2	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*105%*		*50 - 150 %*	"			"	
PPI0521-12 (GP211-3.5)		**Soil**				**Sampled: 09/11/06 15:55**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	19.4	mg/kg dry	1x	6090686	09/18/06 14:00	09/19/06 01:00	
Diesel Range Hydrocarbons	"	ND	-----	48.6	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	97.1	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*101%*		*50 - 150 %*	"			"	
PPI0521-13 (GP212-3.5)		**Soil**				**Sampled: 09/11/06 16:50**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	19.4	mg/kg dry	1x	6090686	09/18/06 14:00	09/18/06 22:55	
Diesel Range Hydrocarbons	"	ND	-----	48.5	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	97.0	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*96.7%*		*50 - 150 %*	"			"	
PPI0521-14 (GP213-3)		**Soil**				**Sampled: 09/12/06 09:20**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	20.0	mg/kg dry	1x	6090686	09/18/06 14:00	09/18/06 23:57	**D-19**
Diesel Range Hydrocarbons	"	**DET**	-----	50.0	"	"	"	"	"	**D-19**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	100	"	"	"	"	"	**D-19**
Surrogate(s): 1-Chlorooctadecane			*72.1%*		*50 - 150 %*	"			"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-17 (GP215-4.5)		**Soil**				**Sampled: 09/11/06 10:45**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.6	mg/kg dry	1x	6090686	09/18/06 14:00	09/18/06 23:26	
Diesel Range Hydrocarbons	"	ND	-----	43.9	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	87.8	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*102%*		*50 - 150 %*	*"*			*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Gasoline Hydrocarbons per NW TPH-Gx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-14 (GP213-3)		**Soil**				**Sampled: 09/12/06 09:20**				
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	-----	4.35	mg/kg dry	1x	6090922	09/22/06 13:50	09/22/06 16:00	
Surrogate(s): a,a,a-TFT			*73.2%*		*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-02 (GP202-7.5)		**Soil**			**Sampled: 09/11/06 12:55**					
Diesel Range Organics	NWTPH-Dx	**30200**	-----	306	mg/kg dry	20x	6090663	09/18/06 11:20	09/19/06 13:52	**A-01**
Heavy Oil Range Hydrocarbons	"	**8220**	-----	612	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*NR*		*50 - 150 %*	"			"	***S-01***
PPI0521-03 (GP203-5.5)		**Soil**			**Sampled: 09/11/06 13:25**					
Diesel Range Organics	NWTPH-Dx	**10400**	-----	356	mg/kg dry	20x	6090663	09/18/06 11:20	09/19/06 14:24	**A-01**
Heavy Oil Range Hydrocarbons	"	**2820**	-----	711	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*NR*		*50 - 150 %*	"			"	***S-01***
PPI0521-04 (GP204-7.5)		**Soil**			**Sampled: 09/11/06 14:45**					
Diesel Range Organics	NWTPH-Dx	ND	-----	23.0	mg/kg dry	1x	6090663	09/18/06 11:20	09/18/06 23:26	
Heavy Oil Range Hydrocarbons	"	ND	-----	45.9	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*113%*		*50 - 150 %*	"			"	
PPI0521-05 (GP205-3)		**Soil**			**Sampled: 09/12/06 11:45**					
Diesel Range Organics	NWTPH-Dx	ND	-----	14.6	mg/kg dry	1x	6090663	09/18/06 11:20	09/19/06 05:50	
Heavy Oil Range Hydrocarbons	"	ND	-----	29.2	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*82.7%*		*50 - 150 %*	"			"	
PPI0521-06 (GP206-4.5)		**Soil**			**Sampled: 09/12/06 13:20**					
Diesel Range Organics	NWTPH-Dx	**104**	-----	13.0	mg/kg dry	1x	6090663	09/18/06 11:20	09/19/06 12:56	**A-02**
Heavy Oil Range Hydrocarbons	"	**389**	-----	26.1	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*103%*		*50 - 150 %*	"			"	
PPI0521-07 (GP206-8.5)		**Soil**			**Sampled: 09/12/06 13:30**					
Diesel Range Organics	NWTPH-Dx	**15500**	-----	463	mg/kg dry	20x	6090663	09/18/06 11:20	09/19/06 08:28	**A-01**
Heavy Oil Range Hydrocarbons	"	**3620**	-----	926	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*NR*		*50 - 150 %*	"			"	***S-01***
PPI0521-08 (GP207-3)		**Soil**			**Sampled: 09/12/06 14:00**					
Diesel Range Organics	NWTPH-Dx	**54.0**	-----	13.1	mg/kg dry	1x	6090663	09/18/06 11:20	09/19/06 11:48	**A-02**
Heavy Oil Range Hydrocarbons	"	**411**	-----	26.2	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*98.0%*		*50 - 150 %*	"			"	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-09 (GP207-9)		**Soil**			**Sampled: 09/12/06 14:15**					
Diesel Range Organics	NWTPH-Dx	**775**	-----	24.5	mg/kg dry	1x	6090663	09/18/06 11:20	09/19/06 06:55	**A-01**
Heavy Oil Range Hydrocarbons	"	ND	-----	49.1	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*97.0%*			*50 - 150 %*	*"*			*"*	
PPI0521-16 (GP214-6)		**Soil**			**Sampled: 09/12/06 10:20**					
Diesel Range Organics	NWTPH-Dx	**152**	-----	19.0	mg/kg dry	1x	6090663	09/18/06 11:20	09/19/06 07:26	**A-01**
Heavy Oil Range Hydrocarbons	"	ND	-----	37.9	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane		*86.3%*			*50 - 150 %*	*"*			*"*	

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1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-14 (GP213-3)		**Soil**			**Sampled: 09/12/06 09:20**					
Diesel Range Organics	NWTPH-Dx	**276**	-----	29.0	mg/kg dry	2x	6090899	09/22/06 11:10	09/25/06 00:40	**A-01a**
Heavy Oil Range Hydrocarbons	"	**991**	-----	58.0	"	"	"	"	"	**A-01a**
Surrogate(s): 1-Chlorooctadecane			*117%*		*50 - 150 %*	*"*			*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-01 (GP201-4.5)		**Soil**			**Sampled: 09/11/06 11:45**					
Acetone	EPA 8260B	ND	-----	2880	ug/kg dry	1x	6090657	09/15/06 12:30	09/17/06 22:58	
Benzene	"	ND	-----	23.0	"	"	"	"	"	
Bromobenzene	"	ND	-----	115	"	"	"	"	"	
Bromochloromethane	"	ND	-----	115	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	115	"	"	"	"	"	
Bromoform	"	ND	-----	115	"	"	"	"	"	
Bromomethane	"	ND	-----	576	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1150	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	576	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	115	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	115	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1150	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	115	"	"	"	"	"	
Chlorobenzene	"	ND	-----	115	"	"	"	"	"	
Chloroethane	"	ND	-----	115	"	"	"	"	"	
Chloroform	"	ND	-----	115	"	"	"	"	"	
Chloromethane	"	ND	-----	576	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	115	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	115	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	576	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	115	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	115	"	"	"	"	"	
Dibromomethane	"	ND	-----	115	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	115	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	115	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	115	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	576	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	115	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	115	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	115	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	115	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	115	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	115	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	115	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	115	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	115	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	115	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	115	"	"	"	"	"	
Ethylbenzene	"	ND	-----	115	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	460	"	"	"	"	"	
2-Hexanone	"	ND	-----	1150	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	230	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	230	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-01 (GP201-4.5)		**Soil**			**Sampled: 09/11/06 11:45**					
4-Methyl-2-pentanone	EPA 8260B	ND	-----	576	ug/kg dry	1x	6090657	09/15/06 12:30	09/17/06 22:58	
Methyl tert-butyl ether	"	ND	-----	115	"	"	"	"	"	
Methylene chloride	"	ND	-----	576	"	"	"	"	"	
Naphthalene	"	ND	-----	230	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	115	"	"	"	"	"	
Styrene	"	ND	-----	115	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	115	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	115	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	115	"	"	"	"	"	
Toluene	"	ND	-----	115	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	115	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	115	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	115	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	115	"	"	"	"	"	
Trichloroethene	"	ND	-----	115	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	115	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	115	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	115	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	115	"	"	"	"	"	
Vinyl chloride	"	ND	-----	115	"	"	"	"	"	
o-Xylene	"	ND	-----	115	"	"	"	"	"	
m,p-Xylene	"	ND	-----	230	"	"	"	"	"	
Surrogate(s): 4-BFB		*88.3%*			*75 - 125 %*	*0.01x*			"	
1,2-DCA-d4		*85.7%*			*75 - 125 %*	"			"	
Dibromofluoromethane		*84.3%*			*75 - 125 %*	"			"	
Toluene-d8		*90.9%*			*75 - 125 %*	"			"	
PPI0521-14 (GP213-3)		**Soil**			**Sampled: 09/12/06 09:20**					
Acetone	EPA 8260B	ND	-----	2760	ug/kg dry	1x	6091034	09/25/06 15:45	09/26/06 12:39	
Benzene	"	**53.0**	-----	22.1	"	"	"	"	"	
Bromobenzene	"	ND	-----	110	"	"	"	"	"	
Bromochloromethane	"	ND	-----	110	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	110	"	"	"	"	"	
Bromoform	"	ND	-----	110	"	"	"	"	"	
Bromomethane	"	ND	-----	552	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1100	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	552	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	110	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	110	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1100	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	110	"	"	"	"	"	
Chlorobenzene	"	ND	-----	110	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-14 (GP213-3)		**Soil**			**Sampled: 09/12/06 09:20**					
Chloroethane	EPA 8260B	ND	-----	110	ug/kg dry	1x	6091034	09/25/06 15:45	09/26/06 12:39	
Chloroform	"	ND	-----	110	"	"	"	"	"	
Chloromethane	"	ND	-----	552	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	110	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	110	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	552	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	110	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	110	"	"	"	"	"	
Dibromomethane	"	ND	-----	110	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	110	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	552	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	110	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	110	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	110	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	110	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	110	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	110	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	110	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	110	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	110	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	110	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	110	"	"	"	"	"	
Ethylbenzene	"	ND	-----	110	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	442	"	"	"	"	"	
2-Hexanone	"	ND	-----	1100	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	221	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	221	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	552	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	110	"	"	"	"	"	
Methylene chloride	"	ND	-----	552	"	"	"	"	"	
Naphthalene	"	**1120**	-----	221	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	110	"	"	"	"	"	
Styrene	"	ND	-----	110	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	110	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	110	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	110	"	"	"	"	"	
Toluene	"	**188**	-----	110	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	110	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	110	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-14 (GP213-3)		**Soil**			**Sampled: 09/12/06 09:20**					
Trichloroethene	EPA 8260B	ND	-----	110	ug/kg dry	1x	6091034	09/25/06 15:45	09/26/06 12:39	
Trichlorofluoromethane	"	ND	-----	110	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	110	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	**131**	-----	110	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	110	"	"	"	"	"	
Vinyl chloride	"	ND	-----	110	"	"	"	"	"	
o-Xylene	"	**148**	-----	110	"	"	"	"	"	
m,p-Xylene	"	ND	-----	221	"	"	"	"	"	
Surrogate(s): 4-BFB			*114%*		*75 - 125 %*	*0.01x*			*"*	
1,2-DCA-d4			*100%*		*75 - 125 %*	*"*			*"*	
Dibromofluoromethane			*100%*		*75 - 125 %*	*"*			*"*	
Toluene-d8			*109%*		*75 - 125 %*	*"*			*"*	
PPI0521-16 (GP214-6)		**Soil**			**Sampled: 09/12/06 10:20**					
Acetone	EPA 8260B	ND	-----	18600	ug/kg dry	5x	6090657	09/15/06 12:30	09/19/06 21:24	
Benzene	"	ND	-----	148	"	"	"	"	"	
Bromobenzene	"	ND	-----	742	"	"	"	"	"	
Bromochloromethane	"	ND	-----	742	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	742	"	"	"	"	"	
Bromoform	"	ND	-----	742	"	"	"	"	"	
Bromomethane	"	ND	-----	3710	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	7420	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	3710	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	742	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	742	"	"	"	"	"	
Carbon disulfide	"	ND	-----	7420	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	742	"	"	"	"	"	
Chlorobenzene	"	ND	-----	742	"	"	"	"	"	
Chloroethane	"	ND	-----	742	"	"	"	"	"	
Chloroform	"	ND	-----	742	"	"	"	"	"	
Chloromethane	"	ND	-----	3710	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	742	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	742	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	3710	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	742	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	742	"	"	"	"	"	
Dibromomethane	"	ND	-----	742	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	742	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	742	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	742	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	3710	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	742	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-16 (GP214-6)		**Soil**			**Sampled: 09/12/06 10:20**					
1,2-Dichloroethane	EPA 8260B	ND	-----	742	ug/kg dry	5x	6090657	09/15/06 12:30	09/19/06 21:24	
1,1-Dichloroethene	"	ND	-----	742	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	742	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	742	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	742	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	742	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	742	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	742	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	742	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	742	"	"	"	"	"	
Ethylbenzene	"	ND	-----	742	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	2970	"	"	"	"	"	
2-Hexanone	"	ND	-----	7420	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	1480	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	1480	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	3710	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	742	"	"	"	"	"	
Methylene chloride	"	ND	-----	3710	"	"	"	"	"	
Naphthalene	"	**73700**	-----	1480	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	742	"	"	"	"	"	
Styrene	"	ND	-----	742	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	742	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	742	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	742	"	"	"	"	"	
Toluene	"	ND	-----	742	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	742	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	742	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	742	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	742	"	"	"	"	"	
Trichloroethene	"	ND	-----	742	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	742	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	742	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	742	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	742	"	"	"	"	"	
Vinyl chloride	"	ND	-----	742	"	"	"	"	"	
o-Xylene	"	ND	-----	742	"	"	"	"	"	
m,p-Xylene	"	ND	-----	1480	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*93.3%*		*75 - 125 %*	*0.01x*			*"*	
	1,2-DCA-d4		*86.9%*		*75 - 125 %*	*"*			*"*	
	Dibromofluoromethane		*85.2%*		*75 - 125 %*	*"*			*"*	
	Toluene-d8		*90.9%*		*75 - 125 %*	*"*			*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-17 (GP215-4.5)		**Soil**			**Sampled: 09/11/06 10:45**					
Acetone	EPA 8260B	ND	-----	2750	ug/kg dry	1x	6090657	09/15/06 12:30	09/17/06 23:25	
Benzene	"	ND	-----	22.0	"	"	"	"	"	
Bromobenzene	"	ND	-----	110	"	"	"	"	"	
Bromochloromethane	"	ND	-----	110	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	110	"	"	"	"	"	
Bromoform	"	ND	-----	110	"	"	"	"	"	
Bromomethane	"	ND	-----	550	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1100	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	550	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	110	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	110	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1100	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	110	"	"	"	"	"	
Chlorobenzene	"	ND	-----	110	"	"	"	"	"	
Chloroethane	"	ND	-----	110	"	"	"	"	"	
Chloroform	"	ND	-----	110	"	"	"	"	"	
Chloromethane	"	ND	-----	550	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	110	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	110	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	550	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	110	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	110	"	"	"	"	"	
Dibromomethane	"	ND	-----	110	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	110	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	550	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	110	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	110	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	110	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	110	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	110	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	110	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	110	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	110	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	110	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	110	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	110	"	"	"	"	"	
Ethylbenzene	"	ND	-----	110	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	440	"	"	"	"	"	
2-Hexanone	"	ND	-----	1100	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	220	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	220	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-17 (GP215-4.5)		**Soil**			**Sampled: 09/11/06 10:45**					
4-Methyl-2-pentanone	EPA 8260B	ND	-----	550	ug/kg dry	1x	6090657	09/15/06 12:30	09/17/06 23:25	
Methyl tert-butyl ether	"	ND	-----	110	"	"	"	"	"	
Methylene chloride	"	ND	-----	550	"	"	"	"	"	
Naphthalene	"	ND	-----	220	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	110	"	"	"	"	"	
Styrene	"	ND	-----	110	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	110	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	110	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	110	"	"	"	"	"	
Toluene	"	ND	-----	110	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	110	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	110	"	"	"	"	"	
Trichloroethene	"	ND	-----	110	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	110	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	110	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	110	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	110	"	"	"	"	"	
Vinyl chloride	"	ND	-----	110	"	"	"	"	"	
o-Xylene	"	ND	-----	110	"	"	"	"	"	
m,p-Xylene	"	ND	-----	220	"	"	"	"	"	
Surrogate(s): 4-BFB			*90.0%*		*75 - 125 %*	*0.01x*			"	
1,2-DCA-d4			*82.3%*		*75 - 125 %*	"			"	
Dibromofluoromethane			*82.3%*		*75 - 125 %*	"			"	
Toluene-d8			*89.5%*		*75 - 125 %*	"			"	

Sarah Rockwell

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-06 (GP206-4.5)		**Soil**			**Sampled: 09/12/06 13:20**					
Acenaphthene	EPA 8270C	ND	-----	0.350	mg/kg dry	1x	6090913	09/22/06 10:18	09/26/06 20:52	
Acenaphthylene	"	ND	-----	0.350	"	"	"	"	"	
Anthracene	"	ND	-----	0.350	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.350	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.350	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.350	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.350	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.350	"	"	"	"	"	
Benzoic Acid	"	ND	-----	1.06	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	1.06	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	0.350	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	0.350	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	0.350	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	2.12	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	0.350	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	0.350	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	0.350	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	0.350	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	0.350	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	0.350	"	"	"	"	"	
Chrysene	"	ND	-----	0.350	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	1.06	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	0.350	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.350	"	"	"	"	"	
Dibenzofuran	"	ND	-----	0.350	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.06	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.06	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.06	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	1.06	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	0.350	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	0.350	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	1.06	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	0.350	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	1.06	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	2.12	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	0.530	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	0.530	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	2.12	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.350	"	"	"	"	"	
Fluorene	"	ND	-----	0.350	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	0.350	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	1.06	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	1.06	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-06 (GP206-4.5)		**Soil**			**Sampled: 09/12/06 13:20**					
Hexachloroethane	EPA 8270C	ND	-----	1.06	mg/kg dry	1x	6090913	09/22/06 10:18	09/26/06 20:52	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.350	"	"	"	"	"	
Isophorone	"	ND	-----	0.350	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	0.350	"	"	"	"	"	
2-Methylphenol	"	ND	-----	0.350	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	0.350	"	"	"	"	"	
Naphthalene	"	ND	-----	0.350	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	0.350	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	1.06	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	0.350	"	"	"	"	"	
Nitrobenzene	"	ND	-----	0.350	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	0.350	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	1.06	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	0.350	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	0.350	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	1.06	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.350	"	"	"	"	"	
Phenol	"	ND	-----	0.350	"	"	"	"	"	
Pyrene	"	ND	-----	0.350	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.06	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	0.350	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	0.350	"	"	"	"	"	
Surrogate(s): 2-Fluorobiphenyl			*87.9%*		*30 - 115 %*	"			"	
2-Fluorophenol			*62.3%*		*25 - 121 %*	"			"	
Nitrobenzene-d5			*77.0%*		*23 - 120 %*	"			"	
Phenol-d6			*75.3%*		*24 - 113 %*	"			"	
p-Terphenyl-d14			*92.1%*		*18 - 137 %*	"			"	
2,4,6-Tribromophenol			*84.3%*		*19 - 122 %*	"			"	
PPI0521-07 (GP206-8.5)		**Soil**			**Sampled: 09/12/06 13:30**					**R-05**
Acenaphthene	EPA 8270C	**1510**	-----	479	mg/kg dry	400x	6090913	09/22/06 10:18	09/27/06 03:41	
Acenaphthylene	"	ND	-----	47.9	"	40x	"	"	09/28/06 20:54	
Anthracene	"	**453**	-----	47.9	"	"	"	"	"	
Benzo (a) anthracene	"	**453**	-----	47.9	"	"	"	"	"	
Benzo (a) pyrene	"	**237**	-----	47.9	"	"	"	"	"	
Benzo (b) fluoranthene	"	**229**	-----	47.9	"	"	"	"	"	
Benzo (ghi) perylene	"	**96.5**	-----	47.9	"	"	"	"	"	
Benzo (k) fluoranthene	"	**172**	-----	47.9	"	"	"	"	"	
Benzoic Acid	"	ND	-----	145	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	145	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	47.9	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	47.9	"	"	"	"	"	

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ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-07 (GP206-8.5)		**Soil**			**Sampled: 09/12/06 13:30**					**R-05**
4-Chloro-3-methylphenol	EPA 8270C	ND	-----	47.9	mg/kg dry	40x	6090913	09/22/06 10:18	09/28/06 20:54	
4-Chloroaniline	"	ND	-----	290	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	47.9	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	47.9	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	47.9	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	47.9	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	47.9	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	47.9	"	"	"	"	"	
Chrysene	"	**411**	-----	47.9	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	145	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	47.9	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	47.9	"	"	"	"	"	
Dibenzofuran	"	**937**	-----	479	"	400x	"	"	09/27/06 03:41	
1,2-Dichlorobenzene	"	ND	-----	145	"	40x	"	"	09/28/06 20:54	
1,3-Dichlorobenzene	"	ND	-----	145	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	145	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	145	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	47.9	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	47.9	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	145	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	47.9	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	145	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	290	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	72.6	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	72.6	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	290	"	"	"	"	"	
Fluoranthene	"	**2060**	-----	479	"	400x	"	"	09/27/06 03:41	
Fluorene	"	**1450**	-----	479	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	47.9	"	40x	"	"	09/28/06 20:54	
Hexachlorobutadiene	"	ND	-----	145	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	145	"	"	"	"	"	
Hexachloroethane	"	ND	-----	145	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**83.1**	-----	47.9	"	"	"	"	"	
Isophorone	"	ND	-----	47.9	"	"	"	"	"	
2-Methylnaphthalene	"	**1410**	-----	479	"	400x	"	"	09/27/06 03:41	
2-Methylphenol	"	ND	-----	47.9	"	40x	"	"	09/28/06 20:54	
3-,4-Methylphenol	"	ND	-----	47.9	"	"	"	"	"	
Naphthalene	"	**3860**	-----	479	"	400x	"	"	09/27/06 03:41	
2-Nitroaniline	"	ND	-----	47.9	"	40x	"	"	09/28/06 20:54	
3-Nitroaniline	"	ND	-----	145	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	47.9	"	"	"	"	"	
Nitrobenzene	"	ND	-----	47.9	"	"	"	"	"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-07 (GP206-8.5)		**Soil**			**Sampled: 09/12/06 13:30**					**R-05**
2-Nitrophenol	EPA 8270C	ND	-----	47.9	mg/kg dry	40x	6090913	09/22/06 10:18	09/28/06 20:54	
4-Nitrophenol	"	ND	-----	145	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	47.9	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	47.9	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	145	"	"	"	"	"	
Phenanthrene	"	**3770**	-----	479	"	400x	"	"	09/27/06 03:41	
Phenol	"	ND	-----	47.9	"	40x	"	"	09/28/06 20:54	
Pyrene	"	**1850**	-----	479	"	400x	"	"	09/27/06 03:41	
1,2,4-Trichlorobenzene	"	ND	-----	145	"	40x	"	"	09/28/06 20:54	
2,4,5-Trichlorophenol	"	ND	-----	47.9	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	47.9	"	"	"	"	"	
Surrogate(s): 2-Fluorobiphenyl			*NR*		*30 - 115 %*	"			"	***S-01***
2-Fluorophenol			*NR*		*25 - 121 %*	"			"	***S-01***
Nitrobenzene-d5			*NR*		*23 - 120 %*	"			"	***S-01***
Phenol-d6			*NR*		*24 - 113 %*	"			"	***S-01***
p-Terphenyl-d14			*NR*		*18 - 137 %*	"			"	***S-01***
2,4,6-Tribromophenol			*NR*		*19 - 122 %*	"			"	***S-01***
PPI0521-14 (GP213-3)		**Soil**			**Sampled: 09/12/06 09:20**					**R-05**
Acenaphthene	EPA 8270C	ND	-----	1.87	mg/kg dry	5x	6090913	09/22/06 10:18	09/29/06 03:41	
Acenaphthylene	"	ND	-----	1.87	"	"	"	"	"	
Anthracene	"	**3.58**	-----	1.87	"	"	"	"	"	
Benzo (a) anthracene	"	**5.24**	-----	1.87	"	"	"	"	"	
Benzo (a) pyrene	"	**6.96**	-----	1.87	"	"	"	"	"	
Benzo (b) fluoranthene	"	**5.07**	-----	1.87	"	"	"	"	"	
Benzo (ghi) perylene	"	**13.0**	-----	1.87	"	"	"	"	"	
Benzo (k) fluoranthene	"	**4.30**	-----	1.87	"	"	"	"	"	
Benzoic Acid	"	ND	-----	5.67	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	5.67	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	1.87	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	1.87	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	1.87	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	11.3	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	1.87	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	1.87	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	1.87	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	1.87	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	1.87	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	1.87	"	"	"	"	"	
Chrysene	"	**14.8**	-----	1.87	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	5.67	"	"	"	"	"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-14 (GP213-3)		**Soil**			**Sampled: 09/12/06 09:20**					**R-05**
Di-n-octyl phthalate	EPA 8270C	ND	-----	1.87	mg/kg dry	5x	6090913	09/22/06 10:18	09/29/06 03:41	
Dibenzo (a,h) anthracene	"	**3.34**	-----	1.87	"	"	"	"	"	
Dibenzofuran	"	**2.25**	-----	1.87	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	5.67	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	5.67	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	5.67	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	5.67	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	1.87	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	1.87	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	5.67	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	1.87	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	5.67	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	11.3	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	2.83	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	2.83	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	11.3	"	"	"	"	"	
Fluoranthene	"	**6.56**	-----	1.87	"	"	"	"	"	
Fluorene	"	ND	-----	1.87	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	1.87	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	5.67	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	5.67	"	"	"	"	"	
Hexachloroethane	"	ND	-----	5.67	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**6.00**	-----	1.87	"	"	"	"	"	
Isophorone	"	ND	-----	1.87	"	"	"	"	"	
2-Methylnaphthalene	"	**4.05**	-----	1.87	"	"	"	"	"	
2-Methylphenol	"	ND	-----	1.87	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	1.87	"	"	"	"	"	
Naphthalene	"	**8.50**	-----	1.87	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	1.87	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	5.67	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	1.87	"	"	"	"	"	
Nitrobenzene	"	ND	-----	1.87	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	1.87	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	5.67	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	1.87	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	1.87	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	5.67	"	"	"	"	"	
Phenanthrene	"	**5.69**	-----	1.87	"	"	"	"	"	
Phenol	"	ND	-----	1.87	"	"	"	"	"	
Pyrene	"	**8.83**	-----	1.87	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	5.67	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	1.87	"	"	"	"	"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-14 (GP213-3)		**Soil**			**Sampled: 09/12/06 09:20**					**R-05**
2,4,6-Trichlorophenol	EPA 8270C	ND	-----	1.87	mg/kg dry	5x	6090913	09/22/06 10:18	09/29/06 03:41	
Surrogate(s): 2-Fluorobiphenyl			*84.1%*		*30 - 115 %*	"			"	
2-Fluorophenol			*49.6%*		*25 - 121 %*	"			"	
Nitrobenzene-d5			*65.4%*		*23 - 120 %*	"			"	
Phenol-d6			*67.0%*		*24 - 113 %*	"			"	
p-Terphenyl-d14			*101%*		*18 - 137 %*	"			"	
2,4,6-Tribromophenol			*75.3%*		*19 - 122 %*	"			"	
PPI0521-16 (GP214-6)		**Soil**			**Sampled: 09/12/06 10:20**					
Acenaphthene	EPA 8270C	**21.3**	-----	5.01	mg/kg dry	10x	6090913	09/22/06 10:18	09/28/06 06:17	
Acenaphthylene	"	ND	-----	0.501	"	1x	"	"	09/26/06 05:57	
Anthracene	"	**4.94**	-----	0.501	"	"	"	"	"	
Benzo (a) anthracene	"	**5.57**	-----	0.501	"	"	"	"	"	
Benzo (a) pyrene	"	**4.27**	-----	0.501	"	"	"	"	"	
Benzo (b) fluoranthene	"	**4.13**	-----	0.501	"	"	"	"	"	
Benzo (ghi) perylene	"	**1.69**	-----	0.501	"	"	"	"	"	
Benzo (k) fluoranthene	"	**2.70**	-----	0.501	"	"	"	"	"	
Benzoic Acid	"	ND	-----	1.52	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	1.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	0.501	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	0.501	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	0.501	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	3.04	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	0.501	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	0.501	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	0.501	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	0.501	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	0.501	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	0.501	"	"	"	"	"	
Chrysene	"	**4.74**	-----	0.501	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	1.52	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	0.501	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	**0.689**	-----	0.501	"	"	"	"	"	
Dibenzofuran	"	**10.4**	-----	5.01	"	10x	"	"	09/28/06 06:17	
1,2-Dichlorobenzene	"	ND	-----	1.52	"	1x	"	"	09/26/06 05:57	
1,3-Dichlorobenzene	"	ND	-----	1.52	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.52	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	1.52	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	0.501	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	0.501	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	1.52	"	"	"	"	"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-16 (GP214-6)		**Soil**			**Sampled: 09/12/06 10:20**					
Dimethyl phthalate	EPA 8270C	ND	-----	0.501	mg/kg dry	1x	6090913	09/22/06 10:18	09/26/06 05:57	
4,6-Dinitro-2-methylphenol	"	ND	-----	1.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	3.04	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	0.759	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	0.759	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	3.04	"	"	"	"	"	
Fluoranthene	"	**24.6**	-----	5.01	"	10x	"	"	09/28/06 06:17	
Fluorene	"	**14.6**	-----	5.01	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	0.501	"	1x	"	"	09/26/06 05:57	
Hexachlorobutadiene	"	ND	-----	1.52	"	"	"	"	"	
Hexachlorocyclopentadiene	"	ND	-----	1.52	"	"	"	"	"	
Hexachloroethane	"	ND	-----	1.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**1.71**	-----	0.501	"	"	"	"	"	
Isophorone	"	ND	-----	0.501	"	"	"	"	"	
2-Methylnaphthalene	"	**15.8**	-----	5.01	"	10x	"	"	09/28/06 06:17	
2-Methylphenol	"	ND	-----	0.501	"	1x	"	"	09/26/06 05:57	
3-,4-Methylphenol	"	ND	-----	0.501	"	"	"	"	"	
Naphthalene	"	**78.9**	-----	5.01	"	10x	"	"	09/28/06 06:17	
2-Nitroaniline	"	ND	-----	0.501	"	1x	"	"	09/26/06 05:57	
3-Nitroaniline	"	ND	-----	1.52	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	0.501	"	"	"	"	"	
Nitrobenzene	"	ND	-----	0.501	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	0.501	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	1.52	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	0.501	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	0.501	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	1.52	"	"	"	"	"	
Phenanthrene	"	**41.5**	-----	5.01	"	10x	"	"	09/28/06 06:17	
Phenol	"	ND	-----	0.501	"	1x	"	"	09/26/06 05:57	
Pyrene	"	**20.3**	-----	5.01	"	10x	"	"	09/28/06 06:17	
1,2,4-Trichlorobenzene	"	ND	-----	1.52	"	1x	"	"	09/26/06 05:57	
2,4,5-Trichlorophenol	"	ND	-----	0.501	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	0.501	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*77.6%*		*30 - 115 %*	"				"	
2-Fluorophenol		*37.9%*		*25 - 121 %*	"				"	
Nitrobenzene-d5		*73.1%*		*23 - 120 %*	"				"	
Phenol-d6		*62.2%*		*24 - 113 %*	"				"	
p-Terphenyl-d14		*86.3%*		*18 - 137 %*	"				"	
2,4,6-Tribromophenol		*81.6%*		*19 - 122 %*	"				"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-02 (GP202-7.5)		**Soil**			**Sampled: 09/11/06 12:55**					**R-05**
Acenaphthene	EPA 8270m	**786000**	-----	32700	ug/kg dry	2000x	6091031	09/25/06 21:15	10/03/06 14:10	
Acenaphthylene	"	ND	-----	32700	"	"	"	"	"	
Anthracene	"	**894000**	-----	32700	"	"	"	"	"	
Benzo (a) anthracene	"	**299000**	-----	32700	"	"	"	"	"	
Benzo (a) pyrene	"	**177000**	-----	32700	"	"	"	"	"	
Benzo (b) fluoranthene	"	**176000**	-----	32700	"	"	"	"	"	
Benzo (k) fluoranthene	"	**173000**	-----	32700	"	"	"	"	"	
Benzo (ghi) perylene	"	**73300**	-----	32700	"	"	"	"	"	
Chrysene	"	**661000**	-----	32700	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	**33400**	-----	32700	"	"	"	"	"	
Fluoranthene	"	**1020000**	-----	32700	"	"	"	"	"	
Fluorene	"	**684000**	-----	32700	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**64700**	-----	32700	"	"	"	"	"	
Naphthalene	"	**2490000**	-----	327000	"	20000x	"	"	10/03/06 15:43	
Pentachlorophenol	"	ND	-----	164000	"	2000x	"	"	10/03/06 14:10	
Phenanthrene	"	**2390000**	-----	327000	"	20000x	"	"	10/03/06 15:43	
Pyrene	"	**841000**	-----	32700	"	2000x	"	"	10/03/06 14:10	
Surrogate(s): *Fluorene-d10*			*NR*		*32 - 134 %*	"			"	***S-01***
2,4,6-Tribromophenol			*NR*		*10 - 150 %*	"			"	***S-01***
Pyrene-d10			*NR*		*41 - 152 %*	"			"	***S-01***
Benzo (a) pyrene-d12			*NR*		*36 - 145 %*	"			"	***S-01***

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-01 (GP201-4.5)		**Soil**				**Sampled: 09/11/06 11:45**				
% Solids	NCA SOP	**86.1**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-02 (GP202-7.5)		**Soil**				**Sampled: 09/11/06 12:55**				
% Solids	NCA SOP	**80.9**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-03 (GP203-5.5)		**Soil**				**Sampled: 09/11/06 13:25**				
% Solids	NCA SOP	**69.2**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-04 (GP204-7.5)		**Soil**				**Sampled: 09/11/06 14:45**				
% Solids	NCA SOP	**55.3**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-05 (GP205-3)		**Soil**				**Sampled: 09/12/06 11:45**				
% Solids	NCA SOP	**84.2**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-06 (GP206-4.5)		**Soil**				**Sampled: 09/12/06 13:20**				
% Solids	NCA SOP	**94.1**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-07 (GP206-8.5)		**Soil**				**Sampled: 09/12/06 13:30**				
% Solids	NCA SOP	**54.5**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-08 (GP207-3)		**Soil**				**Sampled: 09/12/06 14:00**				
% Solids	NCA SOP	**95.8**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-09 (GP207-9)		**Soil**				**Sampled: 09/12/06 14:15**				
% Solids	NCA SOP	**51.9**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-10 (GP209-3)		**Soil**				**Sampled: 09/12/06 16:40**				
% Solids	NCA SOP	**97.9**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-11 (GP210-4)		**Soil**				**Sampled: 09/12/06 17:00**				

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0521-11 (GP210-4)		**Soil**			**Sampled: 09/12/06 17:00**					
% Solids	NCA SOP	**95.7**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-12 (GP211-3.5)		**Soil**			**Sampled: 09/11/06 15:55**					
% Solids	NCA SOP	**96.6**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-13 (GP212-3.5)		**Soil**			**Sampled: 09/11/06 16:50**					
% Solids	NCA SOP	**95.3**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-14 (GP213-3)		**Soil**			**Sampled: 09/12/06 09:20**					
% Solids	NCA SOP	**87.7**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-16 (GP214-6)		**Soil**			**Sampled: 09/12/06 10:20**					
% Solids	NCA SOP	**65.6**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	
PPI0521-17 (GP215-4.5)		**Soil**			**Sampled: 09/11/06 10:45**					
% Solids	NCA SOP	**88.5**	-----	0.00	% by Weight	1x	6090589	09/15/06 08:09	09/15/06 08:09	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090686 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090686-BLK1)								**Extracted: 09/18/06 14:00**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	20.0	mg/kg wet	1x	--	--	--	--	--	--	09/18/06 17:52	
Diesel Range Hydrocarbons	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 102%*			*Limits: 50-150%*	"							*09/18/06 17:52*	
Duplicate (6090686-DUP1)					**QC Source: PPI0521-01**			**Extracted: 09/18/06 14:00**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	21.5	mg/kg dry	1x	ND	--	--	--	NR	(50)	09/18/06 18:23	
Diesel Range Hydrocarbons	"	ND	---	53.8	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	---	108	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 105%*			*Limits: 50-150%*	"							*09/18/06 18:23*	
Duplicate (6090686-DUP2)					**QC Source: PPI0521-10**			**Extracted: 09/18/06 14:00**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	18.2	mg/kg dry	1x	ND	--	--	--	NR	(50)	09/18/06 18:55	
Diesel Range Hydrocarbons	"	ND	---	45.6	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	---	91.2	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 101%*			*Limits: 50-150%*	"							*09/18/06 18:55*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090922 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090922-BLK1)														
													Extracted: 09/22/06 11:57	
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	2.00	mg/kg wet	1x	--	--	--	--	--	--	09/22/06 13:14	
Surrogate(s): a,a,a-TFT		*Recovery: 77.9%*			*Limits: 50-150%*	"							*09/22/06 13:14*	
LCS (6090922-BS2)														
													Extracted: 09/22/06 11:57	
Gasoline Range Hydrocarbons	NW TPH-Gx	23.4	---	3.75	mg/kg wet	1x	--	23.4	100%	(70-130)	--	--	09/22/06 12:19	
Surrogate(s): a,a,a-TFT		*Recovery: 82.9%*			*Limits: 50-150%*	"							*09/22/06 12:19*	
Duplicate (6090922-DUP1)							**QC Source: PPG1150-16**						**Extracted: 09/22/06 11:57**	
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	3.81	mg/kg dry	1x	ND	--	--	--	6.94%	(40)	09/22/06 14:37	
Surrogate(s): a,a,a-TFT		*Recovery: 80.7%*			*Limits: 50-150%*	"							*09/22/06 14:37*	
Duplicate (6090922-DUP2)							**QC Source: PPI0521-14**						**Extracted: 09/22/06 11:57**	
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	4.35	mg/kg dry	1x	ND	--	--	--	5.41%	(40)	09/22/06 16:27	
Surrogate(s): a,a,a-TFT		*Recovery: 76.1%*			*Limits: 50-150%*	"							*09/22/06 16:27*	
Matrix Spike (6090922-MS2)							**QC Source: PPG1150-26**						**Extracted: 09/22/06 11:57**	
Gasoline Range Hydrocarbons	NW TPH-Gx	22.7	---	3.90	mg/kg dry	1x	ND	24.4	93.0%	(65-130)	--	--	09/22/06 15:32	
Surrogate(s): a,a,a-TFT		*Recovery: 84.4%*			*Limits: 50-150%*	"							*09/22/06 15:32*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090663 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090663-BLK1)							**Extracted: 09/18/06 11:20**							
Diesel Range Organics	NWTPH-Dx	ND	---	12.5	mg/kg wet	1x	--	--	--	--	--	--	09/18/06 17:52	
Heavy Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 107%*			*Limits: 50-150%*	"							*09/18/06 17:52*	
LCS (6090663-BS1)							**Extracted: 09/18/06 11:20**							
Diesel Range Organics	NWTPH-Dx	121	---	12.5	mg/kg wet	1x	--	128	94.5%	(50-150)	--	--	09/19/06 13:21	
Heavy Oil Range Hydrocarbons	"	78.6	---	25.0	"	"	--	80.0	98.2%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 97.5%*			*Limits: 50-150%*	"							*09/19/06 13:21*	
Duplicate (6090663-DUP1)					**QC Source: PPI0500-11**		**Extracted: 09/18/06 11:20**							
Diesel Range Organics	NWTPH-Dx	73.6	---	28.7	mg/kg dry	2x	35.4	--	--	--	70.1%	(50)	09/19/06 13:52	Q-14
Heavy Oil Range Hydrocarbons	"	373	---	57.4	"	"	257	--	--	--	36.8%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 101%*			*Limits: 50-150%*	"							*09/19/06 13:52*	
Duplicate (6090663-DUP2)					**QC Source: PPI0521-04**		**Extracted: 09/18/06 11:20**							
Diesel Range Organics	NWTPH-Dx	37.9	---	22.9	mg/kg dry	1x	22.9	--	--	--	49.3%	(50)	09/18/06 19:26	
Heavy Oil Range Hydrocarbons	"	ND	---	45.8	"	"	ND	--	--	--	2.65%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 100%*			*Limits: 50-150%*	"							*09/18/06 19:26*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090899 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090899-BLK1)								**Extracted: 09/22/06 08:09**						
Diesel Range Organics	NWTPH-Dx	ND	---	12.5	mg/kg wet	1x	--	--	--	--	--	--	09/25/06 00:08	
Heavy Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 95.0%*			*Limits: 50-150%*	"							*09/25/06 00:08*	
LCS (6090899-BS1)								**Extracted: 09/22/06 08:09**						
Diesel Range Organics	NWTPH-Dx	118	---	12.5	mg/kg wet	1x	--	128	92.2%	(50-150)	--	--	09/25/06 00:40	
Heavy Oil Range Hydrocarbons	"	75.7	---	25.0	"	"	--	80.0	94.6%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 107%*			*Limits: 50-150%*	"							*09/25/06 00:40*	
Duplicate (6090899-DUP1)					**QC Source: PPI0521-14**			**Extracted: 09/22/06 08:09**						
Diesel Range Organics	NWTPH-Dx	208	---	28.6	mg/kg dry	2x	276	--	--	--	28.1%	(50)	09/25/06 01:12	
Heavy Oil Range Hydrocarbons	"	931	---	57.3	"	"	991	--	--	--	6.24%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 108%*			*Limits: 50-150%*	"							*09/25/06 01:12*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090657 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090657-BLK1)									**Extracted: 09/17/06 19:45**					
Acetone	EPA 8260B	ND	---	2480	ug/kg wet	1x	--	--	--	--	--	--	09/18/06 03:33	
Benzene	"	ND	---	19.8	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	496	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	992	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	496	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	992	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	496	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	496	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	496	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090657 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090657-BLK1)							**Extracted: 09/17/06 19:45**							
Hexachlorobutadiene	EPA 8260B	ND	---	397	ug/kg wet	1x	--	--	--	--	--	--	09/18/06 03:33	
2-Hexanone	"	ND	---	992	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	198	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	198	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	496	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	496	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	198	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	198	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery: 92.4%*	*Limits: 75-125%*	*0.01x*	*09/18/06 03:33*
	1,2-DCA-d4	*83.3%*	*75-125%*	*"*	*"*
	Dibromofluoromethane	*83.8%*	*75-125%*	*"*	*"*
	Toluene-d8	*89.4%*	*75-125%*	*"*	*"*

Sarah Rockwell

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090657 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6090657-BS1)													**Extracted: 09/17/06 19:45**	
Benzene	EPA 8260B	2010	---	19.8	ug/kg wet	1x	--	1980	102%	(81.9-125)	--	--	09/17/06 20:40	
Chlorobenzene	"	2020	---	99.2	"	"	--	"	102%	(79.2-125)	--	--	"	
1,1-Dichloroethene	"	1880	---	99.2	"	"	--	"	94.9%	(66.1-125)	--	--	"	
Toluene	"	1990	---	99.2	"	"	--	"	101%	(80-125)	--	--	"	
Trichloroethene	"	1970	---	99.2	"	"	--	"	99.5%	(76-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 94.9%*			*Limits: 75-125%*	*0.01x*							*09/17/06 20:40*	
1,2-DCA-d4		*90.9%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*92.4%*			*75-125%*	*"*							*"*	
Toluene-d8		*92.4%*			*75-125%*	*"*							*"*	
Matrix Spike (6090657-MS1)							**QC Source: PPI0617-10**						**Extracted: 09/17/06 19:45**	
Benzene	EPA 8260B	2170	---	21.2	ug/kg dry	1x	ND	2120	102%	(68.5-125)	--	--	09/17/06 21:08	
Chlorobenzene	"	2140	---	106	"	"	ND	"	101%	(65.9-125)	--	--	"	
1,1-Dichloroethene	"	2040	---	106	"	"	ND	"	96.2%	(55.8-125)	--	--	"	
Toluene	"	2140	---	106	"	"	9.55	"	100%	(70.3-125)	--	--	"	
Trichloroethene	"	2080	---	106	"	"	ND	"	98.1%	(65.5-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 92.5%*			*Limits: 75-125%*	*0.01x*							*09/17/06 21:08*	
1,2-DCA-d4		*91.0%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*91.5%*			*75-125%*	*"*							*"*	
Toluene-d8		*91.0%*			*75-125%*	*"*							*"*	
Matrix Spike Dup (6090657-MSD1)							**QC Source: PPI0617-10**						**Extracted: 09/17/06 19:45**	
Benzene	EPA 8260B	2220	---	21.2	ug/kg dry	1x	ND	2120	105%	(68.5-125)	2.28%	(25)	09/17/06 21:35	
Chlorobenzene	"	2190	---	106	"	"	ND	"	103%	(65.9-125)	2.31%	"	"	
1,1-Dichloroethene	"	2070	---	106	"	"	ND	"	97.6%	(55.8-125)	1.46%	"	"	
Toluene	"	2220	---	106	"	"	9.55	"	104%	(70.3-125)	3.67%	"	"	
Trichloroethene	"	2200	---	106	"	"	ND	"	104%	(65.5-125)	5.61%	"	"	
Surrogate(s): 4-BFB		*Recovery: 98.6%*			*Limits: 75-125%*	*0.01x*							*09/17/06 21:35*	
1,2-DCA-d4		*93.4%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*98.1%*			*75-125%*	*"*							*"*	
Toluene-d8		*98.1%*			*75-125%*	*"*							*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6091034 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6091034-BLK1)									Extracted: 09/26/06 08:20					
Acetone	EPA 8260B	ND	---	2500	ug/kg wet	1x	--	--	--	--	--	--	09/26/06 12:11	
Benzene	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	998	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	499	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	998	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6091034 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6091034-BLK1)							**Extracted: 09/26/06 08:20**							
Hexachlorobutadiene	EPA 8260B	ND	---	399	ug/kg wet	1x	--	--	--	--	--	--	09/26/06 12:11	
2-Hexanone	"	ND	---	998	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	200	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery: 97.0%*	*Limits: 75-125%*	*0.01x*	*09/26/06 12:11*
	1,2-DCA-d4	*85.0%*	*75-125%*	*"*	*"*
	Dibromofluoromethane	*87.0%*	*75-125%*	*"*	*"*
	Toluene-d8	*96.5%*	*75-125%*	*"*	*"*

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6091034 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6091034-BS1)													**Extracted: 09/26/06 08:20**	
Benzene	EPA 8260B	2180	---	20.0	ug/kg wet	1x	--	2000	109%	(81.9-125)	--	--	09/26/06 09:27	
Chlorobenzene	"	1960	---	99.8	"	"	--	"	98.0%	(79.2-125)	--	--	"	
1,1-Dichloroethene	"	2080	---	99.8	"	"	--	"	104%	(66.1-125)	--	--	"	
Toluene	"	2070	---	99.8	"	"	--	"	104%	(80-125)	--	--	"	
Trichloroethene	"	2040	---	99.8	"	"	--	"	102%	(76-125)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*108%*		*Limits:*	*75-125%*	*0.01x*						*09/26/06 09:27*	
	1,2-DCA-d4		*91.5%*			*75-125%*	*"*						*"*	
	Dibromofluoromethane		*99.0%*			*75-125%*	*"*						*"*	
	Toluene-d8		*102%*			*75-125%*	*"*						*"*	
Matrix Spike (6091034-MS1)							**QC Source: PPI0521-14**						**Extracted: 09/25/06 15:45**	
Benzene	EPA 8260B	2360	---	22.1	ug/kg dry	1x	53.0	2210	104%	(68.5-125)	--	--	09/26/06 09:54	
Chlorobenzene	"	2080	---	110	"	"	ND	"	94.1%	(65.9-125)	--	--	"	
1,1-Dichloroethene	"	2240	---	110	"	"	ND	"	101%	(55.8-125)	--	--	"	
Toluene	"	2320	---	110	"	"	188	"	96.5%	(70.3-125)	--	--	"	
Trichloroethene	"	2160	---	110	"	"	ND	"	97.7%	(65.5-125)	--	--	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*101%*		*Limits:*	*75-125%*	*0.01x*						*09/26/06 09:54*	
	1,2-DCA-d4		*87.8%*			*75-125%*	*"*						*"*	
	Dibromofluoromethane		*91.4%*			*75-125%*	*"*						*"*	
	Toluene-d8		*95.5%*			*75-125%*	*"*						*"*	
Matrix Spike Dup (6091034-MSD1)							**QC Source: PPI0521-14**						**Extracted: 09/25/06 15:45**	
Benzene	EPA 8260B	2340	---	22.1	ug/kg dry	1x	53.0	2210	103%	(68.5-125)	0.851%	(25)	09/26/06 10:21	
Chlorobenzene	"	2020	---	110	"	"	ND	"	91.4%	(65.9-125)	2.93%	"	"	
1,1-Dichloroethene	"	2260	---	110	"	"	ND	"	102%	(55.8-125)	0.889%	"	"	
Toluene	"	2300	---	110	"	"	188	"	95.6%	(70.3-125)	0.866%	"	"	
Trichloroethene	"	2150	---	110	"	"	ND	"	97.3%	(65.5-125)	0.464%	"	"	
Surrogate(s):	*4-BFB*	*Recovery:*	*102%*		*Limits:*	*75-125%*	*0.01x*						*09/26/06 10:21*	
	1,2-DCA-d4		*84.6%*			*75-125%*	*"*						*"*	
	Dibromofluoromethane		*92.8%*			*75-125%*	*"*						*"*	
	Toluene-d8		*95.0%*			*75-125%*	*"*						*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090913 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090913-BLK1)									Extracted: 09/22/06 10:18					
Acenaphthene	EPA 8270C	ND	---	0.330	mg/kg wet	1x	--	--	--	--	--	--	09/25/06 20:09	
Acenaphthylene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090913 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090913-BLK1)							**Extracted: 09/22/06 10:18**							
Fluorene	EPA 8270C	ND	---	0.330	mg/kg wet	1x	--	--	--	--	--	--	09/25/06 20:09	
Hexachlorobenzene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	0.999	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	0.330	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 83.2%*	*Limits: 30-115%*	"	*09/25/06 20:09*
	2-Fluorophenol	*52.8%*	*25-121%*	"	"
	Nitrobenzene-d5	*80.0%*	*23-120%*	"	"
	Phenol-d6	*65.6%*	*24-113%*	"	"
	p-Terphenyl-d14	*86.4%*	*18-137%*	"	"
	2,4,6-Tribromophenol	*81.2%*	*19-122%*	"	"

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090913 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6090913-BS1)									Extracted: 09/22/06 10:18					
Acenaphthene	EPA 8270C	1.85	---	0.330	mg/kg wet	1x	--	2.50	74.0%	(46-120)	--	--	09/25/06 20:55	
4-Chloro-3-methylphenol	"	3.72	---	0.330	"	"	--	4.99	74.5%	(36-138)	--	--	"	
2-Chlorophenol	"	3.38	---	0.330	"	"	--	"	67.7%	(18-137)	--	--	"	
1,4-Dichlorobenzene	"	1.74	---	0.999	"	"	--	2.50	69.6%	(7-135)	--	--	"	
2,4-Dinitrotoluene	"	1.88	---	0.499	"	"	--	"	75.2%	(49-125)	--	--	"	
4-Nitrophenol	"	3.95	---	0.999	"	"	--	4.99	79.2%	(40-148)	--	--	"	
N-Nitrosodi-n-propylamine	"	1.92	---	0.330	"	"	--	2.50	76.8%	(20-138)	--	--	"	
Pentachlorophenol	"	3.74	---	0.999	"	"	--	4.99	74.9%	(22-129)	--	--	"	
Phenol	"	4.23	---	0.330	"	"	--	"	84.8%	(37-122)	--	--	"	
Pyrene	"	1.93	---	0.330	"	"	--	2.50	77.2%	(26-143)	--	--	"	
1,2,4-Trichlorobenzene	"	1.87	---	0.999	"	"	--	"	74.8%	(25-129)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 78.8%*			*Limits: 30-115%*	"							*09/25/06 20:55*	
2-Fluorophenol		*57.1%*			*25-121%*	"							"	
Nitrobenzene-d5		*80.0%*			*23-120%*	"							"	
Phenol-d6		*65.1%*			*24-113%*	"							"	
p-Terphenyl-d14		*86.0%*			*18-137%*	"							"	
2,4,6-Tribromophenol		*84.6%*			*19-122%*	"							"	
Matrix Spike (6090913-MS1)							QC Source: PPI0666-04		Extracted: 09/22/06 10:18					
Acenaphthene	EPA 8270C	2.38	---	1.55	mg/kg dry	4x	0.149	2.93	76.1%	(26-150)	--	--	09/25/06 22:26	
4-Chloro-3-methylphenol	"	4.59	---	1.55	"	"	ND	5.86	78.3%	"	--	--	"	
2-Chlorophenol	"	4.18	---	1.55	"	"	ND	"	71.3%	(8-150)	--	--	"	
1,4-Dichlorobenzene	"	2.07	---	4.69	"	"	ND	2.93	70.6%	(4-150)	--	--	"	
2,4-Dinitrotoluene	"	2.05	---	2.34	"	"	ND	"	70.0%	(32-150)	--	--	"	
4-Nitrophenol	"	4.08	---	4.69	"	"	ND	5.86	69.6%	(20-175)	--	--	"	
N-Nitrosodi-n-propylamine	"	2.14	---	1.55	"	"	ND	2.93	73.0%	(10-150)	--	--	"	
Pentachlorophenol	"	4.07	---	4.69	"	"	ND	5.86	69.5%	(12-150)	--	--	"	
Phenol	"	4.04	---	1.55	"	"	ND	"	68.9%	(17-150)	--	--	"	
Pyrene	"	4.07	---	1.55	"	"	0.915	2.93	108%	(16-175)	--	--	"	
1,2,4-Trichlorobenzene	"	2.07	---	4.69	"	"	ND	"	70.6%	(18-150)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 76.5%*			*Limits: 30-115%*	"							*09/25/06 22:26*	
2-Fluorophenol		*69.1%*			*25-121%*	"							"	
Nitrobenzene-d5		*70.0%*			*23-120%*	"							"	
Phenol-d6		*78.3%*			*24-113%*	"							"	
p-Terphenyl-d14		*91.1%*			*18-137%*	"							"	
2,4,6-Tribromophenol		*86.0%*			*19-122%*	"							"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090913 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6090913-MSD1)					**QC Source: PPI0666-04**				**Extracted: 09/22/06 10:18**					
Acenaphthene	EPA 8270C	2.51	---	1.55	mg/kg dry	4x	0.149	2.93	80.6%	(26-150)	5.32%	(60)	09/25/06 23:11	
4-Chloro-3-methylphenol	"	4.47	---	1.55	"	"	ND	5.86	76.3%	"	2.65%	"	"	
2-Chlorophenol	"	4.38	---	1.55	"	"	ND	"	74.7%	(8-150)	4.67%	"	"	
1,4-Dichlorobenzene	"	2.18	---	4.69	"	"	ND	2.93	74.4%	(4-150)	5.18%	"	"	
2,4-Dinitrotoluene	"	1.94	---	2.34	"	"	ND	"	66.2%	(32-150)	5.51%	"	"	
4-Nitrophenol	"	3.79	---	4.69	"	"	ND	5.86	64.7%	(20-175)	7.37%	"	"	
N-Nitrosodi-n-propylamine	"	2.33	---	1.55	"	"	ND	2.93	79.5%	(10-150)	8.50%	"	"	
Pentachlorophenol	"	4.34	---	4.69	"	"	ND	5.86	74.1%	(12-150)	6.42%	"	"	
Phenol	"	4.19	---	1.55	"	"	ND	"	71.5%	(17-150)	3.65%	"	"	
Pyrene	"	2.95	---	1.55	"	"	0.915	2.93	69.5%	(16-175)	31.9%	"	"	
1,2,4-Trichlorobenzene	"	2.28	---	4.69	"	"	ND	"	77.8%	(18-150)	9.66%	"	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 79.5%*			*Limits: 30-115%*	"							*09/25/06 23:11*	
2-Fluorophenol		*74.9%*			*25-121%*	"							"	
Nitrobenzene-d5		*74.1%*			*23-120%*	"							"	
Phenol-d6		*81.2%*			*24-113%*	"							"	
p-Terphenyl-d14		*88.4%*			*18-137%*	"							"	
2,4,6-Tribromophenol		*85.8%*			*19-122%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6091031 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6091031-BLK1)							**Extracted: 09/25/06 21:15**							
Acenaphthene	EPA 8270m	ND	---	13.3	ug/kg wet	1x	--	--	--	--	--	--	10/02/06 20:25	
Acenaphthylene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	66.3	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*77.8%*		*Limits:*	*32-134%*	*"*						*10/02/06 20:25*	
	2,4,6-Tribromophenol		*49.1%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*90.9%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*89.0%*			*36-145%*	*"*						*"*	
LCS (6091031-BS1)							**Extracted: 09/25/06 21:15**							
Acenaphthene	EPA 8270m	134	---	13.2	ug/kg wet	1x	--	164	81.7%	(33-139)	--	--	10/02/06 19:54	
Benzo (a) pyrene	"	148	---	13.2	"	"	--	"	90.2%	(45-149)	--	--	"	
Pentachlorophenol	"	184	---	66.0	"	"	--	329	55.9%	(14-176)	--	--	"	
Pyrene	"	144	---	13.2	"	"	--	164	87.8%	(39-138)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*76.6%*		*Limits:*	*32-134%*	*"*						*10/02/06 19:54*	
	2,4,6-Tribromophenol		*78.8%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*87.9%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*89.3%*			*36-145%*	*"*						*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6091031 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6091031-MS1)				QC Source: PPI0892-08				Extracted: 09/25/06 21:15						R-05
Acenaphthene	EPA 8270m	470	---	168	ug/kg dry	10x	432	208	18.3%	(33-139)	--	--	10/03/06 14:41	Q-01
Benzo (a) pyrene	"	169	---	168	"	"	ND	"	81.2%	(45-149)	--	--	"	
Pentachlorophenol	"	233	---	838	"	"	ND	417	55.9%	(14-176)	--	--	"	
Pyrene	"	305	---	168	"	"	196	208	52.4%	(39-138)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*91.2%*		*Limits:*	*32-134%*	"						*10/03/06 14:41*	
	2,4,6-Tribromophenol		*63.4%*			*10-150%*	"						"	*J*
	Pyrene-d10		*110%*			*41-152%*	"						"	
	Benzo (a) pyrene-d12		*84.0%*			*36-145%*	"						"	
Matrix Spike Dup (6091031-MSD1)				QC Source: PPI0892-08				Extracted: 09/25/06 21:15						R-05
Acenaphthene	EPA 8270m	505	---	167	ug/kg dry	10x	432	208	35.1%	(33-139)	7.18%	(50)	10/03/06 15:12	
Benzo (a) pyrene	"	168	---	167	"	"	ND	"	80.8%	(45-149)	0.593%	"	"	
Pentachlorophenol	"	238	---	836	"	"	ND	416	57.2%	(14-176)	2.12%	(60)	"	
Pyrene	"	319	---	167	"	"	196	208	59.1%	(39-138)	4.49%	(50)	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*103%*		*Limits:*	*32-134%*	"						*10/03/06 15:12*	
	2,4,6-Tribromophenol		*73.8%*			*10-150%*	"						"	*J*
	Pyrene-d10		*109%*			*41-152%*	"						"	
	Benzo (a) pyrene-d12		*84.8%*			*36-145%*	"						"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Percent Dry Weight (Solids) per Standard Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090589 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (6090589-DUP1)					**QC Source: PPI0521-01**				**Extracted: 09/15/06 08:09**					
% Solids	NCA SOP	87.6	---	0.00	% by Weight	1x	86.1	--	--	--	1.73%	(20)	09/15/06 08:09	
Duplicate (6090589-DUP2)					**QC Source: PPI0521-02**				**Extracted: 09/15/06 08:09**					
% Solids	NCA SOP	81.5	---	0.00	% by Weight	1x	80.9	--	--	--	0.739%	(20)	09/15/06 08:09	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/06/06 17:09

Notes and Definitions

Report Specific Notes:

A-01	-	Detected hydrocarbons have distinct peaks that have elution patterns similar to that of PAH's, and possibly biogenic interference.
A-01a	-	Detected hydrocarbons have distinct peaks that have elution patterns similar to that of PAH's.
A-02	-	The detected hydrocarbons appear to be due to weathered diesel as well as heavy/oil range overlap.
D-19	-	Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
J	-	Estimated value.
Q-01	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch.
Q-14	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of control limits due to a non-homogeneous sample matrix.
R-05	-	Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
S-01	-	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Sarah Rockwell

Sarah Rockwell, Project Manager

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October 26, 2006

R. Scott Miller
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 09/14/06 10:00. The following list is a summary of the Work Orders contained in this report, generated on 10/26/06 16:07.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPI0520	Jeld Wen- Nord Door	008.0228.00018

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP201-GW	PPI0520-01	Water	09/11/06 12:20	09/14/06 10:00
GP202-P	PPI0520-02	Water	09/11/06 13:35	09/14/06 10:00
GP204-GW	PPI0520-04	Water	09/11/06 15:00	09/14/06 10:00
GP205-GW	PPI0520-05	Water	09/12/06 12:00	09/14/06 10:00
GP207-GW	PPI0520-06	Water	09/11/06 14:25	09/14/06 10:00
GP208-GW	PPI0520-08	Water	09/12/06 15:15	09/14/06 10:00
GP209-GW	PPI0520-09	Water	09/12/06 16:50	09/14/06 10:00
GP210-GW	PPI0520-10	Water	09/12/06 17:10	09/14/06 10:00
GP211-GW	PPI0520-11	Water	09/11/06 16:00	09/14/06 10:00
GP212-GW	PPI0520-12	Water	09/11/06 17:10	09/14/06 10:00
GP214-GW	PPI0520-13	Water	09/12/06 10:30	09/14/06 10:00
GP215-GW	PPI0520-14	Water	09/12/06 11:00	09/14/06 10:00
GP206-P	PPI0520-16	Other wet	09/11/06 13:40	09/14/06 10:00

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Analytical Case Narrative

TestAmerica - Portland, OR

PPI0520

8270M SIM PAH/PCP

Sample GP206-P was spiked incorrectly during extraction process. The SIM PAH spike was not included in the Blank Spike. All PCP QC is valid and all surrogates were added correctly. Corrective action performed by re-extracting sample. Re-extraction was done outside of hold time. Both sets of data are reported.

No additional anomalies or discrepancies were associated with this analysis other than those already qualified in the data.

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-01 (GP201-GW)		**Water**				**Sampled: 09/11/06 12:20**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6090556	09/14/06 14:30	09/14/06 22:40	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*72.5%*		*50 - 150 %*	"			"	
PPI0520-04 (GP204-GW)		**Water**				**Sampled: 09/11/06 15:00**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6090556	09/14/06 14:30	09/15/06 02:46	
Diesel Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**D-17**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**A-05**
Surrogate(s): 1-Chlorooctadecane			*53.1%*		*50 - 150 %*	"			"	
PPI0520-05 (GP205-GW)		**Water**				**Sampled: 09/12/06 12:00**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6090556	09/14/06 14:30	09/14/06 23:15	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*51.8%*		*50 - 150 %*	"			"	
PPI0520-08 (GP208-GW)		**Water**				**Sampled: 09/12/06 15:15**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.238	mg/l	1x	6090556	09/14/06 14:30	09/15/06 03:55	**A-04**
Diesel Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**A-03, A-04**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**A-03**
Surrogate(s): 1-Chlorooctadecane			*25.8%*		*50 - 150 %*	"			"	***S-09***
PPI0520-09 (GP209-GW)		**Water**				**Sampled: 09/12/06 16:50**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6090556	09/14/06 14:30	09/14/06 23:51	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*48.7%*		*50 - 150 %*	"			"	***S-09***
PPI0520-10 (GP210-GW)		**Water**				**Sampled: 09/12/06 17:10**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6090556	09/14/06 14:30	09/15/06 00:26	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*63.7%*		*50 - 150 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-11 (GP211-GW)		**Water**				**Sampled: 09/11/06 16:00**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6090556	09/14/06 14:30	09/15/06 01:01	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*64.3%*		*50 - 150 %*	"			"	
PPI0520-12 (GP212-GW)		**Water**				**Sampled: 09/11/06 17:10**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6090556	09/14/06 14:30	09/15/06 01:36	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*69.2%*		*50 - 150 %*	"			"	
PPI0520-13 (GP214-GW)		**Water**				**Sampled: 09/12/06 10:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.238	mg/l	1x	6090556	09/14/06 14:30	09/15/06 03:21	**A-03**
Diesel Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**A-03**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**A-03**
Surrogate(s): 1-Chlorooctadecane			*84.9%*		*50 - 150 %*	"			"	
PPI0520-14 (GP215-GW)		**Water**				**Sampled: 09/12/06 11:00**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	0.238	mg/l	1x	6090556	09/14/06 14:30	09/15/06 02:11	**A-03**
Diesel Range Hydrocarbons	"	**DET**	-----	0.600	"	"	"	"	"	**A-03**
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*81.9%*		*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Gasoline Hydrocarbons per NW TPH-Gx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-13RE1 (GP214-GW)		**Water**			**Sampled: 09/12/06 10:30**					**R-16**
Gasoline Range Hydrocarbons	NW TPH-Gx	**4380**	-----	160	ug/l	2x	6090747	09/18/06 10:15	09/19/06 13:02	
Surrogate(s): 4-BFB			*96.0%*		*50 - 150 %*	*1x*			"	
PPI0520-14RE1 (GP215-GW)		**Water**			**Sampled: 09/12/06 11:00**					**R-16**
Gasoline Range Hydrocarbons	NW TPH-Gx	**2580**	-----	160	ug/l	2x	6090747	09/18/06 10:15	09/19/06 13:28	
Surrogate(s): 4-BFB			*94.2%*		*50 - 150 %*	*1x*			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-04 (GP204-GW)		**Water**			**Sampled: 09/11/06 15:00**					
Diesel Range Organics	NWTPH-Dx	**2.99**	-----	0.476	mg/l	1x	6090556	09/14/06 14:30	09/19/06 15:26	**A-07**
Heavy Oil Range Hydrocarbons	"	**3.99**	-----	0.952	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*53.9%*		*50 - 150 %*	"			"	
PPI0520-08 (GP208-GW)		**Water**			**Sampled: 09/12/06 15:15**					
Diesel Range Organics	NWTPH-Dx	**36.0**	-----	0.476	mg/l	1x	6090556	09/14/06 14:30	09/18/06 13:13	**A-01**
Heavy Oil Range Hydrocarbons	"	**1.92**	-----	0.952	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*27.5%*		*50 - 150 %*	"			"	***S-02***
PPI0520-13 (GP214-GW)		**Water**			**Sampled: 09/12/06 10:30**					
Diesel Range Organics	NWTPH-Dx	**16.8**	-----	0.476	mg/l	1x	6090556	09/14/06 14:30	09/18/06 13:45	**A-01**
Heavy Oil Range Hydrocarbons	"	**1.26**	-----	0.952	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*74.2%*		*50 - 150 %*	"			"	
PPI0520-14 (GP215-GW)		**Water**			**Sampled: 09/12/06 11:00**					
Diesel Range Organics	NWTPH-Dx	**11.5**	-----	0.476	mg/l	1x	6090556	09/14/06 14:30	09/18/06 14:16	**A-01**
Heavy Oil Range Hydrocarbons	"	ND	-----	0.952	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*80.5%*		*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-01 (GP201-GW)		**Water**			**Sampled: 09/11/06 12:20**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6090862	09/21/06 12:42	09/21/06 21:27	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-01 (GP201-GW)		**Water**			**Sampled: 09/11/06 12:20**					
4-Methyl-2-pentanone	EPA 8260B	ND	-----	5.00	ug/l	1x	6090862	09/21/06 12:42	09/21/06 21:27	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*102%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*101%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*102%*			*80 - 120 %*	"			"	
Toluene-d8		*99.5%*			*80 - 120 %*	"			"	
PPI0520-02 (GP202-P)		**Water**			**Sampled: 09/11/06 13:35**					
Acetone	EPA 8260B	ND	-----	2500	ug/l	100x	6090862	09/21/06 12:42	09/22/06 02:44	
Benzene	"	**145**	-----	100	"	"	"	"	"	
Bromobenzene	"	ND	-----	100	"	"	"	"	"	
Bromochloromethane	"	ND	-----	100	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	100	"	"	"	"	"	
Bromoform	"	ND	-----	100	"	"	"	"	"	
Bromomethane	"	ND	-----	500	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1000	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	500	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	100	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	100	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1000	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	100	"	"	"	"	"	
Chlorobenzene	"	ND	-----	100	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-02 (GP202-P)		**Water**			**Sampled: 09/11/06 13:35**					
Chloroethane	EPA 8260B	ND	-----	100	ug/l	100x	6090862	09/21/06 12:42	09/22/06 02:44	
Chloroform	"	ND	-----	100	"	"	"	"	"	
Chloromethane	"	ND	-----	500	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	100	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	100	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	500	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	100	"	"	"	"	"	
Dibromomethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	500	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	100	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	100	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	100	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	100	"	"	"	"	"	
Ethylbenzene	"	**114**	-----	100	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	400	"	"	"	"	"	
2-Hexanone	"	ND	-----	1000	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	200	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	200	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	100	"	"	"	"	"	
Methylene chloride	"	ND	-----	500	"	"	"	"	"	
Naphthalene	"	**11500**	-----	200	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	100	"	"	"	"	"	
Styrene	"	ND	-----	100	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	100	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	100	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	100	"	"	"	"	"	
Toluene	"	**185**	-----	100	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	100	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	100	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-02 (GP202-P)		**Water**			**Sampled: 09/11/06 13:35**					
Trichloroethene	EPA 8260B	ND	-----	100	ug/l	100x	6090862	09/21/06 12:42	09/22/06 02:44	
Trichlorofluoromethane	"	ND	-----	100	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	100	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	100	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	100	"	"	"	"	"	
Vinyl chloride	"	ND	-----	100	"	"	"	"	"	
o-Xylene	"	ND	-----	100	"	"	"	"	"	
m,p-Xylene	"	ND	-----	200	"	"	"	"	"	
Surrogate(s): *4-BFB*			*110%*		*80 - 120 %*	*1x*			"	
1,2-DCA-d4			*99.0%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*98.0%*		*80 - 120 %*	"			"	
Toluene-d8			*102%*		*80 - 120 %*	"			"	
PPI0520-04 (GP204-GW)		**Water**			**Sampled: 09/11/06 15:00**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6090862	09/21/06 12:42	09/21/06 22:25	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-04 (GP204-GW)		**Water**			**Sampled: 09/11/06 15:00**					
1,2-Dichloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	6090862	09/21/06 12:42	09/21/06 22:25	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*99.0%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*102%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*102%*		*80 - 120 %*	"			"	
Toluene-d8			*99.0%*		*80 - 120 %*	"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-05 (GP205-GW)		**Water**			**Sampled: 09/12/06 12:00**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6090862	09/21/06 12:42	09/21/06 22:54	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-05 (GP205-GW)		**Water**			**Sampled: 09/12/06 12:00**					
4-Methyl-2-pentanone	EPA 8260B	ND	-----	5.00	ug/l	1x	6090862	09/21/06 12:42	09/21/06 22:54	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	**1.05**	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*97.5%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*103%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*102%*			*80 - 120 %*	"			"	
Toluene-d8		*98.5%*			*80 - 120 %*	"			"	
PPI0520-06 (GP207-GW)		**Water**			**Sampled: 09/11/06 14:25**					
Acetone	EPA 8260B	ND	-----	1250	ug/l	50x	6090862	09/21/06 12:42	09/22/06 03:43	
Benzene	"	**204**	-----	50.0	"	"	"	"	"	
Bromobenzene	"	ND	-----	50.0	"	"	"	"	"	
Bromochloromethane	"	ND	-----	50.0	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	50.0	"	"	"	"	"	
Bromoform	"	ND	-----	50.0	"	"	"	"	"	
Bromomethane	"	ND	-----	250	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	500	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	250	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	50.0	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	50.0	"	"	"	"	"	
Carbon disulfide	"	ND	-----	500	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	50.0	"	"	"	"	"	
Chlorobenzene	"	ND	-----	50.0	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-06 (GP207-GW)		**Water**			**Sampled: 09/11/06 14:25**					
Chloroethane	EPA 8260B	ND	-----	50.0	ug/l	50x	6090862	09/21/06 12:42	09/22/06 03:43	
Chloroform	"	ND	-----	50.0	"	"	"	"	"	
Chloromethane	"	ND	-----	250	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	50.0	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	50.0	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	250	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	50.0	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	50.0	"	"	"	"	"	
Dibromomethane	"	ND	-----	50.0	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	50.0	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	50.0	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	50.0	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	250	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	50.0	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	50.0	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	50.0	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	50.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	50.0	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	50.0	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	50.0	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	50.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	50.0	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	50.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	50.0	"	"	"	"	"	
Ethylbenzene	"	**222**	-----	50.0	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	200	"	"	"	"	"	
2-Hexanone	"	ND	-----	500	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	100	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	100	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	250	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	50.0	"	"	"	"	"	
Methylene chloride	"	ND	-----	250	"	"	"	"	"	
Naphthalene	"	**12800**	-----	100	"	"	"	"	"	**E**
n-Propylbenzene	"	ND	-----	50.0	"	"	"	"	"	
Styrene	"	ND	-----	50.0	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	50.0	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	50.0	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	50.0	"	"	"	"	"	
Toluene	"	**540**	-----	50.0	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	50.0	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	50.0	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	50.0	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	50.0	"	"	"	"	"	

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-06 (GP207-GW)		**Water**			**Sampled: 09/11/06 14:25**					
Trichloroethene	EPA 8260B	ND	-----	50.0	ug/l	50x	6090862	09/21/06 12:42	09/22/06 03:43	
Trichlorofluoromethane	"	ND	-----	50.0	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	50.0	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	**64.0**	-----	50.0	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	50.0	"	"	"	"	"	
Vinyl chloride	"	ND	-----	50.0	"	"	"	"	"	
o-Xylene	"	**111**	-----	50.0	"	"	"	"	"	
m,p-Xylene	"	**232**	-----	100	"	"	"	"	"	
Surrogate(s): *4-BFB*			*82.5%*		*80 - 120 %*	*1x*			*"*	
1,2-DCA-d4			*83.0%*		*80 - 120 %*	*"*			*"*	
Dibromofluoromethane			*83.0%*		*80 - 120 %*	*"*			*"*	
Toluene-d8			*83.0%*		*80 - 120 %*	*"*			*"*	
PPI0520-08 (GP208-GW)		**Water**			**Sampled: 09/12/06 15:15**					
Acetone	EPA 8260B	ND	-----	2500	ug/l	100x	6090862	09/21/06 12:42	09/22/06 03:14	
Benzene	"	ND	-----	100	"	"	"	"	"	
Bromobenzene	"	ND	-----	100	"	"	"	"	"	
Bromochloromethane	"	ND	-----	100	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	100	"	"	"	"	"	
Bromoform	"	ND	-----	100	"	"	"	"	"	
Bromomethane	"	ND	-----	500	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1000	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	500	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	100	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	100	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1000	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	100	"	"	"	"	"	
Chlorobenzene	"	ND	-----	100	"	"	"	"	"	
Chloroethane	"	ND	-----	100	"	"	"	"	"	
Chloroform	"	ND	-----	100	"	"	"	"	"	
Chloromethane	"	ND	-----	500	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	100	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	100	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	500	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	100	"	"	"	"	"	
Dibromomethane	"	ND	-----	100	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	100	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	500	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	100	"	"	"	"	"	

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-08 (GP208-GW)		**Water**			**Sampled: 09/12/06 15:15**					
1,2-Dichloroethane	EPA 8260B	ND	-----	100	ug/l	100x	6090862	09/21/06 12:42	09/22/06 03:14	
1,1-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	100	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	100	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	100	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	100	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	100	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	400	"	"	"	"	"	
2-Hexanone	"	ND	-----	1000	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	200	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	200	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	500	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	100	"	"	"	"	"	
Methylene chloride	"	ND	-----	500	"	"	"	"	"	
Naphthalene	"	**11400**	-----	200	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	100	"	"	"	"	"	
Styrene	"	ND	-----	100	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	100	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	100	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	100	"	"	"	"	"	
Toluene	"	**121**	-----	100	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	100	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	100	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	100	"	"	"	"	"	
Trichloroethene	"	ND	-----	100	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	100	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	100	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	100	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	100	"	"	"	"	"	
Vinyl chloride	"	ND	-----	100	"	"	"	"	"	
o-Xylene	"	ND	-----	100	"	"	"	"	"	
m,p-Xylene	"	ND	-----	200	"	"	"	"	"	
Surrogate(s): *4-BFB*			*108%*		*80 - 120 %*	*1x*			*"*	
1,2-DCA-d4			*106%*		*80 - 120 %*	*"*			*"*	
Dibromofluoromethane			*108%*		*80 - 120 %*	*"*			*"*	
Toluene-d8			*109%*		*80 - 120 %*	*"*			*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-09 (GP209-GW)		**Water**			**Sampled: 09/12/06 16:50**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6090949	09/23/06 09:44	09/23/06 16:43	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-09 (GP209-GW)		**Water**				**Sampled: 09/12/06 16:50**				
4-Methyl-2-pentanone	EPA 8260B	ND	-----	5.00	ug/l	1x	6090949	09/23/06 09:44	09/23/06 16:43	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB			*84.0%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*97.5%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*95.0%*		*80 - 120 %*	"			"	
Toluene-d8			*91.0%*		*80 - 120 %*	"			"	
PPI0520-10 (GP210-GW)		**Water**				**Sampled: 09/12/06 17:10**				
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6090949	09/23/06 09:44	09/23/06 17:12	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-10 (GP210-GW)		**Water**			**Sampled: 09/12/06 17:10**					
Chloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	6090949	09/23/06 09:44	09/23/06 17:12	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-10 (GP210-GW)		**Water**			**Sampled: 09/12/06 17:10**					
Trichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	6090949	09/23/06 09:44	09/23/06 17:12	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB			*88.5%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*106%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*102%*		*80 - 120 %*	"			"	
Toluene-d8			*100%*		*80 - 120 %*	"			"	
PPI0520-11 (GP211-GW)		**Water**			**Sampled: 09/11/06 16:00**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6090949	09/23/06 09:44	09/23/06 17:40	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-11 (GP211-GW)		**Water**			**Sampled: 09/11/06 16:00**					
1,2-Dichloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	6090949	09/23/06 09:44	09/23/06 17:40	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*85.5%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*104%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*99.0%*		*80 - 120 %*	"			"	
Toluene-d8			*96.0%*		*80 - 120 %*	"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-12 (GP212-GW)		**Water**			**Sampled: 09/11/06 17:10**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6090949	09/23/06 09:44	09/23/06 18:09	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-12 (GP212-GW)		**Water**			**Sampled: 09/11/06 17:10**					
4-Methyl-2-pentanone	EPA 8260B	ND	-----	5.00	ug/l	1x	6090949	09/23/06 09:44	09/23/06 18:09	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB		*85.0%*			*80 - 120 %*	"			"	
1,2-DCA-d4		*104%*			*80 - 120 %*	"			"	
Dibromofluoromethane		*100%*			*80 - 120 %*	"			"	
Toluene-d8		*94.5%*			*80 - 120 %*	"			"	
PPI0520-13 (GP214-GW)		**Water**			**Sampled: 09/12/06 10:30**					
Acetone	EPA 8260B	ND	-----	1250	ug/l	50x	6090862	09/21/06 12:42	09/22/06 02:16	
Benzene	"	ND	-----	50.0	"	"	"	"	"	
Bromobenzene	"	ND	-----	50.0	"	"	"	"	"	
Bromochloromethane	"	ND	-----	50.0	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	50.0	"	"	"	"	"	
Bromoform	"	ND	-----	50.0	"	"	"	"	"	
Bromomethane	"	ND	-----	250	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	500	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	250	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	50.0	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	50.0	"	"	"	"	"	
Carbon disulfide	"	ND	-----	500	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	50.0	"	"	"	"	"	
Chlorobenzene	"	ND	-----	50.0	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-13 (GP214-GW)		**Water**			**Sampled: 09/12/06 10:30**					
Chloroethane	EPA 8260B	ND	-----	50.0	ug/l	50x	6090862	09/21/06 12:42	09/22/06 02:16	
Chloroform	"	ND	-----	50.0	"	"	"	"	"	
Chloromethane	"	ND	-----	250	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	50.0	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	50.0	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	250	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	50.0	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	50.0	"	"	"	"	"	
Dibromomethane	"	ND	-----	50.0	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	50.0	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	50.0	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	50.0	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	250	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	50.0	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	50.0	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	50.0	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	50.0	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	50.0	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	50.0	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	50.0	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	50.0	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	50.0	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	50.0	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	50.0	"	"	"	"	"	
Ethylbenzene	"	ND	-----	50.0	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	200	"	"	"	"	"	
2-Hexanone	"	ND	-----	500	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	100	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	100	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	250	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	50.0	"	"	"	"	"	
Methylene chloride	"	ND	-----	250	"	"	"	"	"	
Naphthalene	"	**7140**	-----	100	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	50.0	"	"	"	"	"	
Styrene	"	ND	-----	50.0	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	50.0	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	50.0	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	50.0	"	"	"	"	"	
Toluene	"	ND	-----	50.0	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	50.0	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	50.0	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	50.0	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	50.0	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-13 (GP214-GW)		**Water**			**Sampled: 09/12/06 10:30**					
Trichloroethene	EPA 8260B	ND	-----	50.0	ug/l	50x	6090862	09/21/06 12:42	09/22/06 02:16	
Trichlorofluoromethane	"	ND	-----	50.0	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	50.0	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	50.0	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	50.0	"	"	"	"	"	
Vinyl chloride	"	ND	-----	50.0	"	"	"	"	"	
o-Xylene	"	ND	-----	50.0	"	"	"	"	"	
m,p-Xylene	"	ND	-----	100	"	"	"	"	"	
Surrogate(s): 4-BFB			*84.5%*		*80 - 120 %*	*1x*			"	
1,2-DCA-d4			*83.0%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*84.0%*		*80 - 120 %*	"			"	
Toluene-d8			*83.5%*		*80 - 120 %*	"			"	
PPI0520-14 (GP215-GW)		**Water**			**Sampled: 09/12/06 11:00**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6090949	09/23/06 09:44	09/23/06 18:38	
Benzene	"	**66.3**	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-14 (GP215-GW)		**Water**			**Sampled: 09/12/06 11:00**					
1,2-Dichloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	6090949	09/23/06 09:44	09/23/06 18:38	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	**77.8**	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	**6.72**	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	**474**	-----	2.00	"	"	"	"	"	**E**
n-Propylbenzene	"	**1.49**	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	**1.18**	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	**33.0**	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	**1.03**	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	**6.74**	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	**29.2**	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB			*99.0%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*96.5%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*94.5%*		*80 - 120 %*	"			"	
Toluene-d8			*94.0%*		*80 - 120 %*	"			"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-16 (GP206-P)		**Other wet**			**Sampled: 09/11/06 13:40**					
Acetone	EPA 8260B	ND	-----	969000	ug/kg wet	50x	6090657	09/15/06 12:30	09/20/06 20:19	
Benzene	"	ND	-----	7750	"	"	"	"	"	
Bromobenzene	"	ND	-----	38800	"	"	"	"	"	
Bromochloromethane	"	ND	-----	38800	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	38800	"	"	"	"	"	
Bromoform	"	ND	-----	38800	"	"	"	"	"	
Bromomethane	"	ND	-----	194000	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	388000	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	194000	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	38800	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	38800	"	"	"	"	"	
Carbon disulfide	"	ND	-----	388000	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	38800	"	"	"	"	"	
Chlorobenzene	"	ND	-----	38800	"	"	"	"	"	
Chloroethane	"	ND	-----	38800	"	"	"	"	"	
Chloroform	"	ND	-----	38800	"	"	"	"	"	
Chloromethane	"	ND	-----	194000	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	38800	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	38800	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	194000	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	38800	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	38800	"	"	"	"	"	
Dibromomethane	"	ND	-----	38800	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	38800	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	38800	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	38800	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	194000	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	38800	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	38800	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	38800	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	38800	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	38800	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	38800	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	38800	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	38800	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	38800	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	38800	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	38800	"	"	"	"	"	
Ethylbenzene	"	ND	-----	38800	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	155000	"	"	"	"	"	
2-Hexanone	"	ND	-----	388000	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	77500	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	77500	"	"	"	"	"	

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-16 (GP206-P)		**Other wet**			**Sampled: 09/11/06 13:40**					
4-Methyl-2-pentanone	EPA 8260B	ND	-----	194000	ug/kg wet	50x	6090657	09/15/06 12:30	09/20/06 20:19	
Methyl tert-butyl ether	"	ND	-----	38800	"	"	"	"	"	
Methylene chloride	"	ND	-----	194000	"	"	"	"	"	
Naphthalene	"	**3560000**	-----	77500	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	38800	"	"	"	"	"	
Styrene	"	ND	-----	38800	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	38800	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	38800	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	38800	"	"	"	"	"	
Toluene	"	ND	-----	38800	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	38800	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	38800	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	38800	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	38800	"	"	"	"	"	
Trichloroethene	"	ND	-----	38800	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	38800	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	38800	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	38800	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	38800	"	"	"	"	"	
Vinyl chloride	"	ND	-----	38800	"	"	"	"	"	
o-Xylene	"	ND	-----	38800	"	"	"	"	"	
m,p-Xylene	"	ND	-----	77500	"	"	"	"	"	
Surrogate(s): 4-BFB			*92.3%*		*75 - 125 %*	*0.01x*			"	
1,2-DCA-d4			*84.5%*		*75 - 125 %*	"			"	
Dibromofluoromethane			*83.2%*		*75 - 125 %*	"			"	
Toluene-d8			*92.3%*		*75 - 125 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-13 (GP214-GW)		**Water**			**Sampled: 09/12/06 10:30**					**R-05**
Carbazole	EPA 8270C	**239**	-----	47.2	ug/l	10x	6090752	09/19/06 16:40	09/22/06 23:11	
Acenaphthene	"	**363**	-----	47.2	"	"	"	"	"	
Acenaphthylene	"	ND	-----	47.2	"	"	"	"	"	
Anthracene	"	ND	-----	47.2	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	47.2	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	47.2	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	47.2	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	47.2	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	47.2	"	"	"	"	"	
Benzoic Acid	"	ND	-----	472	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	94.3	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	47.2	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	47.2	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	189	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	94.3	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	47.2	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	94.3	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	47.2	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	47.2	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	47.2	"	"	"	"	"	
Chrysene	"	ND	-----	47.2	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	47.2	"	"	"	"	"	
Dibenzofuran	"	**115**	-----	47.2	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	47.2	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	47.2	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	94.3	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	94.3	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	236	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	47.2	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	47.2	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	94.3	"	"	"	"	"	
Fluoranthene	"	**83.9**	-----	47.2	"	"	"	"	"	
Fluorene	"	**103**	-----	47.2	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	94.3	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-13 (GP214-GW)		**Water**			**Sampled: 09/12/06 10:30**					**R-05**
Hexachlorocyclopentadiene	EPA 8270C	ND	-----	94.3	ug/l	10x	6090752	09/19/06 16:40	09/22/06 23:11	
Hexachloroethane	"	ND	-----	94.3	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	47.2	"	"	"	"	"	
Isophorone	"	ND	-----	47.2	"	"	"	"	"	
2-Methylnaphthalene	"	**514**	-----	47.2	"	"	"	"	"	
2-Methylphenol	"	ND	-----	94.3	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	47.2	"	"	"	"	"	
Naphthalene	"	**1320**	-----	47.2	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	47.2	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	94.3	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	94.3	"	"	"	"	"	
Nitrobenzene	"	ND	-----	47.2	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	47.2	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	236	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	94.3	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	47.2	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	94.3	"	"	"	"	"	
Phenanthrene	"	**243**	-----	47.2	"	"	"	"	"	
Phenol	"	ND	-----	47.2	"	"	"	"	"	
Pyrene	"	**59.7**	-----	47.2	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	47.2	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	47.2	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*72.2%*		*22 - 120 %*	"				"	
2-Fluorophenol		*76.8%*		*5 - 120 %*	"				"	
Nitrobenzene-d5		*76.1%*		*26 - 127 %*	"				"	
Phenol-d6		*83.1%*		*4 - 121 %*	"				"	
p-Terphenyl-d14		*87.7%*		*37 - 130 %*	"				"	
2,4,6-Tribromophenol		*85.9%*		*21 - 129 %*	"				"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-14 (GP215-GW)		**Water**			**Sampled: 09/12/06 11:00**					**R-05**
Carbazole	EPA 8270C	**394**	-----	47.2	ug/l	10x	6090752	09/19/06 16:40	09/22/06 23:57	
Acenaphthene	"	**295**	-----	47.2	"	"	"	"	"	
Acenaphthylene	"	ND	-----	47.2	"	"	"	"	"	
Anthracene	"	ND	-----	47.2	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	47.2	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	47.2	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	47.2	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	47.2	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	47.2	"	"	"	"	"	
Benzoic Acid	"	ND	-----	472	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	94.3	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	47.2	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	47.2	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	189	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	94.3	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	47.2	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	94.3	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	47.2	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	47.2	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	47.2	"	"	"	"	"	
Chrysene	"	ND	-----	47.2	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	47.2	"	"	"	"	"	
Dibenzofuran	"	**65.4**	-----	47.2	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	47.2	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	47.2	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	94.3	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	47.2	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	94.3	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	236	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	47.2	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	47.2	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	94.3	"	"	"	"	"	
Fluoranthene	"	ND	-----	47.2	"	"	"	"	"	
Fluorene	"	ND	-----	47.2	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	94.3	"	"	"	"	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-14 (GP215-GW)		**Water**			**Sampled: 09/12/06 11:00**					**R-05**
Hexachlorocyclopentadiene	EPA 8270C	ND	-----	94.3	ug/l	10x	6090752	09/19/06 16:40	09/22/06 23:57	
Hexachloroethane	"	ND	-----	94.3	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	47.2	"	"	"	"	"	
Isophorone	"	ND	-----	47.2	"	"	"	"	"	
2-Methylnaphthalene	"	**548**	-----	47.2	"	"	"	"	"	
2-Methylphenol	"	ND	-----	94.3	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	47.2	"	"	"	"	"	
Naphthalene	"	**619**	-----	47.2	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	47.2	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	94.3	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	94.3	"	"	"	"	"	
Nitrobenzene	"	ND	-----	47.2	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	47.2	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	236	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	94.3	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	47.2	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	94.3	"	"	"	"	"	
Phenanthrene	"	ND	-----	47.2	"	"	"	"	"	
Phenol	"	ND	-----	47.2	"	"	"	"	"	
Pyrene	"	ND	-----	47.2	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	47.2	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	47.2	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	47.2	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*			*69.9%*		*22 - 120 %*	"			"	
2-Fluorophenol			*85.2%*		*5 - 120 %*	"			"	
Nitrobenzene-d5			*79.9%*		*26 - 127 %*	"			"	
Phenol-d6			*90.8%*		*4 - 121 %*	"			"	
p-Terphenyl-d14			*92.1%*		*37 - 130 %*	"			"	
2,4,6-Tribromophenol			*90.8%*		*21 - 129 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-04 (GP204-GW)		**Water**			**Sampled: 09/11/06 15:00**					
Acenaphthene	EPA 8270m	**0.110**	-----	0.0943	ug/l	1x	6090691	09/18/06 15:45	09/26/06 20:18	
Acenaphthylene	"	ND	-----	0.0943	"	"	"	"	"	
Anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0943	"	"	"	"	"	
Chrysene	"	ND	-----	0.0943	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.189	"	"	"	"	"	
Fluoranthene	"	**0.218**	-----	0.0943	"	"	"	"	"	
Fluorene	"	ND	-----	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Naphthalene	"	**0.122**	-----	0.0943	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	0.943	"	"	"	"	"	
Phenanthrene	"	ND	-----	0.0943	"	"	"	"	"	
Pyrene	"	**0.211**	-----	0.0943	"	"	"	"	"	
Surrogate(s): *Fluorene-d10*			*68.6%*		*25 - 125 %*	"			"	
2,4,6-Tribromophenol			*89.4%*		*5 - 157 %*	"			"	
Pyrene-d10			*68.2%*		*23 - 150 %*	"			"	
Benzo (a) pyrene-d12			*64.4%*		*10 - 125 %*	"			"	
PPI0520-08 (GP208-GW)		**Water**			**Sampled: 09/12/06 15:15**					**R-05**
Acenaphthene	EPA 8270m	**437**	-----	4.72	ug/l	50x	6090691	09/18/06 15:45	09/26/06 18:44	
Acenaphthylene	"	ND	-----	11.8	"	"	"	"	"	**R-03**
Anthracene	"	**88.7**	-----	4.72	"	"	"	"	"	
Benzo (a) anthracene	"	**47.6**	-----	4.72	"	"	"	"	"	
Benzo (a) pyrene	"	**27.4**	-----	4.72	"	"	"	"	"	
Benzo (b) fluoranthene	"	**27.5**	-----	4.72	"	"	"	"	"	
Benzo (k) fluoranthene	"	**24.3**	-----	4.72	"	"	"	"	"	
Benzo (ghi) perylene	"	**10.1**	-----	4.72	"	"	"	"	"	
Chrysene	"	**56.1**	-----	4.72	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	9.43	"	"	"	"	"	
Fluoranthene	"	**191**	-----	4.72	"	"	"	"	"	
Fluorene	"	**245**	-----	4.72	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**9.28**	-----	4.72	"	"	"	"	"	
Naphthalene	"	**9080**	-----	236	"	2500x	"	"	09/26/06 21:21	
Pentachlorophenol	"	ND	-----	47.2	"	50x	"	"	09/26/06 18:44	
Phenanthrene	"	**766**	-----	236	"	2500x	"	"	09/26/06 21:21	
Pyrene	"	**179**	-----	4.72	"	50x	"	"	09/26/06 18:44	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-08 (GP208-GW)		**Water**			**Sampled: 09/12/06 15:15**					**R-05**
Surrogate(s): Fluorene-d10		*88.1%*			*25 - 125 %*	*50x*			*09/26/06 18:44*	***J***
2,4,6-Tribromophenol		*NR*			*5 - 157 %*	*"*			*"*	***S-01***
Pyrene-d10		*103%*			*23 - 150 %*	*"*			*"*	
Benzo (a) pyrene-d12		*77.5%*			*10 - 125 %*	*"*			*"*	***J***
PPI0520-11 (GP211-GW)		**Water**			**Sampled: 09/11/06 16:00**					
Acenaphthene	EPA 8270m	**27.9**	-----	0.943	ug/l	10x	6090691	09/18/06 15:45	10/02/06 22:28	
Acenaphthylene	"	ND	-----	0.142	"	1x	"	"	09/26/06 20:50	**R-03**
Anthracene	"	**0.268**	-----	0.0943	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	0.0943	"	"	"	"	"	
Chrysene	"	ND	-----	0.0943	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	0.189	"	"	"	"	"	
Fluoranthene	"	ND	-----	0.0943	"	"	"	"	"	
Fluorene	"	**8.14**	-----	0.0943	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Naphthalene	"	**0.350**	-----	0.0943	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	0.943	"	"	"	"	"	
Phenanthrene	"	**5.19**	-----	0.0943	"	"	"	"	"	
Pyrene	"	ND	-----	0.0943	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*61.4%*			*25 - 125 %*	*"*			*"*	
2,4,6-Tribromophenol		*82.2%*			*5 - 157 %*	*"*			*"*	
Pyrene-d10		*74.6%*			*23 - 150 %*	*"*			*"*	
Benzo (a) pyrene-d12		*72.0%*			*10 - 125 %*	*"*			*"*	
PPI0520-16 (GP206-P)		**Other wet**			**Sampled: 09/11/06 13:40**					**R-05, X**
Acenaphthene	EPA 8270m	**51200**	-----	19500	ug/kg wet	10x	6090964	09/25/06 10:10	09/27/06 19:26	
Acenaphthylene	"	ND	-----	19500	"	"	"	"	"	
Anthracene	"	ND	-----	19500	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	19500	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	19500	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	19500	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	19500	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	19500	"	"	"	"	"	
Chrysene	"	ND	-----	19500	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	19500	"	"	"	"	"	
Fluoranthene	"	**71200**	-----	19500	"	"	"	"	"	
Fluorene	"	**41100**	-----	19500	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPI0520-16 (GP206-P)		**Other wet**			**Sampled: 09/11/06 13:40**					**R-05, X**
Indeno (1,2,3-cd) pyrene	EPA 8270m	ND	-----	19500	ug/kg wet	10x	6090964	09/25/06 10:10	09/27/06 19:26	
Naphthalene	"	**146000**	-----	19500	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	97600	"	"	"	"	"	
Phenanthrene	"	**144000**	-----	19500	"	"	"	"	"	
Pyrene	"	**63700**	-----	19500	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*101%*		*30 - 150 %*	"			"	
2,4,6-Tribromophenol			*80.2%*		*10 - 150 %*	"			"	
Pyrene-d10			*109%*		*30 - 150 %*	"			"	
Benzo (a) pyrene-d12			*110%*		*30 - 150 %*	"			"	
PPI0520-16RE1 (GP206-P)		**Other wet**			**Sampled: 09/11/06 13:40**					**R-05, O-07, X, A-09**
Acenaphthene	EPA 8270m	**77000**	-----	9570	ug/kg wet	5x	6100771	10/16/06 17:10	10/17/06 15:50	
Acenaphthylene	"	ND	-----	9570	"	"	"	"	"	
Anthracene	"	**24500**	-----	9570	"	"	"	"	"	
Benzo (a) anthracene	"	**35000**	-----	9570	"	"	"	"	"	
Benzo (a) pyrene	"	**14900**	-----	9570	"	"	"	"	"	
Benzo (b) fluoranthene	"	**15200**	-----	9570	"	"	"	"	"	
Benzo (k) fluoranthene	"	**9960**	-----	9570	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	9570	"	"	"	"	"	
Chrysene	"	**21000**	-----	9570	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	9570	"	"	"	"	"	
Fluoranthene	"	**118000**	-----	9570	"	"	"	"	"	
Fluorene	"	**64800**	-----	9570	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	9570	"	"	"	"	"	
Naphthalene	"	**232000**	-----	9570	"	"	"	"	"	
Phenanthrene	"	**224000**	-----	9570	"	"	"	"	"	
Pyrene	"	**92900**	-----	9570	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*103%*		*30 - 150 %*	"			"	
Pyrene-d10			*99.2%*		*30 - 150 %*	"			"	
Benzo (a) pyrene-d12			*111%*		*30 - 150 %*	"			"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090556 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090556-BLK1)								**Extracted: 09/14/06 14:30**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	09/14/06 22:05	
Diesel Range Hydrocarbons	"	ND	---	0.630	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	0.630	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 64.5%*			*Limits: 50-150%*	*"*							*09/14/06 22:05*	

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1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090676 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090676-BLK1)													**Extracted: 09/18/06 10:15**	
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	80.0	ug/l	1x	--	--	--	--	--	--	09/18/06 13:45	
Surrogate(s): 4-BFB		*Recovery: 73.0%*			*Limits: 50-150%*	*"*							*09/18/06 13:45*	
LCS (6090676-BS1)													**Extracted: 09/18/06 10:15**	
Gasoline Range Hydrocarbons	NW TPH-Gx	487	---	80.0	ug/l	1x	--	500	97.4%	(70-130)	--	--	09/18/06 12:50	
Surrogate(s): 4-BFB		*Recovery: 85.0%*			*Limits: 50-150%*	*"*							*09/18/06 12:50*	
LCS Dup (6090676-BSD1)													**Extracted: 09/18/06 10:15**	
Gasoline Range Hydrocarbons	NW TPH-Gx	485	---	80.0	ug/l	1x	--	500	97.0%	(70-130)	0.412%	(40)	09/18/06 13:17	
Surrogate(s): 4-BFB		*Recovery: 81.0%*			*Limits: 50-150%*	*"*							*09/18/06 13:17*	
Duplicate (6090676-DUP1)						**QC Source: PPI0520-14**							**Extracted: 09/18/06 10:15**	
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	800	ug/l	10x	ND	--	--	--	0.998%	(40)	09/18/06 19:16	
Surrogate(s): 4-BFB		*Recovery: 71.0%*			*Limits: 50-150%*	*1x*							*09/18/06 19:16*	
Duplicate (6090676-DUP2)						**QC Source: PPI0587-02**							**Extracted: 09/18/06 10:15**	
Gasoline Range Hydrocarbons	NW TPH-Gx	13200	---	800	ug/l	10x	13700	--	--	--	3.72%	(40)	09/18/06 22:57	
Surrogate(s): 4-BFB		*Recovery: 105%*			*Limits: 50-150%*	*1x*							*09/18/06 22:57*	

QC Batch: 6090747 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090747-BLK1)													**Extracted: 09/19/06 10:49**	
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	80.0	ug/l	1x	--	--	--	--	--	--	09/19/06 11:10	
Surrogate(s): 4-BFB		*Recovery: 96.0%*			*Limits: 50-150%*	*"*							*09/19/06 11:10*	
LCS (6090747-BS1)													**Extracted: 09/19/06 10:49**	
Gasoline Range Hydrocarbons	NW TPH-Gx	451	---	80.0	ug/l	1x	--	500	90.2%	(70-130)	--	--	09/19/06 11:36	
Surrogate(s): 4-BFB		*Recovery: 105%*			*Limits: 50-150%*	*"*							*09/19/06 11:36*	
LCS Dup (6090747-BSD1)													**Extracted: 09/19/06 10:49**	
Gasoline Range Hydrocarbons	NW TPH-Gx	449	---	80.0	ug/l	1x	--	500	89.8%	(70-130)	0.444%	(40)	09/19/06 12:02	
Surrogate(s): 4-BFB		*Recovery: 103%*			*Limits: 50-150%*	*"*							*09/19/06 12:02*	
Duplicate (6090747-DUP1)						**QC Source: PPI0655-22**							**Extracted: 09/19/06 10:49**	
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	80.0	ug/l	1x	ND	--	--	--	47.5%	(40)	09/19/06 14:40	Q-06
Surrogate(s): 4-BFB		*Recovery: 97.2%*			*Limits: 50-150%*	*"*							*09/19/06 14:40*	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090747 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (6090747-DUP2)				**QC Source: PPI0658-01**				**Extracted: 09/19/06 10:49**						
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	80.0	ug/l	1x	ND	--	--	--	25.5%	(40)	09/19/06 17:00	
Surrogate(s): 4-BFB		*Recovery: 99.8%*			*Limits: 50-150%*	*"*							*09/19/06 17:00*	

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1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090556 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090556-BLK1)								**Extracted: 09/14/06 14:30**						
Diesel Range Organics	NWTPH-Dx	ND	---	0.500	mg/l	1x	--	--	--	--	--	--	09/18/06 11:40	
Heavy Oil Range Hydrocarbons	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 70.3%*			*Limits: 50-150%*	"							*09/18/06 11:40*	
LCS (6090556-BS1)								**Extracted: 09/14/06 18:30**						
Diesel Range Organics	NWTPH-Dx	2.42	---	0.250	mg/l	1x	--	2.55	94.9%	(50-150)	--	--	09/18/06 12:11	
Heavy Oil Range Hydrocarbons	"	1.55	---	0.500	"	"	--	1.60	96.9%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 68.7%*			*Limits: 50-150%*	"							*09/18/06 12:11*	
LCS Dup (6090556-BSD1)								**Extracted: 09/14/06 18:30**						
Diesel Range Organics	NWTPH-Dx	1.90	---	0.250	mg/l	1x	--	2.55	74.5%	(50-150)	24.1%	(50)	09/18/06 12:42	
Heavy Oil Range Hydrocarbons	"	1.23	---	0.500	"	"	--	1.60	76.9%	"	23.0%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 65.3%*			*Limits: 50-150%*	"							*09/18/06 12:42*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090657 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090657-BLK1)									**Extracted: 09/17/06 19:45**					
Acetone	EPA 8260B	ND	---	2480	ug/kg wet	1x	--	--	--	--	--	--	09/18/06 03:33	
Benzene	"	ND	---	19.8	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	496	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	992	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	496	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	992	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	496	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	496	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	496	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090657 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090657-BLK1)							**Extracted: 09/17/06 19:45**							
Hexachlorobutadiene	EPA 8260B	ND	---	397	ug/kg wet	1x	--	--	--	--	--	--	09/18/06 03:33	
2-Hexanone	"	ND	---	992	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	198	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	198	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	496	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	496	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	198	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	99.2	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	198	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery: 92.4%*	*Limits: 75-125%*	*0.01x*	*09/18/06 03:33*
	1,2-DCA-d4	*83.3%*	*75-125%*	*"*	*"*
	Dibromofluoromethane	*83.8%*	*75-125%*	*"*	*"*
	Toluene-d8	*89.4%*	*75-125%*	*"*	*"*

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090657 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6090657-BS1)							**Extracted: 09/17/06 19:45**							
Benzene	EPA 8260B	2010	---	19.8	ug/kg wet	1x	--	1980	102%	(81.9-125)	--	--	09/17/06 20:40	
Chlorobenzene	"	2020	---	99.2	"	"	--	"	102%	(79.2-125)	--	--	"	
1,1-Dichloroethene	"	1880	---	99.2	"	"	--	"	94.9%	(66.1-125)	--	--	"	
Toluene	"	1990	---	99.2	"	"	--	"	101%	(80-125)	--	--	"	
Trichloroethene	"	1970	---	99.2	"	"	--	"	99.5%	(76-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 94.9%*			*Limits: 75-125%*	*0.01x*							*09/17/06 20:40*	
1,2-DCA-d4		*90.9%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*92.4%*			*75-125%*	*"*							*"*	
Toluene-d8		*92.4%*			*75-125%*	*"*							*"*	
Matrix Spike (6090657-MS1)					**QC Source: PPI0617-10**		**Extracted: 09/17/06 19:45**							
Benzene	EPA 8260B	2170	---	21.2	ug/kg dry	1x	ND	2120	102%	(68.5-125)	--	--	09/17/06 21:08	
Chlorobenzene	"	2140	---	106	"	"	ND	"	101%	(65.9-125)	--	--	"	
1,1-Dichloroethene	"	2040	---	106	"	"	ND	"	96.2%	(55.8-125)	--	--	"	
Toluene	"	2140	---	106	"	"	9.55	"	100%	(70.3-125)	--	--	"	
Trichloroethene	"	2080	---	106	"	"	ND	"	98.1%	(65.5-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 92.5%*			*Limits: 75-125%*	*0.01x*							*09/17/06 21:08*	
1,2-DCA-d4		*91.0%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*91.5%*			*75-125%*	*"*							*"*	
Toluene-d8		*91.0%*			*75-125%*	*"*							*"*	
Matrix Spike Dup (6090657-MSD1)					**QC Source: PPI0617-10**		**Extracted: 09/17/06 19:45**							
Benzene	EPA 8260B	2220	---	21.2	ug/kg dry	1x	ND	2120	105%	(68.5-125)	2.28%	(25)	09/17/06 21:35	
Chlorobenzene	"	2190	---	106	"	"	ND	"	103%	(65.9-125)	2.31%	"	"	
1,1-Dichloroethene	"	2070	---	106	"	"	ND	"	97.6%	(55.8-125)	1.46%	"	"	
Toluene	"	2220	---	106	"	"	9.55	"	104%	(70.3-125)	3.67%	"	"	
Trichloroethene	"	2200	---	106	"	"	ND	"	104%	(65.5-125)	5.61%	"	"	
Surrogate(s): 4-BFB		*Recovery: 98.6%*			*Limits: 75-125%*	*0.01x*							*09/17/06 21:35*	
1,2-DCA-d4		*93.4%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*98.1%*			*75-125%*	*"*							*"*	
Toluene-d8		*98.1%*			*75-125%*	*"*							*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090862 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090862-BLK1)									Extracted: 09/21/06 12:42					
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	09/21/06 20:58	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090862 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090862-BLK1)							**Extracted: 09/21/06 12:42**							
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	09/21/06 20:58	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 97.0%*			*Limits: 80-120%*	"							*09/21/06 20:58*	
1,2-DCA-d4		*96.5%*			*80-120%*	"							*"*	
Dibromofluoromethane		*97.0%*			*80-120%*	"							*"*	
Toluene-d8		*96.0%*			*80-120%*	"							*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090862 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6090862-BS1)							**Extracted: 09/21/06 12:42**							
Benzene	EPA 8260B	20.8	---	1.00	ug/l	1x	--	20.0	104%	(80-120)	--	--	09/21/06 18:34	
Chlorobenzene	"	19.9	---	1.00	"	"	--	"	99.5%	(80-124)	--	--	"	
1,1-Dichloroethene	"	19.4	---	1.00	"	"	--	"	97.0%	(78-120)	--	--	"	
Toluene	"	20.5	---	1.00	"	"	--	"	102%	(80-124)	--	--	"	
Trichloroethene	"	22.0	---	1.00	"	"	--	"	110%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 108%*			*Limits: 80-120%*	"							*09/21/06 18:34*	
1,2-DCA-d4		*100%*			*80-120%*	"							"	
Dibromofluoromethane		*101%*			*80-120%*	"							"	
Toluene-d8		*102%*			*80-120%*	"							"	
Matrix Spike (6090862-MS1)					**QC Source: PPI0520-01**		**Extracted: 09/21/06 12:42**							
Benzene	EPA 8260B	20.9	---	1.00	ug/l	1x	0.110	20.0	104%	(80-124)	--	--	09/21/06 19:03	
Chlorobenzene	"	19.9	---	1.00	"	"	ND	"	99.5%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	19.2	---	1.00	"	"	ND	"	96.0%	(79.3-127)	--	--	"	
Toluene	"	21.3	---	1.00	"	"	0.520	"	104%	(79.7-131)	--	--	"	
Trichloroethene	"	19.9	---	1.00	"	"	ND	"	99.5%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 92.0%*			*Limits: 80-120%*	"							*09/21/06 19:03*	
1,2-DCA-d4		*93.0%*			*80-120%*	"							"	
Dibromofluoromethane		*97.5%*			*80-120%*	"							"	
Toluene-d8		*96.5%*			*80-120%*	"							"	
Matrix Spike Dup (6090862-MSD1)					**QC Source: PPI0520-01**		**Extracted: 09/21/06 12:42**							
Benzene	EPA 8260B	20.5	---	1.00	ug/l	1x	0.110	20.0	102%	(80-124)	1.93%	(25)	09/21/06 19:32	
Chlorobenzene	"	19.7	---	1.00	"	"	ND	"	98.5%	(72.9-134)	1.01%	"	"	
1,1-Dichloroethene	"	18.6	---	1.00	"	"	ND	"	93.0%	(79.3-127)	3.17%	"	"	
Toluene	"	20.7	---	1.00	"	"	0.520	"	101%	(79.7-131)	2.86%	"	"	
Trichloroethene	"	19.6	---	1.00	"	"	ND	"	98.0%	(68.4-130)	1.52%	"	"	
Surrogate(s): 4-BFB		*Recovery: 103%*			*Limits: 80-120%*	"							*09/21/06 19:32*	
1,2-DCA-d4		*95.0%*			*80-120%*	"							"	
Dibromofluoromethane		*100%*			*80-120%*	"							"	
Toluene-d8		*99.5%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090949 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090949-BLK1)								**Extracted: 09/23/06 09:44**						
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	09/23/06 13:21	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090949 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090949-BLK1)							**Extracted: 09/23/06 09:44**							
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	09/23/06 13:21	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 93.0%*			*Limits: 80-120%*	"							*09/23/06 13:21*	
1,2-DCA-d4		*105%*			*80-120%*	"							*"*	
Dibromofluoromethane		*102%*			*80-120%*	"							*"*	
Toluene-d8		*102%*			*80-120%*	"							*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090949 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6090949-BS1)							**Extracted: 09/23/06 09:44**							
Benzene	EPA 8260B	20.9	---	1.00	ug/l	1x	--	20.0	104%	(80-120)	--	--	09/23/06 10:57	
Chlorobenzene	"	20.8	---	1.00	"	"	--	"	104%	(80-124)	--	--	"	
1,1-Dichloroethene	"	19.6	---	1.00	"	"	--	"	98.0%	(78-120)	--	--	"	
Toluene	"	21.0	---	1.00	"	"	--	"	105%	(80-124)	--	--	"	
Trichloroethene	"	20.9	---	1.00	"	"	--	"	104%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 98.0%*			*Limits: 80-120%*	"							*09/23/06 10:57*	
1,2-DCA-d4		*100%*			*80-120%*	"							"	
Dibromofluoromethane		*99.0%*			*80-120%*	"							"	
Toluene-d8		*101%*			*80-120%*	"							"	
Matrix Spike (6090949-MS1)							**QC Source: PPI0687-03**						**Extracted: 09/23/06 09:44**	
Benzene	EPA 8260B	46.2	---	1.00	ug/l	1x	15.8	20.0	152%	(80-124)	--	--	09/23/06 11:26	Q-01
Chlorobenzene	"	19.5	---	1.00	"	"	ND	"	97.5%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	18.4	---	1.00	"	"	ND	"	92.0%	(79.3-127)	--	--	"	
Toluene	"	20.3	---	1.00	"	"	0.690	"	98.0%	(79.7-131)	--	--	"	
Trichloroethene	"	19.2	---	1.00	"	"	ND	"	96.0%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 93.5%*			*Limits: 80-120%*	"							*09/23/06 11:26*	
1,2-DCA-d4		*100%*			*80-120%*	"							"	
Dibromofluoromethane		*102%*			*80-120%*	"							"	
Toluene-d8		*95.5%*			*80-120%*	"							"	
Matrix Spike Dup (6090949-MSD1)							**QC Source: PPI0687-03**						**Extracted: 09/23/06 09:44**	
Benzene	EPA 8260B	44.3	---	1.00	ug/l	1x	15.8	20.0	142%	(80-124)	4.20%	(25)	09/23/06 11:55	Q-01
Chlorobenzene	"	18.7	---	1.00	"	"	ND	"	93.5%	(72.9-134)	4.19%	"	"	
1,1-Dichloroethene	"	17.3	---	1.00	"	"	ND	"	86.5%	(79.3-127)	6.16%	"	"	
Toluene	"	19.4	---	1.00	"	"	0.690	"	93.6%	(79.7-131)	4.53%	"	"	
Trichloroethene	"	18.5	---	1.00	"	"	ND	"	92.5%	(68.4-130)	3.71%	"	"	
Surrogate(s): 4-BFB		*Recovery: 91.5%*			*Limits: 80-120%*	"							*09/23/06 11:55*	
1,2-DCA-d4		*98.5%*			*80-120%*	"							"	
Dibromofluoromethane		*100%*			*80-120%*	"							"	
Toluene-d8		*96.0%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090752 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090752-BLK1)								**Extracted: 09/19/06 16:40**						
Carbazole	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	09/23/06 02:12	
Acenaphthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090752 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090752-BLK1)							**Extracted: 09/19/06 16:40**							
Fluoranthene	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	09/23/06 02:12	
Fluorene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 76.5%*	*Limits: 22-120%*	"	*09/23/06 02:12*
	2-Fluorophenol	*74.7%*	*5-120%*	"	"
	Nitrobenzene-d5	*85.6%*	*26-127%*	"	"
	Phenol-d6	*81.3%*	*4-121%*	"	"
	p-Terphenyl-d14	*86.3%*	*37-130%*	"	"
	2,4,6-Tribromophenol	*82.0%*	*21-129%*	"	"

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090752 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6090752-BS1)								**Extracted: 09/19/06 16:40**						
Acenaphthene	EPA 8270C	44.8	---	5.00	ug/l	1x	--	50.0	89.6%	(56-120)	--	--	09/22/06 20:56	
4-Chloro-3-methylphenol	"	44.2	---	5.00	"	"	--	"	88.4%	(37-131)	--	--	"	
2-Chlorophenol	"	43.2	---	5.00	"	"	--	"	86.4%	(31-130)	--	--	"	
1,4-Dichlorobenzene	"	34.7	---	5.00	"	"	--	"	69.4%	(8-124)	--	--	"	
2,4-Dinitrotoluene	"	44.3	---	5.00	"	"	--	"	88.6%	(50-127)	--	--	"	
4-Nitrophenol	"	43.6	---	25.0	"	"	--	"	87.2%	(1-157)	--	--	"	
N-Nitrosodi-n-propylamine	"	44.6	---	10.0	"	"	--	"	89.2%	(44-129)	--	--	"	
Pentachlorophenol	"	54.7	---	10.0	"	"	--	"	109%	(23-149)	--	--	"	
Phenol	"	45.2	---	5.00	"	"	--	"	90.4%	(1-145)	--	--	"	
Pyrene	"	44.7	---	5.00	"	"	--	"	89.4%	(56-125)	--	--	"	
1,2,4-Trichlorobenzene	"	41.3	---	5.00	"	"	--	"	82.6%	(33-116)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 69.9%*			*Limits: 22-120%*	"							*09/22/06 20:56*	
2-Fluorophenol		*74.7%*			*5-120%*	"							"	
Nitrobenzene-d5		*86.1%*			*26-127%*	"							"	
Phenol-d6		*80.7%*			*4-121%*	"							"	
p-Terphenyl-d14		*87.9%*			*37-130%*	"							"	
2,4,6-Tribromophenol		*88.0%*			*21-129%*	"							"	
LCS Dup (6090752-BSD1)								**Extracted: 09/19/06 16:40**						
Acenaphthene	EPA 8270C	43.6	---	5.00	ug/l	1x	--	50.0	87.2%	(56-120)	2.71%	(50)	09/22/06 21:41	
4-Chloro-3-methylphenol	"	44.2	---	5.00	"	"	--	"	88.4%	(37-131)	0.00%	"	"	
2-Chlorophenol	"	43.2	---	5.00	"	"	--	"	86.4%	(31-130)	0.00%	"	"	
1,4-Dichlorobenzene	"	36.4	---	5.00	"	"	--	"	72.8%	(8-124)	4.78%	"	"	
2,4-Dinitrotoluene	"	41.9	---	5.00	"	"	--	"	83.8%	(50-127)	5.57%	"	"	
4-Nitrophenol	"	43.4	---	25.0	"	"	--	"	86.8%	(1-157)	0.460%	"	"	
N-Nitrosodi-n-propylamine	"	42.4	---	10.0	"	"	--	"	84.8%	(44-129)	5.06%	"	"	
Pentachlorophenol	"	52.6	---	10.0	"	"	--	"	105%	(23-149)	3.91%	"	"	
Phenol	"	45.1	---	5.00	"	"	--	"	90.2%	(1-145)	0.221%	"	"	
Pyrene	"	42.5	---	5.00	"	"	--	"	85.0%	(56-125)	5.05%	"	"	
1,2,4-Trichlorobenzene	"	42.4	---	5.00	"	"	--	"	84.8%	(33-116)	2.63%	"	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 70.8%*			*Limits: 22-120%*	"							*09/22/06 21:41*	
2-Fluorophenol		*76.7%*			*5-120%*	"							"	
Nitrobenzene-d5		*85.9%*			*26-127%*	"							"	
Phenol-d6		*80.7%*			*4-121%*	"							"	
p-Terphenyl-d14		*87.7%*			*37-130%*	"							"	
2,4,6-Tribromophenol		*86.7%*			*21-129%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090691 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090691-BLK1)							**Extracted: 09/18/06 15:45**							
Acenaphthene	EPA 8270m	ND	---	0.100	ug/l	1x	--	--	--	--	--	--	09/26/06 18:12	
Acenaphthylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.200	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.100	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*66.0%*		*Limits:*	*25-125%*	*"*						*09/26/06 18:12*	
	2,4,6-Tribromophenol		*65.2%*			*5-157%*	*"*						*"*	
	Pyrene-d10		*78.0%*			*23-150%*	*"*						*"*	
	Benzo (a) pyrene-d12		*73.6%*			*10-125%*	*"*						*"*	
LCS (6090691-BS1)							**Extracted: 09/18/06 15:45**							
Acenaphthene	EPA 8270m	2.03	---	0.100	ug/l	1x	--	2.50	81.2%	(27-133)	--	--	09/26/06 17:09	
Benzo (a) pyrene	"	2.07	---	0.100	"	"	--	"	82.8%	(41-139)	--	--	"	
Pentachlorophenol	"	4.18	---	1.00	"	"	--	5.00	83.6%	(24-147)	--	--	"	
Pyrene	"	2.29	---	0.100	"	"	--	2.50	91.6%	(34-143)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*70.4%*		*Limits:*	*25-125%*	*"*						*09/26/06 17:09*	
	2,4,6-Tribromophenol		*84.8%*			*5-157%*	*"*						*"*	
	Pyrene-d10		*86.0%*			*23-150%*	*"*						*"*	
	Benzo (a) pyrene-d12		*78.8%*			*10-125%*	*"*						*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090691 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (6090691-BSD1)							**Extracted: 09/18/06 15:45**							
Acenaphthene	EPA 8270m	1.99	---	0.100	ug/l	1x	--	2.50	79.6%	(27-133)	1.99%	(50)	09/26/06 17:41	
Benzo (a) pyrene	"	2.05	---	0.100	"	"	--	"	82.0%	(41-139)	0.971%	"	"	
Pentachlorophenol	"	3.70	---	1.00	"	"	--	5.00	74.0%	(24-147)	12.2%	"	"	
Pyrene	"	2.20	---	0.100	"	"	--	2.50	88.0%	(34-143)	4.01%	"	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*71.6%*		*Limits:*	*25-125%*	*"*						*09/26/06 17:41*	
	2,4,6-Tribromophenol		*82.8%*			*5-157%*	*"*						*"*	
	Pyrene-d10		*83.6%*			*23-150%*	*"*						*"*	
	Benzo (a) pyrene-d12		*78.4%*			*10-125%*	*"*						*"*	

QC Batch: 6090964 **Other wet Preparation Method: EPA 3580**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6090964-BLK1)							**Extracted: 09/25/06 10:10**							X
Acenaphthene	EPA 8270m	ND	---	4020	ug/kg wet	2x	--	--	--	--	--	--	09/27/06 18:22	
Acenaphthylene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	20100	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*92.4%*		*Limits:*	*30-150%*	*"*						*09/27/06 18:22*	
	2,4,6-Tribromophenol		*83.2%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*96.8%*			*30-150%*	*"*						*"*	
	Benzo (a) pyrene-d12		*97.6%*			*30-150%*	*"*						*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6090964 **Other wet Preparation Method: EPA 3580**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6090964-BS1)							**Extracted: 09/25/06 10:10**							X
Acenaphthene	EPA 8270m	ND	---	4020	ug/kg wet	2x	--			(33-139)	--	--	09/27/06 17:51	S-10
Benzo (a) pyrene	"	ND	---	4020	"	"	--			(45-149)	--	--	"	S-10
Pentachlorophenol	"	37400	---	20100	"	"	--		74.8%	(14-176)	--	--	"	Q-32
Pyrene	"	ND	---	4020	"	"	--			(39-138)	--	--	"	S-10
Surrogate(s): Fluorene-d10		*Recovery: 94.4%*			*Limits: 30-150%*	"							*09/27/06 17:51*	
2,4,6-Tribromophenol		*91.6%*			*10-150%*	"							"	
Pyrene-d10		*100%*			*30-150%*	"							"	
Benzo (a) pyrene-d12		*100%*			*30-150%*	"							"	
Duplicate (6090964-DUP1)					**QC Source: PPI0520-16**					**Extracted: 09/25/06 10:10**				R-05, X
Acenaphthene	EPA 8270m	52900	---	19300	ug/kg wet	10x	51200	--	--	--	3.27%	(50)	09/27/06 18:54	
Acenaphthylene	"	ND	---	19300	"	"	ND	--	--	--	NR	"	"	
Anthracene	"	ND	---	19300	"	"	ND	--	--	--	NR	"	"	
Benzo (a) anthracene	"	19400	---	19300	"	"	ND	--	--	--		"	"	
Benzo (a) pyrene	"	ND	---	19300	"	"	ND	--	--	--	NR	"	"	
Benzo (b) fluoranthene	"	ND	---	19300	"	"	ND	--	--	--	NR	"	"	
Benzo (k) fluoranthene	"	ND	---	19300	"	"	ND	--	--	--	NR	"	"	
Benzo (ghi) perylene	"	ND	---	19300	"	"	ND	--	--	--	NR	"	"	
Chrysene	"	ND	---	19300	"	"	ND	--	--	--	NR	"	"	
Dibenzo (a,h) anthracene	"	ND	---	19300	"	"	ND	--	--	--	NR	"	"	
Fluoranthene	"	74100	---	19300	"	"	71200	--	--	--	3.99%	"	"	
Fluorene	"	42900	---	19300	"	"	41100	--	--	--	4.29%	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	19300	"	"	ND	--	--	--	NR	"	"	
Naphthalene	"	147000	---	19300	"	"	146000	--	--	--	0.683%	"	"	
Pentachlorophenol	"	ND	---	96600	"	"	ND	--	--	--	NR	"	"	
Phenanthrene	"	147000	---	19300	"	"	144000	--	--	--	2.06%	"	"	
Pyrene	"	64300	---	19300	"	"	63700	--	--	--	0.938%	"	"	
Surrogate(s): Fluorene-d10		*Recovery: 101%*			*Limits: 30-150%*	"							*09/27/06 18:54*	
2,4,6-Tribromophenol		*82.1%*			*10-150%*	"							"	
Pyrene-d10		*106%*			*30-150%*	"							"	
Benzo (a) pyrene-d12		*108%*			*30-150%*	"							"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6100771 **Other wet Preparation Method: EPA 3580**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6100771-BLK1)							**Extracted: 10/16/06 17:10**							X
Acenaphthene	EPA 8270m	ND	---	4020	ug/kg wet	2x	--	--	--	--	--	--	10/17/06 14:44	
Acenaphthylene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	4020	"	"	--	--	--	--	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 96.0%*			*Limits: 30-150%*	"							*10/17/06 14:44*	
Pyrene-d10		*97.6%*			*30-150%*	"							"	
Benzo (a) pyrene-d12		*110%*			*30-150%*	"							"	
LCS (6100771-BS1)							**Extracted: 10/16/06 17:10**							X
Acenaphthene	EPA 8270m	22200	---	4020	ug/kg wet	2x	--	25000	88.8%	(33-139)	--	--	10/17/06 15:17	
Pyrene	"	22300	---	4020	"	"	--	"	89.2%	(39-138)	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 96.4%*			*Limits: 30-150%*	"							*10/17/06 15:17*	
Pyrene-d10		*97.2%*			*30-150%*	"							"	
Benzo (a) pyrene-d12		*105%*			*30-150%*	"							"	
Duplicate (6100771-DUP1)					**QC Source: PPI0520-16RE1**		**Extracted: 10/16/06 17:10**							R-05, X
Acenaphthene	EPA 8270m	188000	---	9760	ug/kg wet	5x	77000	--	--	--	83.8%	(50)	10/17/06 16:56	RP-2
Acenaphthylene	"	ND	---	9760	"	"	ND	--	--	--	NR	"	"	
Anthracene	"	61800	---	9760	"	"	24500	--	--	--	86.4%	"	"	RP-2
Benzo (a) anthracene	"	88600	---	9760	"	"	35000	--	--	--	86.7%	"	"	RP-2
Benzo (a) pyrene	"	37700	---	9760	"	"	14900	--	--	--	86.7%	"	"	RP-2
Benzo (b) fluoranthene	"	41400	---	9760	"	"	15200	--	--	--	92.6%	"	"	RP-2
Benzo (k) fluoranthene	"	24600	---	9760	"	"	9960	--	--	--	84.7%	"	"	RP-2
Benzo (ghi) perylene	"	12700	---	9760	"	"	ND	--	--	--		"	"	
Chrysene	"	52700	---	9760	"	"	21000	--	--	--	86.0%	"	"	RP-2
Dibenzo (a,h) anthracene	"	ND	---	9760	"	"	ND	--	--	--	NR	"	"	
Fluoranthene	"	294000	---	9760	"	"	118000	--	--	--	85.4%	"	"	RP-2
Fluorene	"	161000	---	9760	"	"	64800	--	--	--	85.2%	"	"	RP-2

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6100771 **Other wet Preparation Method: EPA 3580**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (6100771-DUP1)				**QC Source: PPI0520-16RE1**				**Extracted: 10/16/06 17:10**						R-05, X
Indeno (1,2,3-cd) pyrene	"	12400	---	9760	"	"	ND	--	--	--		"	"	
Naphthalene	"	617000	---	97600	"	50x	232000	--	--	--	90.7%	"	10/18/06 16:31	RP-2
Phenanthrene	"	592000	---	97600	"	"	224000	--	--	--	90.2%	"	"	RP-2
Pyrene	"	232000	---	9760	"	5x	92900	--	--	--	85.6%	"	10/17/06 16:56	RP-2
Surrogate(s): Fluorene-d10		*Recovery: 108%*			*Limits: 30-150%*	"							*10/17/06 16:56*	
Pyrene-d10		*103%*			*30-150%*	"							*"*	
Benzo (a) pyrene-d12		*114%*			*30-150%*	"							*"*	
Matrix Spike (6100771-MS1)				**QC Source: PPI0520-16RE1**				**Extracted: 10/16/06 17:10**						R-05, X
Acenaphthene	EPA 8270m	138000	---	9850	ug/kg wet	5x	77000	24500	249%	(33-139)	--	--	10/17/06 16:23	Q-01
Pyrene	"	157000	---	9850	"	"	92900	"	262%	(39-138)	--	--	"	Q-01
Surrogate(s): Fluorene-d10		*Recovery: 103%*			*Limits: 30-150%*	"							*10/17/06 16:23*	
Pyrene-d10		*98.4%*			*30-150%*	"							*"*	
Benzo (a) pyrene-d12		*112%*			*30-150%*	"							*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

Notes and Definitions

Report Specific Notes:

A-01	-	Detected hydrocarbons have distinct peaks that have elution patterns similar to that of PAH's, as well as other extraneous peaks that may be due to biogenic interference, as well as diesel.
A-03	-	Detected hydrocarbons have distinct peaks that have elution patterns similar to that of PAH's, as well as other extraneous peaks that may be due to biogenic interference.
A-04	-	Detected hydrocarbons appear to be due to heavy gas/light diesel components.
A-05	-	Detected hydrocarbons appear to be due mainly to oil as well as biogenic interference.
A-07	-	Detected hydrocarbons appear to be due to diesel as well as oil overlap.
A-09	-	QC performed on this sample indicates a non-homogeneous matrix.
D-17	-	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel or possibly biogenic interference.
E	-	Estimated value. The reported value exceeds the calibration range of the analysis.
J	-	Estimated value.
O-07	-	This sample was extracted outside the EPA recommended holding time.
Q-01	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch.
Q-06	-	RPD is not applicable for analyte concentrations less than 5 times the MRL.
Q-32	-	No results were reported for the MS and or MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
R-03	-	The reporting limit for this analyte was raised due to matrix interference.
R-05	-	Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
R-16	-	Estimated Value. Sample reported from a vial with headspace.
RP-2	-	The RPD exceeded the laboratory control limit.
S-01	-	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-02	-	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present.
S-09	-	Surrogate recovery is outside control limits due to matrix interference.
S-10	-	The recovery for this parameter is outside acceptance limits. See case narrative.
X	-	See case narrative.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00018	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	10/26/06 16:07

RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Sarah Rockwell

Sarah Rockwell, Project Manager

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November 02, 2006

R. Scott Miller
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 10/04/06 11:05. The following list is a summary of the Work Orders contained in this report, generated on 11/02/06 18:02.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPJ0250	Jeld Wen- Nord Door	008.0228.00013

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-6.5	PPJ0250-01	Soil	10/02/06 08:40	10/04/06 11:05
MW4-6.5	PPJ0250-03	Soil	10/02/06 12:45	10/04/06 11:05
MW5-8.5	PPJ0250-04	Soil	10/02/06 14:40	10/04/06 11:05
MW3-6.5	PPJ0250-05	Soil	10/02/06 16:20	10/04/06 11:05

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0250-01 (MW1-6.5)		**Soil**			**Sampled: 10/02/06 08:40**					
Diesel Range Organics	NWTPH-Dx	**23.5**	-----	15.6	mg/kg dry	1x	6100346	10/06/06 15:30	10/09/06 11:12	**D-09**
Heavy Oil Range Hydrocarbons	"	**111**	-----	31.2	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*111%*		*50 - 150 %*	"			"	
PPJ0250-03 (MW4-6.5)		**Soil**			**Sampled: 10/02/06 12:45**					
Diesel Range Organics	NWTPH-Dx	ND	-----	14.3	mg/kg dry	1x	6100346	10/06/06 15:30	10/08/06 16:30	
Heavy Oil Range Hydrocarbons	"	ND	-----	28.7	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*110%*		*50 - 150 %*	"			"	
PPJ0250-04 (MW5-8.5)		**Soil**			**Sampled: 10/02/06 14:40**					
Diesel Range Organics	NWTPH-Dx	**43.7**	-----	18.1	mg/kg dry	1x	6100346	10/06/06 15:30	10/08/06 17:02	**D-03**
Heavy Oil Range Hydrocarbons	"	ND	-----	36.3	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*111%*		*50 - 150 %*	"			"	
PPJ0250-05 (MW3-6.5)		**Soil**			**Sampled: 10/02/06 16:20**					
Diesel Range Organics	NWTPH-Dx	ND	-----	14.6	mg/kg dry	1x	6100346	10/06/06 15:30	10/09/06 07:57	
Heavy Oil Range Hydrocarbons	"	ND	-----	29.1	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*107%*		*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0250-05 (MW3-6.5)		**Soil**			**Sampled: 10/02/06 16:20**					
Acenaphthene	EPA 8270m	ND	-----	15.6	ug/kg dry	1x	6100594	10/12/06 12:10	10/15/06 07:04	
Acenaphthylene	"	ND	-----	15.6	"	"	"	"	"	
Anthracene	"	ND	-----	15.6	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	15.6	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	15.6	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	15.6	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	15.6	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	15.6	"	"	"	"	"	
Chrysene	"	ND	-----	15.6	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	15.6	"	"	"	"	"	
Fluoranthene	"	ND	-----	15.6	"	"	"	"	"	
Fluorene	"	ND	-----	15.6	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	15.6	"	"	"	"	"	
Naphthalene	"	ND	-----	15.6	"	"	"	"	"	
Phenanthrene	"	ND	-----	15.6	"	"	"	"	"	
Pyrene	"	ND	-----	15.6	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*66.3%*		*32 - 134 %*	"			"	
Pyrene-d10			*82.4%*		*41 - 152 %*	"			"	
Benzo (a) pyrene-d12			*92.5%*		*36 - 145 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0250-01 (MW1-6.5)		**Soil**			**Sampled: 10/02/06 08:40**					
Acenaphthene	EPA 8270m	ND	-----	16.8	ug/kg dry	1x	6100688	10/13/06 11:45	10/28/06 00:43	
Acenaphthylene	"	ND	-----	16.8	"	"	"	"	"	
Anthracene	"	ND	-----	16.8	"	"	"	"	"	
Benzo (a) anthracene	"	**34.4**	-----	16.8	"	"	"	"	"	
Benzo (a) pyrene	"	**34.7**	-----	16.8	"	"	"	"	"	
Benzo (b) fluoranthene	"	**29.3**	-----	16.8	"	"	"	"	"	
Benzo (k) fluoranthene	"	**25.3**	-----	16.8	"	"	"	"	"	
Benzo (ghi) perylene	"	**20.0**	-----	16.8	"	"	"	"	"	
Chrysene	"	**49.7**	-----	16.8	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	16.8	"	"	"	"	"	
Fluoranthene	"	**58.8**	-----	16.8	"	"	"	"	"	
Fluorene	"	ND	-----	16.8	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	16.8	"	"	"	"	"	
Naphthalene	"	ND	-----	16.8	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	83.8	"	"	"	"	"	
Phenanthrene	"	**37.9**	-----	16.8	"	"	"	"	"	
Pyrene	"	**72.4**	-----	16.8	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*78.4%*		*32 - 134 %*	"			"	
2,4,6-Tribromophenol			*97.1%*		*10 - 150 %*	"			"	
Pyrene-d10			*87.3%*		*41 - 152 %*	"			"	
Benzo (a) pyrene-d12			*84.3%*		*36 - 145 %*	"			"	
PPJ0250-04 (MW5-8.5)		**Soil**			**Sampled: 10/02/06 14:40**					**R-05**
Acenaphthene	EPA 8270m	**3410**	-----	394	ug/kg dry	20x	6100688	10/13/06 11:45	10/27/06 20:15	
Acenaphthylene	"	ND	-----	394	"	"	"	"	"	
Anthracene	"	**587**	-----	394	"	"	"	"	"	
Benzo (a) anthracene	"	**625**	-----	394	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	394	"	"	"	"	"	
Benzo (b) fluoranthene	"	**394**	-----	394	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	394	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	394	"	"	"	"	"	
Chrysene	"	**603**	-----	394	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	394	"	"	"	"	"	
Fluoranthene	"	**2380**	-----	394	"	"	"	"	"	
Fluorene	"	**2030**	-----	394	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	394	"	"	"	"	"	
Naphthalene	"	**39500**	-----	3940	"	200x	"	"	10/28/06 00:13	
Pentachlorophenol	"	ND	-----	1970	"	20x	"	"	10/27/06 20:15	
Phenanthrene	"	**5570**	-----	394	"	"	"	"	"	
Pyrene	"	**2090**	-----	394	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0250-04 (MW5-8.5)		**Soil**			**Sampled: 10/02/06 14:40**					**R-05**
Surrogate(s): Fluorene-d10		*85.4%*			*32 - 134 %*	*20x*			*10/27/06 20:15*	
2,4,6-Tribromophenol		*NR*			*10 - 150 %*	*"*			*"*	***S-01***
Pyrene-d10		*99.2%*			*41 - 152 %*	*"*			*"*	
Benzo (a) pyrene-d12		*98.4%*			*36 - 145 %*	*"*			*"*	

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Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0250-01 (MW1-6.5)		**Soil**				**Sampled: 10/02/06 08:40**				
% Solids	NCA SOP	**79.3**	-----	0.00	% by Weight	1x	6100460	10/10/06 08:38	10/10/06 08:38	
PPJ0250-03 (MW4-6.5)		**Soil**				**Sampled: 10/02/06 12:45**				
% Solids	NCA SOP	**87.3**	-----	0.00	% by Weight	1x	6100460	10/10/06 08:38	10/10/06 08:38	
PPJ0250-04 (MW5-8.5)		**Soil**				**Sampled: 10/02/06 14:40**				
% Solids	NCA SOP	**67.6**	-----	0.00	% by Weight	1x	6100460	10/10/06 08:38	10/10/06 08:38	
PPJ0250-05 (MW3-6.5)		**Soil**				**Sampled: 10/02/06 16:20**				
% Solids	NCA SOP	**84.6**	-----	0.00	% by Weight	1x	6100460	10/10/06 08:38	10/10/06 08:38	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6100346 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6100346-BLK1)							**Extracted: 10/06/06 15:30**							
Diesel Range Organics	NWTPH-Dx	ND	---	12.5	mg/kg wet	1x	--	--	--	--	--	--	10/09/06 09:02	
Heavy Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 106%*			*Limits: 50-150%*	"							*10/09/06 09:02*	
LCS (6100346-BS1)							**Extracted: 10/06/06 15:30**							
Diesel Range Organics	NWTPH-Dx	124	---	12.5	mg/kg wet	1x	--	128	96.9%	(50-150)	--	--	10/09/06 09:34	
Heavy Oil Range Hydrocarbons	"	68.8	---	25.0	"	"	--	80.0	86.0%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 114%*			*Limits: 50-150%*	"							*10/09/06 09:34*	
Duplicate (6100346-DUP1)					**QC Source: PPJ0250-01**		**Extracted: 10/06/06 15:30**							
Diesel Range Organics	NWTPH-Dx	ND	---	158	mg/kg dry	10x	ND	--	--	--	NR	(50)	10/09/06 11:12	Q-14, R-05
Heavy Oil Range Hydrocarbons	"	325	---	315	"	"	ND	--	--	--	--	"	"	Q-14
Surrogate(s): 1-Chlorooctadecane		*Recovery: 82.3%*			*Limits: 50-150%*	"							*10/09/06 11:12*	
Duplicate (6100346-DUP2)					**QC Source: PPJ0250-03**		**Extracted: 10/06/06 15:30**							
Diesel Range Organics	NWTPH-Dx	ND	---	14.2	mg/kg dry	1x	ND	--	--	--	NR	(50)	10/09/06 08:29	
Heavy Oil Range Hydrocarbons	"	ND	---	28.5	"	"	ND	--	--	--	NR	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 104%*			*Limits: 50-150%*	"							*10/09/06 08:29*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6100594 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6100594-BLK1)							**Extracted: 10/12/06 12:10**							
Acenaphthene	EPA 8270m	ND	---	13.3	ug/kg wet	1x	--	--	--	--	--	--	10/15/06 07:37	
Acenaphthylene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	13.3	"	"	--	--	--	--	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 45.6%*			*Limits: 32-134%*	"							*10/15/06 07:37*	
Pyrene-d10		*77.2%*			*41-152%*	"							"	
Benzo (a) pyrene-d12		*90.5%*			*36-145%*	"							"	
LCS (6100594-BS1)							**Extracted: 10/12/06 12:10**							
Acenaphthene	EPA 8270m	139	---	13.4	ug/kg wet	1x	--	166	83.7%	(33-139)	--	--	10/15/06 08:11	
Benzo (a) pyrene	"	147	---	13.4	"	"	--	"	88.6%	(45-149)	--	--	"	
Pyrene	"	135	---	13.4	"	"	--	"	81.3%	(39-138)	--	--	"	
Surrogate(s): Fluorene-d10		*Recovery: 53.1%*			*Limits: 32-134%*	"							*10/15/06 08:11*	
Pyrene-d10		*76.4%*			*41-152%*	"							"	
Benzo (a) pyrene-d12		*91.2%*			*36-145%*	"							"	
Matrix Spike (6100594-MS1)					**QC Source: PPJ0097-01**		**Extracted: 10/12/06 12:10**							R-05
Acenaphthene	EPA 8270m	7170	---	148	ug/kg dry	10x	49.7	184	3870%	(33-139)	--	--	10/17/06 21:17	Q-01
Benzo (a) pyrene	"	5930	---	148	"	"	127	"	3150%	(45-149)	--	--	"	Q-01
Pyrene	"	20800	---	1480	"	100x	288	"	11100	(39-138)	--	--	10/18/06 17:03	Q-01
Surrogate(s): Fluorene-d10		*Recovery: 87.6%*			*Limits: 32-134%*	*10x*							*10/17/06 21:17*	
Pyrene-d10		*98.4%*			*41-152%*	"							"	
Benzo (a) pyrene-d12		*100%*			*36-145%*	"							"	

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1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6100594 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6100594-MSD1)					**QC Source: PPJ0097-01**				**Extracted: 10/12/06 12:10**					R-05
Acenaphthene	EPA 8270m	2720	---	146	ug/kg dry	10x	49.7	182	1470%	(33-139)	90.0%	(60)	10/17/06 21:50	Q-01
Benzo (a) pyrene	"	2340	---	146	"	"	127	"	1220%	(45-149)	86.8%	"	"	Q-01
Pyrene	"	7510	---	1460	"	100x	288	"	3970%	(39-138)	93.9%	"	10/18/06 17:35	Q-01
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*85.1%*		*Limits:*	*32-134%*	*10x*						*10/17/06 21:50*	
	Pyrene-d10		*97.7%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*96.8%*			*36-145%*	*"*						*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6100688 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6100688-BLK1)							**Extracted: 10/13/06 11:45**							
Acenaphthene	EPA 8270m	ND	---	13.2	ug/kg wet	1x	--	--	--	--	--	--	10/14/06 22:48	
Acenaphthylene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	66.0	"	"	--	--	--	--	--	--	10/23/06 14:05	
Phenanthrene	"	ND	---	13.2	"	"	--	--	--	--	--	--	10/14/06 22:48	
Pyrene	"	ND	---	13.2	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*53.1%*		*Limits:*	*32-134%*	*"*						*10/14/06 22:48*	
	2,4,6-Tribromophenol		*49.0%*			*10-150%*	*"*						*10/23/06 14:05*	
	Pyrene-d10		*74.2%*			*41-152%*	*"*						*10/14/06 22:48*	
	Benzo (a) pyrene-d12		*84.0%*			*36-145%*	*"*						*"*	
LCS (6100688-BS1)							**Extracted: 10/13/06 11:45**							
Acenaphthene	EPA 8270m	143	---	13.3	ug/kg wet	1x	--	166	86.1%	(33-139)	--	--	10/14/06 23:21	
Benzo (a) pyrene	"	145	---	13.3	"	"	--	"	87.3%	(45-149)	--	--	"	
Pentachlorophenol	"	226	---	66.7	"	"	--	332	68.1%	(14-176)	--	--	10/23/06 14:35	
Pyrene	"	130	---	13.3	"	"	--	166	78.3%	(39-138)	--	--	10/14/06 23:21	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*59.6%*		*Limits:*	*32-134%*	*"*						*10/14/06 23:21*	
	2,4,6-Tribromophenol		*94.0%*			*10-150%*	*"*						*10/23/06 14:35*	
	Pyrene-d10		*73.7%*			*41-152%*	*"*						*10/14/06 23:21*	
	Benzo (a) pyrene-d12		*90.8%*			*36-145%*	*"*						*"*	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6100688 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6100688-MS1)				QC Source: PPJ0551-01				Extracted: 10/13/06 11:45						R-05
Acenaphthene	EPA 8270m	218	---	201	ug/kg dry	10x	ND	250	87.2%	(33-139)	--	--	10/19/06 20:47	
Benzo (a) pyrene	"	94.5	---	201	"	"	ND	"	37.8%	(45-149)	--	--	"	Q-01
Pentachlorophenol	"	430	---	1010	"	"	ND	500	86.0%	(14-176)	--	--	10/23/06 15:35	
Pyrene	"	628	---	201	"	"	552	250	30.4%	(39-138)	--	--	10/19/06 20:47	Q-01
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*69.3%*	*Limits:*	*32-134%*	"							*10/19/06 20:47*	
	2,4,6-Tribromophenol		*102%*		*10-150%*	"							*10/23/06 15:35*	
	Pyrene-d10		*65.7%*		*41-152%*	"							*10/19/06 20:47*	
	Benzo (a) pyrene-d12		*26.6%*		*36-145%*	"							"	*S-09, J*
Matrix Spike Dup (6100688-MSD1)				QC Source: PPJ0551-01				Extracted: 10/13/06 11:45						R-05
Acenaphthene	EPA 8270m	224	---	200	ug/kg dry	10x	ND	249	90.0%	(33-139)	2.71%	(50)	10/19/06 21:20	
Benzo (a) pyrene	"	118	---	200	"	"	ND	"	47.4%	(45-149)	22.1%	"	"	
Pentachlorophenol	"	347	---	1000	"	"	ND	498	69.7%	(14-176)	21.4%	(60)	10/23/06 16:05	S-09
Pyrene	"	605	---	200	"	"	552	249	21.3%	(39-138)	3.73%	(50)	10/19/06 21:20	Q-01
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*68.2%*	*Limits:*	*32-134%*	"							*10/19/06 21:20*	
	2,4,6-Tribromophenol		*107%*		*10-150%*	"							*10/23/06 16:05*	
	Pyrene-d10		*64.4%*		*41-152%*	"							*10/19/06 21:20*	
	Benzo (a) pyrene-d12		*28.2%*		*36-145%*	"							"	*S-09, J*

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Percent Dry Weight (Solids) per Standard Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6100460 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (6100460-DUP1)					**QC Source: PPJ0244-02**				**Extracted: 10/10/06 08:38**					
% Solids	NCA SOP	81.5	---	0.00	% by Weight	1x	82.9	--	--	--	1.70%	(20)	10/10/06 08:38	
Duplicate (6100460-DUP2)					**QC Source: PPJ0244-03**				**Extracted: 10/10/06 08:38**					
% Solids	NCA SOP	86.4	---	0.00	% by Weight	1x	90.3	--	--	--	4.41%	(20)	10/10/06 08:38	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/02/06 18:02

Notes and Definitions

Report Specific Notes:

D-03	-	The hydrocarbon concentration result in this sample is partially due to an individual peak(s) eluting in the diesel/motor oil carbon range.
D-09	-	Detected hydrocarbons in the diesel range appear to be due to overlap of heavy/oil range hydrocarbons.
J	-	Estimated value.
Q-01	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch.
Q-14	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of control limits due to a non-homogeneous sample matrix.
R-05	-	Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
S-01	-	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-09	-	Surrogate recovery is outside control limits due to matrix interference.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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November 17, 2006

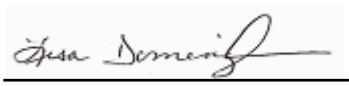
R. Scott Miller
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 10/20/06 10:00. The following list is a summary of the Work Orders contained in this report, generated on 11/17/06 10:51.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPJ0944	Jeld Wen- Nord Door	008.0228.00013



Lisa Domenighini For Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP1-1-4.75	PPJ0944-01	Soil	10/18/06 13:40	10/20/06 10:00
TP1-2-4.75	PPJ0944-02	Soil	10/18/06 14:25	10/20/06 10:00
TP1-3-4.75	PPJ0944-03	Soil	10/18/06 14:35	10/20/06 10:00
TP1-4-5.75	PPJ0944-04	Soil	10/18/06 15:25	10/20/06 10:00
TP1-5-4.75	PPJ0944-05	Soil	10/19/06 08:30	10/20/06 10:00
TP2-1-6	PPJ0944-06	Soil	10/19/06 07:45	10/20/06 10:00
TP2-2-4.75	PPJ0944-07	Soil	10/19/06 08:05	10/20/06 10:00
TP2-3-4.75	PPJ0944-08	Soil	10/19/06 07:55	10/20/06 10:00
TP2-4-7	PPJ0944-09	Soil	10/19/06 07:40	10/20/06 10:00
TP1-Stockpile	PPJ0944-10	Soil	10/19/06 13:35	10/20/06 10:00

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-01 (TP1-1-4.75)		**Soil**			**Sampled: 10/18/06 13:40**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	19.5	mg/kg dry	1x	6101187	10/24/06 12:30	10/24/06 20:58	
Diesel Range Hydrocarbons	"	ND	-----	48.7	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	97.5	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*90.9%*		*50 - 150 %*	"			"	
PPJ0944-02 (TP1-2-4.75)		**Soil**			**Sampled: 10/18/06 14:25**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	20.0	mg/kg dry	1x	6101187	10/24/06 12:30	10/24/06 21:32	
Diesel Range Hydrocarbons	"	ND	-----	50.1	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	100	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*88.6%*		*50 - 150 %*	"			"	
PPJ0944-03 (TP1-3-4.75)		**Soil**			**Sampled: 10/18/06 14:35**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	23.5	mg/kg dry	1x	6101187	10/24/06 12:30	10/24/06 22:07	
Diesel Range Hydrocarbons	"	ND	-----	58.7	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	117	"	"	"	"	"	**D-14**
Surrogate(s): 1-Chlorooctadecane			*99.1%*		*50 - 150 %*	"			"	
PPJ0944-04 (TP1-4-5.75)		**Soil**			**Sampled: 10/18/06 15:25**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	22.0	mg/kg dry	1x	6101187	10/24/06 12:30	10/24/06 22:41	
Diesel Range Hydrocarbons	"	ND	-----	54.9	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	110	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*99.0%*		*50 - 150 %*	"			"	
PPJ0944-05 (TP1-5-4.75)		**Soil**			**Sampled: 10/19/06 08:30**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	22.9	mg/kg dry	1x	6101187	10/24/06 12:30	10/24/06 23:16	
Diesel Range Hydrocarbons	"	ND	-----	57.2	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	114	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*95.5%*		*50 - 150 %*	"			"	
PPJ0944-06 (TP2-1-6)		**Soil**			**Sampled: 10/19/06 07:45**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	16.5	mg/kg dry	1x	6101187	10/24/06 12:30	10/24/06 23:51	
Diesel Range Hydrocarbons	"	ND	-----	41.2	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	82.5	"	"	"	"	"	**D-14**
Surrogate(s): 1-Chlorooctadecane			*89.0%*		*50 - 150 %*	"			"	

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Lisa Domenighini For Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-07 (TP2-2-4.75)		**Soil**				**Sampled: 10/19/06 08:05**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	21.5	mg/kg dry	1x	6101187	10/24/06 12:30	10/25/06 00:25	
Diesel Range Hydrocarbons	"	ND	-----	53.6	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	107	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*91.5%*		*50 - 150 %*	"			"	
PPJ0944-08 (TP2-3-4.75)		**Soil**				**Sampled: 10/19/06 07:55**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	22.5	mg/kg dry	1x	6101187	10/24/06 12:30	10/25/06 01:00	
Diesel Range Hydrocarbons	"	ND	-----	56.1	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	112	"	"	"	"	"	**D-14**
Surrogate(s): 1-Chlorooctadecane			*87.8%*		*50 - 150 %*	"			"	
PPJ0944-09 (TP2-4-7)		**Soil**				**Sampled: 10/19/06 07:40**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	17.4	mg/kg dry	1x	6101187	10/24/06 12:30	10/25/06 01:35	
Diesel Range Hydrocarbons	"	**DET**	-----	43.4	"	"	"	"	"	**D-16**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	86.9	"	"	"	"	"	**D-14**
Surrogate(s): 1-Chlorooctadecane			*85.5%*		*50 - 150 %*	"			"	
PPJ0944-10 (TP1-Stockpile)		**Soil**				**Sampled: 10/19/06 13:35**				
Gasoline Range Hydrocarbons	NWTPH HCID	**DET**	-----	22.8	mg/kg dry	1x	6101187	10/24/06 12:30	10/25/06 02:10	
Diesel Range Hydrocarbons	"	**DET**	-----	57.1	"	"	"	"	"	**D-09**
Heavy Oil Range Hydrocarbons	"	**DET**	-----	114	"	"	"	"	"	**D-14**
Surrogate(s): 1-Chlorooctadecane			*91.8%*		*50 - 150 %*	"			"	

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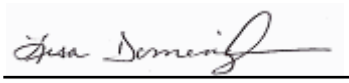

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1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Gasoline Hydrocarbons per NW TPH-Gx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-10 (TP1-Stockpile)		**Soil**			**Sampled: 10/19/06 13:35**					
Gasoline Range Hydrocarbons	NW TPH-Gx	**190**	-----	4.81	mg/kg dry	1x	6101416	10/27/06 17:50	10/30/06 12:09	
Surrogate(s): a,a,a-TFT			*85.0%*		*50 - 150 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-03 (TP1-3-4.75)		**Soil**			**Sampled: 10/18/06 14:35**					
Diesel Range Organics	NWTPH-Dx	**34.7**	-----	16.0	mg/kg dry	1x	6101477	10/30/06 14:55	10/31/06 16:43	
Heavy Oil Range Hydrocarbons	"	**98.6**	-----	32.0	"	"	"	"	"	**A-01**
Surrogate(s): 1-Chlorooctadecane			*111%*		*50 - 150 %*	"			"	
PPJ0944-06 (TP2-1-6)		**Soil**			**Sampled: 10/19/06 07:45**					
Diesel Range Organics	NWTPH-Dx	**26.2**	-----	14.3	mg/kg dry	1x	6101477	10/30/06 14:55	10/31/06 17:16	
Heavy Oil Range Hydrocarbons	"	**173**	-----	28.6	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*118%*		*50 - 150 %*	"			"	
PPJ0944-08 (TP2-3-4.75)		**Soil**			**Sampled: 10/19/06 07:55**					
Diesel Range Organics	NWTPH-Dx	**64.4**	-----	15.0	mg/kg dry	1x	6101477	10/30/06 14:55	10/31/06 17:48	
Heavy Oil Range Hydrocarbons	"	**182**	-----	29.9	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*106%*		*50 - 150 %*	"			"	
PPJ0944-09 (TP2-4-7)		**Soil**			**Sampled: 10/19/06 07:40**					
Diesel Range Organics	NWTPH-Dx	**97.3**	-----	14.3	mg/kg dry	1x	6101477	10/30/06 14:55	10/31/06 18:20	
Heavy Oil Range Hydrocarbons	"	**225**	-----	28.6	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*111%*		*50 - 150 %*	"			"	
PPJ0944-10 (TP1-Stockpile)		**Soil**			**Sampled: 10/19/06 13:35**					
Diesel Range Organics	NWTPH-Dx	**43.2**	-----	15.5	mg/kg dry	1x	6101477	10/30/06 14:55	10/31/06 18:51	**A-02**
Heavy Oil Range Hydrocarbons	"	**162**	-----	30.9	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*111%*		*50 - 150 %*	"			"	

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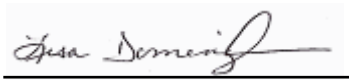

Lisa Domenighini For Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-01 (TP1-1-4.75)		**Soil**			**Sampled: 10/18/06 13:40**					
Acetone	EPA 8260B	ND	-----	2730	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 02:06	
Benzene	"	ND	-----	21.8	"	"	"	"	"	
Bromobenzene	"	ND	-----	109	"	"	"	"	"	
Bromochloromethane	"	ND	-----	109	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	109	"	"	"	"	"	
Bromoform	"	ND	-----	109	"	"	"	"	"	
Bromomethane	"	ND	-----	546	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1090	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	546	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	109	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	109	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1090	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	109	"	"	"	"	"	
Chlorobenzene	"	ND	-----	109	"	"	"	"	"	
Chloroethane	"	ND	-----	109	"	"	"	"	"	
Chloroform	"	ND	-----	109	"	"	"	"	"	
Chloromethane	"	ND	-----	546	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	109	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	109	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	546	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	109	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	109	"	"	"	"	"	
Dibromomethane	"	ND	-----	109	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	109	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	109	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	109	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	546	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	109	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	109	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	109	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	109	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	109	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	109	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	109	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	109	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	109	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	109	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	109	"	"	"	"	"	
Ethylbenzene	"	ND	-----	109	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	437	"	"	"	"	"	
2-Hexanone	"	ND	-----	1090	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	218	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	218	"	"	"	"	"	

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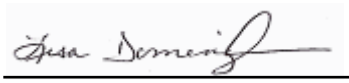

Lisa Domenighini For Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-01 (TP1-1-4.75)		**Soil**			**Sampled: 10/18/06 13:40**					
4-Methyl-2-pentanone	EPA 8260B	ND	-----	546	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 02:06	
Methyl tert-butyl ether	"	ND	-----	109	"	"	"	"	"	
Methylene chloride	"	ND	-----	546	"	"	"	"	"	
Naphthalene	"	ND	-----	218	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	109	"	"	"	"	"	
Styrene	"	ND	-----	109	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	109	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	109	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	109	"	"	"	"	"	
Toluene	"	ND	-----	109	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	109	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	109	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	109	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	109	"	"	"	"	"	
Trichloroethene	"	ND	-----	109	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	109	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	109	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	109	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	109	"	"	"	"	"	
Vinyl chloride	"	ND	-----	109	"	"	"	"	"	
o-Xylene	"	ND	-----	109	"	"	"	"	"	
m,p-Xylene	"	ND	-----	218	"	"	"	"	"	
Surrogate(s): 4-BFB		*100%*			*75 - 125 %*	*0.01x*			*"*	
1,2-DCA-d4		*89.4%*			*75 - 125 %*	*"*			*"*	
Dibromofluoromethane		*88.5%*			*75 - 125 %*	*"*			*"*	
Toluene-d8		*101%*			*75 - 125 %*	*"*			*"*	
PPJ0944-02 (TP1-2-4.75)		**Soil**			**Sampled: 10/18/06 14:25**					
Acetone	EPA 8260B	ND	-----	2740	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 02:34	
Benzene	"	ND	-----	21.9	"	"	"	"	"	
Bromobenzene	"	ND	-----	110	"	"	"	"	"	
Bromochloromethane	"	ND	-----	110	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	110	"	"	"	"	"	
Bromoform	"	ND	-----	110	"	"	"	"	"	
Bromomethane	"	ND	-----	548	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1100	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	548	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	110	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	110	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1100	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	110	"	"	"	"	"	
Chlorobenzene	"	ND	-----	110	"	"	"	"	"	

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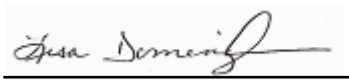

Lisa Domenighini For Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-02 (TP1-2-4.75)		**Soil**			**Sampled: 10/18/06 14:25**					
Chloroethane	EPA 8260B	ND	-----	110	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 02:34	
Chloroform	"	ND	-----	110	"	"	"	"	"	
Chloromethane	"	ND	-----	548	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	110	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	110	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	548	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	110	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	110	"	"	"	"	"	
Dibromomethane	"	ND	-----	110	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	110	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	548	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	110	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	110	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	110	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	110	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	110	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	110	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	110	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	110	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	110	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	110	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	110	"	"	"	"	"	
Ethylbenzene	"	ND	-----	110	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	439	"	"	"	"	"	
2-Hexanone	"	ND	-----	1100	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	219	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	219	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	548	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	110	"	"	"	"	"	
Methylene chloride	"	ND	-----	548	"	"	"	"	"	
Naphthalene	"	ND	-----	219	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	110	"	"	"	"	"	
Styrene	"	ND	-----	110	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	110	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	110	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	110	"	"	"	"	"	
Toluene	"	ND	-----	110	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	110	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	110	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	110	"	"	"	"	"	

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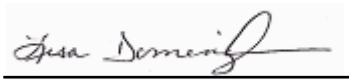

Lisa Domenighini For Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-02 (TP1-2-4.75)		**Soil**			**Sampled: 10/18/06 14:25**					
Trichloroethene	EPA 8260B	ND	-----	110	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 02:34	
Trichlorofluoromethane	"	ND	-----	110	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	110	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	110	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	110	"	"	"	"	"	
Vinyl chloride	"	ND	-----	110	"	"	"	"	"	
o-Xylene	"	ND	-----	110	"	"	"	"	"	
m,p-Xylene	"	ND	-----	219	"	"	"	"	"	
Surrogate(s): 4-BFB			*98.6%*		*75 - 125 %*	*0.01x*			"	
1,2-DCA-d4			*88.6%*		*75 - 125 %*	"			"	
Dibromofluoromethane			*87.7%*		*75 - 125 %*	"			"	
Toluene-d8			*102%*		*75 - 125 %*	"			"	
PPJ0944-03 (TP1-3-4.75)		**Soil**			**Sampled: 10/18/06 14:35**					
Acetone	EPA 8260B	ND	-----	3090	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 03:01	
Benzene	"	ND	-----	24.7	"	"	"	"	"	
Bromobenzene	"	ND	-----	124	"	"	"	"	"	
Bromochloromethane	"	ND	-----	124	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	124	"	"	"	"	"	
Bromoform	"	ND	-----	124	"	"	"	"	"	
Bromomethane	"	ND	-----	618	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1240	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	618	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	124	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	124	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1240	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	124	"	"	"	"	"	
Chlorobenzene	"	ND	-----	124	"	"	"	"	"	
Chloroethane	"	ND	-----	124	"	"	"	"	"	
Chloroform	"	ND	-----	124	"	"	"	"	"	
Chloromethane	"	ND	-----	618	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	124	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	124	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	618	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	124	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	124	"	"	"	"	"	
Dibromomethane	"	ND	-----	124	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	124	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	124	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	124	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	618	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	124	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-03 (TP1-3-4.75)		**Soil**			**Sampled: 10/18/06 14:35**					
1,2-Dichloroethane	EPA 8260B	ND	-----	124	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 03:01	
1,1-Dichloroethene	"	ND	-----	124	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	124	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	124	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	124	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	124	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	124	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	124	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	124	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	124	"	"	"	"	"	
Ethylbenzene	"	ND	-----	124	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	494	"	"	"	"	"	
2-Hexanone	"	ND	-----	1240	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	247	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	247	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	618	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	124	"	"	"	"	"	
Methylene chloride	"	ND	-----	618	"	"	"	"	"	
Naphthalene	"	ND	-----	247	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	124	"	"	"	"	"	
Styrene	"	ND	-----	124	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	124	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	124	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	124	"	"	"	"	"	
Toluene	"	**528**	-----	124	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	124	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	124	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	124	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	124	"	"	"	"	"	
Trichloroethene	"	ND	-----	124	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	124	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	124	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	124	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	124	"	"	"	"	"	
Vinyl chloride	"	ND	-----	124	"	"	"	"	"	
o-Xylene	"	ND	-----	124	"	"	"	"	"	
m,p-Xylene	"	ND	-----	247	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*97.2%*		*75 - 125 %*	*0.01x*			"	
	1,2-DCA-d4		*88.7%*		*75 - 125 %*	"			"	
	Dibromofluoromethane		*85.0%*		*75 - 125 %*	"			"	
	Toluene-d8		*101%*		*75 - 125 %*	"			"	

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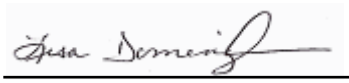

Lisa Domenighini For Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-04 (TP1-4-5.75)		**Soil**			**Sampled: 10/18/06 15:25**					
Acetone	EPA 8260B	ND	-----	2830	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 03:28	
Benzene	"	ND	-----	22.7	"	"	"	"	"	
Bromobenzene	"	ND	-----	113	"	"	"	"	"	
Bromochloromethane	"	ND	-----	113	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	113	"	"	"	"	"	
Bromoform	"	ND	-----	113	"	"	"	"	"	
Bromomethane	"	ND	-----	567	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1130	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	567	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	113	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	113	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1130	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	113	"	"	"	"	"	
Chlorobenzene	"	ND	-----	113	"	"	"	"	"	
Chloroethane	"	ND	-----	113	"	"	"	"	"	
Chloroform	"	ND	-----	113	"	"	"	"	"	
Chloromethane	"	ND	-----	567	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	113	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	113	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	567	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	113	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	113	"	"	"	"	"	
Dibromomethane	"	ND	-----	113	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	113	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	113	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	113	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	567	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	113	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	113	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	113	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	113	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	113	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	113	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	113	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	113	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	113	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	113	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	113	"	"	"	"	"	
Ethylbenzene	"	ND	-----	113	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	453	"	"	"	"	"	
2-Hexanone	"	ND	-----	1130	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	227	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	227	"	"	"	"	"	

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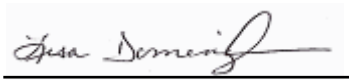

Lisa Domenighini For Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-04 (TP1-4-5.75)		**Soil**			**Sampled: 10/18/06 15:25**					
4-Methyl-2-pentanone	EPA 8260B	ND	-----	567	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 03:28	
Methyl tert-butyl ether	"	ND	-----	113	"	"	"	"	"	
Methylene chloride	"	ND	-----	567	"	"	"	"	"	
Naphthalene	"	ND	-----	227	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	113	"	"	"	"	"	
Styrene	"	ND	-----	113	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	113	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	113	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	113	"	"	"	"	"	
Toluene	"	ND	-----	113	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	113	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	113	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	113	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	113	"	"	"	"	"	
Trichloroethene	"	ND	-----	113	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	113	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	113	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	113	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	113	"	"	"	"	"	
Vinyl chloride	"	ND	-----	113	"	"	"	"	"	
o-Xylene	"	ND	-----	113	"	"	"	"	"	
m,p-Xylene	"	ND	-----	227	"	"	"	"	"	
Surrogate(s): 4-BFB		*96.9%*			*75 - 125 %*	*0.01x*			*"*	
1,2-DCA-d4		*86.8%*			*75 - 125 %*	*"*			*"*	
Dibromofluoromethane		*89.9%*			*75 - 125 %*	*"*			*"*	
Toluene-d8		*103%*			*75 - 125 %*	*"*			*"*	
PPJ0944-05 (TP1-5-4.75)		**Soil**			**Sampled: 10/19/06 08:30**					
Acetone	EPA 8260B	ND	-----	3010	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 03:56	
Benzene	"	ND	-----	24.1	"	"	"	"	"	
Bromobenzene	"	ND	-----	121	"	"	"	"	"	
Bromochloromethane	"	ND	-----	121	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	121	"	"	"	"	"	
Bromoform	"	ND	-----	121	"	"	"	"	"	
Bromomethane	"	ND	-----	603	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	1210	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	603	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	121	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	121	"	"	"	"	"	
Carbon disulfide	"	ND	-----	1210	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	121	"	"	"	"	"	
Chlorobenzene	"	ND	-----	121	"	"	"	"	"	

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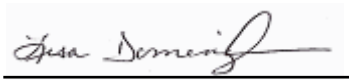

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-05 (TP1-5-4.75)		**Soil**			**Sampled: 10/19/06 08:30**					
Chloroethane	EPA 8260B	ND	-----	121	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 03:56	
Chloroform	"	ND	-----	121	"	"	"	"	"	
Chloromethane	"	ND	-----	603	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	121	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	121	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	603	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	121	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	121	"	"	"	"	"	
Dibromomethane	"	ND	-----	121	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	121	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	121	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	121	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	603	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	121	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	121	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	121	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	121	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	121	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	121	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	121	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	121	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	121	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	121	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	121	"	"	"	"	"	
Ethylbenzene	"	ND	-----	121	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	482	"	"	"	"	"	
2-Hexanone	"	ND	-----	1210	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	241	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	241	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	603	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	121	"	"	"	"	"	
Methylene chloride	"	ND	-----	603	"	"	"	"	"	
Naphthalene	"	ND	-----	241	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	121	"	"	"	"	"	
Styrene	"	ND	-----	121	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	121	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	121	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	121	"	"	"	"	"	
Toluene	"	**284**	-----	121	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	121	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	121	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	121	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	121	"	"	"	"	"	

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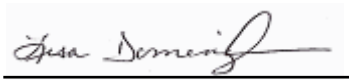

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-05 (TP1-5-4.75)		**Soil**			**Sampled: 10/19/06 08:30**					
Trichloroethene	EPA 8260B	ND	-----	121	ug/kg dry	1x	6101153	10/23/06 13:00	10/25/06 03:56	
Trichlorofluoromethane	"	ND	-----	121	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	121	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	**124**	-----	121	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	121	"	"	"	"	"	
Vinyl chloride	"	ND	-----	121	"	"	"	"	"	
o-Xylene	"	ND	-----	121	"	"	"	"	"	
m,p-Xylene	"	**464**	-----	241	"	"	"	"	"	
Surrogate(s): 4-BFB			*99.2%*		*75 - 125 %*	*0.01x*			*"*	
1,2-DCA-d4			*88.8%*		*75 - 125 %*	*"*			*"*	
Dibromofluoromethane			*88.4%*		*75 - 125 %*	*"*			*"*	
Toluene-d8			*104%*		*75 - 125 %*	*"*			*"*	
PPJ0944-10 (TP1-Stockpile)		**Soil**			**Sampled: 10/19/06 13:35**					
Acetone	EPA 8260B	ND	-----	14700	ug/kg dry	5x	6101153	10/23/06 13:00	10/25/06 17:14	
Benzene	"	ND	-----	118	"	"	"	"	"	
Bromobenzene	"	ND	-----	588	"	"	"	"	"	
Bromochloromethane	"	ND	-----	588	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	588	"	"	"	"	"	
Bromoform	"	ND	-----	588	"	"	"	"	"	
Bromomethane	"	ND	-----	2940	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	5880	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	2940	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	588	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	588	"	"	"	"	"	
Carbon disulfide	"	ND	-----	5880	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	588	"	"	"	"	"	
Chlorobenzene	"	ND	-----	588	"	"	"	"	"	
Chloroethane	"	ND	-----	588	"	"	"	"	"	
Chloroform	"	ND	-----	588	"	"	"	"	"	
Chloromethane	"	ND	-----	2940	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	588	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	588	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	2940	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	588	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	588	"	"	"	"	"	
Dibromomethane	"	ND	-----	588	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	588	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	588	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	588	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	2940	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	588	"	"	"	"	"	

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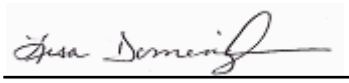
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-10 (TP1-Stockpile)		**Soil**			**Sampled: 10/19/06 13:35**					
1,2-Dichloroethane	EPA 8260B	ND	-----	588	ug/kg dry	5x	6101153	10/23/06 13:00	10/25/06 17:14	
1,1-Dichloroethene	"	ND	-----	588	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	588	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	588	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	588	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	588	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	588	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	588	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	588	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	588	"	"	"	"	"	
Ethylbenzene	"	ND	-----	588	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	2350	"	"	"	"	"	
2-Hexanone	"	ND	-----	5880	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	1180	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	1180	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	2940	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	588	"	"	"	"	"	
Methylene chloride	"	ND	-----	2940	"	"	"	"	"	
Naphthalene	"	ND	-----	1180	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	588	"	"	"	"	"	
Styrene	"	ND	-----	588	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	588	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	588	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	588	"	"	"	"	"	
Toluene	"	**75300**	-----	588	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	588	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	588	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	588	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	588	"	"	"	"	"	
Trichloroethene	"	ND	-----	588	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	588	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	588	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	**747**	-----	588	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	588	"	"	"	"	"	
Vinyl chloride	"	ND	-----	588	"	"	"	"	"	
o-Xylene	"	ND	-----	588	"	"	"	"	"	
m,p-Xylene	"	**1190**	-----	1180	"	"	"	"	"	
Surrogate(s): *4-BFB*			*97.9%*		*75 - 125 %*	*0.01x*			"	
1,2-DCA-d4			*83.0%*		*75 - 125 %*	"			"	
Dibromofluoromethane			*83.8%*		*75 - 125 %*	"			"	
Toluene-d8			*94.0%*		*75 - 125 %*	"			"	

TestAmerica - Portland, OR



Lisa Domenighini For Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-09 (TP2-4-7)		**Soil**			**Sampled: 10/19/06 07:40**					**R-05**
Carbazole	EPA 8270C	ND	-----	1.47	mg/kg dry	4x	6101484	10/30/06 18:15	11/09/06 07:19	
Acenaphthene	"	ND	-----	1.47	"	"	"	"	"	
Acenaphthylene	"	ND	-----	1.47	"	"	"	"	"	
Anthracene	"	ND	-----	1.47	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	1.47	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	1.47	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	1.47	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	1.47	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	1.47	"	"	"	"	"	
Benzoic Acid	"	ND	-----	4.47	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	4.47	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	1.47	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	1.47	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	1.47	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	8.94	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	1.47	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	1.47	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	1.47	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	1.47	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	1.47	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	1.47	"	"	"	"	"	
Chrysene	"	ND	-----	1.47	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	4.47	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	1.47	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	1.47	"	"	"	"	"	
Dibenzofuran	"	ND	-----	1.47	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	4.47	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.47	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.47	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.47	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	1.47	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	1.47	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	4.47	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	1.47	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	4.47	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	8.94	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	2.23	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	2.23	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	8.94	"	"	"	"	"	
Fluoranthene	"	ND	-----	1.47	"	"	"	"	"	
Fluorene	"	ND	-----	1.47	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	1.47	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.47	"	"	"	"	"	

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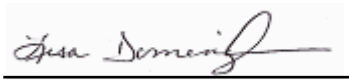

Lisa Domenighini For Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

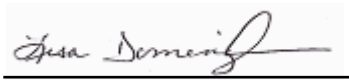
PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-09 (TP2-4-7)		**Soil**			**Sampled: 10/19/06 07:40**					**R-05**
Hexachlorocyclopentadiene	EPA 8270C	ND	-----	4.47	mg/kg dry	4x	6101484	10/30/06 18:15	11/09/06 07:19	
Hexachloroethane	"	ND	-----	4.47	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	1.47	"	"	"	"	"	
Isophorone	"	ND	-----	1.47	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	1.47	"	"	"	"	"	
2-Methylphenol	"	ND	-----	1.47	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	1.47	"	"	"	"	"	
Naphthalene	"	ND	-----	1.47	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	1.47	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	4.47	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	1.47	"	"	"	"	"	
Nitrobenzene	"	ND	-----	1.47	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	1.47	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	4.47	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	1.47	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	1.47	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	4.47	"	"	"	"	"	
Phenanthrene	"	ND	-----	1.47	"	"	"	"	"	
Phenol	"	ND	-----	1.47	"	"	"	"	"	
Pyrene	"	ND	-----	1.47	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	4.47	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	1.47	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	1.47	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*78.1%*			*33 - 126 %*	"			"	
2-Fluorophenol		*64.8%*			*20 - 127 %*	"			"	
Nitrobenzene-d5		*67.0%*			*25 - 131 %*	"			"	
Phenol-d6		*75.0%*			*13 - 138 %*	"			"	
p-Terphenyl-d14		*79.6%*			*38 - 142 %*	"			"	
2,4,6-Tribromophenol		*75.7%*			*46 - 124 %*	"			"	



Lisa Domenighini For Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-10 (TP1-Stockpile)		**Soil**			**Sampled: 10/19/06 13:35**					**R-05**
Carbazole	EPA 8270C	ND	-----	1.19	mg/kg dry	3x	6101484	10/30/06 18:15	11/09/06 08:04	
Acenaphthene	"	ND	-----	1.19	"	"	"	"	"	
Acenaphthylene	"	ND	-----	1.19	"	"	"	"	"	
Anthracene	"	ND	-----	1.19	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	1.19	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	1.19	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	1.19	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	1.19	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	1.19	"	"	"	"	"	
Benzoic Acid	"	ND	-----	3.61	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	3.61	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	1.19	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	1.19	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	1.19	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	7.22	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	1.19	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	1.19	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	1.19	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	1.19	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	1.19	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	1.19	"	"	"	"	"	
Chrysene	"	ND	-----	1.19	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	3.61	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	1.19	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	1.19	"	"	"	"	"	
Dibenzofuran	"	ND	-----	1.19	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	3.61	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	3.61	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	3.61	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	3.61	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	1.19	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	1.19	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	3.61	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	1.19	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	3.61	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	7.22	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	1.81	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	1.81	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	7.22	"	"	"	"	"	
Fluoranthene	"	ND	-----	1.19	"	"	"	"	"	
Fluorene	"	ND	-----	1.19	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	1.19	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	3.61	"	"	"	"	"	

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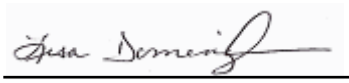

Lisa Domenighini For Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-10 (TP1-Stockpile)		**Soil**			**Sampled: 10/19/06 13:35**					**R-05**
Hexachlorocyclopentadiene	EPA 8270C	ND	-----	3.61	mg/kg dry	3x	6101484	10/30/06 18:15	11/09/06 08:04	
Hexachloroethane	"	ND	-----	3.61	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	1.19	"	"	"	"	"	
Isophorone	"	ND	-----	1.19	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	1.19	"	"	"	"	"	
2-Methylphenol	"	ND	-----	1.19	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	1.19	"	"	"	"	"	
Naphthalene	"	ND	-----	1.19	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	1.19	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	3.61	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	1.19	"	"	"	"	"	
Nitrobenzene	"	ND	-----	1.19	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	1.19	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	3.61	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	1.19	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	1.19	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	3.61	"	"	"	"	"	
Phenanthrene	"	ND	-----	1.19	"	"	"	"	"	
Phenol	"	ND	-----	1.19	"	"	"	"	"	
Pyrene	"	ND	-----	1.19	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	3.61	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	1.19	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	1.19	"	"	"	"	"	
Surrogate(s): 2-Fluorobiphenyl		*76.1%*			*33 - 126 %*	"			"	
2-Fluorophenol		*62.0%*			*20 - 127 %*	"			"	
Nitrobenzene-d5		*64.5%*			*25 - 131 %*	"			"	
Phenol-d6		*72.1%*			*13 - 138 %*	"			"	
p-Terphenyl-d14		*86.0%*			*38 - 142 %*	"			"	
2,4,6-Tribromophenol		*72.4%*			*46 - 124 %*	"			"	

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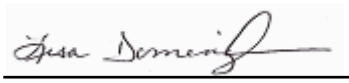

Lisa Domenighini For Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

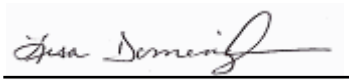
SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-03 (TP1-3-4.75)		**Soil**			**Sampled: 10/18/06 14:35**					**R-05**
Acenaphthene	EPA 8270m	ND	-----	332	ug/kg dry	20x	6101485	10/30/06 17:40	11/09/06 00:02	
Acenaphthylene	"	ND	-----	332	"	"	"	"	"	
Anthracene	"	ND	-----	332	"	"	"	"	"	
Benzo (a) anthracene	"	**720**	-----	332	"	"	"	"	"	
Benzo (a) pyrene	"	**656**	-----	332	"	"	"	"	"	
Benzo (b) fluoranthene	"	**581**	-----	332	"	"	"	"	"	
Benzo (k) fluoranthene	"	**582**	-----	332	"	"	"	"	"	
Benzo (ghi) perylene	"	**655**	-----	332	"	"	"	"	"	
Chrysene	"	**867**	-----	332	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	332	"	"	"	"	"	
Fluoranthene	"	**1540**	-----	332	"	"	"	"	"	
Fluorene	"	ND	-----	332	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**530**	-----	332	"	"	"	"	"	
Naphthalene	"	ND	-----	332	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	1660	"	"	"	"	"	
Phenanthrene	"	**1360**	-----	332	"	"	"	"	"	
Pyrene	"	**1460**	-----	332	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*92.2%*		*32 - 134 %*	"			"	
2,4,6-Tribromophenol			*100%*		*10 - 150 %*	"			"	***J***
Pyrene-d10			*97.1%*		*41 - 152 %*	"			"	
Benzo (a) pyrene-d12			*92.0%*		*36 - 145 %*	"			"	
PPJ0944-06 (TP2-1-6)		**Soil**			**Sampled: 10/19/06 07:45**					**R-05**
Acenaphthene	EPA 8270m	ND	-----	155	ug/kg dry	10x	6101485	10/30/06 17:40	11/09/06 00:34	
Acenaphthylene	"	ND	-----	155	"	"	"	"	"	
Anthracene	"	ND	-----	155	"	"	"	"	"	
Benzo (a) anthracene	"	**228**	-----	155	"	"	"	"	"	
Benzo (a) pyrene	"	**222**	-----	155	"	"	"	"	"	
Benzo (b) fluoranthene	"	**821**	-----	155	"	"	"	"	"	
Benzo (k) fluoranthene	"	**522**	-----	155	"	"	"	"	"	
Benzo (ghi) perylene	"	**224**	-----	155	"	"	"	"	"	
Chrysene	"	**782**	-----	155	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	155	"	"	"	"	"	
Fluoranthene	"	**1020**	-----	155	"	"	"	"	"	
Fluorene	"	ND	-----	155	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**196**	-----	155	"	"	"	"	"	
Naphthalene	"	ND	-----	155	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	774	"	"	"	"	"	
Phenanthrene	"	**260**	-----	155	"	"	"	"	"	
Pyrene	"	**780**	-----	155	"	"	"	"	"	

TestAmerica - Portland, OR



Lisa Domenighini For Sarah Rockwell, Project Manager

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ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-06 (TP2-1-6)		**Soil**			**Sampled: 10/19/06 07:45**					**R-05**
Surrogate(s): Fluorene-d10		*88.2%*			*32 - 134 %*	*10x*			*11/09/06 00:34*	
2,4,6-Tribromophenol		*90.8%*			*10 - 150 %*	"			"	
Pyrene-d10		*86.7%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*55.6%*			*36 - 145 %*	"			"	
PPJ0944-07 (TP2-2-4.75)		**Soil**			**Sampled: 10/19/06 08:05**					
Acenaphthene	EPA 8270m	ND	-----	14.6	ug/kg dry	1x	6101485	10/30/06 17:40	11/09/06 01:06	
Acenaphthylene	"	ND	-----	14.6	"	"	"	"	"	
Anthracene	"	ND	-----	14.6	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	14.6	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	14.6	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	14.6	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	14.6	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	14.6	"	"	"	"	"	
Chrysene	"	ND	-----	14.6	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	14.6	"	"	"	"	"	
Fluoranthene	"	ND	-----	14.6	"	"	"	"	"	
Fluorene	"	ND	-----	14.6	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	14.6	"	"	"	"	"	
Naphthalene	"	ND	-----	14.6	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	72.9	"	"	"	"	"	
Phenanthrene	"	ND	-----	14.6	"	"	"	"	"	
Pyrene	"	ND	-----	14.6	"	"	"	"	"	
Surrogate(s): Fluorene-d10		*84.1%*			*32 - 134 %*	"			"	
2,4,6-Tribromophenol		*90.2%*			*10 - 150 %*	"			"	
Pyrene-d10		*84.7%*			*41 - 152 %*	"			"	
Benzo (a) pyrene-d12		*88.1%*			*36 - 145 %*	"			"	
PPJ0944-08 (TP2-3-4.75)		**Soil**			**Sampled: 10/19/06 07:55**					**R-05**
Acenaphthene	EPA 8270m	**160**	-----	79.1	ug/kg dry	5x	6101485	10/30/06 17:40	11/09/06 16:55	
Acenaphthylene	"	ND	-----	79.1	"	"	"	"	"	
Anthracene	"	ND	-----	79.1	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	79.1	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	79.1	"	"	"	"	"	
Benzo (b) fluoranthene	"	**106**	-----	79.1	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	79.1	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	79.1	"	"	"	"	"	
Chrysene	"	**146**	-----	79.1	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	79.1	"	"	"	"	"	
Fluoranthene	"	**196**	-----	79.1	"	"	"	"	"	
Fluorene	"	**156**	-----	79.1	"	"	"	"	"	

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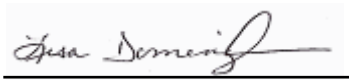

Lisa Domenighini For Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-08 (TP2-3-4.75)		**Soil**			**Sampled: 10/19/06 07:55**					**R-05**
Indeno (1,2,3-cd) pyrene	EPA 8270m	ND	-----	79.1	ug/kg dry	5x	6101485	10/30/06 17:40	11/09/06 16:55	
Naphthalene	"	ND	-----	79.1	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	395	"	"	"	"	"	
Phenanthrene	"	**432**	-----	79.1	"	"	"	"	"	
Pyrene	"	**199**	-----	79.1	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*88.5%*		*32 - 134 %*	"			"	
2,4,6-Tribromophenol			*93.7%*		*10 - 150 %*	"			"	
Pyrene-d10			*79.2%*		*41 - 152 %*	"			"	
Benzo (a) pyrene-d12			*84.8%*		*36 - 145 %*	"			"	
PPJ0944-09 (TP2-4-7)		**Soil**			**Sampled: 10/19/06 07:40**					**R-05**
Acenaphthene	EPA 8270m	ND	-----	59.9	ug/kg dry	4x	6101485	10/30/06 17:40	11/09/06 19:07	
Acenaphthylene	"	ND	-----	59.9	"	"	"	"	"	
Anthracene	"	ND	-----	59.9	"	"	"	"	11/09/06 17:27	
Benzo (a) anthracene	"	ND	-----	59.9	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	59.9	"	"	"	"	"	
Benzo (b) fluoranthene	"	**86.9**	-----	59.9	"	"	"	"	"	**R-08**
Benzo (k) fluoranthene	"	ND	-----	59.9	"	"	"	"	"	**R-08**
Benzo (ghi) perylene	"	ND	-----	59.9	"	"	"	"	"	
Chrysene	"	**68.6**	-----	59.9	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	59.9	"	"	"	"	"	
Fluoranthene	"	**75.6**	-----	59.9	"	"	"	"	"	
Fluorene	"	ND	-----	59.9	"	"	"	"	11/09/06 19:07	
Indeno (1,2,3-cd) pyrene	"	ND	-----	59.9	"	"	"	"	11/09/06 17:27	
Naphthalene	"	ND	-----	59.9	"	"	"	"	11/09/06 19:07	
Pentachlorophenol	"	ND	-----	299	"	"	"	"	11/09/06 17:27	
Phenanthrene	"	**64.6**	-----	59.9	"	"	"	"	"	
Pyrene	"	**71.2**	-----	59.9	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*86.6%*		*32 - 134 %*	"			*11/09/06 19:07*	
2,4,6-Tribromophenol			*117%*		*10 - 150 %*	"			"	
Pyrene-d10			*75.8%*		*41 - 152 %*	"			*11/09/06 17:27*	
Benzo (a) pyrene-d12			*88.5%*		*36 - 145 %*	"			"	

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Lisa Domenighini For Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-10 (TP1-Stockpile)		**Soil**			**Sampled: 10/19/06 13:35**					**R-05**
Acenaphthene	EPA 8270m	ND	-----	322	ug/kg dry	20x	6101485	10/30/06 17:40	11/09/06 03:41	
Acenaphthylene	"	ND	-----	322	"	"	"	"	"	
Anthracene	"	**496**	-----	322	"	"	"	"	"	
Benzo (a) anthracene	"	**933**	-----	322	"	"	"	"	"	
Benzo (a) pyrene	"	**734**	-----	322	"	"	"	"	"	
Benzo (b) fluoranthene	"	**656**	-----	322	"	"	"	"	"	
Benzo (k) fluoranthene	"	**745**	-----	322	"	"	"	"	"	
Benzo (ghi) perylene	"	**428**	-----	322	"	"	"	"	"	
Chrysene	"	**1130**	-----	322	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	322	"	"	"	"	"	
Fluoranthene	"	**1950**	-----	322	"	"	"	"	"	
Fluorene	"	ND	-----	322	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	**406**	-----	322	"	"	"	"	"	
Naphthalene	"	ND	-----	322	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	1610	"	"	"	"	"	
Phenanthrene	"	**2270**	-----	322	"	"	"	"	"	
Pyrene	"	**1630**	-----	322	"	"	"	"	"	
Surrogate(s): Fluorene-d10			*97.9%*		*32 - 134 %*	"			"	
2,4,6-Tribromophenol			*94.9%*		*10 - 150 %*	"			"	***J***
Pyrene-d10			*82.4%*		*41 - 152 %*	"			"	
Benzo (a) pyrene-d12			*91.5%*		*36 - 145 %*	"			"	

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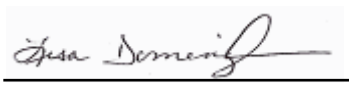

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPJ0944-01 (TP1-1-4.75)		**Soil**				**Sampled: 10/18/06 13:40**				
% Solids	NCA SOP	**87.4**	-----	0.00	% by Weight	1x	6101100	10/21/06 08:37	10/21/06 08:37	
PPJ0944-02 (TP1-2-4.75)		**Soil**				**Sampled: 10/18/06 14:25**				
% Solids	NCA SOP	**89.6**	-----	0.00	% by Weight	1x	6101100	10/21/06 08:37	10/21/06 08:37	
PPJ0944-03 (TP1-3-4.75)		**Soil**				**Sampled: 10/18/06 14:35**				
% Solids	NCA SOP	**79.4**	-----	0.00	% by Weight	1x	6101100	10/21/06 08:37	10/21/06 08:37	
PPJ0944-04 (TP1-4-5.75)		**Soil**				**Sampled: 10/18/06 15:25**				
% Solids	NCA SOP	**85.5**	-----	0.00	% by Weight	1x	6101100	10/21/06 08:37	10/21/06 08:37	
PPJ0944-05 (TP1-5-4.75)		**Soil**				**Sampled: 10/19/06 08:30**				
% Solids	NCA SOP	**81.1**	-----	0.00	% by Weight	1x	6101100	10/21/06 08:37	10/21/06 08:37	
PPJ0944-06 (TP2-1-6)		**Soil**				**Sampled: 10/19/06 07:45**				
% Solids	NCA SOP	**85.5**	-----	0.00	% by Weight	1x	6101100	10/21/06 08:37	10/21/06 08:37	
PPJ0944-07 (TP2-2-4.75)		**Soil**				**Sampled: 10/19/06 08:05**				
% Solids	NCA SOP	**90.7**	-----	0.00	% by Weight	1x	6101100	10/21/06 08:37	10/21/06 08:37	
PPJ0944-08 (TP2-3-4.75)		**Soil**				**Sampled: 10/19/06 07:55**				
% Solids	NCA SOP	**84.6**	-----	0.00	% by Weight	1x	6101100	10/21/06 08:37	10/21/06 08:37	
PPJ0944-09 (TP2-4-7)		**Soil**				**Sampled: 10/19/06 07:40**				
% Solids	NCA SOP	**88.4**	-----	0.00	% by Weight	1x	6101100	10/21/06 08:37	10/21/06 08:37	
PPJ0944-10 (TP1-Stockpile)		**Soil**				**Sampled: 10/19/06 13:35**				
% Solids	NCA SOP	**82.2**	-----	0.00	% by Weight	1x	6101100	10/21/06 08:37	10/21/06 08:37	

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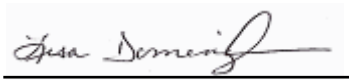

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

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QC Batch: 6101187 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6101187-BLK1)								**Extracted: 10/24/06 12:30**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	20.0	mg/kg wet	1x	--	--	--	--	--	--	10/24/06 19:14	
Diesel Range Hydrocarbons	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 86.1%*			*Limits: 50-150%*	"							*10/24/06 19:14*	
Duplicate (6101187-DUP1)					**QC Source: PPJ0944-01**			**Extracted: 10/24/06 12:30**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	20.6	mg/kg dry	1x	ND	--	--	--	NR	(50)	10/24/06 19:49	
Diesel Range Hydrocarbons	"	ND	---	51.4	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	---	103	"	"	ND	--	--	--	--	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 92.5%*			*Limits: 50-150%*	"							*10/24/06 19:49*	
Duplicate (6101187-DUP2)					**QC Source: PPJ0944-02**			**Extracted: 10/24/06 12:30**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	18.3	mg/kg dry	1x	ND	--	--	--	NR	(50)	10/24/06 20:24	
Diesel Range Hydrocarbons	"	ND	---	45.8	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	ND	---	91.6	"	"	ND	--	--	--	62.8%	"	"	Q-16
Surrogate(s): 1-Chlorooctadecane		*Recovery: 90.9%*			*Limits: 50-150%*	"							*10/24/06 20:24*	

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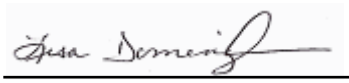

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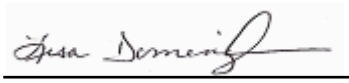
SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101416 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6101416-BLK1)									**Extracted: 10/27/06 13:06**					
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	3.95	mg/kg wet	1x	--	--	--	--	--	--	10/28/06 04:25	
Surrogate(s): a,a,a-TFT		*Recovery: 85.0%*			*Limits: 50-150%*	"							*10/28/06 04:25*	
LCS (6101416-BS1)									**Extracted: 10/27/06 13:06**					
Gasoline Range Hydrocarbons	NW TPH-Gx	19.0	---	3.82	mg/kg wet	1x	--	23.9	79.5%	(70-130)	--	--	10/28/06 03:29	
Surrogate(s): a,a,a-TFT		*Recovery: 96.2%*			*Limits: 50-150%*	"							*10/28/06 03:29*	
Duplicate (6101416-DUP1)					**QC Source: PPJ0958-02**				**Extracted: 10/27/06 13:06**					
Gasoline Range Hydrocarbons	NW TPH-Gx	ND	---	10.6	mg/kg dry	1x	ND	--	--	--		(40)	10/28/06 05:19	
Surrogate(s): a,a,a-TFT		*Recovery: 60.1%*			*Limits: 50-150%*	"							*10/28/06 05:19*	
Duplicate (6101416-DUP2)					**QC Source: PPJ0975-10**				**Extracted: 10/27/06 13:06**					
Gasoline Range Hydrocarbons	NW TPH-Gx	6.69	---	4.31	mg/kg dry	1x	6.72	--	--	--	0.447%	(40)	10/28/06 07:37	
Surrogate(s): a,a,a-TFT		*Recovery: 80.0%*			*Limits: 50-150%*	"							*10/28/06 07:37*	
Matrix Spike (6101416-MS1)					**QC Source: PPJ1135-01**				**Extracted: 10/27/06 13:06**					
Gasoline Range Hydrocarbons	NW TPH-Gx	70.7	---	4.25	mg/kg dry	1x	49.9	26.6	78.2%	(65-130)	--	--	10/28/06 09:55	
Surrogate(s): a,a,a-TFT		*Recovery: 85.7%*			*Limits: 50-150%*	"							*10/28/06 09:55*	



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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101477 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6101477-BLK1)								**Extracted: 10/30/06 14:55**						
Diesel Range Organics	NWTPH-Dx	ND	---	12.5	mg/kg wet	1x	--	--	--	--	--	--	10/31/06 15:07	
Heavy Oil Range Hydrocarbons	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 104%*			*Limits: 50-150%*	"							*10/31/06 15:07*	
LCS (6101477-BS1)								**Extracted: 10/30/06 14:55**						
Diesel Range Organics	NWTPH-Dx	135	---	12.5	mg/kg wet	1x	--	134	101%	(50-150)	--	--	10/31/06 15:39	
Heavy Oil Range Hydrocarbons	"	81.8	---	25.0	"	"	--	79.0	104%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 116%*			*Limits: 50-150%*	"							*10/31/06 15:39*	
Duplicate (6101477-DUP1)							**QC Source: PPJ0944-03**							
Diesel Range Organics	NWTPH-Dx	36.4	---	15.6	mg/kg dry	1x	34.7	--	--	--	4.78%	(50)	10/31/06 16:11	
Heavy Oil Range Hydrocarbons	"	107	---	31.1	"	"	98.6	--	--	--	8.17%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 110%*			*Limits: 50-150%*	"							*10/31/06 16:11*	

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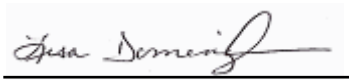

Lisa Domenighini For Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101153 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6101153-BLK1)								**Extracted: 10/23/06 13:00**						
Acetone	EPA 8260B	ND	---	2500	ug/kg wet	1x	--	--	--	--	--	--	10/23/06 19:45	
Benzene	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	998	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	499	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	998	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	499	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	

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Lisa Domenighini For Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101153 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6101153-BLK1)							**Extracted: 10/23/06 13:00**							
Hexachlorobutadiene	EPA 8260B	ND	---	399	ug/kg wet	1x	--	--	--	--	--	--	10/23/06 19:45	
2-Hexanone	"	ND	---	998	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	499	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	200	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	99.8	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	200	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery: 95.5%*	*Limits: 75-125%*	*0.01x*	*10/23/06 19:45*
	1,2-DCA-d4	*90.5%*	*75-125%*	*"*	*"*
	Dibromofluoromethane	*88.5%*	*75-125%*	*"*	*"*
	Toluene-d8	*96.5%*	*75-125%*	*"*	*"*

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Lisa Domenighini For Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101153 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6101153-BS1)													**Extracted: 10/23/06 13:00**	
Benzene	EPA 8260B	2140	---	20.0	ug/kg wet	1x	--	2000	107%	(81.9-125)	--	--	10/24/06 22:00	
Chlorobenzene	"	2060	---	99.8	"	"	--	"	103%	(79.2-125)	--	--	"	
1,1-Dichloroethene	"	1980	---	99.8	"	"	--	"	99.0%	(66.1-125)	--	--	"	
Toluene	"	2100	---	99.8	"	"	--	"	105%	(80-125)	--	--	"	
Trichloroethene	"	2290	---	99.8	"	"	--	"	114%	(76-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 102%*			*Limits: 75-125%*	*0.01x*							*10/24/06 22:00*	
1,2-DCA-d4		*98.0%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*97.5%*			*75-125%*	*"*							*"*	
Toluene-d8		*97.5%*			*75-125%*	*"*							*"*	
Matrix Spike (6101153-MS1)							**QC Source: PPJ0944-01**						**Extracted: 10/23/06 13:00**	
Benzene	EPA 8260B	2410	---	21.8	ug/kg dry	1x	ND	2180	111%	(68.5-125)	--	--	10/24/06 22:27	
Chlorobenzene	"	2280	---	109	"	"	ND	"	105%	(65.9-125)	--	--	"	
1,1-Dichloroethene	"	2220	---	109	"	"	ND	"	102%	(55.8-125)	--	--	"	
Toluene	"	2390	---	109	"	"	13.1	"	109%	(70.3-125)	--	--	"	
Trichloroethene	"	2520	---	109	"	"	ND	"	116%	(65.5-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 101%*			*Limits: 75-125%*	*0.01x*							*10/24/06 22:27*	
1,2-DCA-d4		*94.0%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*98.6%*			*75-125%*	*"*							*"*	
Toluene-d8		*99.5%*			*75-125%*	*"*							*"*	
Matrix Spike Dup (6101153-MSD1)							**QC Source: PPJ0944-01**						**Extracted: 10/23/06 13:00**	
Benzene	EPA 8260B	2640	---	21.8	ug/kg dry	1x	ND	2180	121%	(68.5-125)	9.11%	(25)	10/24/06 22:55	
Chlorobenzene	"	2490	---	109	"	"	ND	"	114%	(65.9-125)	8.81%	"	"	
1,1-Dichloroethene	"	2470	---	109	"	"	ND	"	113%	(55.8-125)	10.7%	"	"	
Toluene	"	2630	---	109	"	"	13.1	"	120%	(70.3-125)	9.56%	"	"	
Trichloroethene	"	2700	---	109	"	"	ND	"	124%	(65.5-125)	6.90%	"	"	
Surrogate(s): 4-BFB		*Recovery: 106%*			*Limits: 75-125%*	*0.01x*							*10/24/06 22:55*	
1,2-DCA-d4		*102%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*108%*			*75-125%*	*"*							*"*	
Toluene-d8		*111%*			*75-125%*	*"*							*"*	

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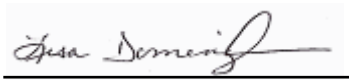

Lisa Domenighini For Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101484 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6101484-BLK1)									**Extracted: 10/30/06 18:15**					
Carbazole	EPA 8270C	ND	---	0.328	mg/kg wet	1x	--	--	--	--	--	--	11/02/06 11:10	
Acenaphthene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	1.99	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	1.99	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	0.497	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	0.497	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	1.99	"	"	--	--	--	--	--	--	"	

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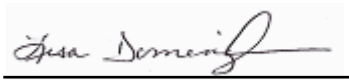

Lisa Domenighini For Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101484 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6101484-BLK1)							**Extracted: 10/30/06 18:15**							
Fluoranthene	EPA 8270C	ND	---	0.328	mg/kg wet	1x	--	--	--	--	--	--	11/02/06 11:10	
Fluorene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	0.993	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	0.328	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 82.7%*	*Limits: 30-115%*	"	*11/02/06 11:10*
	2-Fluorophenol	*71.2%*	*25-121%*	"	"
	Nitrobenzene-d5	*85.5%*	*23-120%*	"	"
	Phenol-d6	*77.3%*	*24-113%*	"	"
	p-Terphenyl-d14	*87.1%*	*18-137%*	"	"
	2,4,6-Tribromophenol	*80.7%*	*19-122%*	"	"

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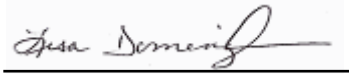

Lisa Domenighini For Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101484 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6101484-BS1)							**Extracted: 10/30/06 18:15**							
Acenaphthene	EPA 8270C	2.17	---	0.329	mg/kg wet	1x	--	2.49	87.1%	(46-120)	--	--	11/02/06 11:58	
4-Chloro-3-methylphenol	"	4.17	---	0.329	"	"	--	4.98	83.7%	(36-138)	--	--	"	
2-Chlorophenol	"	3.88	---	0.329	"	"	--	"	77.9%	(18-137)	--	--	"	
1,4-Dichlorobenzene	"	1.96	---	0.997	"	"	--	2.49	78.7%	(7-135)	--	--	"	
2,4-Dinitrotoluene	"	2.06	---	0.498	"	"	--	"	82.7%	(49-125)	--	--	"	
4-Nitrophenol	"	4.83	---	0.997	"	"	--	4.98	97.0%	(40-148)	--	--	"	
N-Nitrosodi-n-propylamine	"	2.26	---	0.329	"	"	--	2.49	90.8%	(20-138)	--	--	"	
Pentachlorophenol	"	3.13	---	0.997	"	"	--	4.98	62.9%	(22-129)	--	--	"	
Phenol	"	3.71	---	0.329	"	"	--	"	74.5%	(37-122)	--	--	"	
Pyrene	"	2.18	---	0.329	"	"	--	2.49	87.6%	(26-143)	--	--	"	
1,2,4-Trichlorobenzene	"	1.94	---	0.997	"	"	--	"	77.9%	(25-129)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 83.5%*			*Limits: 30-115%*	"							*11/02/06 11:58*	
2-Fluorophenol		*76.1%*			*25-121%*	"							"	
Nitrobenzene-d5		*85.5%*			*23-120%*	"							"	
Phenol-d6		*81.1%*			*24-113%*	"							"	
p-Terphenyl-d14		*89.6%*			*18-137%*	"							"	
2,4,6-Tribromophenol		*88.4%*			*19-122%*	"							"	
Matrix Spike (6101484-MS1)					**QC Source: PPJ1215-01**					**Extracted: 10/30/06 18:15**				R-05
Acenaphthene	EPA 8270C	4.52	---	2.22	mg/kg dry	5x	0.790	3.36	111%	(26-150)	--	--	11/02/06 17:24	
4-Chloro-3-methylphenol	"	5.96	---	2.22	"	"	ND	6.73	88.6%	"	--	--	"	
2-Chlorophenol	"	5.52	---	2.22	"	"	ND	"	82.0%	(8-150)	--	--	"	
1,4-Dichlorobenzene	"	2.36	---	6.73	"	"	ND	3.36	70.2%	(4-150)	--	--	"	
2,4-Dinitrotoluene	"	3.39	---	3.36	"	"	ND	"	101%	(32-150)	--	--	"	
4-Nitrophenol	"	5.46	---	6.73	"	"	ND	6.73	81.1%	(20-175)	--	--	"	
N-Nitrosodi-n-propylamine	"	2.76	---	2.22	"	"	ND	3.36	82.1%	(10-150)	--	--	"	
Pentachlorophenol	"	0.426	---	6.73	"	"	ND	6.73	6.33%	(12-150)	--	--	"	Q-01
Phenol	"	5.75	---	2.22	"	"	ND	"	85.4%	(17-150)	--	--	"	
Pyrene	"	6.46	---	2.22	"	"	2.72	3.36	111%	(16-175)	--	--	"	
1,2,4-Trichlorobenzene	"	2.54	---	6.73	"	"	ND	"	75.6%	(18-150)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 95.5%*			*Limits: 30-115%*	"							*11/02/06 17:24*	
2-Fluorophenol		*75.0%*			*25-121%*	"							"	
Nitrobenzene-d5		*77.7%*			*23-120%*	"							"	
Phenol-d6		*85.0%*			*24-113%*	"							"	
p-Terphenyl-d14		*105%*			*18-137%*	"							"	
2,4,6-Tribromophenol		*89.9%*			*19-122%*	"							"	

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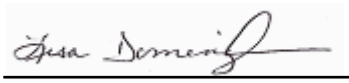

Lisa Domenighini For Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101484 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (6101484-MSD1)				QC Source: PPJ1215-01				Extracted: 10/30/06 18:15						R-05
Acenaphthene	EPA 8270C	3.78	---	2.22	mg/kg dry	5x	0.790	3.37	88.7%	(26-150)	17.8%	(60)	11/02/06 18:11	
4-Chloro-3-methylphenol	"	5.70	---	2.22	"	"	ND	6.73	84.7%	"	4.46%	"	"	
2-Chlorophenol	"	5.21	---	2.22	"	"	ND	"	77.4%	(8-150)	5.78%	"	"	
1,4-Dichlorobenzene	"	2.29	---	6.73	"	"	ND	3.37	68.0%	(4-150)	3.01%	"	"	
2,4-Dinitrotoluene	"	2.93	---	3.37	"	"	ND	"	86.9%	(32-150)	14.6%	"	"	
4-Nitrophenol	"	5.32	---	6.73	"	"	ND	6.73	79.0%	(20-175)	2.60%	"	"	
N-Nitrosodi-n-propylamine	"	2.61	---	2.22	"	"	ND	3.37	77.4%	(10-150)	5.59%	"	"	
Pentachlorophenol	"	0.483	---	6.73	"	"	ND	6.73	7.18%	(12-150)	12.5%	"	"	Q-01
Phenol	"	5.31	---	2.22	"	"	ND	"	78.9%	(17-150)	7.96%	"	"	
Pyrene	"	5.12	---	2.22	"	"	2.72	3.37	71.2%	(16-175)	23.1%	"	"	
1,2,4-Trichlorobenzene	"	2.48	---	6.73	"	"	ND	"	73.6%	(18-150)	2.39%	"	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 91.1%*	*Limits: 30-115%*	"		*11/02/06 18:11*
	2-Fluorophenol	*69.1%*	*25-121%*	"		"
	Nitrobenzene-d5	*72.7%*	*23-120%*	"		"
	Phenol-d6	*77.7%*	*24-113%*	"		"
	p-Terphenyl-d14	*98.2%*	*18-137%*	"		"
	2,4,6-Tribromophenol	*85.4%*	*19-122%*	"		"

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Lisa Domenighini For Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101485 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6101485-BLK1)							**Extracted: 10/30/06 17:40**							
Acenaphthene	EPA 8270m	ND	---	13.4	ug/kg wet	1x	--	--	--	--	--	--	11/04/06 20:16	
Acenaphthylene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Fluoranthene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Fluorene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	66.9	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	13.4	"	"	--	--	--	--	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*100%*		*Limits:*	*32-134%*	*"*						*11/04/06 20:16*	
	2,4,6-Tribromophenol		*99.2%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*113%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*114%*			*36-145%*	*"*						*"*	
LCS (6101485-BS1)							**Extracted: 10/30/06 17:40**							
Acenaphthene	EPA 8270m	181	---	13.4	ug/kg wet	1x	--	166	109%	(33-139)	--	--	11/04/06 20:47	
Benzo (a) pyrene	"	193	---	13.4	"	"	--	"	116%	(45-149)	--	--	"	
Pentachlorophenol	"	311	---	66.9	"	"	--	333	93.4%	(14-176)	--	--	"	
Pyrene	"	186	---	13.4	"	"	--	166	112%	(39-138)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*102%*		*Limits:*	*32-134%*	*"*						*11/04/06 20:47*	
	2,4,6-Tribromophenol		*121%*			*10-150%*	*"*						*"*	
	Pyrene-d10		*111%*			*41-152%*	*"*						*"*	
	Benzo (a) pyrene-d12		*115%*			*36-145%*	*"*						*"*	

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Lisa Domenighini For Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Polynuclear Aromatic Compounds and Pentachlorphenol per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101485 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (6101485-MS1)					QC Source: PPJ0691-02				Extracted: 10/30/06 17:40					R-05
Acenaphthene	EPA 8270m	285	---	309	ug/kg dry	5x	ND	308	92.5%	(33-139)	--	--	11/09/06 04:11	
Benzo (a) pyrene	"	693	---	309	"	"	408	"	92.5%	(45-149)	--	--	"	
Pentachlorophenol	"	1110	---	1550	"	"	ND	616	180%	(14-176)	--	--	"	Q-01
Pyrene	"	1120	---	309	"	"	901	308	71.1%	(39-138)	--	--	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*87.7%*		*Limits:*	*32-134%*	"						*11/09/06 04:11*	
	2,4,6-Tribromophenol		*133%*			*10-150%*	"						"	
	Pyrene-d10		*72.7%*			*41-152%*	"						"	
	Benzo (a) pyrene-d12		*82.5%*			*36-145%*	"						"	
Matrix Spike Dup (6101485-MSD1)					QC Source: PPJ0691-02				Extracted: 10/30/06 17:40					R-05
Acenaphthene	EPA 8270m	282	---	307	ug/kg dry	5x	ND	306	92.2%	(33-139)	1.06%	(50)	11/09/06 04:40	
Benzo (a) pyrene	"	670	---	307	"	"	408	"	85.6%	(45-149)	3.37%	"	"	
Pentachlorophenol	"	1190	---	1540	"	"	ND	611	195%	(14-176)	6.96%	(60)	"	Q-01
Pyrene	"	1160	---	307	"	"	901	306	84.6%	(39-138)	3.51%	(50)	"	
Surrogate(s):	*Fluorene-d10*	*Recovery:*	*90.8%*		*Limits:*	*32-134%*	"						*11/09/06 04:40*	
	2,4,6-Tribromophenol		*137%*			*10-150%*	"						"	
	Pyrene-d10		*78.4%*			*41-152%*	"						"	
	Benzo (a) pyrene-d12		*88.9%*			*36-145%*	"						"	

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Lisa Domenighini For Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Percent Dry Weight (Solids) per Standard Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6101100 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (6101100-DUP1)					**QC Source: PPJ0621-02**				**Extracted: 10/21/06 08:37**					
% Solids	NCA SOP	77.8	---	0.00	% by Weight	1x	78.3	--	--	--	0.641%	(20)	10/21/06 08:37	
Duplicate (6101100-DUP2)					**QC Source: PPJ0933-01**				**Extracted: 10/21/06 08:37**					
% Solids	NCA SOP	80.2	---	0.00	% by Weight	1x	79.9	--	--	--	0.375%	(20)	10/21/06 08:37	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/17/06 10:51

Notes and Definitions

Report Specific Notes:

A-01	-	Detected hydrocarbons have distinct peaks that have elution patterns similar to that of PAH's.
A-02	-	Detected hydrocarbons appear to be due to heavy gas/light diesel components, as well as oil overlap.
D-09	-	Detected hydrocarbons in the diesel range appear to be due to overlap of heavy/oil range hydrocarbons.
D-14	-	Hydrocarbon pattern and range are consistent with heavy oil and biogenic interference..
D-16	-	Detected hydrocarbons in the diesel range do not have a distinct diesel pattern and may be due to heavily weathered diesel.
J	-	Estimated value.
Q-01	-	The matrix spike recovery, and/or RPD, for this QC sample is outside of established control limits. Failure of a matrix spike QC sample does not represent an out-of-control condition for the batch.
Q-16	-	RPD is not applicable for analyte concentrations less than 5 times the MRL.
R-05	-	Reporting limits raised due to dilution necessary for analysis. Sample contains high levels of reported analyte, non-target analyte, and/or matrix interference.
R-08	-	Due to matrix unable to resolve Benzofluoranthene isomers. Value reported only in Benzo(b) category represents Total Benzo(b+k)fluoranthene.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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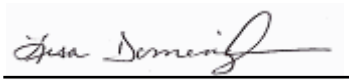

Lisa Domenighini For Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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November 30, 2006

R. Scott Miller
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 11/16/06 10:15. The following list is a summary of the Work Orders contained in this report, generated on 11/30/06 17:59.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PPK0741	Jeld Wen- Nord Door	008.0228.00013

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-1106	PPK0741-01	Water	11/14/06 12:15	11/16/06 10:15
MW4-1106	PPK0741-02	Water	11/14/06 13:20	11/16/06 10:15
MW3-1106	PPK0741-03	Water	11/14/06 14:30	11/16/06 10:15
MW2-1106	PPK0741-04	Water	11/14/06 15:30	11/16/06 10:15
MW5-1106	PPK0741-05	Water	11/14/06 17:00	11/16/06 10:15

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-01 (MW1-1106)		**Water**				**Sampled: 11/14/06 12:15**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6110759	11/17/06 11:20	11/21/06 15:55	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*89.3%*		*50 - 150 %*	"			"	
PPK0741-02 (MW4-1106)		**Water**				**Sampled: 11/14/06 13:20**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6110759	11/17/06 13:00	11/21/06 16:24	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*91.1%*		*50 - 150 %*	"			"	
PPK0741-03 (MW3-1106)		**Water**				**Sampled: 11/14/06 14:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6110759	11/17/06 13:00	11/21/06 16:02	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*102%*		*50 - 150 %*	"			"	
PPK0741-04 (MW2-1106)		**Water**				**Sampled: 11/14/06 15:30**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6110759	11/17/06 13:00	11/21/06 15:55	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*91.6%*		*50 - 150 %*	"			"	
PPK0741-05 (MW5-1106)		**Water**				**Sampled: 11/14/06 17:00**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	6110759	11/17/06 13:00	11/21/06 16:24	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*86.4%*		*50 - 150 %*	"			"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-01 (MW1-1106)		**Water**			**Sampled: 11/14/06 12:15**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6110827	11/19/06 10:43	11/19/06 14:25	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-01 (MW1-1106)		**Water**				**Sampled: 11/14/06 12:15**				
4-Methyl-2-pentanone	EPA 8260B	ND	-----	5.00	ug/l	1x	6110827	11/19/06 10:43	11/19/06 14:25	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB			*96.5%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*87.0%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*85.5%*		*80 - 120 %*	"			"	
Toluene-d8			*92.5%*		*80 - 120 %*	"			"	
PPK0741-02 (MW4-1106)		**Water**				**Sampled: 11/14/06 13:20**				
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6110827	11/19/06 10:43	11/19/06 14:53	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-02 (MW4-1106)		**Water**			**Sampled: 11/14/06 13:20**					
Chloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	6110827	11/19/06 10:43	11/19/06 14:53	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-02 (MW4-1106)		**Water**			**Sampled: 11/14/06 13:20**					
Trichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	6110827	11/19/06 10:43	11/19/06 14:53	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB			*95.0%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*91.0%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*88.5%*		*80 - 120 %*	"			"	
Toluene-d8			*94.5%*		*80 - 120 %*	"			"	
PPK0741-03 (MW3-1106)		**Water**			**Sampled: 11/14/06 14:30**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6110827	11/19/06 10:43	11/19/06 15:21	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-03 (MW3-1106)		**Water**			**Sampled: 11/14/06 14:30**					
1,2-Dichloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	6110827	11/19/06 10:43	11/19/06 15:21	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*91.5%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*87.0%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*86.0%*		*80 - 120 %*	"			"	
Toluene-d8			*92.0%*		*80 - 120 %*	"			"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-04 (MW2-1106)		**Water**			**Sampled: 11/14/06 15:30**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6110827	11/19/06 10:43	11/19/06 15:48	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-04 (MW2-1106)		**Water**			**Sampled: 11/14/06 15:30**					
4-Methyl-2-pentanone	EPA 8260B	ND	-----	5.00	ug/l	1x	6110827	11/19/06 10:43	11/19/06 15:48	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB			*94.5%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*91.5%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*88.0%*		*80 - 120 %*	"			"	
Toluene-d8			*95.0%*		*80 - 120 %*	"			"	
PPK0741-05 (MW5-1106)		**Water**			**Sampled: 11/14/06 17:00**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	6110827	11/19/06 10:43	11/19/06 16:16	
Benzene	"	**9.46**	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-05 (MW5-1106)		**Water**			**Sampled: 11/14/06 17:00**					
Chloroethane	EPA 8260B	ND	-----	1.00	ug/l	1x	6110827	11/19/06 10:43	11/19/06 16:16	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	-----	5.00	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	**11.1**	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	**4.12**	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-05 (MW5-1106)		**Water**			**Sampled: 11/14/06 17:00**					
Trichloroethene	EPA 8260B	ND	-----	1.00	ug/l	1x	6110827	11/19/06 10:43	11/19/06 16:16	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	**1.05**	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB			*94.5%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*87.0%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*85.5%*		*80 - 120 %*	"			"	
Toluene-d8			*91.5%*		*80 - 120 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-01 (MW1-1106)		**Water**			**Sampled: 11/14/06 12:15**					
Carbazole	EPA 8270C	ND	-----	4.95	ug/l	1x	6110803	11/17/06 17:30	11/22/06 00:02	
Acenaphthene	"	ND	-----	4.95	"	"	"	"	"	
Acenaphthylene	"	ND	-----	4.95	"	"	"	"	"	
Anthracene	"	ND	-----	4.95	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	4.95	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	4.95	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	4.95	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	4.95	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	4.95	"	"	"	"	"	
Benzoic Acid	"	ND	-----	49.5	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.90	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.95	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.95	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.95	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.8	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.90	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.95	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.90	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.95	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.95	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.95	"	"	"	"	"	
Chrysene	"	ND	-----	4.95	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	4.95	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.95	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.95	"	"	"	"	"	
Dibenzofuran	"	ND	-----	4.95	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	4.95	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.95	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.95	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.95	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.95	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.95	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.90	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	4.95	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.90	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	24.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.95	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.95	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	9.90	"	"	"	"	"	
Fluoranthene	"	ND	-----	4.95	"	"	"	"	"	
Fluorene	"	ND	-----	4.95	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	4.95	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.90	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-01 (MW1-1106)		**Water**			**Sampled: 11/14/06 12:15**					
Hexachlorocyclopentadiene	EPA 8270C	ND	-----	9.90	ug/l	1x	6110803	11/17/06 17:30	11/22/06 00:02	
Hexachloroethane	"	ND	-----	9.90	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.95	"	"	"	"	"	
Isophorone	"	ND	-----	4.95	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	4.95	"	"	"	"	"	
2-Methylphenol	"	ND	-----	9.90	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	4.95	"	"	"	"	"	
Naphthalene	"	ND	-----	4.95	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	4.95	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.90	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.90	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.95	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.95	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	24.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.90	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.95	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.90	"	"	"	"	"	
Phenanthrene	"	ND	-----	4.95	"	"	"	"	"	
Phenol	"	ND	-----	4.95	"	"	"	"	"	
Pyrene	"	ND	-----	4.95	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	4.95	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.95	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.95	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*85.3%*			*22 - 120 %*	"			"	
2-Fluorophenol		*73.8%*			*5 - 120 %*	"			"	
Nitrobenzene-d5		*95.8%*			*26 - 127 %*	"			"	
Phenol-d6		*73.2%*			*4 - 121 %*	"			"	
p-Terphenyl-d14		*90.8%*			*37 - 130 %*	"			"	
2,4,6-Tribromophenol		*94.6%*			*21 - 129 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-02 (MW4-1106)		**Water**			**Sampled: 11/14/06 13:20**					
Carbazole	EPA 8270C	ND	-----	4.90	ug/l	1x	6110803	11/17/06 17:30	11/22/06 00:47	
Acenaphthene	"	ND	-----	4.90	"	"	"	"	"	
Acenaphthylene	"	ND	-----	4.90	"	"	"	"	"	
Anthracene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Benzoic Acid	"	ND	-----	49.0	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.80	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.90	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.90	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.6	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.80	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.90	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.80	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.90	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.90	"	"	"	"	"	
Chrysene	"	ND	-----	4.90	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.90	"	"	"	"	"	
Dibenzofuran	"	ND	-----	4.90	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.90	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.80	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.80	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	24.5	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.90	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.90	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	9.80	"	"	"	"	"	
Fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Fluorene	"	ND	-----	4.90	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.80	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-02 (MW4-1106)		**Water**			**Sampled: 11/14/06 13:20**					
Hexachlorocyclopentadiene	EPA 8270C	ND	-----	9.80	ug/l	1x	6110803	11/17/06 17:30	11/22/06 00:47	
Hexachloroethane	"	ND	-----	9.80	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.90	"	"	"	"	"	
Isophorone	"	ND	-----	4.90	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Methylphenol	"	ND	-----	9.80	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	4.90	"	"	"	"	"	
Naphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	4.90	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.80	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.80	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.90	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.90	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	24.5	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.80	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.90	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.80	"	"	"	"	"	
Phenanthrene	"	ND	-----	4.90	"	"	"	"	"	
Phenol	"	ND	-----	4.90	"	"	"	"	"	
Pyrene	"	ND	-----	4.90	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*83.3%*			*22 - 120 %*	"			"	
2-Fluorophenol		*76.2%*			*5 - 120 %*	"			"	
Nitrobenzene-d5		*93.7%*			*26 - 127 %*	"			"	
Phenol-d6		*74.8%*			*4 - 121 %*	"			"	
p-Terphenyl-d14		*94.7%*			*37 - 130 %*	"			"	
2,4,6-Tribromophenol		*92.5%*			*21 - 129 %*	"			"	

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-03 (MW3-1106)		**Water**			**Sampled: 11/14/06 14:30**					
Carbazole	EPA 8270C	ND	-----	4.90	ug/l	1x	6110803	11/17/06 17:30	11/22/06 01:33	
Acenaphthene	"	ND	-----	4.90	"	"	"	"	"	
Acenaphthylene	"	ND	-----	4.90	"	"	"	"	"	
Anthracene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Benzoic Acid	"	ND	-----	49.0	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.80	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.90	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.90	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.6	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.80	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.90	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.80	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.90	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.90	"	"	"	"	"	
Chrysene	"	ND	-----	4.90	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.90	"	"	"	"	"	
Dibenzofuran	"	ND	-----	4.90	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.90	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.80	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.80	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	24.5	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.90	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.90	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	9.80	"	"	"	"	"	
Fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Fluorene	"	ND	-----	4.90	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.80	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-03 (MW3-1106)		**Water**			**Sampled: 11/14/06 14:30**					
Hexachlorocyclopentadiene	EPA 8270C	ND	-----	9.80	ug/l	1x	6110803	11/17/06 17:30	11/22/06 01:33	
Hexachloroethane	"	ND	-----	9.80	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.90	"	"	"	"	"	
Isophorone	"	ND	-----	4.90	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Methylphenol	"	ND	-----	9.80	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	4.90	"	"	"	"	"	
Naphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	4.90	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.80	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.80	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.90	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.90	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	24.5	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.80	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.90	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.80	"	"	"	"	"	
Phenanthrene	"	ND	-----	4.90	"	"	"	"	"	
Phenol	"	ND	-----	4.90	"	"	"	"	"	
Pyrene	"	ND	-----	4.90	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*86.4%*			*22 - 120 %*	"			"	
2-Fluorophenol		*70.1%*			*5 - 120 %*	"			"	
Nitrobenzene-d5		*89.3%*			*26 - 127 %*	"			"	
Phenol-d6		*70.7%*			*4 - 121 %*	"			"	
p-Terphenyl-d14		*96.2%*			*37 - 130 %*	"			"	
2,4,6-Tribromophenol		*86.4%*			*21 - 129 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-04 (MW2-1106)		**Water**			**Sampled: 11/14/06 15:30**					
Carbazole	EPA 8270C	ND	-----	4.90	ug/l	1x	6110803	11/17/06 17:30	11/22/06 02:18	
Acenaphthene	"	ND	-----	4.90	"	"	"	"	"	
Acenaphthylene	"	ND	-----	4.90	"	"	"	"	"	
Anthracene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Benzoic Acid	"	ND	-----	49.0	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.80	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.90	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.90	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.6	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.80	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.90	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.80	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.90	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.90	"	"	"	"	"	
Chrysene	"	ND	-----	4.90	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.90	"	"	"	"	"	
Dibenzofuran	"	ND	-----	4.90	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.90	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.80	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.80	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	24.5	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.90	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.90	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	9.80	"	"	"	"	"	
Fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Fluorene	"	ND	-----	4.90	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.80	"	"	"	"	"	

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-04 (MW2-1106)		**Water**				**Sampled: 11/14/06 15:30**				
Hexachlorocyclopentadiene	EPA 8270C	ND	-----	9.80	ug/l	1x	6110803	11/17/06 17:30	11/22/06 02:18	
Hexachloroethane	"	ND	-----	9.80	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.90	"	"	"	"	"	
Isophorone	"	ND	-----	4.90	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Methylphenol	"	ND	-----	9.80	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	4.90	"	"	"	"	"	
Naphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	4.90	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.80	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.80	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.90	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.90	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	24.5	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.80	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.90	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.80	"	"	"	"	"	
Phenanthrene	"	ND	-----	4.90	"	"	"	"	"	
Phenol	"	ND	-----	4.90	"	"	"	"	"	
Pyrene	"	ND	-----	4.90	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*87.6%*			*22 - 120 %*	"			"	
2-Fluorophenol		*83.0%*			*5 - 120 %*	"			"	
Nitrobenzene-d5		*94.8%*			*26 - 127 %*	"			"	
Phenol-d6		*86.4%*			*4 - 121 %*	"			"	
p-Terphenyl-d14		*98.4%*			*37 - 130 %*	"			"	
2,4,6-Tribromophenol		*96.6%*			*21 - 129 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-05 (MW5-1106)		**Water**			**Sampled: 11/14/06 17:00**					
Carbazole	EPA 8270C	ND	-----	4.90	ug/l	1x	6110803	11/17/06 17:30	11/21/06 23:16	
Acenaphthene	"	ND	-----	4.90	"	"	"	"	"	
Acenaphthylene	"	ND	-----	4.90	"	"	"	"	"	
Anthracene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	4.90	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Benzoic Acid	"	ND	-----	49.0	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.80	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.90	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.90	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.6	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.80	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.90	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.80	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.90	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.90	"	"	"	"	"	
Chrysene	"	ND	-----	4.90	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.90	"	"	"	"	"	
Dibenzofuran	"	ND	-----	4.90	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.90	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.80	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	4.90	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.80	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	24.5	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.90	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.90	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	9.80	"	"	"	"	"	
Fluoranthene	"	ND	-----	4.90	"	"	"	"	"	
Fluorene	"	ND	-----	4.90	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.80	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PPK0741-05 (MW5-1106)		**Water**			**Sampled: 11/14/06 17:00**					
Hexachlorocyclopentadiene	EPA 8270C	ND	-----	9.80	ug/l	1x	6110803	11/17/06 17:30	11/21/06 23:16	
Hexachloroethane	"	ND	-----	9.80	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.90	"	"	"	"	"	
Isophorone	"	ND	-----	4.90	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Methylphenol	"	ND	-----	9.80	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	4.90	"	"	"	"	"	
Naphthalene	"	ND	-----	4.90	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	4.90	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.80	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.80	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.90	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.90	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	24.5	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.80	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.90	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.80	"	"	"	"	"	
Phenanthrene	"	ND	-----	4.90	"	"	"	"	"	
Phenol	"	ND	-----	4.90	"	"	"	"	"	
Pyrene	"	ND	-----	4.90	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	4.90	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.90	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*88.2%*			*22 - 120 %*	"			"	
2-Fluorophenol		*81.0%*			*5 - 120 %*	"			"	
Nitrobenzene-d5		*90.7%*			*26 - 127 %*	"			"	
Phenol-d6		*85.7%*			*4 - 121 %*	"			"	
p-Terphenyl-d14		*102%*			*37 - 130 %*	"			"	
2,4,6-Tribromophenol		*105%*			*21 - 129 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6110759 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6110759-BLK1)								**Extracted: 11/17/06 11:20**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	0.125	mg/l	1x	--	--	--	--	--	--	11/21/06 16:02	
Diesel Range Hydrocarbons	"	ND	---	0.315	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	0.315	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 119%*			*Limits: 50-150%*	*"*							*11/21/06 16:02*	

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6110827 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6110827-BLK1)									**Extracted: 11/19/06 09:43**					
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	11/19/06 12:33	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6110827 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6110827-BLK1)							**Extracted: 11/19/06 09:43**							
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	11/19/06 12:33	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery:*	*95.0%*	*Limits:*	*80-120%*	*" 11/19/06 12:33*
	1,2-DCA-d4		*86.5%*		*80-120%*	*" "*
	Dibromofluoromethane		*86.0%*		*80-120%*	*" "*
	Toluene-d8		*93.5%*		*80-120%*	*" "*

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6110827 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6110827-BS1)							**Extracted: 11/19/06 09:43**							
Benzene	EPA 8260B	19.9	---	1.00	ug/l	1x	--	20.0	99.5%	(80-120)	--	--	11/19/06 10:40	
Chlorobenzene	"	18.9	---	1.00	"	"	--	"	94.5%	(80-124)	--	--	"	
1,1-Dichloroethene	"	17.8	---	1.00	"	"	--	"	89.0%	(78-120)	--	--	"	
Toluene	"	20.1	---	1.00	"	"	--	"	100%	(80-124)	--	--	"	
Trichloroethene	"	18.5	---	1.00	"	"	--	"	92.5%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 97.5%*			*Limits: 80-120%*	"							*11/19/06 10:40*	
1,2-DCA-d4		*85.5%*			*80-120%*	"							"	
Dibromofluoromethane		*89.0%*			*80-120%*	"							"	
Toluene-d8		*94.5%*			*80-120%*	"							"	
Matrix Spike (6110827-MS1)							**QC Source: PPK0677-01**						**Extracted: 11/19/06 09:43**	
Benzene	EPA 8260B	19.8	---	1.00	ug/l	1x	ND	20.0	99.0%	(80-124)	--	--	11/19/06 11:10	
Chlorobenzene	"	18.8	---	1.00	"	"	ND	"	94.0%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	17.8	---	1.00	"	"	ND	"	89.0%	(79.3-127)	--	--	"	
Toluene	"	20.6	---	1.00	"	"	0.520	"	100%	(79.7-131)	--	--	"	
Trichloroethene	"	17.8	---	1.00	"	"	ND	"	89.0%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 100%*			*Limits: 80-120%*	"							*11/19/06 11:10*	
1,2-DCA-d4		*88.5%*			*80-120%*	"							"	
Dibromofluoromethane		*93.0%*			*80-120%*	"							"	
Toluene-d8		*97.0%*			*80-120%*	"							"	
Matrix Spike Dup (6110827-MSD1)							**QC Source: PPK0677-01**						**Extracted: 11/19/06 09:43**	
Benzene	EPA 8260B	19.5	---	1.00	ug/l	1x	ND	20.0	97.5%	(80-124)	1.53%	(25)	11/19/06 11:37	
Chlorobenzene	"	18.6	---	1.00	"	"	ND	"	93.0%	(72.9-134)	1.07%	"	"	
1,1-Dichloroethene	"	17.3	---	1.00	"	"	ND	"	86.5%	(79.3-127)	2.85%	"	"	
Toluene	"	19.3	---	1.00	"	"	0.520	"	93.9%	(79.7-131)	6.52%	"	"	
Trichloroethene	"	17.1	---	1.00	"	"	ND	"	85.5%	(68.4-130)	4.01%	"	"	
Surrogate(s): 4-BFB		*Recovery: 98.5%*			*Limits: 80-120%*	"							*11/19/06 11:37*	
1,2-DCA-d4		*87.0%*			*80-120%*	"							"	
Dibromofluoromethane		*90.0%*			*80-120%*	"							"	
Toluene-d8		*93.5%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6110803 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6110803-BLK1)								**Extracted: 11/17/06 17:30**						
Carbazole	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	11/21/06 19:28	
Acenaphthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6110803 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (6110803-BLK1)							**Extracted: 11/17/06 17:30**							
Fluoranthene	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	11/21/06 19:28	
Fluorene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 68.5%*	*Limits: 22-120%*	"	*11/21/06 19:28*
	2-Fluorophenol	*67.3%*	*5-120%*	"	"
	Nitrobenzene-d5	*79.5%*	*26-127%*	"	"
	Phenol-d6	*74.7%*	*4-121%*	"	"
	p-Terphenyl-d14	*86.8%*	*37-130%*	"	"
	2,4,6-Tribromophenol	*86.0%*	*21-129%*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 6110803 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (6110803-BS1)							**Extracted: 11/17/06 17:30**							
Acenaphthene	EPA 8270C	65.7	---	5.00	ug/l	1x	--	75.0	87.6%	(56-120)	--	--	11/21/06 20:14	
4-Chloro-3-methylphenol	"	124	---	5.00	"	"	--	150	82.7%	(37-131)	--	--	"	
2-Chlorophenol	"	125	---	5.00	"	"	--	"	83.3%	(31-130)	--	--	"	
1,4-Dichlorobenzene	"	66.2	---	5.00	"	"	--	75.0	88.3%	(8-124)	--	--	"	
2,4-Dinitrotoluene	"	56.4	---	5.00	"	"	--	"	75.2%	(50-127)	--	--	"	
4-Nitrophenol	"	134	---	25.0	"	"	--	150	89.3%	(1-157)	--	--	"	
N-Nitrosodi-n-propylamine	"	69.5	---	10.0	"	"	--	75.0	92.7%	(44-129)	--	--	"	
Pentachlorophenol	"	136	---	10.0	"	"	--	150	90.7%	(23-149)	--	--	"	
Phenol	"	156	---	5.00	"	"	--	"	104%	(1-145)	--	--	"	
Pyrene	"	65.5	---	5.00	"	"	--	75.0	87.3%	(56-125)	--	--	"	
1,2,4-Trichlorobenzene	"	65.3	---	5.00	"	"	--	"	87.1%	(33-116)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 77.1%*			*Limits: 22-120%*	"							*11/21/06 20:14*	
2-Fluorophenol		*86.7%*			*5-120%*	"							"	
Nitrobenzene-d5		*92.1%*			*26-127%*	"							"	
Phenol-d6		*80.7%*			*4-121%*	"							"	
p-Terphenyl-d14		*95.7%*			*37-130%*	"							"	
2,4,6-Tribromophenol		*103%*			*21-129%*	"							"	
LCS Dup (6110803-BSD1)							**Extracted: 11/17/06 17:30**							
Acenaphthene	EPA 8270C	63.6	---	5.00	ug/l	1x	--	75.0	84.8%	(56-120)	3.25%	(50)	11/21/06 20:59	
4-Chloro-3-methylphenol	"	116	---	5.00	"	"	--	150	77.3%	(37-131)	6.67%	"	"	
2-Chlorophenol	"	116	---	5.00	"	"	--	"	77.3%	(31-130)	7.47%	"	"	
1,4-Dichlorobenzene	"	60.8	---	5.00	"	"	--	75.0	81.1%	(8-124)	8.50%	"	"	
2,4-Dinitrotoluene	"	55.6	---	5.00	"	"	--	"	74.1%	(50-127)	1.43%	"	"	
4-Nitrophenol	"	116	---	25.0	"	"	--	150	77.3%	(1-157)	14.4%	"	"	
N-Nitrosodi-n-propylamine	"	64.8	---	10.0	"	"	--	75.0	86.4%	(44-129)	7.00%	"	"	
Pentachlorophenol	"	130	---	10.0	"	"	--	150	86.7%	(23-149)	4.51%	"	"	
Phenol	"	132	---	5.00	"	"	--	"	88.0%	(1-145)	16.7%	"	"	
Pyrene	"	61.6	---	5.00	"	"	--	75.0	82.1%	(56-125)	6.14%	"	"	
1,2,4-Trichlorobenzene	"	62.7	---	5.00	"	"	--	"	83.6%	(33-116)	4.06%	"	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 77.5%*			*Limits: 22-120%*	"							*11/21/06 20:59*	
2-Fluorophenol		*77.3%*			*5-120%*	"							"	
Nitrobenzene-d5		*88.0%*			*26-127%*	"							"	
Phenol-d6		*68.7%*			*4-121%*	"							"	
p-Terphenyl-d14		*89.1%*			*37-130%*	"							"	
2,4,6-Tribromophenol		*99.3%*			*21-129%*	"							"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00013	Report Created:
West Linn, OR 97068	Project Manager:	R. Scott Miller	11/30/06 17:59

Notes and Definitions

Report Specific Notes:

None

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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May 08, 2007

Steve Locke
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 04/23/07 08:37. The following list is a summary of the Work Orders contained in this report, generated on 05/08/07 11:41.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PQD0870	Jeld Wen- Nord Door	008.0228.00026

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW1-407	PQD0870-01	Water	04/19/07 14:02	04/23/07 08:37
MW2-407	PQD0870-02	Water	04/19/07 13:35	04/23/07 08:37
MW3-407	PQD0870-03	Water	04/19/07 15:20	04/23/07 08:37
MW4-407	PQD0870-04	Water	04/19/07 14:47	04/23/07 08:37
MW5-407	PQD0870-05	Water	04/19/07 15:46	04/23/07 08:37
MW6-407-10	PQD0870-06	Soil	04/20/07 12:40	04/23/07 08:37
MW6-407-14	PQD0870-07	Soil	04/20/07 12:47	04/23/07 08:37

TestAmerica - Portland, OR

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ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-06 (MW6-407-10)		**Soil**				**Sampled: 04/20/07 12:40**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	18.7	mg/kg dry	1x	7041103	04/25/07 13:55	04/26/07 22:52	
Diesel Range Hydrocarbons	"	ND	-----	46.8	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	**DET**	-----	93.5	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*99.9%*		*50 - 150 %*	*"*			*"*	
PQD0870-07 (MW6-407-14)		**Soil**				**Sampled: 04/20/07 12:47**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	20.6	mg/kg dry	1x	7041103	04/25/07 13:55	04/26/07 21:43	
Diesel Range Hydrocarbons	"	ND	-----	51.4	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	103	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*107%*		*50 - 150 %*	*"*			*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-06 (MW6-407-10)		**Soil**			**Sampled: 04/20/07 12:40**					
Diesel Range Organics	NWTPH-Dx	ND	*14.3*	14.3	mg/kg dry	1x	7050045	05/01/07 15:55	05/02/07 04:24	
Heavy Oil Range Hydrocarbons	"	**116**	*28.5*	28.5	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*96.2%*		*50 - 150 %*	*"*			*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-05 (MW5-407)		**Water**			**Sampled: 04/19/07 15:46**					
Acetone	EPA 8260B	ND	*7.76*	25.0	ug/l	1x	7041061	04/24/07 14:08	04/24/07 20:34	
Benzene	"	**1.38**	*0.0900*	1.00	"	"	"	"	"	
Bromobenzene	"	ND	*0.100*	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	*0.180*	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	*0.110*	1.00	"	"	"	"	"	
Bromoform	"	ND	*0.100*	1.00	"	"	"	"	"	
Bromomethane	"	ND	*0.170*	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	*3.50*	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	*0.0600*	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	*0.0800*	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	*0.0600*	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	*0.140*	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	*0.0600*	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	*0.0500*	1.00	"	"	"	"	"	
Chloroethane	"	ND	*0.110*	1.00	"	"	"	"	"	
Chloroform	"	ND	*0.0900*	1.00	"	"	"	"	"	
Chloromethane	"	ND	*0.0800*	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	*0.0700*	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	*0.110*	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	*2.35*	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	*0.0700*	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	*0.110*	1.00	"	"	"	"	"	
Dibromomethane	"	ND	*0.100*	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	*0.0700*	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	*0.0600*	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	*0.120*	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	*0.110*	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	*0.0800*	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	*0.100*	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	*0.120*	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	*0.0900*	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	*0.100*	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	*0.110*	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	*0.140*	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	*0.0900*	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	*0.0800*	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	*0.0900*	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	*0.100*	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	*0.0600*	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	*0.210*	4.00	"	"	"	"	"	
2-Hexanone	"	ND	*3.62*	10.0	"	"	"	"	"	
Isopropylbenzene	"	**0.140**	*0.0700*	2.00	"	"	"	"	"	**J**
p-Isopropyltoluene	"	ND	*0.0600*	2.00	"	"	"	"	"	

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-05 (MW5-407)		**Water**			**Sampled: 04/19/07 15:46**					
4-Methyl-2-pentanone	EPA 8260B	ND	*0.290*	5.00	ug/l	1x	7041061	04/24/07 14:08	04/24/07 20:34	
Methyl tert-butyl ether	"	ND	*0.0900*	1.00	"	"	"	"	"	
Methylene chloride	"	ND	*0.160*	5.00	"	"	"	"	"	
Naphthalene	"	**7.92**	*0.0900*	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	*0.100*	1.00	"	"	"	"	"	
Styrene	"	ND	*0.0400*	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	*0.0900*	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	*0.0800*	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	*0.110*	1.00	"	"	"	"	"	
Toluene	"	ND	*0.110*	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	*0.100*	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	*0.110*	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	*0.120*	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	*0.130*	1.00	"	"	"	"	"	
Trichloroethene	"	ND	*0.0800*	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	*0.0600*	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	*0.130*	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	*0.0800*	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	*0.0700*	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	*0.100*	1.00	"	"	"	"	"	
o-Xylene	"	**0.730**	*0.0700*	1.00	"	"	"	"	"	**J**
m,p-Xylene	"	ND	*0.210*	2.00	"	"	"	"	"	
Surrogate(s): *4-BFB*			*100%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*97.0%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*94.0%*		*80 - 120 %*	"			"	
Toluene-d8			*98.5%*		*80 - 120 %*	"			"	
PQD0870-06 (MW6-407-10)		**Soil**			**Sampled: 04/20/07 12:40**					
Acetone	EPA 8260B	ND	*163*	2820	ug/kg dry	1x	7040962	04/23/07 13:15	04/26/07 01:35	
Benzene	"	ND	*5.01*	22.6	"	"	"	"	"	
Bromobenzene	"	ND	*13.8*	113	"	"	"	"	"	
Bromochloromethane	"	ND	*18.5*	113	"	"	"	"	"	
Bromodichloromethane	"	ND	*11.5*	113	"	"	"	"	"	
Bromoform	"	ND	*17.8*	113	"	"	"	"	"	
Bromomethane	"	ND	*5.75*	564	"	"	"	"	"	
2-Butanone (MEK)	"	ND	*167*	1130	"	"	"	"	"	
n-Butylbenzene	"	ND	*12.8*	564	"	"	"	"	"	
sec-Butylbenzene	"	ND	*8.41*	113	"	"	"	"	"	
tert-Butylbenzene	"	ND	*17.2*	113	"	"	"	"	"	
Carbon disulfide	"	ND	*8.12*	1130	"	"	"	"	"	
Carbon tetrachloride	"	ND	*8.62*	113	"	"	"	"	"	
Chlorobenzene	"	ND	*9.13*	113	"	"	"	"	"	

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-06 (MW6-407-10)		**Soil**			**Sampled: 04/20/07 12:40**					
Chloroethane	EPA 8260B	ND	*12.1*	113	ug/kg dry	1x	7040962	04/23/07 13:15	04/26/07 01:35	
Chloroform	"	ND	*8.19*	113	"	"	"	"	"	
Chloromethane	"	ND	*7.59*	564	"	"	"	"	"	
2-Chlorotoluene	"	ND	*12.4*	113	"	"	"	"	"	
4-Chlorotoluene	"	ND	*11.7*	113	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	*29.3*	564	"	"	"	"	"	
Dibromochloromethane	"	ND	*12.6*	113	"	"	"	"	"	
1,2-Dibromoethane	"	ND	*13.1*	113	"	"	"	"	"	
Dibromomethane	"	ND	*16.6*	113	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	*16.3*	113	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	*6.61*	113	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	*16.8*	113	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	*13.3*	564	"	"	"	"	"	
1,1-Dichloroethane	"	ND	*13.4*	113	"	"	"	"	"	
1,2-Dichloroethane	"	ND	*12.6*	113	"	"	"	"	"	
1,1-Dichloroethene	"	ND	*13.4*	113	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	*14.2*	113	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	*10.1*	113	"	"	"	"	"	
1,2-Dichloropropane	"	ND	*8.41*	113	"	"	"	"	"	
1,3-Dichloropropane	"	ND	*19.6*	113	"	"	"	"	"	
2,2-Dichloropropane	"	ND	*9.13*	113	"	"	"	"	"	
1,1-Dichloropropene	"	ND	*12.3*	113	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	*5.59*	113	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	*9.36*	113	"	"	"	"	"	
Ethylbenzene	"	ND	*10.6*	113	"	"	"	"	"	
Hexachlorobutadiene	"	ND	*78.3*	452	"	"	"	"	"	
2-Hexanone	"	ND	*64.6*	1130	"	"	"	"	"	
Isopropylbenzene	"	ND	*10.8*	226	"	"	"	"	"	
p-Isopropyltoluene	"	ND	*10.9*	226	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	*132*	564	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	*13.4*	113	"	"	"	"	"	
Methylene chloride	"	ND	*282*	564	"	"	"	"	"	
Naphthalene	"	ND	*15.9*	226	"	"	"	"	"	
n-Propylbenzene	"	ND	*11.2*	113	"	"	"	"	"	
Styrene	"	ND	*10.0*	113	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	*10.4*	113	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	*23.8*	113	"	"	"	"	"	
Tetrachloroethene	"	ND	*19.1*	113	"	"	"	"	"	
Toluene	"	ND	*7.10*	113	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	*19.1*	113	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	*24.2*	113	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	*6.92*	113	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	*20.4*	113	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-06 (MW6-407-10)		**Soil**			**Sampled: 04/20/07 12:40**					
Trichloroethene	EPA 8260B	ND	*13.5*	113	ug/kg dry	1x	7040962	04/23/07 13:15	04/26/07 01:35	
Trichlorofluoromethane	"	ND	*10.1*	113	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	*55.5*	113	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	*7.62*	113	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	*10.5*	113	"	"	"	"	"	
Vinyl chloride	"	ND	*6.48*	113	"	"	"	"	"	
o-Xylene	"	ND	*13.1*	113	"	"	"	"	"	
m,p-Xylene	"	ND	*12.9*	226	"	"	"	"	"	
Surrogate(s): *4-BFB*			*96.9%*		*75 - 125 %*	*0.01x*			"	
1,2-DCA-d4			*78.8%*		*75 - 125 %*	"			"	
Dibromofluoromethane			*82.7%*		*75 - 125 %*	"			"	
Toluene-d8			*97.8%*		*75 - 125 %*	"			"	
PQD0870-07 (MW6-407-14)		**Soil**			**Sampled: 04/20/07 12:47**					
Acetone	EPA 8260B	ND	*167*	2900	ug/kg dry	1x	7040962	04/23/07 13:15	04/26/07 02:02	
Benzene	"	ND	*5.14*	23.2	"	"	"	"	"	
Bromobenzene	"	ND	*14.1*	116	"	"	"	"	"	
Bromochloromethane	"	ND	*19.0*	116	"	"	"	"	"	
Bromodichloromethane	"	ND	*11.8*	116	"	"	"	"	"	
Bromoform	"	ND	*18.3*	116	"	"	"	"	"	
Bromomethane	"	ND	*5.90*	579	"	"	"	"	"	
2-Butanone (MEK)	"	ND	*171*	1160	"	"	"	"	"	
n-Butylbenzene	"	ND	*13.1*	579	"	"	"	"	"	
sec-Butylbenzene	"	ND	*8.63*	116	"	"	"	"	"	
tert-Butylbenzene	"	ND	*17.6*	116	"	"	"	"	"	
Carbon disulfide	"	ND	*8.33*	1160	"	"	"	"	"	
Carbon tetrachloride	"	ND	*8.85*	116	"	"	"	"	"	
Chlorobenzene	"	ND	*9.37*	116	"	"	"	"	"	
Chloroethane	"	ND	*12.4*	116	"	"	"	"	"	
Chloroform	"	ND	*8.41*	116	"	"	"	"	"	
Chloromethane	"	ND	*7.79*	579	"	"	"	"	"	
2-Chlorotoluene	"	ND	*12.7*	116	"	"	"	"	"	
4-Chlorotoluene	"	ND	*12.1*	116	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	*30.1*	579	"	"	"	"	"	
Dibromochloromethane	"	ND	*13.0*	116	"	"	"	"	"	
1,2-Dibromoethane	"	ND	*13.4*	116	"	"	"	"	"	
Dibromomethane	"	ND	*17.0*	116	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	*16.7*	116	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	*6.79*	116	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	*17.3*	116	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	*13.7*	579	"	"	"	"	"	
1,1-Dichloroethane	"	ND	*13.8*	116	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-07 (MW6-407-14)		**Soil**			**Sampled: 04/20/07 12:47**					
1,2-Dichloroethane	EPA 8260B	ND	*13.0*	116	ug/kg dry	1x	7040962	04/23/07 13:15	04/26/07 02:02	
1,1-Dichloroethene	"	ND	*13.8*	116	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	*14.6*	116	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	*10.4*	116	"	"	"	"	"	
1,2-Dichloropropane	"	ND	*8.63*	116	"	"	"	"	"	
1,3-Dichloropropane	"	ND	*20.2*	116	"	"	"	"	"	
2,2-Dichloropropane	"	ND	*9.37*	116	"	"	"	"	"	
1,1-Dichloropropene	"	ND	*12.6*	116	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	*5.74*	116	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	*9.61*	116	"	"	"	"	"	
Ethylbenzene	"	ND	*10.9*	116	"	"	"	"	"	
Hexachlorobutadiene	"	ND	*80.4*	464	"	"	"	"	"	
2-Hexanone	"	ND	*66.3*	1160	"	"	"	"	"	
Isopropylbenzene	"	ND	*11.1*	232	"	"	"	"	"	
p-Isopropyltoluene	"	ND	*11.2*	232	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND	*136*	579	"	"	"	"	"	
Methyl tert-butyl ether	"	ND	*13.8*	116	"	"	"	"	"	
Methylene chloride	"	ND	*290*	579	"	"	"	"	"	
Naphthalene	"	ND	*16.3*	232	"	"	"	"	"	
n-Propylbenzene	"	ND	*11.5*	116	"	"	"	"	"	
Styrene	"	ND	*10.3*	116	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	*10.7*	116	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	*24.4*	116	"	"	"	"	"	
Tetrachloroethene	"	ND	*19.6*	116	"	"	"	"	"	
Toluene	"	ND	*7.29*	116	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	*19.6*	116	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	*24.8*	116	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	*7.10*	116	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	*21.0*	116	"	"	"	"	"	
Trichloroethene	"	ND	*13.9*	116	"	"	"	"	"	
Trichlorofluoromethane	"	ND	*10.4*	116	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	*57.0*	116	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	*7.82*	116	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	*10.8*	116	"	"	"	"	"	
Vinyl chloride	"	ND	*6.65*	116	"	"	"	"	"	
o-Xylene	"	ND	*13.4*	116	"	"	"	"	"	
m,p-Xylene	"	ND	*13.2*	232	"	"	"	"	"	
Surrogate(s):	*4-BFB*		*99.1%*		*75 - 125 %*	*0.01x*			*"*	
	1,2-DCA-d4		*81.5%*		*75 - 125 %*	*"*			*"*	
	Dibromofluoromethane		*82.3%*		*75 - 125 %*	*"*			*"*	
	Toluene-d8		*99.1%*		*75 - 125 %*	*"*			*"*	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-01 (MW1-407)		**Water**			**Sampled: 04/19/07 14:02**					
Carbazole	EPA 8270C	ND	*2.86*	4.76	ug/l	1x	7040947	04/23/07 15:30	05/01/07 01:59	
Acenaphthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Acenaphthylene	"	ND	*2.86*	4.76	"	"	"	"	"	
Anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzoic Acid	"	ND	*47.6*	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	*4.76*	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	*9.52*	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	*4.76*	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	*4.76*	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Chrysene	"	ND	*2.86*	4.76	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Dibenzofuran	"	ND	*2.86*	4.76	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
Dimethyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	*14.3*	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	*2.86*	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	*2.86*	4.76	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	*9.52*	9.52	"	"	"	"	"	
Fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Fluorene	"	ND	*2.86*	4.76	"	"	"	"	"	
Hexachlorobenzene	"	ND	*2.86*	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	*4.76*	9.52	"	"	"	"	"	

TestAmerica - Portland, OR

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Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-01 (MW1-407)		**Water**				**Sampled: 04/19/07 14:02**				
Hexachlorocyclopentadiene	EPA 8270C	ND	*4.76*	9.52	ug/l	1x	7040947	04/23/07 15:30	05/01/07 01:59	
Hexachloroethane	"	ND	*4.76*	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Isophorone	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Methylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
3-,4-Methylphenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Naphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Nitroaniline	"	ND	*2.86*	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	*4.76*	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	*4.76*	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	*9.52*	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	*4.76*	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	*2.86*	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	*4.76*	9.52	"	"	"	"	"	
Phenanthrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Phenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*			*73.4%*		*22 - 120 %*	"			"	
2-Fluorophenol			*69.9%*		*5 - 120 %*	"			"	
Nitrobenzene-d5			*80.4%*		*26 - 127 %*	"			"	
Phenol-d6			*108%*		*4 - 121 %*	"			"	
p-Terphenyl-d14			*82.1%*		*37 - 130 %*	"			"	
2,4,6-Tribromophenol			*87.4%*		*21 - 129 %*	"			"	

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-02 (MW2-407)		**Water**			**Sampled: 04/19/07 13:35**					
Carbazole	EPA 8270C	ND	*2.86*	4.76	ug/l	1x	7040947	04/23/07 15:30	05/01/07 02:43	
Acenaphthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Acenaphthylene	"	ND	*2.86*	4.76	"	"	"	"	"	
Anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzoic Acid	"	ND	*47.6*	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	*4.76*	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	*9.52*	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	*4.76*	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	*4.76*	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Chrysene	"	ND	*2.86*	4.76	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Dibenzofuran	"	ND	*2.86*	4.76	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
Dimethyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	*14.3*	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	*2.86*	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	*2.86*	4.76	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	*9.52*	9.52	"	"	"	"	"	
Fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Fluorene	"	ND	*2.86*	4.76	"	"	"	"	"	
Hexachlorobenzene	"	ND	*2.86*	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	*4.76*	9.52	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-02 (MW2-407)		**Water**				**Sampled: 04/19/07 13:35**				
Hexachlorocyclopentadiene	EPA 8270C	ND	*4.76*	9.52	ug/l	1x	7040947	04/23/07 15:30	05/01/07 02:43	
Hexachloroethane	"	ND	*4.76*	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Isophorone	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Methylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
3-,4-Methylphenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Naphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Nitroaniline	"	ND	*2.86*	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	*4.76*	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	*4.76*	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	*9.52*	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	*4.76*	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	*2.86*	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	*4.76*	9.52	"	"	"	"	"	
Phenanthrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Phenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*			*67.6%*		*22 - 120 %*	"			"	
2-Fluorophenol			*63.5%*		*5 - 120 %*	"			"	
Nitrobenzene-d5			*80.8%*		*26 - 127 %*	"			"	
Phenol-d6			*99.3%*		*4 - 121 %*	"			"	
p-Terphenyl-d14			*84.0%*		*37 - 130 %*	"			"	
2,4,6-Tribromophenol			*81.1%*		*21 - 129 %*	"			"	

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-03 (MW3-407)		**Water**			**Sampled: 04/19/07 15:20**					
Carbazole	EPA 8270C	ND	*2.86*	4.76	ug/l	1x	7040947	04/23/07 15:30	05/02/07 03:33	
Acenaphthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Acenaphthylene	"	ND	*2.86*	4.76	"	"	"	"	"	
Anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzoic Acid	"	ND	*47.6*	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	*4.76*	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	*9.52*	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	*4.76*	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	*4.76*	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Chrysene	"	ND	*2.86*	4.76	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Dibenzofuran	"	ND	*2.86*	4.76	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
Dimethyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	*14.3*	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	*2.86*	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	*2.86*	4.76	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	*9.52*	9.52	"	"	"	"	"	
Fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Fluorene	"	ND	*2.86*	4.76	"	"	"	"	"	
Hexachlorobenzene	"	ND	*2.86*	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	*4.76*	9.52	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-03 (MW3-407)		**Water**			**Sampled: 04/19/07 15:20**					
Hexachlorocyclopentadiene	EPA 8270C	ND	*4.76*	9.52	ug/l	1x	7040947	04/23/07 15:30	05/02/07 03:33	
Hexachloroethane	"	ND	*4.76*	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Isophorone	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Methylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
3-,4-Methylphenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Naphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Nitroaniline	"	ND	*2.86*	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	*4.76*	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	*4.76*	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	*9.52*	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	*4.76*	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	*2.86*	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	*4.76*	9.52	"	"	"	"	"	
Phenanthrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Phenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*			*78.9%*		*22 - 120 %*	"			"	
2-Fluorophenol			*46.3%*		*5 - 120 %*	"			"	
Nitrobenzene-d5			*91.3%*		*26 - 127 %*	"			"	
Phenol-d6			*69.9%*		*4 - 121 %*	"			"	
p-Terphenyl-d14			*77.7%*		*37 - 130 %*	"			"	
2,4,6-Tribromophenol			*64.5%*		*21 - 129 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-04 (MW4-407)		**Water**			**Sampled: 04/19/07 14:47**					
Carbazole	EPA 8270C	ND	*2.86*	4.76	ug/l	1x	7040947	04/23/07 15:30	05/02/07 04:17	
Acenaphthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Acenaphthylene	"	ND	*2.86*	4.76	"	"	"	"	"	
Anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzoic Acid	"	ND	*47.6*	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	*4.76*	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	*9.52*	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	*4.76*	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	*4.76*	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Chrysene	"	ND	*2.86*	4.76	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Dibenzofuran	"	ND	*2.86*	4.76	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
Dimethyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	*14.3*	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	*2.86*	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	*2.86*	4.76	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	*9.52*	9.52	"	"	"	"	"	
Fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Fluorene	"	ND	*2.86*	4.76	"	"	"	"	"	
Hexachlorobenzene	"	ND	*2.86*	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	*4.76*	9.52	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-04 (MW4-407)		**Water**				**Sampled: 04/19/07 14:47**				
Hexachlorocyclopentadiene	EPA 8270C	ND	*4.76*	9.52	ug/l	1x	7040947	04/23/07 15:30	05/02/07 04:17	
Hexachloroethane	"	ND	*4.76*	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Isophorone	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Methylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
3-,4-Methylphenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Naphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Nitroaniline	"	ND	*2.86*	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	*4.76*	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	*4.76*	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	*9.52*	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	*4.76*	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	*2.86*	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	*4.76*	9.52	"	"	"	"	"	
Phenanthrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Phenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*			*69.2%*		*22 - 120 %*	"			"	
2-Fluorophenol			*59.2%*		*5 - 120 %*	"			"	
Nitrobenzene-d5			*79.0%*		*26 - 127 %*	"			"	
Phenol-d6			*90.2%*		*4 - 121 %*	"			"	
p-Terphenyl-d14			*86.1%*		*37 - 130 %*	"			"	
2,4,6-Tribromophenol			*74.8%*		*21 - 129 %*	"			"	

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-05 (MW5-407)		**Water**			**Sampled: 04/19/07 15:46**					
Carbazole	EPA 8270C	ND	*2.86*	4.76	ug/l	1x	7040947	04/23/07 15:30	05/02/07 05:01	
Acenaphthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Acenaphthylene	"	ND	*2.86*	4.76	"	"	"	"	"	
Anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Benzoic Acid	"	ND	*47.6*	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	*4.76*	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	*9.52*	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	*4.76*	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	*4.76*	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	*2.86*	4.76	"	"	"	"	"	
Chrysene	"	ND	*2.86*	4.76	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	*2.86*	4.76	"	"	"	"	"	
Dibenzofuran	"	ND	*2.86*	4.76	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
Dimethyl phthalate	"	ND	*2.86*	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	*14.3*	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	*2.86*	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	*2.86*	4.76	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	*9.52*	9.52	"	"	"	"	"	
Fluoranthene	"	ND	*2.86*	4.76	"	"	"	"	"	
Fluorene	"	ND	*2.86*	4.76	"	"	"	"	"	
Hexachlorobenzene	"	ND	*2.86*	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	*4.76*	9.52	"	"	"	"	"	

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-05 (MW5-407)		**Water**			**Sampled: 04/19/07 15:46**					
Hexachlorocyclopentadiene	EPA 8270C	ND	*4.76*	9.52	ug/l	1x	7040947	04/23/07 15:30	05/02/07 05:01	
Hexachloroethane	"	ND	*4.76*	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Isophorone	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Methylphenol	"	ND	*4.76*	9.52	"	"	"	"	"	
3-,4-Methylphenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Naphthalene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Nitroaniline	"	ND	*2.86*	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	*4.76*	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	*4.76*	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	*2.86*	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	*9.52*	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	*4.76*	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	*2.86*	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	*4.76*	9.52	"	"	"	"	"	
Phenanthrene	"	ND	*2.86*	4.76	"	"	"	"	"	
Phenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Pyrene	"	ND	*2.86*	4.76	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	*4.76*	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	*2.86*	4.76	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*			*79.0%*		*22 - 120 %*	"			"	
2-Fluorophenol			*61.7%*		*5 - 120 %*	"			"	
Nitrobenzene-d5			*83.2%*		*26 - 127 %*	"			"	
Phenol-d6			*86.7%*		*4 - 121 %*	"			"	
p-Terphenyl-d14			*75.6%*		*37 - 130 %*	"			"	
2,4,6-Tribromophenol			*89.5%*		*21 - 129 %*	"			"	

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-06 (MW6-407-10)		**Soil**			**Sampled: 04/20/07 12:40**					**RL3**
Carbazole	EPA 8270C	ND	*0.159*	0.751	mg/kg dry	1x	7041149	04/26/07 14:30	05/02/07 22:48	
Acenaphthene	"	ND	*0.159*	0.751	"	"	"	"	"	
Acenaphthylene	"	ND	*0.159*	0.751	"	"	"	"	"	
Anthracene	"	ND	*0.159*	0.751	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.159*	0.751	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.159*	0.751	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.159*	0.751	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.159*	0.751	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.159*	0.751	"	"	"	"	"	
Benzoic Acid	"	ND	*1.14*	2.28	"	"	"	"	"	
Benzyl alcohol	"	ND	*2.28*	2.28	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	*0.159*	0.751	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	*0.159*	0.751	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	*0.159*	0.751	"	"	"	"	"	
4-Chloroaniline	"	ND	*0.376*	4.55	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	*0.159*	0.751	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	*0.159*	0.751	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	*0.159*	0.751	"	"	"	"	"	
2-Chloronaphthalene	"	ND	*0.159*	0.751	"	"	"	"	"	
2-Chlorophenol	"	ND	*0.159*	0.751	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	*0.228*	0.751	"	"	"	"	"	
Chrysene	"	ND	*0.159*	0.751	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	*1.14*	2.28	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	*0.159*	0.751	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	*0.159*	0.751	"	"	"	"	"	
Dibenzofuran	"	ND	*0.159*	0.751	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	*1.14*	2.28	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	*1.14*	2.28	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	*1.14*	2.28	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	*1.14*	2.28	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	*0.159*	0.751	"	"	"	"	"	
Diethyl phthalate	"	ND	*0.159*	0.751	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	*1.14*	2.28	"	"	"	"	"	
Dimethyl phthalate	"	ND	*0.159*	0.751	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	*1.14*	2.28	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	*4.55*	4.55	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	*1.14*	1.14	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	*1.14*	1.14	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	*4.55*	4.55	"	"	"	"	"	
Fluoranthene	"	ND	*0.159*	0.751	"	"	"	"	"	
Fluorene	"	ND	*0.159*	0.751	"	"	"	"	"	
Hexachlorobenzene	"	ND	*0.159*	0.751	"	"	"	"	"	
Hexachlorobutadiene	"	ND	*1.14*	2.28	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-06 (MW6-407-10)		**Soil**			**Sampled: 04/20/07 12:40**					**RL3**
Hexachlorocyclopentadiene	EPA 8270C	ND	*1.14*	2.28	mg/kg dry	1x	7041149	04/26/07 14:30	05/02/07 22:48	
Hexachloroethane	"	ND	*1.14*	2.28	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.159*	0.751	"	"	"	"	"	
Isophorone	"	ND	*0.159*	0.751	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.159*	0.751	"	"	"	"	"	
2-Methylphenol	"	ND	*0.159*	0.751	"	"	"	"	"	
3-,4-Methylphenol	"	ND	*0.159*	0.751	"	"	"	"	"	
Naphthalene	"	ND	*0.159*	0.751	"	"	"	"	"	
2-Nitroaniline	"	ND	*0.159*	0.751	"	"	"	"	"	
3-Nitroaniline	"	ND	*1.14*	2.28	"	"	"	"	"	
4-Nitroaniline	"	ND	*0.159*	0.751	"	"	"	"	"	
Nitrobenzene	"	ND	*0.159*	0.751	"	"	"	"	"	
2-Nitrophenol	"	ND	*0.159*	0.751	"	"	"	"	"	
4-Nitrophenol	"	ND	*1.14*	2.28	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	*0.159*	0.751	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	*0.159*	0.751	"	"	"	"	"	
Pentachlorophenol	"	ND	*1.14*	2.28	"	"	"	"	"	
Phenanthrene	"	ND	*0.159*	0.751	"	"	"	"	"	
Phenol	"	ND	*0.159*	0.751	"	"	"	"	"	
Pyrene	"	ND	*0.159*	0.751	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	*1.14*	2.28	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	*0.159*	0.751	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	*0.159*	0.751	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*			*91.9%*		*33 - 126 %*	"			"	
2-Fluorophenol			*79.3%*		*20 - 127 %*	"			"	
Nitrobenzene-d5			*93.3%*		*25 - 131 %*	"			"	
Phenol-d6			*115%*		*13 - 138 %*	"			"	
p-Terphenyl-d14			*87.7%*		*38 - 142 %*	"			"	
2,4,6-Tribromophenol			*85.8%*		*46 - 124 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-07 (MW6-407-14)		**Soil**			**Sampled: 04/20/07 12:47**					
Carbazole	EPA 8270C	ND	*0.0816*	0.385	mg/kg dry	1x	7041149	04/26/07 14:30	05/02/07 22:05	
Acenaphthene	"	**0.149**	*0.0816*	0.385	"	"	"	"	"	**J**
Acenaphthylene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Anthracene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Benzo (a) anthracene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Benzo (a) pyrene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Benzoic Acid	"	ND	*0.583*	1.17	"	"	"	"	"	
Benzyl alcohol	"	ND	*1.17*	1.17	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	*0.0816*	0.385	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	*0.0816*	0.385	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	*0.0816*	0.385	"	"	"	"	"	
4-Chloroaniline	"	ND	*0.192*	2.33	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	*0.0816*	0.385	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	*0.0816*	0.385	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	*0.0816*	0.385	"	"	"	"	"	
2-Chloronaphthalene	"	ND	*0.0816*	0.385	"	"	"	"	"	
2-Chlorophenol	"	ND	*0.0816*	0.385	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	*0.117*	0.385	"	"	"	"	"	
Chrysene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	*0.583*	1.17	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	*0.0816*	0.385	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Dibenzofuran	"	ND	*0.0816*	0.385	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	*0.583*	1.17	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	*0.583*	1.17	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	*0.583*	1.17	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	*0.583*	1.17	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	*0.0816*	0.385	"	"	"	"	"	
Diethyl phthalate	"	ND	*0.0816*	0.385	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	*0.583*	1.17	"	"	"	"	"	
Dimethyl phthalate	"	ND	*0.0816*	0.385	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	*0.583*	1.17	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	*2.33*	2.33	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	*0.583*	0.583	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	*0.583*	0.583	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	*2.33*	2.33	"	"	"	"	"	
Fluoranthene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Fluorene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Hexachlorobenzene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Hexachlorobutadiene	"	ND	*0.583*	1.17	"	"	"	"	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-07 (MW6-407-14)		**Soil**			**Sampled: 04/20/07 12:47**					
Hexachlorocyclopentadiene	EPA 8270C	ND	*0.583*	1.17	mg/kg dry	1x	7041149	04/26/07 14:30	05/02/07 22:05	
Hexachloroethane	"	ND	*0.583*	1.17	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Isophorone	"	ND	*0.0816*	0.385	"	"	"	"	"	
2-Methylnaphthalene	"	ND	*0.0816*	0.385	"	"	"	"	"	
2-Methylphenol	"	ND	*0.0816*	0.385	"	"	"	"	"	
3-,4-Methylphenol	"	ND	*0.0816*	0.385	"	"	"	"	"	
Naphthalene	"	ND	*0.0816*	0.385	"	"	"	"	"	
2-Nitroaniline	"	ND	*0.0816*	0.385	"	"	"	"	"	
3-Nitroaniline	"	ND	*0.583*	1.17	"	"	"	"	"	
4-Nitroaniline	"	ND	*0.0816*	0.385	"	"	"	"	"	
Nitrobenzene	"	ND	*0.0816*	0.385	"	"	"	"	"	
2-Nitrophenol	"	ND	*0.0816*	0.385	"	"	"	"	"	
4-Nitrophenol	"	ND	*0.583*	1.17	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	*0.0816*	0.385	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	*0.0816*	0.385	"	"	"	"	"	
Pentachlorophenol	"	ND	*0.583*	1.17	"	"	"	"	"	
Phenanthrene	"	ND	*0.0816*	0.385	"	"	"	"	"	
Phenol	"	ND	*0.0816*	0.385	"	"	"	"	"	
Pyrene	"	ND	*0.0816*	0.385	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	*0.583*	1.17	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	*0.0816*	0.385	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	*0.0816*	0.385	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*			*82.5%*		*33 - 126 %*	"			"	
2-Fluorophenol			*61.6%*		*20 - 127 %*	"			"	
Nitrobenzene-d5			*79.0%*		*25 - 131 %*	"			"	
Phenol-d6			*97.1%*		*13 - 138 %*	"			"	
p-Terphenyl-d14			*92.1%*		*38 - 142 %*	"			"	
2,4,6-Tribromophenol			*79.1%*		*46 - 124 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQD0870-06 (MW6-407-10)		**Soil**					**Sampled: 04/20/07 12:40**			
% Solids	NCA SOP	**86.6**	*0.00*	0.00	% by Weight	1x	7040992	04/23/07 12:42	04/23/07 12:42	
PQD0870-07 (MW6-407-14)		**Soil**					**Sampled: 04/20/07 12:47**			
% Solids	NCA SOP	**85.7**	*0.00*	0.00	% by Weight	1x	7040992	04/23/07 12:42	04/23/07 12:42	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7041103 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7041103-BLK1)								**Extracted: 04/25/07 13:55**						
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	20.0	mg/kg wet	1x	--	--	--	--	--	--	04/26/07 21:10	
Diesel Range Hydrocarbons	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	100	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 112%*			*Limits: 50-150%*	"							*04/26/07 21:10*	
Duplicate (7041103-DUP1)					**QC Source: PQD0870-06**				**Extracted: 04/25/07 13:55**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	21.9	mg/kg dry	1x	ND	--	--	--		(50)	04/26/07 22:18	
Diesel Range Hydrocarbons	"	ND	---	54.8	"	"	ND	--	--	--	NR	"	"	
Heavy Oil Range Hydrocarbons	"	DET	---	110	"	"	187	--	--	--	39.7%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 108%*			*Limits: 50-150%*	"							*04/26/07 22:18*	

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1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method with Acid/Silica Gel Cleanup - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7050045 **Soil Preparation Method: EPA 3550 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7050045-BLK1)								**Extracted: 05/01/07 15:55**						
Diesel Range Organics	NWTPH-Dx	ND	12.5	12.5	mg/kg wet	1x	--	--	--	--	--	--	05/02/07 02:13	
Heavy Oil Range Hydrocarbons	"	ND	25.0	25.0	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 72.3%*			*Limits: 50-150%*	"							*05/02/07 02:13*	
LCS (7050045-BS1)								**Extracted: 05/01/07 15:55**						
Diesel Range Organics	NWTPH-Dx	122	12.5	12.5	mg/kg wet	1x	--	127	96.1%	(50-150)	--	--	05/02/07 02:46	
Heavy Oil Range Hydrocarbons	"	77.9	25.0	25.0	"	"	--	78.8	98.9%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 97.1%*			*Limits: 50-150%*	"							*05/02/07 02:46*	
Duplicate (7050045-DUP1)					**QC Source: PQD0870-06**			**Extracted: 05/01/07 15:55**						
Diesel Range Organics	NWTPH-Dx	ND	14.3	14.3	mg/kg dry	1x	ND	--	--	--	NR	(50)	05/02/07 03:18	
Heavy Oil Range Hydrocarbons	"	120	28.7	28.7	"	"	116	--	--	--	3.39%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 84.8%*			*Limits: 50-150%*	"							*05/02/07 03:18*	
Duplicate (7050045-DUP2)					**QC Source: PQE0002-01**			**Extracted: 05/01/07 15:55**						
Diesel Range Organics	NWTPH-Dx	4290	149	149	mg/kg dry	10x	3150	--	--	--	30.6%	(50)	05/02/07 13:21	Q9
Heavy Oil Range Hydrocarbons	"	2010	298	298	"	"	1560	--	--	--	25.2%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: NR*			*Limits: 50-150%*	"							*05/02/07 13:21*	*Z9*

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

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QC Batch: 7040962 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7040962-BLK1)									Extracted: 04/23/07 10:35					
Acetone	EPA 8260B	ND	143	2480	ug/kg wet	1x	--	--	--	--	--	--	04/26/07 02:30	
Benzene	"	ND	4.40	19.8	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	12.1	99.0	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	16.2	99.0	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	10.1	99.0	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	15.6	99.0	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	5.04	495	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	147	990	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	11.2	495	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	7.38	99.0	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	15.0	99.0	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	7.12	990	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	7.56	99.0	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	8.01	99.0	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	10.6	99.0	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	7.19	99.0	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	6.65	495	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	10.9	99.0	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	10.3	99.0	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	25.7	495	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	11.1	99.0	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	11.5	99.0	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	14.6	99.0	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	14.3	99.0	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	5.80	99.0	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	14.8	99.0	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	11.7	495	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	11.8	99.0	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	11.1	99.0	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	11.8	99.0	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	12.5	99.0	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	8.88	99.0	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	7.38	99.0	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	17.2	99.0	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	8.01	99.0	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	10.8	99.0	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	4.90	99.0	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	8.21	99.0	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	9.31	99.0	"	"	--	--	--	--	--	--	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040962 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7040962-BLK1)									**Extracted: 04/23/07 10:35**					
Hexachlorobutadiene	EPA 8260B	ND	68.7	396	ug/kg wet	1x	--	--	--	--	--	--	04/26/07 02:30	
2-Hexanone	"	ND	56.6	990	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	9.46	198	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	9.58	198	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	116	495	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	11.8	99.0	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	248	495	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	14.0	198	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	9.79	99.0	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	8.80	99.0	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	9.16	99.0	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	20.9	99.0	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	16.7	99.0	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	6.23	99.0	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	16.7	99.0	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	21.2	99.0	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	6.07	99.0	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	17.9	99.0	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	11.9	99.0	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	8.88	99.0	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	48.7	99.0	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	6.68	99.0	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	9.24	99.0	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	5.68	99.0	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	11.5	99.0	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	11.3	198	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery: 98.5%*	*Limits: 75-125%*	*0.01x*	*04/26/07 02:30*
	1,2-DCA-d4	*82.3%*	*75-125%*	*"*	*"*
	Dibromofluoromethane	*81.3%*	*75-125%*	*"*	*"*
	Toluene-d8	*99.0%*	*75-125%*	*"*	*"*

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040962 **Soil Preparation Method: EPA 5035 Modified**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7040962-BS1)								**Extracted: 04/23/07 10:35**						
Benzene	EPA 8260B	1970	4.40	19.8	ug/kg wet	1x	--	1980	99.5%	(81.9-125)	--	--	04/25/07 16:00	
Chlorobenzene	"	1910	8.01	99.0	"	"	--	"	96.5%	(79.2-125)	--	--	"	
1,1-Dichloroethene	"	1700	11.8	99.0	"	"	--	"	85.9%	(66.1-125)	--	--	"	
Toluene	"	1920	6.23	99.0	"	"	--	"	97.0%	(80-125)	--	--	"	
Trichloroethene	"	1860	11.9	99.0	"	"	--	"	93.9%	(76-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 98.0%*			*Limits: 75-125%*	*0.01x*							*04/25/07 16:00*	
1,2-DCA-d4		*87.9%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*91.9%*			*75-125%*	*"*							*"*	
Toluene-d8		*95.5%*			*75-125%*	*"*							*"*	
Matrix Spike (7040962-MS1)					**QC Source: PQD0698-01**			**Extracted: 04/23/07 10:35**						
Benzene	EPA 8260B	4440	9.88	44.5	ug/kg dry	1x	ND	4450	99.8%	(68.5-125)	--	--	04/25/07 16:27	
Chlorobenzene	"	4330	18.0	223	"	"	ND	"	97.3%	(65.9-125)	--	--	"	
1,1-Dichloroethene	"	3810	26.5	223	"	"	ND	"	85.6%	(55.8-125)	--	--	"	
Toluene	"	4440	14.0	223	"	"	ND	"	99.8%	(70.3-125)	--	--	"	
Trichloroethene	"	4610	26.7	223	"	"	33.4	"	103%	(65.5-125)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 100%*			*Limits: 75-125%*	*0.01x*							*04/25/07 16:27*	
1,2-DCA-d4		*82.9%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*92.6%*			*75-125%*	*"*							*"*	
Toluene-d8		*97.1%*			*75-125%*	*"*							*"*	
Matrix Spike Dup (7040962-MSD1)					**QC Source: PQD0698-01**			**Extracted: 04/23/07 10:35**						
Benzene	EPA 8260B	4440	9.88	44.5	ug/kg dry	1x	ND	4450	99.8%	(68.5-125)	0.00%	(25)	04/25/07 16:55	
Chlorobenzene	"	4140	18.0	223	"	"	ND	"	93.0%	(65.9-125)	4.49%	"	"	
1,1-Dichloroethene	"	3910	26.5	223	"	"	ND	"	87.9%	(55.8-125)	2.59%	"	"	
Toluene	"	4270	14.0	223	"	"	ND	"	96.0%	(70.3-125)	3.90%	"	"	
Trichloroethene	"	4710	26.7	223	"	"	33.4	"	105%	(65.5-125)	2.15%	"	"	
Surrogate(s): 4-BFB		*Recovery: 102%*			*Limits: 75-125%*	*0.01x*							*04/25/07 16:55*	
1,2-DCA-d4		*86.3%*			*75-125%*	*"*							*"*	
Dibromofluoromethane		*92.4%*			*75-125%*	*"*							*"*	
Toluene-d8		*98.0%*			*75-125%*	*"*							*"*	

TestAmerica - Portland, OR

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ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7041061 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7041061-BLK1)								**Extracted: 04/24/07 14:08**						
Acetone	EPA 8260B	ND	7.76	25.0	ug/l	1x	--	--	--	--	--	--	04/24/07 18:46	
Benzene	"	ND	0.0900	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	0.100	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	0.180	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	0.110	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	0.100	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	0.170	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	3.50	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	0.0600	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	0.0800	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	0.0600	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	0.140	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	0.0600	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	0.0500	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	0.110	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	0.0900	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	0.0800	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	0.0700	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	0.110	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	2.35	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	0.0700	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	0.110	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	0.100	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	0.0700	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	0.0600	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	0.120	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	0.110	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	0.0800	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	0.100	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	0.120	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	0.0900	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	0.100	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	0.110	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	0.140	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	0.0900	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	0.0800	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	0.0900	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	0.100	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	0.0600	1.00	"	"	--	--	--	--	--	--	"	

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7041061 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7041061-BLK1)							**Extracted: 04/24/07 14:08**							
Hexachlorobutadiene	EPA 8260B	ND	0.210	4.00	ug/l	1x	--	--	--	--	--	--	04/24/07 18:46	
2-Hexanone	"	ND	3.62	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	0.0700	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	0.0600	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	0.290	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	0.0900	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	0.160	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.0900	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	0.100	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	0.0400	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	0.0900	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	0.0800	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	0.110	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	0.110	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	0.100	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	0.110	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	0.120	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	0.130	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	0.0800	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	0.0600	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	0.130	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	0.0800	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	0.0700	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	0.100	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	0.0700	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	0.210	2.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery:*	*94.5%*	*Limits:*	*80-120%*	*" 04/24/07 18:46*
	1,2-DCA-d4		*95.0%*		*80-120%*	*" "*
	Dibromofluoromethane		*93.5%*		*80-120%*	*" "*
	Toluene-d8		*94.0%*		*80-120%*	*" "*

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7041061 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7041061-BS1)									**Extracted: 04/24/07 14:08**					
Benzene	EPA 8260B	19.9	0.0900	1.00	ug/l	1x	--	20.0	99.5%	(80-120)	--	--	04/24/07 16:59	
Chlorobenzene	"	19.9	0.0500	1.00	"	"	--	"	99.5%	(80-124)	--	--	"	
1,1-Dichloroethene	"	17.8	0.120	1.00	"	"	--	"	89.0%	(78-120)	--	--	"	
Toluene	"	20.0	0.110	1.00	"	"	--	"	100%	(80-124)	--	--	"	
Trichloroethene	"	21.3	0.0800	1.00	"	"	--	"	106%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 102%*			*Limits: 80-120%*	"							*04/24/07 16:59*	
1,2-DCA-d4		*96.0%*			*80-120%*	"							"	
Dibromofluoromethane		*97.0%*			*80-120%*	"							"	
Toluene-d8		*100%*			*80-120%*	"							"	
Matrix Spike (7041061-MS1)							**QC Source: PQD0849-01**		**Extracted: 04/24/07 14:08**					
Benzene	EPA 8260B	20.5	0.0900	1.00	ug/l	1x	ND	20.0	102%	(80-124)	--	--	04/24/07 17:26	
Chlorobenzene	"	20.1	0.0500	1.00	"	"	ND	"	100%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	20.0	0.120	1.00	"	"	ND	"	100%	(79.3-127)	--	--	"	
Toluene	"	20.2	0.110	1.00	"	"	ND	"	101%	(79.7-131)	--	--	"	
Trichloroethene	"	19.8	0.0800	1.00	"	"	ND	"	99.0%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 101%*			*Limits: 80-120%*	"							*04/24/07 17:26*	
1,2-DCA-d4		*99.0%*			*80-120%*	"							"	
Dibromofluoromethane		*98.0%*			*80-120%*	"							"	
Toluene-d8		*98.5%*			*80-120%*	"							"	
Matrix Spike Dup (7041061-MSD1)							**QC Source: PQD0849-01**		**Extracted: 04/24/07 14:08**					
Benzene	EPA 8260B	20.2	0.0900	1.00	ug/l	1x	ND	20.0	101%	(80-124)	1.47%	(25)	04/24/07 17:53	
Chlorobenzene	"	20.0	0.0500	1.00	"	"	ND	"	100%	(72.9-134)	0.499%	"	"	
1,1-Dichloroethene	"	20.0	0.120	1.00	"	"	ND	"	100%	(79.3-127)	0.00%	"	"	
Toluene	"	20.0	0.110	1.00	"	"	ND	"	100%	(79.7-131)	0.995%	"	"	
Trichloroethene	"	19.6	0.0800	1.00	"	"	ND	"	98.0%	(68.4-130)	1.02%	"	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 80-120%*	"							*04/24/07 17:53*	
1,2-DCA-d4		*101%*			*80-120%*	"							"	
Dibromofluoromethane		*101%*			*80-120%*	"							"	
Toluene-d8		*102%*			*80-120%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040947 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7040947-BLK1)								**Extracted: 04/23/07 15:30**						
Carbazole	EPA 8270C	ND	3.00	5.00	ug/l	1x	--	--	--	--	--	--	04/30/07 21:01	
Acenaphthene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	50.0	50.0	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	10.0	20.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	5.00	5.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	5.00	5.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	5.00	5.00	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	15.0	25.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	10.0	10.0	"	"	--	--	--	--	--	--	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040947 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7040947-BLK1)							**Extracted: 04/23/07 15:30**							
Fluoranthene	EPA 8270C	ND	3.00	5.00	ug/l	1x	--	--	--	--	--	--	04/30/07 21:01	
Fluorene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	10.0	25.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	5.00	10.0	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	5.00	5.00	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	3.00	5.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 70.8%*			*Limits: 22-120%*	"							*04/30/07 21:01*	
2-Fluorophenol		*68.7%*			*5-120%*	"							"	
Nitrobenzene-d5		*87.1%*			*26-127%*	"							"	
Phenol-d6		*110%*			*4-121%*	"							"	
p-Terphenyl-d14		*81.5%*			*37-130%*	"							"	
2,4,6-Tribromophenol		*88.7%*			*21-129%*	"							"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040947 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7040947-BS1)								**Extracted: 04/23/07 15:30**						
Acenaphthene	EPA 8270C	49.3	3.00	5.00	ug/l	1x	--	50.0	98.6%	(56-120)	--	--	04/30/07 20:17	
4-Chloro-3-methylphenol	"	49.4	3.00	5.00	"	"	--	"	98.8%	(37-131)	--	--	"	
2-Chlorophenol	"	49.8	3.00	5.00	"	"	--	"	99.6%	(31-130)	--	--	"	
1,4-Dichlorobenzene	"	36.5	5.00	5.00	"	"	--	"	73.0%	(8-124)	--	--	"	
2,4-Dinitrotoluene	"	37.4	3.00	5.00	"	"	--	"	74.8%	(50-127)	--	--	"	
4-Nitrophenol	"	48.4	10.0	25.0	"	"	--	"	96.8%	(1-157)	--	--	"	
N-Nitrosodi-n-propylamine	"	47.1	5.00	10.0	"	"	--	"	94.2%	(44-129)	--	--	"	
Pentachlorophenol	"	53.1	5.00	10.0	"	"	--	"	106%	(23-149)	--	--	"	
Phenol	"	41.4	3.00	5.00	"	"	--	"	82.8%	(1-145)	--	--	"	
Pyrene	"	48.6	3.00	5.00	"	"	--	"	97.2%	(56-125)	--	--	"	
1,2,4-Trichlorobenzene	"	38.3	5.00	5.00	"	"	--	"	76.6%	(33-116)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 82.3%*			*Limits: 22-120%*	"							*04/30/07 20:17*	
2-Fluorophenol		*72.7%*			*5-120%*	"							"	
Nitrobenzene-d5		*88.3%*			*26-127%*	"							"	
Phenol-d6		*103%*			*4-121%*	"							"	
p-Terphenyl-d14		*88.5%*			*37-130%*	"							"	
2,4,6-Tribromophenol		*100%*			*21-129%*	"							"	
Matrix Spike (7040947-MS1)					**QC Source: PQD0826-01**			**Extracted: 04/23/07 15:30**						
Acenaphthene	EPA 8270C	47.3	3.00	5.00	ug/l	1x	ND	50.0	94.6%	(20-150)	--	--	04/30/07 19:34	
4-Chloro-3-methylphenol	"	48.1	3.00	5.00	"	"	ND	"	96.2%	(10-150)	--	--	"	
2-Chlorophenol	"	49.6	3.00	5.00	"	"	ND	"	99.2%	"	--	--	"	
1,4-Dichlorobenzene	"	42.8	5.00	5.00	"	"	ND	"	85.6%	(1-150)	--	--	"	
2,4-Dinitrotoluene	"	40.4	3.00	5.00	"	"	ND	"	80.8%	(10-150)	--	--	"	
4-Nitrophenol	"	44.0	10.0	25.0	"	"	ND	"	88.0%	(1-200)	--	--	"	
N-Nitrosodi-n-propylamine	"	49.9	5.00	10.0	"	"	ND	"	99.8%	"	--	--	"	
Pentachlorophenol	"	55.6	5.00	10.0	"	"	ND	"	111%	"	--	--	"	
Phenol	"	43.7	3.00	5.00	"	"	ND	"	87.4%	"	--	--	"	
Pyrene	"	51.1	3.00	5.00	"	"	ND	"	102%	(20-135)	--	--	"	
1,2,4-Trichlorobenzene	"	40.5	5.00	5.00	"	"	ND	"	81.0%	(1-150)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 80.1%*			*Limits: 22-120%*	"							*04/30/07 19:34*	
2-Fluorophenol		*72.0%*			*5-120%*	"							"	
Nitrobenzene-d5		*87.3%*			*26-127%*	"							"	
Phenol-d6		*108%*			*4-121%*	"							"	
p-Terphenyl-d14		*88.5%*			*37-130%*	"							"	
2,4,6-Tribromophenol		*90.0%*			*21-129%*	"							"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040947 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7040947-MSD1)					**QC Source: PQD0826-01**				**Extracted: 04/23/07 15:30**					
Acenaphthene	EPA 8270C	21.8	2.99	4.98	ug/l	1x	ND	49.8	43.8%	(20-150)	73.8%	(50)	04/30/07 18:50	A-01
4-Chloro-3-methylphenol	"	22.3	2.99	4.98	"	"	ND	"	44.8%	(10-150)	73.3%	"	"	A-01
2-Chlorophenol	"	20.4	2.99	4.98	"	"	ND	"	41.0%	"	83.4%	"	"	A-01
1,4-Dichlorobenzene	"	15.4	4.98	4.98	"	"	ND	"	30.9%	(1-150)	94.2%	"	"	A-01
2,4-Dinitrotoluene	"	16.6	2.99	4.98	"	"	ND	"	33.3%	(10-150)	83.5%	"	"	A-01
4-Nitrophenol	"	14.3	9.95	24.9	"	"	ND	"	28.7%	(1-200)	102%	"	"	A-01, J
N-Nitrosodi-n-propylamine	"	20.8	4.98	9.95	"	"	ND	"	41.8%	"	82.3%	"	"	A-01
Pentachlorophenol	"	23.2	4.98	9.95	"	"	ND	"	46.6%	"	82.2%	"	"	A-01
Phenol	"	20.2	2.99	4.98	"	"	ND	"	40.6%	"	73.6%	"	"	A-01
Pyrene	"	21.4	2.99	4.98	"	"	ND	"	43.0%	(20-135)	81.9%	"	"	A-01
1,2,4-Trichlorobenzene	"	17.5	4.98	4.98	"	"	ND	"	35.1%	(1-150)	79.3%	"	"	A-01

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 37.7%*	*Limits: 22-120%*	"		*04/30/07 18:50*
	2-Fluorophenol	*35.6%*	*5-120%*	"		"
	Nitrobenzene-d5	*37.5%*	*26-127%*	"		"
	Phenol-d6	*51.3%*	*4-121%*	"		"
	p-Terphenyl-d14	*39.4%*	*37-130%*	"		"
	2,4,6-Tribromophenol	*40.7%*	*21-129%*	"		"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7041149 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7041149-BLK1)									Extracted: 04/26/07 14:30					
Carbazole	EPA 8270C	ND	0.0695	0.327	mg/kg wet	1x	--	--	--	--	--	--	05/01/07 03:27	
Acenaphthene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	0.992	0.992	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	0.164	1.98	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	0.0992	0.327	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	1.98	1.98	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	0.496	0.496	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	0.496	0.496	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	1.98	1.98	"	"	--	--	--	--	--	--	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7041149 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7041149-BLK1)							**Extracted: 04/26/07 14:30**							
Fluoranthene	EPA 8270C	ND	0.0695	0.327	mg/kg wet	1x	--	--	--	--	--	--	05/01/07 03:27	
Fluorene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	0.496	0.992	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	0.0695	0.327	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 79.8%*	*Limits: 33-126%*	"	*05/01/07 03:27*
	2-Fluorophenol	*68.1%*	*20-127%*	"	"
	Nitrobenzene-d5	*83.1%*	*25-131%*	"	"
	Phenol-d6	*104%*	*13-138%*	"	"
	p-Terphenyl-d14	*81.9%*	*38-142%*	"	"
	2,4,6-Tribromophenol	*71.0%*	*46-124%*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7041149 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7041149-BS1)								**Extracted: 04/26/07 14:30**						
Acenaphthene	EPA 8270C	2.02	0.0692	0.326	mg/kg wet	1x	--	2.47	81.8%	(46-120)	--	--	05/01/07 04:10	
4-Chloro-3-methylphenol	"	3.85	0.0692	0.326	"	"	--	4.94	77.9%	(36-138)	--	--	"	
2-Chlorophenol	"	3.45	0.0692	0.326	"	"	--	"	69.8%	(18-137)	--	--	"	
1,4-Dichlorobenzene	"	1.91	0.494	0.989	"	"	--	2.47	77.3%	(7-135)	--	--	"	
2,4-Dinitrotoluene	"	1.67	0.494	0.494	"	"	--	"	67.6%	(49-125)	--	--	"	
4-Nitrophenol	"	3.27	0.494	0.989	"	"	--	4.94	66.2%	(40-148)	--	--	"	
N-Nitrosodi-n-propylamine	"	2.20	0.0692	0.326	"	"	--	2.47	89.1%	(20-138)	--	--	"	
Pentachlorophenol	"	2.15	0.494	0.989	"	"	--	4.94	43.5%	(22-129)	--	--	"	
Phenol	"	2.93	0.0692	0.326	"	"	--	"	59.3%	(37-122)	--	--	"	
Pyrene	"	1.99	0.0692	0.326	"	"	--	2.47	80.6%	(26-143)	--	--	"	
1,2,4-Trichlorobenzene	"	1.77	0.494	0.989	"	"	--	"	71.7%	(25-129)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 80.2%*			*Limits: 33-126%*	"							*05/01/07 04:10*	
2-Fluorophenol		*69.6%*			*20-127%*	"							"	
Nitrobenzene-d5		*85.0%*			*25-131%*	"							"	
Phenol-d6		*106%*			*13-138%*	"							"	
p-Terphenyl-d14		*81.0%*			*38-142%*	"							"	
2,4,6-Tribromophenol		*84.6%*			*46-124%*	"							"	
Matrix Spike (7041149-MS1)					**QC Source: PQD0739-01**			**Extracted: 04/26/07 14:30**						RL3
Acenaphthene	EPA 8270C	5.44	1.34	6.32	mg/kg dry	4x	ND	5.98	91.0%	(26-150)	--	--	05/01/07 22:28	J
4-Chloro-3-methylphenol	"	10.4	1.34	6.32	"	"	ND	12.0	86.7%	"	--	--	"	
2-Chlorophenol	"	10.6	1.34	6.32	"	"	ND	"	88.3%	(8-150)	--	--	"	
1,4-Dichlorobenzene	"	1.21	0.958	19.2	"	"	ND	5.98	20.2%	(4-150)	--	--	"	J
2,4-Dinitrotoluene	"	3.95	0.958	9.58	"	"	ND	"	66.1%	(32-150)	--	--	"	J
4-Nitrophenol	"	7.57	0.958	19.2	"	"	ND	12.0	63.1%	(20-175)	--	--	"	J
N-Nitrosodi-n-propylamine	"	6.14	1.34	6.32	"	"	ND	5.98	103%	(10-150)	--	--	"	J
Pentachlorophenol	"	8.04	0.958	19.2	"	"	ND	12.0	67.0%	(12-150)	--	--	"	J
Phenol	"	10.4	1.34	6.32	"	"	ND	"	86.7%	(17-150)	--	--	"	
Pyrene	"	5.78	1.34	6.32	"	"	ND	5.98	96.7%	(16-175)	--	--	"	J
1,2,4-Trichlorobenzene	"	4.94	0.958	19.2	"	"	ND	"	82.6%	(18-150)	--	--	"	J
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 95.0%*			*Limits: 33-126%*	"							*05/01/07 22:28*	
2-Fluorophenol		*81.8%*			*20-127%*	"							"	
Nitrobenzene-d5		*94.1%*			*25-131%*	"							"	
Phenol-d6		*78.3%*			*13-138%*	"							"	
p-Terphenyl-d14		*94.0%*			*38-142%*	"							"	
2,4,6-Tribromophenol		*79.3%*			*46-124%*	"							"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

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Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7041149 **Soil Preparation Method: EPA 3550**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7041149-MSD1)					**QC Source: PQD0739-01**				**Extracted: 04/26/07 14:30**					RL3
Acenaphthene	EPA 8270C	6.29	1.35	6.35	mg/kg dry	4x	ND	6.01	105%	(26-150)	14.5%	(60)	05/01/07 23:11	J
4-Chloro-3-methylphenol	"	12.1	1.35	6.35	"	"	ND	12.0	101%	"	15.1%	"	"	
2-Chlorophenol	"	11.3	1.35	6.35	"	"	ND	"	94.2%	(8-150)	6.39%	"	"	
1,4-Dichlorobenzene	"	1.44	0.962	19.2	"	"	ND	6.01	24.0%	(4-150)	17.4%	"	"	J
2,4-Dinitrotoluene	"	3.65	0.962	9.62	"	"	ND	"	60.7%	(32-150)	7.89%	"	"	J
4-Nitrophenol	"	7.88	0.962	19.2	"	"	ND	12.0	65.7%	(20-175)	4.01%	"	"	J
N-Nitrosodi-n-propylamine	"	5.69	1.35	6.35	"	"	ND	6.01	94.7%	(10-150)	7.61%	"	"	J
Pentachlorophenol	"	8.65	0.962	19.2	"	"	ND	12.0	72.1%	(12-150)	7.31%	"	"	J
Phenol	"	10.7	1.35	6.35	"	"	ND	"	89.2%	(17-150)	2.84%	"	"	
Pyrene	"	6.02	1.35	6.35	"	"	ND	6.01	100%	(16-175)	4.07%	"	"	J
1,2,4-Trichlorobenzene	"	5.25	0.962	19.2	"	"	ND	"	87.4%	(18-150)	6.08%	"	"	J

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 99.7%*	*Limits: 33-126%*	"	*05/01/07 23:11*
	2-Fluorophenol	*78.8%*	*20-127%*	"	"
	Nitrobenzene-d5	*94.5%*	*25-131%*	"	"
	Phenol-d6	*79.2%*	*13-138%*	"	"
	p-Terphenyl-d14	*90.7%*	*38-142%*	"	"
	2,4,6-Tribromophenol	*88.3%*	*46-124%*	"	"

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Percent Dry Weight (Solids) per Standard Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7040992 **Soil Preparation Method: Dry Weight**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (7040992-DUP1)					**QC Source: PQD0870-07**			**Extracted: 04/23/07 12:42**						
% Solids	NCA SOP	85.3	0.00	0.00	% by Weight	1x	85.7	--	--	--	0.468%	(20)	04/23/07 12:42	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	008.0228.00026	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/08/07 11:41

Notes and Definitions

Report Specific Notes:

A-01	-	Recoveries and/or RPD is outside control limit due to an isolated extraction error. Recoveries for batch BS and MS are acceptable. Batch data is not compromised.
J	-	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
Q9	-	Hydrocarbon pattern most closely resembles weathered diesel.
RL3	-	Reporting limit raised due to high concentrations of non-target analytes.
Z9	-	Unable to calculate surrogate recovery due to matrix interference.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Sarah Rockwell

Sarah Rockwell, Project Manager

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May 29, 2007

Steve Locke
SLR-Portland
1800 Blankenship Road Suite 440
West Linn, OR 97068

RE: Jeld Wen- Nord Door

Enclosed are the results of analyses for samples received by the laboratory on 05/14/07 08:45. The following list is a summary of the Work Orders contained in this report, generated on 05/29/07 11:14.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PQE0537	Jeld Wen- Nord Door	Everett-WA

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW6-507	PQE0537-01	Water	05/11/07 16:05	05/14/07 08:45

Sarah Rockwell

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Hydrocarbon Identification per NW-TPH Methodology

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQE0537-01 (MW6-507)		**Water**				**Sampled: 05/11/07 16:05**				
Gasoline Range Hydrocarbons	NWTPH HCID	ND	-----	0.238	mg/l	1x	7050774	05/16/07 10:20	05/16/07 17:14	
Diesel Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.600	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*101%*		*50 - 150 %*	*"*			*"*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQE0537-01 (MW6-507)		**Water**				**Sampled: 05/11/07 16:05**				
Diesel Range Organics	NWTPH-Dx	ND	-----	0.476	mg/l	1x	7050774	05/16/07 10:20	05/16/07 15:47	
Heavy Oil Range Hydrocarbons	"	ND	-----	0.952	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			*86.4%*		*50 - 150 %*	*"*			*"*	

Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQE0537-01 (MW6-507)		**Water**			**Sampled: 05/11/07 16:05**					
Acetone	EPA 8260B	ND	-----	25.0	ug/l	1x	7050722	05/15/07 09:22	05/15/07 19:29	
Benzene	"	ND	-----	1.00	"	"	"	"	"	
Bromobenzene	"	ND	-----	1.00	"	"	"	"	"	
Bromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromodichloromethane	"	ND	-----	1.00	"	"	"	"	"	
Bromoform	"	ND	-----	1.00	"	"	"	"	"	
Bromomethane	"	ND	-----	5.00	"	"	"	"	"	
2-Butanone (MEK)	"	ND	-----	10.0	"	"	"	"	"	
n-Butylbenzene	"	ND	-----	5.00	"	"	"	"	"	
sec-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
tert-Butylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Carbon disulfide	"	ND	-----	10.0	"	"	"	"	"	
Carbon tetrachloride	"	ND	-----	1.00	"	"	"	"	"	
Chlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Chloroethane	"	ND	-----	1.00	"	"	"	"	"	
Chloroform	"	ND	-----	1.00	"	"	"	"	"	
Chloromethane	"	ND	-----	5.00	"	"	"	"	"	
2-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
4-Chlorotoluene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND	-----	5.00	"	"	"	"	"	
Dibromochloromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dibromoethane	"	ND	-----	1.00	"	"	"	"	"	
Dibromomethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND	-----	5.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND	-----	1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,3-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
2,2-Dichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,1-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	4.00	"	"	"	"	"	
2-Hexanone	"	ND	-----	10.0	"	"	"	"	"	
Isopropylbenzene	"	ND	-----	2.00	"	"	"	"	"	
p-Isopropyltoluene	"	ND	-----	2.00	"	"	"	"	"	

TestAmerica - Portland, OR

Sarah Rockwell

Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Volatile Organic Compounds per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQE0537-01 (MW6-507)		**Water**			**Sampled: 05/11/07 16:05**					
4-Methyl-2-pentanone	EPA 8260B	ND	-----	5.00	ug/l	1x	7050722	05/15/07 09:22	05/15/07 19:29	
Methyl tert-butyl ether	"	ND	-----	1.00	"	"	"	"	"	
Methylene chloride	"	ND	-----	5.00	"	"	"	"	"	
Naphthalene	"	ND	-----	2.00	"	"	"	"	"	
n-Propylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Styrene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND	-----	1.00	"	"	"	"	"	
Tetrachloroethene	"	ND	-----	1.00	"	"	"	"	"	
Toluene	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND	-----	1.00	"	"	"	"	"	
Trichloroethene	"	ND	-----	1.00	"	"	"	"	"	
Trichlorofluoromethane	"	ND	-----	1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND	-----	1.00	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND	-----	1.00	"	"	"	"	"	
Vinyl chloride	"	ND	-----	1.00	"	"	"	"	"	
o-Xylene	"	ND	-----	1.00	"	"	"	"	"	
m,p-Xylene	"	ND	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB			*102%*		*80 - 120 %*	"			"	
1,2-DCA-d4			*97.5%*		*80 - 120 %*	"			"	
Dibromofluoromethane			*100%*		*80 - 120 %*	"			"	
Toluene-d8			*102%*		*80 - 120 %*	"			"	

TestAmerica - Portland, OR

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQE0537-01 (MW6-507)		**Water**			**Sampled: 05/11/07 16:05**					
Carbazole	EPA 8270C	ND	-----	4.76	ug/l	1x	7050770	05/16/07 14:40	05/21/07 20:37	
Acenaphthene	"	ND	-----	4.76	"	"	"	"	"	
Acenaphthylene	"	ND	-----	4.76	"	"	"	"	"	
Anthracene	"	ND	-----	4.76	"	"	"	"	"	
Benzo (a) anthracene	"	ND	-----	4.76	"	"	"	"	"	
Benzo (a) pyrene	"	ND	-----	4.76	"	"	"	"	"	
Benzo (b) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	
Benzo (ghi) perylene	"	ND	-----	4.76	"	"	"	"	"	
Benzo (k) fluoranthene	"	ND	-----	4.76	"	"	"	"	"	
Benzoic Acid	"	ND	-----	47.6	"	"	"	"	"	
Benzyl alcohol	"	ND	-----	9.52	"	"	"	"	"	
4-Bromophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Butyl benzyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4-Chloro-3-methylphenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chloroaniline	"	ND	-----	19.0	"	"	"	"	"	
Bis(2-chloroethoxy)methane	"	ND	-----	9.52	"	"	"	"	"	
Bis(2-chloroethyl)ether	"	ND	-----	4.76	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	"	ND	-----	9.52	"	"	"	"	"	
2-Chloronaphthalene	"	ND	-----	4.76	"	"	"	"	"	
2-Chlorophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Chlorophenyl phenyl ether	"	ND	-----	4.76	"	"	"	"	"	
Chrysene	"	ND	-----	4.76	"	"	"	"	"	
Di-n-butyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Di-n-octyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
Dibenzo (a,h) anthracene	"	ND	-----	4.76	"	"	"	"	"	
Dibenzofuran	"	ND	-----	4.76	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
3,3´-Dichlorobenzidine	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
Diethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
2,4-Dimethylphenol	"	ND	-----	9.52	"	"	"	"	"	
Dimethyl phthalate	"	ND	-----	4.76	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	"	ND	-----	9.52	"	"	"	"	"	
2,4-Dinitrophenol	"	ND	-----	23.8	"	"	"	"	"	
2,4-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	
2,6-Dinitrotoluene	"	ND	-----	4.76	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	"	ND	-----	9.52	"	"	"	"	"	
Fluoranthene	"	ND	-----	4.76	"	"	"	"	"	
Fluorene	"	ND	-----	4.76	"	"	"	"	"	
Hexachlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
Hexachlorobutadiene	"	ND	-----	9.52	"	"	"	"	"	

TestAmerica - Portland, OR

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Semivolatile Organic Compounds per EPA Method 8270C

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQE0537-01 (MW6-507)		**Water**			**Sampled: 05/11/07 16:05**					
Hexachlorocyclopentadiene	EPA 8270C	ND	-----	9.52	ug/l	1x	7050770	05/16/07 14:40	05/21/07 20:37	
Hexachloroethane	"	ND	-----	9.52	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	"	ND	-----	4.76	"	"	"	"	"	
Isophorone	"	ND	-----	4.76	"	"	"	"	"	
2-Methylnaphthalene	"	ND	-----	4.76	"	"	"	"	"	
2-Methylphenol	"	ND	-----	9.52	"	"	"	"	"	
3-,4-Methylphenol	"	ND	-----	4.76	"	"	"	"	"	
Naphthalene	"	ND	-----	4.76	"	"	"	"	"	
2-Nitroaniline	"	ND	-----	4.76	"	"	"	"	"	
3-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
4-Nitroaniline	"	ND	-----	9.52	"	"	"	"	"	
Nitrobenzene	"	ND	-----	4.76	"	"	"	"	"	
2-Nitrophenol	"	ND	-----	4.76	"	"	"	"	"	
4-Nitrophenol	"	ND	-----	23.8	"	"	"	"	"	
N-Nitrosodi-n-propylamine	"	ND	-----	9.52	"	"	"	"	"	
N-Nitrosodiphenylamine	"	ND	-----	4.76	"	"	"	"	"	
Pentachlorophenol	"	ND	-----	9.52	"	"	"	"	"	
Phenanthrene	"	ND	-----	4.76	"	"	"	"	"	
Phenol	"	ND	-----	4.76	"	"	"	"	"	
Pyrene	"	ND	-----	4.76	"	"	"	"	"	
1,2,4-Trichlorobenzene	"	ND	-----	4.76	"	"	"	"	"	
2,4,5-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
2,4,6-Trichlorophenol	"	ND	-----	4.76	"	"	"	"	"	
Surrogate(s): *2-Fluorobiphenyl*		*90.3%*			*22 - 120 %*	"			"	
2-Fluorophenol		*105%*			*5 - 120 %*	"			"	
Nitrobenzene-d5		*116%*			*26 - 127 %*	"			"	
Phenol-d6		*92.3%*			*4 - 121 %*	"			"	
p-Terphenyl-d14		*91.0%*			*37 - 130 %*	"			"	
2,4,6-Tribromophenol		*106%*			*21 - 129 %*	"			"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Hydrocarbon Identification per NW-TPH Methodology - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7050774 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7050774-BLK1)									**Extracted: 05/16/07 10:20**					
Gasoline Range Hydrocarbons	NWTPH HCID	ND	---	0.125	mg/l	1x	--	--	--	--	--	--	05/16/07 14:18	
Diesel Range Hydrocarbons	"	ND	---	0.315	"	"	--	--	--	--	--	--	"	
Heavy Oil Range Hydrocarbons	"	ND	---	0.315	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 94.8%*			*Limits: 50-150%*	*"*							*05/16/07 14:18*	

Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7050774 **Water Preparation Method: EPA 3510 Fuels**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7050774-BLK1)								**Extracted: 05/16/07 10:20**						
Diesel Range Organics	NWTPH-Dx	ND	---	0.250	mg/l	1x	--	--	--	--	--	--	05/16/07 14:50	
Heavy Oil Range Hydrocarbons	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 79.0%*			*Limits: 50-150%*	"							*05/16/07 14:50*	
LCS (7050774-BS1)								**Extracted: 05/16/07 10:20**						
Diesel Range Organics	NWTPH-Dx	2.71	---	0.250	mg/l	1x	--	2.54	107%	(50-150)	--	--	05/16/07 15:09	
Heavy Oil Range Hydrocarbons	"	1.47	---	0.500	"	"	--	1.58	93.0%	"	--	--	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 81.7%*			*Limits: 50-150%*	"							*05/16/07 15:09*	
LCS Dup (7050774-BSD1)								**Extracted: 05/16/07 10:20**						
Diesel Range Organics	NWTPH-Dx	2.71	---	0.250	mg/l	1x	--	2.54	107%	(50-150)	0.00%	(50)	05/16/07 15:28	
Heavy Oil Range Hydrocarbons	"	1.44	---	0.500	"	"	--	1.58	91.1%	"	2.06%	"	"	
Surrogate(s): 1-Chlorooctadecane		*Recovery: 86.2%*			*Limits: 50-150%*	"							*05/16/07 15:28*	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7050722 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7050722-BLK1)								**Extracted: 05/15/07 09:22**						
Acetone	EPA 8260B	ND	---	25.0	ug/l	1x	--	--	--	--	--	--	05/15/07 17:41	
Benzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromodichloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromoform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Bromomethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Butanone (MEK)	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
n-Butylbenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
sec-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
tert-Butylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Carbon disulfide	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Carbon tetrachloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloroform	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Chloromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
4-Chlorotoluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromo-3-chloropropane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibromochloromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dibromoethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dibromomethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Dichlorodifluoromethane	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,2-Dichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
2,2-Dichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
cis-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
trans-1,3-Dichloropropene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	

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Sarah Rockwell

Sarah Rockwell, Project Manager

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7050722 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7050722-BLK1)							**Extracted: 05/15/07 09:22**							
Hexachlorobutadiene	EPA 8260B	ND	---	4.00	ug/l	1x	--	--	--	--	--	--	05/15/07 17:41	
2-Hexanone	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Isopropylbenzene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
p-Isopropyltoluene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
4-Methyl-2-pentanone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Methyl tert-butyl ether	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Methylene chloride	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	
n-Propylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Styrene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2,2-Tetrachloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Tetrachloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,1-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,1,2-Trichloroethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichloroethene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Trichlorofluoromethane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,3-Trichloropropane	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
1,3,5-Trimethylbenzene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Vinyl chloride	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
o-Xylene	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
m,p-Xylene	"	ND	---	2.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*4-BFB*	*Recovery:*	*97.5%*	*Limits:*	*80-120%*	*" 05/15/07 17:41*
	1,2-DCA-d4		*95.5%*		*80-120%*	*" "*
	Dibromofluoromethane		*100%*		*80-120%*	*" "*
	Toluene-d8		*98.0%*		*80-120%*	*" "*

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Sarah Rockwell, Project Manager

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Volatile Organic Compounds per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7050722 **Water Preparation Method: EPA 5030B**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7050722-BS1)							**Extracted: 05/15/07 09:22**							
Benzene	EPA 8260B	21.8	---	1.00	ug/l	1x	--	20.0	109%	(80-120)	--	--	05/15/07 15:54	
Chlorobenzene	"	21.5	---	1.00	"	"	--	"	108%	(80-124)	--	--	"	
1,1-Dichloroethene	"	20.0	---	1.00	"	"	--	"	100%	(78-120)	--	--	"	
Toluene	"	21.7	---	1.00	"	"	--	"	108%	(80-124)	--	--	"	
Trichloroethene	"	23.6	---	1.00	"	"	--	"	118%	(80-132)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 110%*			*Limits: 80-120%*	"							*05/15/07 15:54*	
1,2-DCA-d4		*102%*			*80-120%*	"							"	
Dibromofluoromethane		*109%*			*80-120%*	"							"	
Toluene-d8		*106%*			*80-120%*	"							"	
Matrix Spike (7050722-MS1)					**QC Source: PQE0537-01**		**Extracted: 05/15/07 09:22**							
Benzene	EPA 8260B	19.5	---	1.00	ug/l	1x	ND	20.0	97.5%	(80-124)	--	--	05/15/07 16:21	
Chlorobenzene	"	19.4	---	1.00	"	"	ND	"	97.0%	(72.9-134)	--	--	"	
1,1-Dichloroethene	"	19.2	---	1.00	"	"	ND	"	96.0%	(79.3-127)	--	--	"	
Toluene	"	19.4	---	1.00	"	"	ND	"	97.0%	(79.7-131)	--	--	"	
Trichloroethene	"	19.1	---	1.00	"	"	ND	"	95.5%	(68.4-130)	--	--	"	
Surrogate(s): 4-BFB		*Recovery: 104%*			*Limits: 80-120%*	"							*05/15/07 16:21*	
1,2-DCA-d4		*96.5%*			*80-120%*	"							"	
Dibromofluoromethane		*102%*			*80-120%*	"							"	
Toluene-d8		*100%*			*80-120%*	"							"	
Matrix Spike Dup (7050722-MSD1)					**QC Source: PQE0537-01**		**Extracted: 05/15/07 09:22**							
Benzene	EPA 8260B	20.7	---	1.00	ug/l	1x	ND	20.0	104%	(80-124)	5.97%	(25)	05/15/07 16:48	
Chlorobenzene	"	20.6	---	1.00	"	"	ND	"	103%	(72.9-134)	6.00%	"	"	
1,1-Dichloroethene	"	20.1	---	1.00	"	"	ND	"	100%	(79.3-127)	4.58%	"	"	
Toluene	"	20.6	---	1.00	"	"	ND	"	103%	(79.7-131)	6.00%	"	"	
Trichloroethene	"	20.1	---	1.00	"	"	ND	"	100%	(68.4-130)	5.10%	"	"	
Surrogate(s): 4-BFB		*Recovery: 106%*			*Limits: 80-120%*	"							*05/15/07 16:48*	
1,2-DCA-d4		*99.5%*			*80-120%*	"							"	
Dibromofluoromethane		*104%*			*80-120%*	"							"	
Toluene-d8		*104%*			*80-120%*	"							"	

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Sarah Rockwell, Project Manager

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BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7050770 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7050770-BLK1)								**Extracted: 05/16/07 14:40**						
Carbazole	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	05/22/07 17:33	
Acenaphthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Acenaphthylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (a) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (b) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (ghi) perylene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzo (k) fluoranthene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Benzoic Acid	"	ND	---	50.0	"	"	--	--	--	--	--	--	"	
Benzyl alcohol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Bromophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Butyl benzyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloro-3-methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chloroaniline	"	ND	---	20.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethoxy)methane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Bis(2-chloroethyl)ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-chloroisopropyl)ether	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2-Chloronaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Chlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Chlorophenyl phenyl ether	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Chrysene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-butyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Di-n-octyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzo (a,h) anthracene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Dibenzofuran	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,3-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,4-Dichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3,3´-Dichlorobenzidine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Diethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4-Dimethylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Dimethyl phthalate	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4,6-Dinitro-2-methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
2,4-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,6-Dinitrotoluene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Bis(2-ethylhexyl)phthalate	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7050770 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7050770-BLK1)							**Extracted: 05/16/07 14:40**							
Fluoranthene	EPA 8270C	ND	---	5.00	ug/l	1x	--	--	--	--	--	--	05/22/07 17:33	
Fluorene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Hexachlorobutadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachlorocyclopentadiene	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Hexachloroethane	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Indeno (1,2,3-cd) pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Isophorone	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylnaphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Methylphenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
3-,4-Methylphenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Naphthalene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitroaniline	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
3-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
4-Nitroaniline	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Nitrobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2-Nitrophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
4-Nitrophenol	"	ND	---	25.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodi-n-propylamine	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
N-Nitrosodiphenylamine	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pentachlorophenol	"	ND	---	10.0	"	"	--	--	--	--	--	--	"	
Phenanthrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Phenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
Pyrene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
1,2,4-Trichlorobenzene	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,5-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	
2,4,6-Trichlorophenol	"	ND	---	5.00	"	"	--	--	--	--	--	--	"	

Surrogate(s):	*2-Fluorobiphenyl*	*Recovery: 82.0%*	*Limits: 22-120%*	"	*05/22/07 17:33*
	2-Fluorophenol	*94.0%*	*5-120%*	"	"
	Nitrobenzene-d5	*114%*	*26-127%*	"	"
	Phenol-d6	*90.7%*	*4-121%*	"	"
	p-Terphenyl-d14	*102%*	*37-130%*	"	"
	2,4,6-Tribromophenol	*104%*	*21-129%*	"	"

Sarah Rockwell

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SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Semivolatile Organic Compounds per EPA Method 8270C - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7050770 **Water Preparation Method: 3520B Liq-Liq**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (7050770-BS1)							**Extracted: 05/16/07 14:40**							
Acenaphthene	EPA 8270C	47.4	---	5.00	ug/l	1x	--	50.0	94.8%	(56-120)	--	--	05/22/07 18:17	
4-Chloro-3-methylphenol	"	46.5	---	5.00	"	"	--	"	93.0%	(37-131)	--	--	"	
2-Chlorophenol	"	30.9	---	5.00	"	"	--	"	61.8%	(31-130)	--	--	"	
1,4-Dichlorobenzene	"	8.20	---	5.00	"	"	--	"	16.4%	(8-124)	--	--	"	
2,4-Dinitrotoluene	"	42.0	---	5.00	"	"	--	"	84.0%	(50-127)	--	--	"	
4-Nitrophenol	"	54.2	---	25.0	"	"	--	"	108%	(1-157)	--	--	"	
N-Nitrosodi-n-propylamine	"	49.3	---	10.0	"	"	--	"	98.6%	(44-129)	--	--	"	
Pentachlorophenol	"	45.4	---	10.0	"	"	--	"	90.8%	(23-149)	--	--	"	
Phenol	"	42.4	---	5.00	"	"	--	"	84.8%	(1-145)	--	--	"	
Pyrene	"	48.9	---	5.00	"	"	--	"	97.8%	(56-125)	--	--	"	
1,2,4-Trichlorobenzene	"	21.2	---	5.00	"	"	--	"	42.4%	(33-116)	--	--	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 84.0%*			*Limits: 22-120%*	"							*05/22/07 18:17*	
2-Fluorophenol		*48.8%*			*5-120%*	"							"	
Nitrobenzene-d5		*86.4%*			*26-127%*	"							"	
Phenol-d6		*71.3%*			*4-121%*	"							"	
p-Terphenyl-d14		*98.0%*			*37-130%*	"							"	
2,4,6-Tribromophenol		*104%*			*21-129%*	"							"	
LCS Dup (7050770-BSD1)							**Extracted: 05/16/07 14:40**							
Acenaphthene	EPA 8270C	49.3	---	5.00	ug/l	1x	--	50.0	98.6%	(56-120)	3.93%	(50)	05/22/07 19:02	
4-Chloro-3-methylphenol	"	47.7	---	5.00	"	"	--	"	95.4%	(37-131)	2.55%	"	"	
2-Chlorophenol	"	47.2	---	5.00	"	"	--	"	94.4%	(31-130)	41.7%	"	"	
1,4-Dichlorobenzene	"	27.3	---	5.00	"	"	--	"	54.6%	(8-124)	108%	"	"	R7
2,4-Dinitrotoluene	"	42.7	---	5.00	"	"	--	"	85.4%	(50-127)	1.65%	"	"	
4-Nitrophenol	"	53.6	---	25.0	"	"	--	"	107%	(1-157)	1.11%	"	"	
N-Nitrosodi-n-propylamine	"	52.8	---	10.0	"	"	--	"	106%	(44-129)	6.86%	"	"	
Pentachlorophenol	"	48.0	---	10.0	"	"	--	"	96.0%	(23-149)	5.57%	"	"	
Phenol	"	49.9	---	5.00	"	"	--	"	99.8%	(1-145)	16.3%	"	"	
Pyrene	"	50.1	---	5.00	"	"	--	"	100%	(56-125)	2.42%	"	"	
1,2,4-Trichlorobenzene	"	30.2	---	5.00	"	"	--	"	60.4%	(33-116)	35.0%	"	"	
Surrogate(s): 2-Fluorobiphenyl		*Recovery: 88.0%*			*Limits: 22-120%*	"							*05/22/07 19:02*	
2-Fluorophenol		*98.0%*			*5-120%*	"							"	
Nitrobenzene-d5		*111%*			*26-127%*	"							"	
Phenol-d6		*87.3%*			*4-121%*	"							"	
p-Terphenyl-d14		*101%*			*37-130%*	"							"	
2,4,6-Tribromophenol		*104%*			*21-129%*	"							"	

Sarah Rockwell

Sarah Rockwell, Project Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

SLR-Portland	Project Name:	**Jeld Wen- Nord Door**	
1800 Blankenship Road Suite 440	Project Number:	Everett-WA	Report Created:
West Linn, OR 97068	Project Manager:	Steve Locke	05/29/07 11:14

Notes and Definitions

Report Specific Notes:

R7 - LCS/LCSD RPD exceeded the acceptance limit. Recovery met acceptance criteria.

Laboratory Reporting Conventions:

DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR/NA - Not Reported / Not Available

dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.

wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.

RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Sarah Rockwell

Sarah Rockwell, Project Manager

SLR SEDIMENT ASSESSMENT (2009)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

June 23, 2009

Jarred Willis
Environmental Science Corp.
12065 Lebanon Road
Mt. Juliet, TN 37122

RE: Project: JELD-WEN Nord Door
ARI Job No: PB35

Dear Mr. Willis:

Please find enclosed the Chain-of-Custody (COC) records, sample receipt documentation, and the final data package for samples from the project referenced above.

Sample receipt and details of the analyses are discussed in the Case Narrative.

An electronic copy of this data and associated raw data will be kept on file with ARI. Should you have any questions or problems, please feel free to contact me at any time.

Sincerely,

ANALYTICAL RESOURCES, INC.

Cheronne Oreiro
Project Manager
(206) 695-6214
cheronneo@arilabs.com

Enclosures

cc: Efile PB35

Chain of Custody
Documentation

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: PB35	Turn-around Requested:	Page: 1 of 2	
ARI Client Company: ESC / SLR International	Phone:	Date: 06/03/2009	Ice Present?
Client Contact: Dennis Wells 503-713-7612	Scott Miller - SLR 503-723-4423	No. of Coolers:	Cooler Temps:
Client Project Name: JELD-WEN Nord Door			
Client Project #:	Samplers: Chris Kramer / Scott Miller		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	BNA SVOC/SIM (SAPA)	Metals (SAPA)	Sulfide	Grain Size	TOC / TS / NH_3 / TVS	PCB			Notes/Comments
3SED1-A	06/03/09	7:55	Sediment	5	X	X		X	X	X			
3SED1-A		11:43		1			X						Preserved
3SED1-B		7:51		5	X	X		X	X	X			
3SED1-B		11:46		1			X						Preserved
3SED1-C		7:48		5	X	X		X	X	X			
3SED1-C		11:49		1			X						Preserved
3SED2-A		10:50		5	X	X		X	X	X			
3SED2-A		11:02		1			X						Preserved
3SED2-B		11:10		6	X	X	X	X	X	X			
3SED2-C		11:18		6	X	X	X	X	X	X			

Extra 1 of 12

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
3 coolers	Printed Name: Chris Kramer	Printed Name: C. ORSIDO	Printed Name:	Printed Name:
	Company: SLR	Company: ARI	Company:	Company:
	Date & Time: 6/3/09 1510	Date & Time: 6/3/09 1735	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number:	Turn-around Requested:	Page: 2 of 2	
ARI Client Company:	Phone:	Date: 06/03/2009	Ice Present?
Client Contact:		No. of Coolers:	Cooler Temps:
Client Project Name:			
Client Project #:	Samplers:		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: BNA sivocs/sims (SAPA)	Metals (SAPA)	Grain Size	TOC/TS/NH3/TVS	PCBs	SULFIDE			Notes/Comments
3SED11-A	06/03/09	9:12	Sediment	7	X	X	X	X	X				
3SED11-A		12:04		1						X			Preserve
3SED12-B		9:35		7	X	X	X	X	X				
3SED11-B		12:08		1						X			Preserve
3SED12-A		9:53		7	X	X	X	X	X				
3SED12-A		12:15		1						X			Preserve
3SED12-B		10:00		5	X	X	X	X	X				
3SED12-B		12:15		1						X			Preserve

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
3 coolers	Printed Name:	Printed Name: C. OREIRO	Printed Name:	Printed Name:
	Company:	Company: ARI	Company:	Company:
	Date & Time:	Date & Time: 6/3/09 1725	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: EGC / SLR International | Project Name: JELD-WEN Nord Door

COC No(s): ____ (NA) | Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: ____

Assigned ARI Job No: PB35 | Tracking No: ____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)..... 5.8 | 3.4 | 10.6 | ___ | ___ | ___

If cooler temperature is out of compliance fill out form 00070F | Temp Gun ID#: ____

Cooler Accepted by: AO Date: 6/3/09 Time: 1018816

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... (Bubble Wrap) (Wet Ice) Gel Packs Baggies Foam Block Paper Other: ____			
Was sufficient ice used (if appropriate)?	NA	(YES)	(NO)
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		YES	(NO)
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO

Samples Logged by: AV Date: 6/4/09 Time: 1446

*** Notify Project Manager of discrepancies or concerns ****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

Bsed 11-A only has 6 jars not 7

By: Date:

Small Air Bubbles < 2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	• • •	● ● ●

Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

Cooler#: 1 Temperature(°C): 10.6

Sample ID	Bottle Count	Bottle Type
3Sed2-A	6	2 1602, 1 802, 2 402, 1 202
3Sed2-B	6	" " " "
3Sed2-C	6	2 1602, 2 802, 1 402, 1 202

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: AV Date: 6/9/09 Time: 1447

Case Narrative

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Case Narrative

Client: Environmental Science Corp.
Project: JELD-WEN Nord Door
Matrix: Sediment
ARI Job No.: PB35

Sample receipt

Eighteen sediment samples were received June 3, 2009, under ARI Job PB35. The cooler temperatures measured by IR thermometer following ARI SOP were 3.4, 5.8, and 10.6° C. For further details regarding sample receipt, please refer to the Cooler Receipt Form.

Semivolatiles by SW8270

The samples were initially screened to determine if there was a response that would require modification of the extraction process. Based on the screen, extraction weights were reduced for samples **3SED1-C** and **3SED2-C**. The samples and associated laboratory QC were extracted and analyzed within method recommended holding times.

Please note that several samples were analyzed at dilutions due the color and/or the viscosity of the sample matrices after extraction.

The internal standard areas of Perylene-d12 were outside the control limit high for samples **3SED1-C**, **3SED2-A**, and **3SED2-C**. The samples were re-analyzed at dilutions and all internal standard areas were within control limits. Both sets of data have been included in this package for review. No further corrective action was required.

The surrogate percent recoveries of 2-Fluorobiphenyl and d5-Phenol were outside the control limits for sample **3SED1-B**. All other surrogate percent recoveries were within control limits. No corrective action was required.

Diethylphthalate was present in **MB-060809** at a level that was greater than the reporting limit. All samples were undetected for this compound. No corrective action was required.

The LCS percent recoveries were within control limits.

The matrix spike and matrix spike duplicate percent recoveries were within advisory control limits.

SIM Semivolatiles by SW8270

The samples and associated laboratory QC were extracted and analyzed within method recommended holding times.

Please note that several samples were analyzed at dilutions due to the color and/or the viscosity of the sample matrices after extraction.

Initial and continuing calibrations were within method requirements.

The internal standard area of Phenanthrene-d10 fell outside the control limit for sample **3SED2-C**. The sample was re-analyzed several times and the internal standards were comparable to the original analysis. Only data analyzed on 6/15/09 have been reported for this sample. No further corrective action was required.

The surrogate percent recoveries were within control limits.

The method blank was clean at the reporting limits. The LCS percent recoveries were within control limits.

The matrix spike and matrix spike percent recoveries were within advisory control limits.

The undetected results for several analytes were raised and "Y"-flagged due to interference from the matrix.

Aroclor PCBs by 8082

The samples were initially screened to determine if there was a response that would require modification of the extraction process. Based on the screen, extraction weights were reduced for samples **3SED11-A**, **3SED11-B**, and **3SED12-A**. The samples and associated laboratory QC were extracted and analyzed within method recommended holding times.

Initial and continuing calibrations were within method requirements. Internal standard areas were within limits.

The surrogate percent recoveries were within control limits.

The method blank was clean at the reporting limit. The LCS percent recoveries were within control limits.

The matrix spike and matrix spike percent recoveries were within advisory control limits.

Total Metals

The samples and associated QC were digested and analyzed within method recommended holding times.

The method blank was clean at the reporting limits. The LCS percent recoveries were within control limits.

The matrix spike percent recoveries and duplicate RPDs were within control limits.

Conventional Parameters

The samples and associated laboratory QC were prepared and analyzed within method recommended holding times.

The method blanks were clean at the reporting limits. The LCS percent recoveries were within control limits.

The SRM percent recoveries were within control limits.

The matrix spike percent recoveries and replicate RPDs were within control limits.

Geotechnical Parameters

A laboratory-specific narrative follows.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Client: Environmental Science Corp. **ARI Project No.:** PB35

Client Project: JELD-WEN NORD DOOR

Case Narrative

1. Ten samples were submitted for grain size analysis according to Puget Sound Estuary Protocol (PSEP) methodology on June 3, 2009.
2. The samples were run in a single batch and one sample from this job, 3SED12-A, was chosen for triplicate analysis. The triplicate data is reported on the QA summary.
3. Samples 3SED2-C and 3SED11-B contained woody or other organic matter, which may have broken down during the sieving process, affecting grain size analysis.
4. Sample 3SED1-B contained some shells.
5. The data is provided in summary tables and plots.
6. There were no other noted anomalies in this project.

Approved by: _____ Date: 6/22/09
Lead Technician

4611 South 134th Place, Suite 100 • Tukwila WA 98168 • **206-695-6200** • **206-695-6201** fax

Data Reporting Qualifiers

Effective 12/28/04

Inorganic Data

U Indicates that the target analyte was not detected at the reported concentration

* Duplicate RPD is not within established control limits

B Reported value is less than the CRDL but ≥ the Reporting Limit

N Matrix Spike recovery not within established control limits

NA Not Applicable, analyte not spiked

H The natural concentration of the spiked element is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible

L Analyte concentration is ≤5 times the Reporting Limit and the replicate control limit defaults to ±1 RL instead of the normal 20% RPD

Organic Data

U Indicates that the target analyte was not detected at the reported concentration

* Flagged value is not within established control limits

B Analyte detected in an associated Method Blank at a concentration greater than one-half of ARI's Reporting Limit or 5% of the regulatory limit or 5% of the analyte concentration in the sample.

J Estimated concentration when the value is less than ARI's established reporting limits

D The spiked compound was not detected due to sample extract dilution

NR Spiked compound recovery is not reported due to chromatographic interference

E Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

S Indicates an analyte response that has saturated the detector. The calculated concentration is not valid; a dilution is required to obtain valid quantification of the analyte

NA The flagged analyte was not analyzed for

NS The flagged analyte was not spiked into the sample

M Estimated value for an analyte detected and confirmed by an analyst but with low spectral match parameters. This flag is used only for GC-MS analyses

M2 The sample contains PCB congeners that do not match any standard Aroclor pattern. The PCBs are identified and quantified as the Aroclor whose pattern most closely matches that of the sample. The reported value is an estimate.

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification"

Y The analyte is not detected at or above the reported concentration. The reporting limit is raised due to chromatographic interference. The Y flag is equivalent to the U flag with a raised reporting limit.

C The analyte was positively identified on only one of two chromatographic columns. Chromatographic interference prevented a positive identification on the second column

P The analyte was detected on both chromatographic columns but the quantified values differ by ≥40% RPD with no obvious chromatographic interference

Geotechnical Data

A The total of all fines fractions. This flag is used to report total fines when only sieve analysis is requested and balances total grain size with sample weight.

F Samples were frozen prior to particle size determination

SM Sample matrix was not appropriate for the requested analysis. This normally refers to samples contaminated with an organic product that interferes with the sieving process and/or moisture content, porosity and saturation calculations

SS Sample did not contain the proportion of "fines" required to perform the pipette portion of the grain size analysis

W Weight of sample in some pipette aliquots was below the level required for accurate weighting

LCS SOLUTIONS

05/15/09

LABEL	SOLN ID	TEST	CONC. UG/ML	SOLVENT	EXP.
1	1549-3	PCB	20	ACETONE	10/10/09
2#	1472-3	BCOC PEST	10	ACETONE	NA
3	1579-3	PEST	02/04/20	ACETONE	09/23/09
4	1594-2	LOW PEST	0.2/0.4/2	ACETONE	09/23/09
5	1580-2	EPH	1500	MECL2	01/29/10
6	1559-2	PCP	12.5/125	ACETONE	11/05/09
7	1597-2	ABN	100	ACETONE	02/01/10
8	1566-1	TBT	2.5	MECL2	12/04/09
9	1567-3	PORE TBT	.125/.25	MECL2	12/04/09
10	1596-2	ABN ACID	100/200	MEOH	10/21/09
11	1591-1	TPHD	15000	ACETONE	03/26/10
12	1597-3	ABN BASE	200	ACETONE	02/05/10
13	1573-2	LOW PCB	2	ACETONE	10/10/09
14*	1547-1	LOW ABN ACID	10/20	MEOH	04/10/10
15	1591-3	SIM PNA	15/75	MEOH	08/28/09
16*	1502-2	DIOXANE	100	MEOH	02/26/10
17#	1516-2	1248 PCB	20	ACETONE	NA
18	1591-4	LOW SIM PNA	1.5	ACETONE	08/28/09
19	1574-4	AK103	7500	MECL2	12/02/09
20	1572-2	PNA	100	ACETONE	12/26/09
21	1593-3	SKY/BHT	100	MEOH	03/31/10
22	1599-1	HERB	12.5/12500	MEOH	08/18/09
23*	1505-1	LW ABN BASE	20	MEOH	03/20/10
24	1573-4	LOW ABN	10	ACETONE	08/01/09
25#	1481-1	DIPHENYL	100	MEOH	NA
26*	1545-2	OP-PEST	25	MEOH	02/16/10
27#	1495-1	STEROLS	200	MEOH	NA
28	1595-1	ADD. PEST	4	ACETONE	09/15/09
29#	1496-3	DECANES	100	MEOH	NA
30#	1497-2	EDB/DBCP	2	ACETONE	NA
31	1596-1	TERPINEOL	100	MEOH	04/03/10

LCS SOLUTIONS

05/15/09

32	1598-1	GUAIACOL	50-200	ACETONE	04/30/10
33	1522-1	RESIN ACID	250	ACETONE	06/11/09
34	1530-2	CONGENERS	1	ACETONE	07/23/09
35	1601-2	ALKYL PNA A	10	MEOH	04/03/10
36	1601-3	ALKYL PNA B	10	MEOH	05/13/10
50	1571-1	FULL RESIN	250	ACETONE	06/10/09
	*=REVERIFIED SOLUTION				
	#=PROJECT SPECIFIC SOLUTION				

SURR SOLUTIONS

05/15/09

LABEL	SOLN ID	TEST	CONC. UG/ML	SOLVENT	EXP.
A	1584-5	ABN	100/150	MEOH	02/18/10
B	1572-1	SIM PNA	15/75	MEOH	08/28/09
C*	1559-1	SIM ABN	25/37.5	MEOH	03/13/10
D	1573-3	LOW PCB	0.2	ACETONE	07/31/09
E*	1478-1	HERB	62.5	MEOH	09/21/09
F	1574-3	PCP	12.5	ACETONE	01/06/10
G*	1534-1	1,4DIOXANE	100	MEOH	02/26/10
H	1594-1	OP-PEST	25	MEOH	04/01/10
I	1559-4	LOW S. PNA	1.5	MEOH	08/28/09
J	1566-5	TBT-PORE	0.125	MECL2	12/04/09
K	1538-1	MED PCB	20	ACETONE	07/31/09
L	1584-4	TBT	2.5	MECL2	12/04/09
M	1578-1	EPH	1500	MECL2	12/09/09
N	1538-2	PCB	2	ACETONE	07/31/09
O	1567-4	TPH	450	MECL2	09/24/09
P	1598-2	HCID	2250	MECL2	01/07/10
Q#	1497-3	EDB	2	ACETONE	NA
R	1521-4	RESIN ACID	250	ACETONE	06/11/09
S	1568-5	PBDE	.25	MEOH	12/11/09
T	1601-1	ALKYL PNA	10	MEOH	11/26/09
U	*=REVERIFIED SOLUTION				
V	#=PROJECT SPECIFIC SOLUTION				
W					
X					
Y					
Z					

Data Summary Package

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

SEMIVOLATILE ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED1-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 16:17
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 37.1%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	59	< 59 U
541-73-1	1,3-Dichlorobenzene	59	< 59 U
106-46-7	1,4-Dichlorobenzene	59	< 59 U
100-51-6	Benzyl Alcohol	59	< 59 U
95-50-1	1,2-Dichlorobenzene	59	< 59 U
95-48-7	2-Methylphenol	59	< 59 U
106-44-5	4-Methylphenol	59	< 59 U
67-72-1	Hexachloroethane	59	< 59 U
105-67-9	2,4-Dimethylphenol	59	< 59 U
65-85-0	Benzoic Acid	590	< 590 U
120-82-1	1,2,4-Trichlorobenzene	59	< 59 U
91-20-3	Naphthalene	59	< 59 U
87-68-3	Hexachlorobutadiene	59	< 59 U
91-57-6	2-Methylnaphthalene	59	< 59 U
131-11-3	Dimethylphthalate	59	< 59 U
208-96-8	Acenaphthylene	59	< 59 U
83-32-9	Acenaphthene	59	< 59 U
132-64-9	Dibenzofuran	59	< 59 U
84-66-2	Diethylphthalate	59	< 59 U
86-73-7	Fluorene	59	< 59 U
86-30-6	N-Nitrosodiphenylamine	59	< 59 U
118-74-1	Hexachlorobenzene	59	< 59 U
87-86-5	Pentachlorophenol	300	< 300 U
85-01-8	Phenanthrene	59	< 59 U
120-12-7	Anthracene	59	< 59 U
84-74-2	Di-n-Butylphthalate	59	< 59 U
206-44-0	Fluoranthene	59	< 59 U
129-00-0	Pyrene	59	< 59 U
85-68-7	Butylbenzylphthalate	59	< 59 U
56-55-3	Benzo(a)anthracene	59	< 59 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**59**	**56 J**
218-01-9	**Chrysene**	**59**	**36 J**
117-84-0	Di-n-Octyl phthalate	59	< 59 U
205-99-2	Benzo(b)fluoranthene	59	< 59 U
207-08-9	Benzo(k)fluoranthene	59	< 59 U
50-32-8	Benzo(a)pyrene	59	< 59 U
193-39-5	Indeno(1,2,3-cd)pyrene	59	< 59 U
53-70-3	Dibenz(a,h)anthracene	59	< 59 U
191-24-2	Benzo(g,h,i)perylene	59	< 59 U
90-12-0	1-Methylnaphthalene	59	< 59 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	63.6%	2-Fluorobiphenyl	71.5%
d14-p-Terphenyl	56.0%	d4-1,2-Dichlorobenzene	53.9%
d5-Phenol	68.2%	2-Fluorophenol	64.4%
2,4,6-Tribromophenol	67.6%	d4-2-Chlorophenol	67.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED1-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 16:49
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 43.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	59	< 59 U
541-73-1	1,3-Dichlorobenzene	59	< 59 U
106-46-7	1,4-Dichlorobenzene	59	< 59 U
100-51-6	Benzyl Alcohol	59	< 59 U
95-50-1	1,2-Dichlorobenzene	59	< 59 U
95-48-7	2-Methylphenol	59	< 59 U
106-44-5	4-Methylphenol	59	< 59 U
67-72-1	Hexachloroethane	59	< 59 U
105-67-9	2,4-Dimethylphenol	59	< 59 U
65-85-0	Benzoic Acid	590	< 590 U
120-82-1	1,2,4-Trichlorobenzene	59	< 59 U
91-20-3	Naphthalene	59	< 59 U
87-68-3	Hexachlorobutadiene	59	< 59 U
91-57-6	2-Methylnaphthalene	59	< 59 U
131-11-3	Dimethylphthalate	59	< 59 U
208-96-8	Acenaphthylene	59	< 59 U
83-32-9	Acenaphthene	59	< 59 U
132-64-9	Dibenzofuran	59	< 59 U
84-66-2	Diethylphthalate	59	< 59 U
86-73-7	Fluorene	59	< 59 U
86-30-6	N-Nitrosodiphenylamine	59	< 59 U
118-74-1	Hexachlorobenzene	59	< 59 U
87-86-5	Pentachlorophenol	290	< 290 U
85-01-8	**Phenanthrene**	**59**	**33 J**
120-12-7	Anthracene	59	< 59 U
84-74-2	Di-n-Butylphthalate	59	< 59 U
206-44-0	**Fluoranthene**	**59**	**74**
129-00-0	**Pyrene**	**59**	**53 J**
85-68-7	Butylbenzylphthalate	59	< 59 U
56-55-3	**Benzo(a)anthracene**	**59**	**31 J**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**59**	**89**
218-01-9	**Chrysene**	**59**	**54 J**
117-84-0	Di-n-Octyl phthalate	59	< 59 U
205-99-2	**Benzo(b)fluoranthene**	**59**	**28 J**
207-08-9	**Benzo(k)fluoranthene**	**59**	**28 J**
50-32-8	**Benzo(a)pyrene**	**59**	**31 J**
193-39-5	Indeno(1,2,3-cd)pyrene	59	< 59 U
53-70-3	Dibenz(a,h)anthracene	59	< 59 U
191-24-2	**Benzo(g,h,i)perylene**	**59**	**31 J**
90-12-0	1-Methylnaphthalene	59	< 59 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	79.4%	2-Fluorobiphenyl	92.9%
d14-p-Terphenyl	71.4%	d4-1,2-Dichlorobenzene	71.6%
d5-Phenol	88.0%	2-Fluorophenol	84.0%
2,4,6-Tribromophenol	88.0%	d4-2-Chlorophenol	84.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED1-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35E
LIMS ID: 09-12721
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 17:22
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 22.6 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 46.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	66	< 66 U
541-73-1	1,3-Dichlorobenzene	66	< 66 U
106-46-7	1,4-Dichlorobenzene	66	< 66 U
100-51-6	Benzyl Alcohol	66	< 66 U
95-50-1	1,2-Dichlorobenzene	66	< 66 U
95-48-7	2-Methylphenol	66	< 66 U
106-44-5	4-Methylphenol	66	< 66 U
67-72-1	Hexachloroethane	66	< 66 U
105-67-9	2,4-Dimethylphenol	66	< 66 U
65-85-0	Benzoic Acid	660	< 660 U
120-82-1	1,2,4-Trichlorobenzene	66	< 66 U
91-20-3	Naphthalene	66	< 66 U
87-68-3	Hexachlorobutadiene	66	< 66 U
91-57-6	2-Methylnaphthalene	66	< 66 U
131-11-3	Dimethylphthalate	66	< 66 U
208-96-8	Acenaphthylene	66	< 66 U
83-32-9	Acenaphthene	66	< 66 U
132-64-9	Dibenzofuran	66	< 66 U
84-66-2	Diethylphthalate	66	< 66 U
86-73-7	Fluorene	66	< 66 U
86-30-6	N-Nitrosodiphenylamine	66	< 66 U
118-74-1	Hexachlorobenzene	66	< 66 U
87-86-5	Pentachlorophenol	330	< 330 U
85-01-8	Phenanthrene	66	< 66 U
120-12-7	Anthracene	66	< 66 U
84-74-2	Di-n-Butylphthalate	66	< 66 U
206-44-0	**Fluoranthene**	**66**	**72**
129-00-0	**Pyrene**	**66**	**52 J**
85-68-7	**Butylbenzylphthalate**	**66**	**86**
56-55-3	**Benzo(a)anthracene**	**66**	**40 J**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**66**	**92**
218-01-9	**Chrysene**	**66**	**77**
117-84-0	Di-n-Octyl phthalate	66	< 66 U
205-99-2	**Benzo(b)fluoranthene**	**66**	**43 J**
207-08-9	**Benzo(k)fluoranthene**	**66**	**43 J**
50-32-8	**Benzo(a)pyrene**	**66**	**54 J**
193-39-5	Indeno(1,2,3-cd)pyrene	66	< 66 U
53-70-3	Dibenz(a,h)anthracene	66	< 66 U
191-24-2	**Benzo(g,h,i)perylene**	**66**	**36 J**
90-12-0	1-Methylnaphthalene	66	< 66 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	63.2%	2-Fluorobiphenyl	72.1%
d14-p-Terphenyl	53.3%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	66.6%	2-Fluorophenol	63.7%
2,4,6-Tribromophenol	66.9%	d4-2-Chlorophenol	66.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED1-C**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB35E
LIMS ID: 09-12721
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 19:34
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 22.6 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 10.0
Percent Moisture: 46.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	220	< 220 U
541-73-1	1,3-Dichlorobenzene	220	< 220 U
106-46-7	1,4-Dichlorobenzene	220	< 220 U
100-51-6	Benzyl Alcohol	220	< 220 U
95-50-1	1,2-Dichlorobenzene	220	< 220 U
95-48-7	2-Methylphenol	220	< 220 U
106-44-5	4-Methylphenol	220	< 220 U
67-72-1	Hexachloroethane	220	< 220 U
105-67-9	2,4-Dimethylphenol	220	< 220 U
65-85-0	Benzoic Acid	2,200	< 2,200 U
120-82-1	1,2,4-Trichlorobenzene	220	< 220 U
91-20-3	Naphthalene	220	< 220 U
87-68-3	Hexachlorobutadiene	220	< 220 U
91-57-6	2-Methylnaphthalene	220	< 220 U
131-11-3	Dimethylphthalate	220	< 220 U
208-96-8	Acenaphthylene	220	< 220 U
83-32-9	Acenaphthene	220	< 220 U
132-64-9	Dibenzofuran	220	< 220 U
84-66-2	Diethylphthalate	220	< 220 U
86-73-7	Fluorene	220	< 220 U
86-30-6	N-Nitrosodiphenylamine	220	< 220 U
118-74-1	Hexachlorobenzene	220	< 220 U
87-86-5	Pentachlorophenol	1,100	< 1,100 U
85-01-8	Phenanthrene	220	< 220 U
120-12-7	Anthracene	220	< 220 U
84-74-2	Di-n-Butylphthalate	220	< 220 U
206-44-0	Fluoranthene	220	< 220 U
129-00-0	Pyrene	220	< 220 U
85-68-7	Butylbenzylphthalate	220	< 220 U
56-55-3	Benzo(a)anthracene	220	< 220 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**220**	**130 J**
218-01-9	Chrysene	220	< 220 U
117-84-0	Di-n-Octyl phthalate	220	< 220 U
205-99-2	Benzo(b)fluoranthene	220	< 220 U
207-08-9	Benzo(k)fluoranthene	220	< 220 U
50-32-8	Benzo(a)pyrene	220	< 220 U
193-39-5	Indeno(1,2,3-cd)pyrene	220	< 220 U
53-70-3	Dibenz(a,h)anthracene	220	< 220 U
191-24-2	Benzo(g,h,i)perylene	220	< 220 U
90-12-0	1-Methylnaphthalene	220	< 220 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	66.0%	2-Fluorobiphenyl	64.8%
d14-p-Terphenyl	72.8%	d4-1,2-Dichlorobenzene	53.6%
d5-Phenol	55.2%	2-Fluorophenol	63.2%
2,4,6-Tribromophenol	58.7%	d4-2-Chlorophenol	60.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED2-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35G
LIMS ID: 09-12723
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 17:55
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	58	< 58 U
541-73-1	1,3-Dichlorobenzene	58	< 58 U
106-46-7	1,4-Dichlorobenzene	58	< 58 U
100-51-6	Benzyl Alcohol	58	< 58 U
95-50-1	1,2-Dichlorobenzene	58	< 58 U
95-48-7	2-Methylphenol	58	< 58 U
106-44-5	4-Methylphenol	58	< 58 U
67-72-1	Hexachloroethane	58	< 58 U
105-67-9	2,4-Dimethylphenol	58	< 58 U
65-85-0	Benzoic Acid	580	< 580 U
120-82-1	1,2,4-Trichlorobenzene	58	< 58 U
91-20-3	Naphthalene	58	< 58 U
87-68-3	Hexachlorobutadiene	58	< 58 U
91-57-6	2-Methylnaphthalene	58	< 58 U
131-11-3	Dimethylphthalate	58	< 58 U
208-96-8	Acenaphthylene	58	< 58 U
83-32-9	Acenaphthene	58	< 58 U
132-64-9	Dibenzofuran	58	< 58 U
84-66-2	Diethylphthalate	58	< 58 U
86-73-7	Fluorene	58	< 58 U
86-30-6	N-Nitrosodiphenylamine	58	< 58 U
118-74-1	Hexachlorobenzene	58	< 58 U
87-86-5	Pentachlorophenol	290	< 290 U
85-01-8	Phenanthrene	58	< 58 U
120-12-7	**Anthracene**	**58**	**53 J**
84-74-2	Di-n-Butylphthalate	58	< 58 U
206-44-0	**Fluoranthene**	**58**	**42 J**
129-00-0	**Pyrene**	**58**	**59**
85-68-7	Butylbenzylphthalate	58	< 58 U
56-55-3	Benzo(a)anthracene	58	< 58 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**58**	**130**
218-01-9	**Chrysene**	**58**	**41 J**
117-84-0	Di-n-Octyl phthalate	58	< 58 U
205-99-2	Benzo(b)fluoranthene	58	< 58 U
207-08-9	Benzo(k)fluoranthene	58	< 58 U
50-32-8	Benzo(a)pyrene	58	< 58 U
193-39-5	Indeno(1,2,3-cd)pyrene	58	< 58 U
53-70-3	Dibenz(a,h)anthracene	58	< 58 U
191-24-2	Benzo(g,h,i)perylene	58	< 58 U
90-12-0	1-Methylnaphthalene	58	< 58 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.6%	2-Fluorobiphenyl	69.8%
d14-p-Terphenyl	53.0%	d4-1,2-Dichlorobenzene	55.1%
d5-Phenol	64.0%	2-Fluorophenol	59.6%
2,4,6-Tribromophenol	68.6%	d4-2-Chlorophenol	61.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
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Sample ID: 3SED2-A
DILUTION

Lab Sample ID: PB35G
LIMS ID: 09-12723
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 20:08
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 10.0
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	190	< 190 U
541-73-1	1,3-Dichlorobenzene	190	< 190 U
106-46-7	1,4-Dichlorobenzene	190	< 190 U
100-51-6	Benzyl Alcohol	190	< 190 U
95-50-1	1,2-Dichlorobenzene	190	< 190 U
95-48-7	2-Methylphenol	190	< 190 U
106-44-5	4-Methylphenol	190	< 190 U
67-72-1	Hexachloroethane	190	< 190 U
105-67-9	2,4-Dimethylphenol	190	< 190 U
65-85-0	Benzoic Acid	1,900	< 1,900 U
120-82-1	1,2,4-Trichlorobenzene	190	< 190 U
91-20-3	Naphthalene	190	< 190 U
87-68-3	Hexachlorobutadiene	190	< 190 U
91-57-6	2-Methylnaphthalene	190	< 190 U
131-11-3	Dimethylphthalate	190	< 190 U
208-96-8	Acenaphthylene	190	< 190 U
83-32-9	Acenaphthene	190	< 190 U
132-64-9	Dibenzofuran	190	< 190 U
84-66-2	Diethylphthalate	190	< 190 U
86-73-7	Fluorene	190	< 190 U
86-30-6	N-Nitrosodiphenylamine	190	< 190 U
118-74-1	Hexachlorobenzene	190	< 190 U
87-86-5	Pentachlorophenol	970	< 970 U
85-01-8	Phenanthrene	190	< 190 U
120-12-7	Anthracene	190	< 190 U
84-74-2	Di-n-Butylphthalate	190	< 190 U
206-44-0	Fluoranthene	190	< 190 U
129-00-0	Pyrene	190	< 190 U
85-68-7	Butylbenzylphthalate	190	< 190 U
56-55-3	Benzo(a)anthracene	190	< 190 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**190**	**190**
218-01-9	Chrysene	190	< 190 U
117-84-0	Di-n-Octyl phthalate	190	< 190 U
205-99-2	Benzo(b)fluoranthene	190	< 190 U
207-08-9	Benzo(k)fluoranthene	190	< 190 U
50-32-8	Benzo(a)pyrene	190	< 190 U
193-39-5	Indeno(1,2,3-cd)pyrene	190	< 190 U
53-70-3	Dibenz(a,h)anthracene	190	< 190 U
191-24-2	Benzo(g,h,i)perylene	190	< 190 U
90-12-0	1-Methylnaphthalene	190	< 190 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	66.4%	2-Fluorobiphenyl	58.4%
d14-p-Terphenyl	79.2%	d4-1,2-Dichlorobenzene	55.2%
d5-Phenol	54.1%	2-Fluorophenol	60.0%
2,4,6-Tribromophenol	64.5%	d4-2-Chlorophenol	56.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED2-B
SAMPLE

Lab Sample ID: PB35I
LIMS ID: 09-12725
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 18:27
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 26.0 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 32.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	58	< 58 U
541-73-1	1,3-Dichlorobenzene	58	< 58 U
106-46-7	1,4-Dichlorobenzene	58	< 58 U
100-51-6	Benzyl Alcohol	58	< 58 U
95-50-1	1,2-Dichlorobenzene	58	< 58 U
95-48-7	2-Methylphenol	58	< 58 U
106-44-5	4-Methylphenol	58	< 58 U
67-72-1	Hexachloroethane	58	< 58 U
105-67-9	2,4-Dimethylphenol	58	< 58 U
65-85-0	Benzoic Acid	580	< 580 U
120-82-1	1,2,4-Trichlorobenzene	58	< 58 U
91-20-3	Naphthalene	58	< 58 U
87-68-3	Hexachlorobutadiene	58	< 58 U
91-57-6	2-Methylnaphthalene	58	< 58 U
131-11-3	Dimethylphthalate	58	< 58 U
208-96-8	Acenaphthylene	58	< 58 U
83-32-9	Acenaphthene	58	< 58 U
132-64-9	Dibenzofuran	58	< 58 U
84-66-2	Diethylphthalate	58	< 58 U
86-73-7	Fluorene	58	< 58 U
86-30-6	N-Nitrosodiphenylamine	58	< 58 U
118-74-1	Hexachlorobenzene	58	< 58 U
87-86-5	Pentachlorophenol	290	< 290 U
85-01-8	**Phenanthrene**	**58**	**100**
120-12-7	**Anthracene**	**58**	**200**
84-74-2	Di-n-Butylphthalate	58	< 58 U
206-44-0	**Fluoranthene**	**58**	**140**
129-00-0	**Pyrene**	**58**	**95**
85-68-7	Butylbenzylphthalate	58	< 58 U
56-55-3	**Benzo(a)anthracene**	**58**	**58**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**58**	**100**
218-01-9	**Chrysene**	**58**	**98**
117-84-0	Di-n-Octyl phthalate	58	< 58 U
205-99-2	**Benzo(b)fluoranthene**	**58**	**66**
207-08-9	**Benzo(k)fluoranthene**	**58**	**66**
50-32-8	**Benzo(a)pyrene**	**58**	**76**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**58**	**43 J**
53-70-3	Dibenz(a,h)anthracene	58	< 58 U
191-24-2	**Benzo(g,h,i)perylene**	**58**	**52 J**
90-12-0	1-Methylnaphthalene	58	< 58 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.4%	2-Fluorobiphenyl	70.6%
d14-p-Terphenyl	55.1%	d4-1,2-Dichlorobenzene	55.1%
d5-Phenol	65.7%	2-Fluorophenol	62.3%
2,4,6-Tribromophenol	69.8%	d4-2-Chlorophenol	62.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED2-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35J
LIMS ID: 09-12726
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 19:00
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 35.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	59	< 59 U
541-73-1	1,3-Dichlorobenzene	59	< 59 U
106-46-7	1,4-Dichlorobenzene	59	< 59 U
100-51-6	Benzyl Alcohol	59	< 59 U
95-50-1	1,2-Dichlorobenzene	59	< 59 U
95-48-7	2-Methylphenol	59	< 59 U
106-44-5	4-Methylphenol	59	< 59 U
67-72-1	Hexachloroethane	59	< 59 U
105-67-9	2,4-Dimethylphenol	59	< 59 U
65-85-0	Benzoic Acid	590	< 590 U
120-82-1	1,2,4-Trichlorobenzene	59	< 59 U
91-20-3	Naphthalene	59	< 59 U
87-68-3	Hexachlorobutadiene	59	< 59 U
91-57-6	2-Methylnaphthalene	59	< 59 U
131-11-3	Dimethylphthalate	59	< 59 U
208-96-8	Acenaphthylene	59	< 59 U
83-32-9	Acenaphthene	59	< 59 U
132-64-9	Dibenzofuran	59	< 59 U
84-66-2	Diethylphthalate	59	< 59 U
86-73-7	Fluorene	59	< 59 U
86-30-6	N-Nitrosodiphenylamine	59	< 59 U
118-74-1	Hexachlorobenzene	59	< 59 U
87-86-5	Pentachlorophenol	300	< 300 U
85-01-8	**Phenanthrene**	**59**	**84**
120-12-7	**Anthracene**	**59**	**120**
84-74-2	Di-n-Butylphthalate	59	< 59 U
206-44-0	**Fluoranthene**	**59**	**110**
129-00-0	**Pyrene**	**59**	**69**
85-68-7	Butylbenzylphthalate	59	< 59 U
56-55-3	**Benzo(a)anthracene**	**59**	**34 J**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**59**	**620**
218-01-9	**Chrysene**	**59**	**66**
117-84-0	Di-n-Octyl phthalate	59	< 59 U
205-99-2	**Benzo(b)fluoranthene**	**59**	**43 J**
207-08-9	**Benzo(k)fluoranthene**	**59**	**43 J**
50-32-8	**Benzo(a)pyrene**	**59**	**49 J**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**59**	**30 J**
53-70-3	Dibenz(a,h)anthracene	59	< 59 U
191-24-2	**Benzo(g,h,i)perylene**	**59**	**39 J**
90-12-0	1-Methylnaphthalene	59	< 59 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.4%	2-Fluorobiphenyl	65.0%
d14-p-Terphenyl	46.7%	d4-1,2-Dichlorobenzene	50.9%
d5-Phenol	59.6%	2-Fluorophenol	55.6%
2,4,6-Tribromophenol	63.3%	d4-2-Chlorophenol	56.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED2-C**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB35J
LIMS ID: 09-12726
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 20:41
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 20.0
Percent Moisture: 35.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	400	< 400 U
541-73-1	1,3-Dichlorobenzene	400	< 400 U
106-46-7	1,4-Dichlorobenzene	400	< 400 U
100-51-6	Benzyl Alcohol	400	< 400 U
95-50-1	1,2-Dichlorobenzene	400	< 400 U
95-48-7	2-Methylphenol	400	< 400 U
106-44-5	4-Methylphenol	400	< 400 U
67-72-1	Hexachloroethane	400	< 400 U
105-67-9	2,4-Dimethylphenol	400	< 400 U
65-85-0	Benzoic Acid	4,000	< 4,000 U
120-82-1	1,2,4-Trichlorobenzene	400	< 400 U
91-20-3	Naphthalene	400	< 400 U
87-68-3	Hexachlorobutadiene	400	< 400 U
91-57-6	2-Methylnaphthalene	400	< 400 U
131-11-3	Dimethylphthalate	400	< 400 U
208-96-8	Acenaphthylene	400	< 400 U
83-32-9	Acenaphthene	400	< 400 U
132-64-9	Dibenzofuran	400	< 400 U
84-66-2	Diethylphthalate	400	< 400 U
86-73-7	Fluorene	400	< 400 U
86-30-6	N-Nitrosodiphenylamine	400	< 400 U
118-74-1	Hexachlorobenzene	400	< 400 U
87-86-5	Pentachlorophenol	2,000	< 2,000 U
85-01-8	Phenanthrene	400	< 400 U
120-12-7	Anthracene	400	< 400 U
84-74-2	Di-n-Butylphthalate	400	< 400 U
206-44-0	Fluoranthene	400	< 400 U
129-00-0	Pyrene	400	< 400 U
85-68-7	Butylbenzylphthalate	400	< 400 U
56-55-3	Benzo(a)anthracene	400	< 400 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**400**	**870**
218-01-9	Chrysene	400	< 400 U
117-84-0	Di-n-Octyl phthalate	400	< 400 U
205-99-2	Benzo(b)fluoranthene	400	< 400 U
207-08-9	Benzo(k)fluoranthene	400	< 400 U
50-32-8	Benzo(a)pyrene	400	< 400 U
193-39-5	Indeno(1,2,3-cd)pyrene	400	< 400 U
53-70-3	Dibenz(a,h)anthracene	400	< 400 U
191-24-2	Benzo(g,h,i)perylene	400	< 400 U
90-12-0	1-Methylnaphthalene	400	< 400 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.0%	2-Fluorobiphenyl	51.2%
d14-p-Terphenyl	75.2%	d4-1,2-Dichlorobenzene	55.2%
d5-Phenol	48.5%	2-Fluorophenol	59.2%
2,4,6-Tribromophenol	60.3%	d4-2-Chlorophenol	54.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED11-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35K
LIMS ID: 09-12727
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 19:33
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 31.6%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**14 J**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**18 J**
129-00-0	**Pyrene**	**20**	**13 J**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**12 J**
218-01-9	**Chrysene**	**20**	**16 J**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	65.2%
d14-p-Terphenyl	57.2%	d4-1,2-Dichlorobenzene	54.8%
d5-Phenol	60.3%	2-Fluorophenol	59.7%
2,4,6-Tribromophenol	72.0%	d4-2-Chlorophenol	60.5%

PSDDA-SEDT

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED11-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35M
LIMS ID: 09-12729
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 20:06
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**22**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**53**
129-00-0	**Pyrene**	**20**	**33**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**19 J**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**15 J**
218-01-9	**Chrysene**	**20**	**31**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**21**
207-08-9	**Benzo(k)fluoranthene**	**20**	**21**
50-32-8	**Benzo(a)pyrene**	**20**	**21**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**11 J**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**12 J**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	66.0%
d14-p-Terphenyl	58.0%	d4-1,2-Dichlorobenzene	53.6%
d5-Phenol	60.0%	2-Fluorophenol	58.4%
2,4,6-Tribromophenol	71.5%	d4-2-Chlorophenol	59.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED12-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 20:38
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 34.0%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**15 J**
129-00-0	**Pyrene**	**20**	**11 J**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**13 J**
218-01-9	**Chrysene**	**20**	**15 J**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.4%	2-Fluorobiphenyl	66.4%
d14-p-Terphenyl	60.0%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	61.6%	2-Fluorophenol	58.1%
2,4,6-Tribromophenol	73.1%	d4-2-Chlorophenol	60.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED12-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 21:11
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.1 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 40.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**29**
129-00-0	**Pyrene**	**20**	**19 J**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**12 J**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**13 J**
218-01-9	**Chrysene**	**20**	**23**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**14 J**
207-08-9	**Benzo(k)fluoranthene**	**20**	**14 J**
50-32-8	**Benzo(a)pyrene**	**20**	**12 J**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	54.8%	2-Fluorobiphenyl	61.2%
d14-p-Terphenyl	57.2%	d4-1,2-Dichlorobenzene	48.8%
d5-Phenol	57.3%	2-Fluorophenol	54.9%
2,4,6-Tribromophenol	68.8%	d4-2-Chlorophenol	56.3%

ANALYTICAL RESOURCES INCORPORATED

SW8270 SEMIVOLATILES SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	NBZ	FBP	TPH	DCB	PHL	2FP	TBP	2CP	TOT OUT
3SED1-A	63.6%	71.5%	56.0%	53.9%	68.2%	64.4%	67.6%	67.6%	0
3SED1-B	79.4%	92.9%*	71.4%	71.6%	88.0%*	84.0%	88.0%	84.0%	2
3SED1-C	63.2%	72.1%	53.3%	51.2%	66.6%	63.7%	66.9%	66.1%	0
3SED1-C DL	66.0%	64.8%	72.8%	53.6%	55.2%	63.2%	58.7%	60.0%	0
3SED2-A	61.6%	69.8%	53.0%	55.1%	64.0%	59.6%	68.6%	61.8%	0
3SED2-A DL	66.4%	58.4%	79.2%	55.2%	54.1%	60.0%	64.5%	56.5%	0
3SED2-B	62.4%	70.6%	55.1%	55.1%	65.7%	62.3%	69.8%	62.2%	0
3SED2-C	57.4%	65.0%	46.7%	50.9%	59.6%	55.6%	63.3%	56.0%	0
3SED2-C DL	64.0%	51.2%	75.2%	55.2%	48.5%	59.2%	60.3%	54.4%	0
3SED11-A	58.8%	65.2%	57.2%	54.8%	60.3%	59.7%	72.0%	60.5%	0
3SED11-B	58.8%	66.0%	58.0%	53.6%	60.0%	58.4%	71.5%	59.7%	0
3SED12-A	58.4%	66.4%	60.0%	51.2%	61.6%	58.1%	73.1%	60.3%	0
MB-060809	51.6%	53.2%	66.8%	48.4%	56.3%	53.1%	57.1%	51.7%	0
LCS-060809	54.4%	57.2%	65.2%	53.2%	58.9%	55.2%	62.4%	55.7%	0
3SED12-B	54.8%	61.2%	57.2%	48.8%	57.3%	54.9%	68.8%	56.3%	0
3SED12-B MS	56.8%	62.0%	56.8%	54.0%	62.9%	56.8%	72.3%	59.2%	0
3SED12-B MSD	56.8%	61.6%	54.4%	50.8%	60.8%	55.5%	70.7%	58.4%	0

	LCS/MB LIMITS	QC LIMITS
(NBZ) = d5-Nitrobenzene	(37-85)	(29-87)
(FBP) = 2-Fluorobiphenyl	(39-82)	(32-88)
(TPH) = d14-p-Terphenyl	(38-105)	(21-97)
(DCB) = d4-1,2-Dichlorobenzene	(33-79)	(25-82)
(PHL) = d5-Phenol	(40-85)	(29-85)
(2FP) = 2-Fluorophenol	(20-93)	(10-114)
(TBP) = 2,4,6-Tribromophenol	(40-96)	(25-103)
(2CP) = d4-2-Chlorophenol	(41-81)	(30-84)

Prep Method: SW3550B
Log Number Range: 09-12717 to 09-12733

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED12-B
MS/MSD

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted MS/MSD: 06/08/09

Date Analyzed MS: 06/15/09 21:44
MSD: 06/15/09 22:16
Instrument/Analyst MS: NT6/LJR
MSD: NT6/LJR
GPC Cleanup: YES

Sample Amount MS: 25.4 g-dry-wt
MSD: 25.2 g-dry-wt
Final Extract Volume MS: 0.5 mL
MSD: 0.5 mL
Dilution Factor MS: 1.00
MSD: 1.00
Percent Moisture: 40.3 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	< 19.9	284	493	57.6%	290	496	58.5%	2.1%
1,3-Dichlorobenzene	< 19.9	267	493	54.2%	261	496	52.6%	2.3%
1,4-Dichlorobenzene	< 19.9	269	493	54.6%	270	496	54.4%	0.4%
Benzyl Alcohol	< 19.9	553	986	56.1%	552	992	55.6%	0.2%
1,2-Dichlorobenzene	< 19.9	267	493	54.2%	267	496	53.8%	0.0%
2-Methylphenol	< 19.9	288	493	58.4%	297	496	59.9%	3.1%
4-Methylphenol	< 19.9	628	986	63.7%	644	992	64.9%	2.5%
Hexachloroethane	< 19.9	249	493	50.5%	255	496	51.4%	2.4%
2,4-Dimethylphenol	< 19.9	297	493	60.2%	306	496	61.7%	3.0%
Benzoic Acid	< 199	662	1480	44.7%	843	1490	56.6%	24.1%
1,2,4-Trichlorobenzene	< 19.9	275	493	55.8%	281	496	56.7%	2.2%
Naphthalene	< 19.9	287	493	58.2%	296	496	59.7%	3.1%
Hexachlorobutadiene	< 19.9	298	493	60.4%	298	496	60.1%	0.0%
2-Methylnaphthalene	< 19.9	294	493	59.6%	295	496	59.5%	0.3%
Dimethylphthalate	< 19.9	336	493	68.2%	344	496	69.4%	2.4%
Acenaphthylene	< 19.9	326	493	66.1%	333	496	67.1%	2.1%
Acenaphthene	< 19.9	310	493	62.9%	320	496	64.5%	3.2%
Dibenzofuran	< 19.9	318	493	64.5%	327	496	65.9%	2.8%
Diethylphthalate	< 19.9	367	493	74.4%	377	496	76.0%	2.7%
Fluorene	< 19.9	337	493	68.4%	344	496	69.4%	2.1%
N-Nitrosodiphenylamine	< 19.9	340	493	69.0%	360	496	72.6%	5.7%
Hexachlorobenzene	< 19.9	334	493	67.7%	339	496	68.3%	1.5%
Pentachlorophenol	< 99.4	417	493	84.6%	420	496	84.7%	0.7%
Phenanthrene	< 19.9	365	493	74.0%	390	496	78.6%	6.6%
Anthracene	< 19.9	330	493	66.9%	341	496	68.8%	3.3%
Di-n-Butylphthalate	< 19.9	381	493	77.3%	383	496	77.2%	0.5%
Fluoranthene	28.6	456	493	86.7%	489	496	92.8%	7.0%
Pyrene	18.7	320	493	61.1%	333	496	63.4%	4.0%
Butylbenzylphthalate	< 19.9	313	493	63.5%	308	496	62.1%	1.6%
Benzo(a)anthracene	11.9	356	493	69.8%	361	496	70.4%	1.4%
bis(2-Ethylhexyl)phthalate	12.7	352	493	68.8%	367	496	71.4%	4.2%
Chrysene	22.7	382	493	72.9%	387	496	73.4%	1.3%
Di-n-Octyl phthalate	< 19.9	355	493	72.0%	358	496	72.2%	0.8%
Benzo(b)fluoranthene	14.1	409	493	80.1%	412	496	80.2%	0.7%
Benzo(k)fluoranthene	14.1	365	493	71.2%	374	496	72.6%	2.4%
Benzo(a)pyrene	12.3	341	493	66.7%	348	496	67.7%	2.0%
Indeno(1,2,3-cd)pyrene	< 19.9	327	493	66.3%	329	496	66.3%	0.6%
Dibenz(a,h)anthracene	< 19.9	345	493	70.0%	346	496	69.8%	0.3%
Benzo(g,h,i)perylene	< 19.9	296	493	60.0%	300	496	60.5%	1.3%
1-Methylnaphthalene	< 19.9	309	493	62.7%	321	496	64.7%	3.8%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED12-B**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 21:44
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 40.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
541-73-1	1,3-Dichlorobenzene	20	---
106-46-7	1,4-Dichlorobenzene	20	---
100-51-6	Benzyl Alcohol	20	---
95-50-1	1,2-Dichlorobenzene	20	---
95-48-7	2-Methylphenol	20	---
106-44-5	4-Methylphenol	20	---
67-72-1	Hexachloroethane	20	---
105-67-9	2,4-Dimethylphenol	20	---
65-85-0	Benzoic Acid	200	---
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	---
87-68-3	Hexachlorobutadiene	20	---
91-57-6	2-Methylnaphthalene	20	---
131-11-3	Dimethylphthalate	20	---
208-96-8	Acenaphthylene	20	---
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	---
84-66-2	Diethylphthalate	20	---
86-73-7	Fluorene	20	---
86-30-6	N-Nitrosodiphenylamine	20	---
118-74-1	Hexachlorobenzene	20	---
87-86-5	Pentachlorophenol	99	---
85-01-8	Phenanthrene	20	---
120-12-7	Anthracene	20	---
84-74-2	Di-n-Butylphthalate	20	---
206-44-0	Fluoranthene	20	---
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	---
56-55-3	Benzo(a)anthracene	20	---
117-81-7	bis(2-Ethylhexyl)phthalate	20	---
218-01-9	Chrysene	20	---
117-84-0	Di-n-Octyl phthalate	20	---
205-99-2	Benzo(b)fluoranthene	20	---
207-08-9	Benzo(k)fluoranthene	20	---
50-32-8	Benzo(a)pyrene	20	---
193-39-5	Indeno(1,2,3-cd)pyrene	20	---
53-70-3	Dibenz(a,h)anthracene	20	---
191-24-2	Benzo(g,h,i)perylene	20	---
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.8%	2-Fluorobiphenyl	62.0%
d14-p-Terphenyl	56.8%	d4-1,2-Dichlorobenzene	54.0%
d5-Phenol	62.9%	2-Fluorophenol	56.8%
2,4,6-Tribromophenol	72.3%	d4-2-Chlorophenol	59.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED12-B
MATRIX SPIKE DUPLICATE

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 22:16
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 40.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
541-73-1	1,3-Dichlorobenzene	20	---
106-46-7	1,4-Dichlorobenzene	20	---
100-51-6	Benzyl Alcohol	20	---
95-50-1	1,2-Dichlorobenzene	20	---
95-48-7	2-Methylphenol	20	---
106-44-5	4-Methylphenol	20	---
67-72-1	Hexachloroethane	20	---
105-67-9	2,4-Dimethylphenol	20	---
65-85-0	Benzoic Acid	200	---
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	---
87-68-3	Hexachlorobutadiene	20	---
91-57-6	2-Methylnaphthalene	20	---
131-11-3	Dimethylphthalate	20	---
208-96-8	Acenaphthylene	20	---
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	---
84-66-2	Diethylphthalate	20	---
86-73-7	Fluorene	20	---
86-30-6	N-Nitrosodiphenylamine	20	---
118-74-1	Hexachlorobenzene	20	---
87-86-5	Pentachlorophenol	99	---
85-01-8	Phenanthrene	20	---
120-12-7	Anthracene	20	---
84-74-2	Di-n-Butylphthalate	20	---
206-44-0	Fluoranthene	20	---
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	---
56-55-3	Benzo(a)anthracene	20	---
117-81-7	bis(2-Ethylhexyl)phthalate	20	---
218-01-9	Chrysene	20	---
117-84-0	Di-n-Octyl phthalate	20	---
205-99-2	Benzo(b)fluoranthene	20	---
207-08-9	Benzo(k)fluoranthene	20	---
50-32-8	Benzo(a)pyrene	20	---
193-39-5	Indeno(1,2,3-cd)pyrene	20	---
53-70-3	Dibenz(a,h)anthracene	20	---
191-24-2	Benzo(g,h,i)perylene	20	---
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.8%	2-Fluorobiphenyl	61.6%
d14-p-Terphenyl	54.4%	d4-1,2-Dichlorobenzene	50.8%
d5-Phenol	60.8%	2-Fluorophenol	55.5%
2,4,6-Tribromophenol	70.7%	d4-2-Chlorophenol	58.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: LCS-060809
LAB CONTROL

Lab Sample ID: LCS-060809
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:44
Instrument/Analyst: NT6/LJR
GPC Cleanup: YES

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Phenol	296	500	59.2%
1,3-Dichlorobenzene	261	500	52.2%
1,4-Dichlorobenzene	265	500	53.0%
Benzyl Alcohol	537	1000	53.7%
1,2-Dichlorobenzene	265	500	53.0%
2-Methylphenol	276	500	55.2%
4-Methylphenol	588	1000	58.8%
Hexachloroethane	259	500	51.8%
2,4-Dimethylphenol	224	500	44.8%
Benzoic Acid	980	1500	65.3%
1,2,4-Trichlorobenzene	264	500	52.8%
Naphthalene	275	500	55.0%
Hexachlorobutadiene	275	500	55.0%
2-Methylnaphthalene	277	500	55.4%
Dimethylphthalate	299	500	59.8%
Acenaphthylene	301	500	60.2%
Acenaphthene	281	500	56.2%
Dibenzofuran	295	500	59.0%
Diethylphthalate	366	500	73.2%
Fluorene	302	500	60.4%
N-Nitrosodiphenylamine	315	500	63.0%
Hexachlorobenzene	308	500	61.6%
Pentachlorophenol	327	500	65.4%
Phenanthrene	322	500	64.4%
Anthracene	295	500	59.0%
Di-n-Butylphthalate	345	500	69.0%
Fluoranthene	339	500	67.8%
Pyrene	328	500	65.6%
Butylbenzylphthalate	337	500	67.4%
Benzo(a)anthracene	313	500	62.6%
bis(2-Ethylhexyl)phthalate	345	500	69.0%
Chrysene	328	500	65.6%
Di-n-Octyl phthalate	319	500	63.8%
Benzo(b)fluoranthene	331	500	66.2%
Benzo(k)fluoranthene	336	500	67.2%
Benzo(a)pyrene	294	500	58.8%
Indeno(1,2,3-cd)pyrene	357	500	71.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: LCS-060809**
 LAB CONTROL

Lab Sample ID: LCS-060809 QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
LIMS ID: 09-12733 Project: JELD-WEN NORD DOOR
Matrix: Sediment
Date Analyzed: 06/15/09 15:44

Analyte	Lab Control	Spike Added	Recovery
Dibenz(a,h)anthracene	370	500	74.0%
Benzo(g,h,i)perylene	363	500	72.6%
1-Methylnaphthalene	303	500	60.6%

Semivolatile Surrogate Recovery	
d5-Nitrobenzene	54.4%
2-Fluorobiphenyl	57.2%
d14-p-Terphenyl	65.2%
d4-1,2-Dichlorobenzene	53.2%
d5-Phenol	58.9%
2-Fluorophenol	55.2%
2,4,6-Tribromophenol	62.4%
d4-2-Chlorophenol	55.7%

Results reported in µg/kg

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB35MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Lab File ID: PB35MB Date Extracted: 06/08/09

Instrument ID: NT6 Date Analyzed: 06/15/09

Matrix: SOLID Time Analyzed: 1511

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PB35LCSS1	PB35LCSS1	PB35SB	06/15/09
02	3SED1-A	PB35A	PB35A	06/15/09
03	3SED1-B	PB35C	PB35C	06/15/09
04	3SED1-C	PB35E	PB35E	06/15/09
05	3SED2-A	PB35G	PB35G	06/15/09
06	3SED2-B	PB35I	PB35I	06/15/09
07	3SED2-C	PB35J	PB35J	06/15/09
08	3SED11-A	PB35K	PB35K	06/15/09
09	3SED11-B	PB35M	PB35M	06/15/09
10	3SED12-A	PB35O	PB35O	06/15/09
11	3SED12-B	PB35Q	PB35Q	06/15/09
12	3SED12-B MS	PB35QMS	PB35QMS	06/15/09
13	3SED12-B MSD	PB35QMSD	PB35QMD	06/15/09
14	3SED1-C	PB35E	PB35EDL	06/16/09
15	3SED2-A	PB35G	PB35GDL	06/16/09
16	3SED2-C	PB35J	PB35JDL	06/16/09
17				
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COMMENTS:

FORM IV SV

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: MB-060809
METHOD BLANK

Lab Sample ID: MB-060809
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:11
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	**Diethylphthalate**	**20**	**25**
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	51.6%	2-Fluorobiphenyl	53.2%
d14-p-Terphenyl	66.8%	d4-1,2-Dichlorobenzene	48.4%
d5-Phenol	56.3%	2-Fluorophenol	53.1%
2,4,6-Tribromophenol	57.1%	d4-2-Chlorophenol	51.7%

SIM SEMIVOLATILE ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED1-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 15:51
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 37.1%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	92	< 92 U
87-86-5	Pentachlorophenol	92	< 92 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	69.6%	d5-Phenol	56.0%
2-Fluorophenol	55.2%	d4-2-Chlorophenol	64.8%
d4-1,2-Dichlorobenzene	58.8%	d5-Nitrobenzene	61.2%
2,4,6-Tribromophenol	80.0%	d14-p-Terphenyl	85.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED1-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 16:26
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 43.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	45	< 45 U
85-68-7	Butylbenzylphthalate	45	< 45 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	90	< 90 U
87-86-5	Pentachlorophenol	90	< 90 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	69.6%	d5-Phenol	58.4%
2-Fluorophenol	60.0%	d4-2-Chlorophenol	70.4%
d4-1,2-Dichlorobenzene	58.8%	d5-Nitrobenzene	64.8%
2,4,6-Tribromophenol	83.2%	d14-p-Terphenyl	82.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED1-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35E
LIMS ID: 09-12721
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 14:39
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 46.8%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	45	< 45 U
85-68-7	Butylbenzylphthalate	45	< 45 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	90	< 90 U
87-86-5	Pentachlorophenol	90	< 90 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	78.0%	d5-Phenol	65.6%
2-Fluorophenol	65.6%	d4-2-Chlorophenol	73.6%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	72.0%
2,4,6-Tribromophenol	79.2%	d14-p-Terphenyl	93.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED2-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35G
LIMS ID: 09-12723
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:13
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	92	< 92 U
87-86-5	Pentachlorophenol	92	< 92 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	75.6%	d5-Phenol	72.0%
2-Fluorophenol	64.0%	d4-2-Chlorophenol	75.2%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	106%
2,4,6-Tribromophenol	76.0%	d14-p-Terphenyl	93.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED2-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35I
LIMS ID: 09-12725
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:47
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 32.8%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**18**	**65**
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	48	< 48 Y
100-51-6	Benzyl Alcohol	93	< 93 U
87-86-5	Pentachlorophenol	93	< 93 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	73.2%	d5-Phenol	69.6%
2-Fluorophenol	63.2%	d4-2-Chlorophenol	71.2%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	66.0%
2,4,6-Tribromophenol	80.8%	d14-p-Terphenyl	88.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED2-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35J
LIMS ID: 09-12726
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 16:21
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 35.9%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
131-11-3	Dimethylphthalate	47	< 47 U
85-68-7	Butylbenzylphthalate	47	< 47 U
95-48-7	2-Methylphenol	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
100-51-6	Benzyl Alcohol	93	< 93 U
87-86-5	Pentachlorophenol	93	< 93 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
541-73-1	1,3-Dichlorobenzene	19	< 19 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	74.4%	d5-Phenol	68.8%
2-Fluorophenol	62.4%	d4-2-Chlorophenol	72.0%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	68.4%
2,4,6-Tribromophenol	81.6%	d14-p-Terphenyl	88.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED11-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35K
LIMS ID: 09-12727
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 16:55
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 31.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	64.4%	d5-Phenol	59.5%
2-Fluorophenol	57.1%	d4-2-Chlorophenol	73.9%
d4-1,2-Dichlorobenzene	55.2%	d5-Nitrobenzene	62.8%
2,4,6-Tribromophenol	79.5%	d14-p-Terphenyl	84.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED11-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35M
LIMS ID: 09-12729
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 17:29
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	67.6%	d5-Phenol	63.5%
2-Fluorophenol	59.7%	d4-2-Chlorophenol	77.3%
d4-1,2-Dichlorobenzene	57.6%	d5-Nitrobenzene	72.0%
2,4,6-Tribromophenol	84.0%	d14-p-Terphenyl	90.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED12-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 13:34
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.0%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.1**	**6.7**
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	64.0%	d5-Phenol	55.5%
2-Fluorophenol	58.1%	d4-2-Chlorophenol	68.0%
d4-1,2-Dichlorobenzene	59.2%	d5-Nitrobenzene	63.2%
2,4,6-Tribromophenol	80.8%	d14-p-Terphenyl	98.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED12-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/22/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 15:17
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 40.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	66.4%	d5-Phenol	57.1%
2-Fluorophenol	55.5%	d4-2-Chlorophenol	65.6%
d4-1,2-Dichlorobenzene	54.0%	d5-Nitrobenzene	60.0%
2,4,6-Tribromophenol	84.3%	d14-p-Terphenyl	99.6%

ANALYTICAL RESOURCES INCORPORATED

SIM SW8270 SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	FBP	PHL	FPH	CPL	DCB	NBZ	TBP	TER	TOT OU
3SED1-A	69.6%	56.0%	55.2%	64.8%	58.8%	61.2%	80.0%	85.2%	0
3SED1-B	69.6%	58.4%	60.0%	70.4%	58.8%	64.8%	83.2%	82.8%	0
3SED1-C	78.0%	65.6%	65.6%	73.6%	61.2%	72.0%	79.2%	93.6%	0
3SED2-A	75.6%	72.0%	64.0%	75.2%	61.2%	106%	76.0%	93.6%	0
3SED2-B	73.2%	69.6%	63.2%	71.2%	61.2%	66.0%	80.8%	88.8%	0
3SED2-C	74.4%	68.8%	62.4%	72.0%	61.2%	68.4%	81.6%	88.8%	0
3SED11-A	64.4%	59.5%	57.1%	73.9%	55.2%	62.8%	79.5%	84.8%	0
3SED11-B	67.6%	63.5%	59.7%	77.3%	57.6%	72.0%	84.0%	90.8%	0
MB-060809	56.0%	47.7%	49.6%	50.4%	53.6%	55.6%	58.4%	80.8%	0
LCS-060809	60.0%	54.4%	53.3%	56.0%	57.6%	60.0%	69.1%	90.0%	0
3SED12-A	64.0%	55.5%	58.1%	68.0%	59.2%	63.2%	80.8%	98.4%	0
3SED12-A MS	69.6%	61.6%	63.2%	74.4%	64.0%	67.6%	88.0%	107%	0
3SED12-A MSD	67.6%	61.6%	63.2%	73.6%	64.8%	66.4%	85.6%	105%	0
3SED12-B	66.4%	57.1%	55.5%	65.6%	54.0%	60.0%	84.3%	99.6%	0

	LCS/MB LIMITS	QC LIMITS
(FBP) = 2-Fluorobiphenyl	(30-160)	(30-160)
(PHL) = d5-Phenol	(30-160)	(30-160)
(FPH) = 2-Fluorophenol	(30-160)	(30-160)
(CPL) = d4-2-Chlorophenol	(30-160)	(30-160)
(DCB) = d4-1,2-Dichlorobenzene	(30-160)	(30-160)
(NBZ) = d5-Nitrobenzene	(30-160)	(30-160)
(TBP) = 2,4,6-Tribromophenol	(30-160)	(30-160)
(TER) = d14-p-Terphenyl	(30-160)	(30-160)

Prep Method: SW3550B
Log Number Range: 09-12717 to 09-12733

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED12-A**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted MS/MSD: 06/08/09

Date Analyzed MS: 06/13/09 14:08
MSD: 06/13/09 14:42
Instrument/Analyst MS: NT2/PK
MSD: NT2/PK

Sample Amount MS: 16.6 g-dry-wt
MSD: 16.6 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL
Dilution Factor MS: 1.00
MSD: 1.00

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Dibenz(a,h)anthracene	6.7	175	151	111%	166	151	105%	5.3%
1,4-Dichlorobenzene	< 6.1 U	100	151	66.2%	101	151	66.9%	1.0%
1,2,4-Trichlorobenzene	< 6.1 U	120	151	79.5%	120	151	79.5%	0.0%
Hexachlorobenzene	< 6.1 U	129	151	85.4%	132	151	87.4%	2.3%
Hexachlorobutadiene	< 6.1 U	123	151	81.5%	120	151	79.5%	2.5%
Dimethylphthalate	< 15.2 U	133	151	88.1%	128	151	84.8%	3.8%
Butylbenzylphthalate	< 15.2 U	143	151	94.7%	142	151	94.0%	0.7%
2-Methylphenol	< 6.1 U	117	151	77.5%	115	151	76.2%	1.7%
2,4-Dimethylphenol	< 6.1 U	114	151	75.5%	115	151	76.2%	0.9%
N-Nitrosodiphenylamine	< 6.1 U	119	151	78.8%	122	151	80.8%	2.5%
Benzyl Alcohol	< 30.3 U	304	301	101%	317	301	105%	4.2%
Pentachlorophenol	< 30.3 U	135	151	89.4%	128	151	84.8%	5.3%
1,2-Dichlorobenzene	< 6.1 U	108	151	71.5%	113	151	74.8%	4.5%
1,3-Dichlorobenzene	< 6.1 U	116	151	76.8%	118	151	78.1%	1.7%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED12-A**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 14:08
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.0%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	---
106-46-7	1,4-Dichlorobenzene	6.0	---
120-82-1	1,2,4-Trichlorobenzene	6.0	---
118-74-1	Hexachlorobenzene	6.0	---
87-68-3	Hexachlorobutadiene	6.0	---
131-11-3	Dimethylphthalate	15	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	6.0	---
105-67-9	2,4-Dimethylphenol	6.0	---
86-30-6	N-Nitrosodiphenylamine	6.0	---
100-51-6	Benzyl Alcohol	30	---
87-86-5	Pentachlorophenol	30	---
95-50-1	1,2-Dichlorobenzene	6.0	---
541-73-1	1,3-Dichlorobenzene	6.0	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	69.6%	d5-Phenol	61.6%
2-Fluorophenol	63.2%	d4-2-Chlorophenol	74.4%
d4-1,2-Dichlorobenzene	64.0%	d5-Nitrobenzene	67.6%
2,4,6-Tribromophenol	88.0%	d14-p-Terphenyl	107%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED12-A**
Page 1 of 1 **MATRIX SPIKE DUPLICATE**

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 14:42
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.0%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	---
106-46-7	1,4-Dichlorobenzene	6.0	---
120-82-1	1,2,4-Trichlorobenzene	6.0	---
118-74-1	Hexachlorobenzene	6.0	---
87-68-3	Hexachlorobutadiene	6.0	---
131-11-3	Dimethylphthalate	15	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	6.0	---
105-67-9	2,4-Dimethylphenol	6.0	---
86-30-6	N-Nitrosodiphenylamine	6.0	---
100-51-6	Benzyl Alcohol	30	---
87-86-5	Pentachlorophenol	30	---
95-50-1	1,2-Dichlorobenzene	6.0	---
541-73-1	1,3-Dichlorobenzene	6.0	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	67.6%	d5-Phenol	61.6%
2-Fluorophenol	63.2%	d4-2-Chlorophenol	73.6%
d4-1,2-Dichlorobenzene	64.8%	d5-Nitrobenzene	66.4%
2,4,6-Tribromophenol	85.6%	d14-p-Terphenyl	105%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LCS-060809**
Page 1 of 1 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-060809
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed LCS: 06/13/09 12:59
Instrument/Analyst LCS: NT2/PK

Sample Amount LCS: 16.0 g-dry-wt
Final Extract Volume LCS: 1.0 mL
Dilution Factor LCS: 1.00

Analyte	LCS	Spike Added	Recovery
Dibenz(a,h)anthracene	168	156	108%
1,4-Dichlorobenzene	95.0	156	60.9%
1,2,4-Trichlorobenzene	112	156	71.8%
Hexachlorobenzene	118	156	75.6%
Hexachlorobutadiene	115	156	73.7%
Dimethylphthalate	121	156	77.6%
Butylbenzylphthalate	155	156	99.4%
2-Methylphenol	104	156	66.7%
2,4-Dimethylphenol	78.1	156	50.1%
N-Nitrosodiphenylamine	104	156	66.7%
Benzyl Alcohol	304	312	97.4%
Pentachlorophenol	104	156	66.7%
1,2-Dichlorobenzene	101	156	64.7%
1,3-Dichlorobenzene	113	156	72.4%

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	60.0%
d5-Phenol	54.4%
2-Fluorophenol	53.3%
d4-2-Chlorophenol	56.0%
d4-1,2-Dichlorobenzene	57.6%
d5-Nitrobenzene	60.0%
2,4,6-Tribromophenol	69.1%
d14-p-Terphenyl	90.0%

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB35MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Lab File ID: PB35MBR Date Extracted: 06/08/09

Instrument ID: NT2 Date Analyzed: 06/13/09

Matrix: SOLID Time Analyzed: 1225

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PB35LCSS1	PB35LCSS1	PB35SBR	06/13/09
02	3SED12-A	PB35O	PB35O	06/13/09
03	3SED12-A MS	PB35OMS	PB35OMS	06/13/09
04	3SED12-A MSD	PB35OMSD	PB35OMSD	06/13/09
05	3SED12-B	PB35Q	PB35Q	06/13/09
06	3SED1-A	PB35A	PB35A	06/13/09
07	3SED1-B	PB35C	PB35C	06/13/09
08	3SED1-C	PB35E	061503	06/15/09
09	3SED2-A	PB35G	061504	06/15/09
10	3SED2-B	PB35I	061505	06/15/09
11	3SED2-C	PB35J	061506	06/15/09
12	3SED11-A	PB35K	061507	06/15/09
13	3SED11-B	PB35M	061508	06/15/09
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COMMENTS:

FORM IV SV

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: MB-060809**
Page 1 of 1 **METHOD BLANK**

Lab Sample ID: MB-060809
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 12:25
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.2	< 6.2 U
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	16	< 16 U
85-68-7	Butylbenzylphthalate	16	< 16 U
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
541-73-1	1,3-Dichlorobenzene	6.2	< 6.2 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.0%	d5-Phenol	47.7%
2-Fluorophenol	49.6%	d4-2-Chlorophenol	50.4%
d4-1,2-Dichlorobenzene	53.6%	d5-Nitrobenzene	55.6%
2,4,6-Tribromophenol	58.4%	d14-p-Terphenyl	80.8%

PCB ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-A
SAMPLE

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 14:59
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 37.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**7.5**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	98.1%
Tetrachlorometaxylene	70.8%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-B
SAMPLE

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 15:17
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 43.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**9.4**
11096-82-5	**Aroclor 1260**	**3.9**	**5.3**
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	81.5%
Tetrachlorometaxylene	62.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-C
SAMPLE

Lab Sample ID: PB35E
LIMS ID: 09-12721
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 16:08
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 46.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	**Aroclor 1254**	**4.0**	**8.3**
11096-82-5	Aroclor 1260	4.0	< 4.0 U
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	83.0%
Tetrachlorometaxylene	67.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED2-A
SAMPLE

Lab Sample ID: PB35G
LIMS ID: 09-12723
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 16:26
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	84.0%
Tetrachlorometaxylene	58.6%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED2-B
SAMPLE

Lab Sample ID: PB35I
LIMS ID: 09-12725
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 17:17
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 32.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**4.7**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	80.1%
Tetrachlorometaxylene	67.2%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED2-C
SAMPLE

Lab Sample ID: PB35J
LIMS ID: 09-12726
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 17:34
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 35.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	**Aroclor 1248**	**3.9**	**12**
11097-69-1	**Aroclor 1254**	**3.9**	**6.5**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	96.2%
Tetrachlorometaxylene	59.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED11-A
SAMPLE

Lab Sample ID: PB35K
LIMS ID: 09-12727
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 17:52
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 17.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: 31.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	12	< 12 U
53469-21-9	Aroclor 1242	12	< 12 U
12672-29-6	Aroclor 1248	12	< 12 U
11097-69-1	**Aroclor 1254**	**12**	**99**
11096-82-5	**Aroclor 1260**	**12**	**39 P**
11104-28-2	Aroclor 1221	12	< 12 U
11141-16-5	Aroclor 1232	12	< 12 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	93.0%
Tetrachlorometaxylene	67.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED11-B
SAMPLE

Lab Sample ID: PB35M
LIMS ID: 09-12729
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 18:09
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 7.95 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	25	< 25 U
53469-21-9	Aroclor 1242	25	< 25 U
12672-29-6	Aroclor 1248	25	< 25 U
11097-69-1	**Aroclor 1254**	**25**	**92**
11096-82-5	Aroclor 1260	25	< 25 U
11104-28-2	Aroclor 1221	25	< 25 U
11141-16-5	Aroclor 1232	25	< 25 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	92.2%
Tetrachlorometaxylene	63.8%

FORM I

PB35-09729

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED12-A
SAMPLE

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 18:26
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 16.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 50.0
Silica Gel: Yes

Percent Moisture: 34.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**990**
11096-82-5	**Aroclor 1260**	**60**	**390 P**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	D
Tetrachlorometaxylene	D

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: 3SED12-B
SAMPLE

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 18:43
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 7.47 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: 40.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	27	< 27 U
53469-21-9	Aroclor 1242	27	< 27 U
12672-29-6	Aroclor 1248	27	< 27 U
11097-69-1	**Aroclor 1254**	**27**	**49**
11096-82-5	Aroclor 1260	27	< 27 U
11104-28-2	Aroclor 1221	27	< 27 U
11141-16-5	Aroclor 1232	27	< 27 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	82.5%
Tetrachlorometaxylene	70.5%

FORM I

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
3SED1-A	98.1%	34-141	70.8%	38-102	0
MB-060909	60.5%	40-109	53.2%	35-100	0
LCS-060909	55.5%	40-109	51.5%	35-100	0
3SED1-B	81.5%	34-141	62.6%	38-102	0
3SED1-B MS	91.8%	34-141	66.0%	38-102	0
3SED1-B MSD	112%	34-141	65.2%	38-102	0
3SED1-C	83.0%	34-141	67.0%	38-102	0
3SED2-A	84.0%	34-141	58.6%	38-102	0
3SED2-B	80.1%	34-141	67.2%	38-102	0
3SED2-C	96.2%	34-141	59.8%	38-102	0
3SED11-A	93.0%	34-141	67.0%	38-102	0
3SED11-B	92.2%	34-141	63.8%	38-102	0
3SED12-A	D	34-141	D	38-102	0
3SED12-B	82.5%	34-141	70.5%	38-102	0

Low Level PSDDA Control Limits
Prep Method: SW3550B
Log Number Range: 09-12717 to 09-12733

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-B
MS/MSD

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted MS/MSD: 06/09/09

Date Analyzed MS: 06/13/09 15:34
MSD: 06/13/09 15:51
Instrument/Analyst MS: ECD5/JGR
MSD: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount MS: 25.6 g-dry-wt
MSD: 26.0 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL
Dilution Factor MS: 5.00
MSD: 5.00
Silica Gel: Yes

Percent Moisture: 43.3%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 3.9 U	12.8	19.5	65.6%	12.3	19.2	64.1%	4.0%
Aroclor 1260	5.3	19.7	19.5	73.8%	18.7	19.2	69.8%	5.2%

Results reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-B
MATRIX SPIKE

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 15:34
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 43.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	---
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**14**
11096-82-5	Aroclor 1260	3.9	---
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	91.8%
Tetrachlorometaxylene	66.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-B
MATRIX SPIKE DUP

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 15:51
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 43.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.8	---
53469-21-9	Aroclor 1242	3.8	< 3.8 U
12672-29-6	Aroclor 1248	3.8	< 3.8 U
11097-69-1	**Aroclor 1254**	**3.8**	**13**
11096-82-5	Aroclor 1260	3.8	---
11104-28-2	Aroclor 1221	3.8	< 3.8 U
11141-16-5	Aroclor 1232	3.8	< 3.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	112%
Tetrachlorometaxylene	65.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: LCS-060909
LAB CONTROL

Lab Sample ID: LCS-060909
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 14:42
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	11.4	20.0	57.0%
Aroclor 1260	12.6	20.0	63.0%

PCB Surrogate Recovery

Decachlorobiphenyl	55.5%
Tetrachlorometaxylene	51.5%

Results reported in µg/kg (ppb)

PCB METHOD BLANK SUMMARY

BLANK NO.

PB35MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

Lab Sample ID: PB35MBS1 Lab File ID: 0613B011

Date Extracted: 06/09/09 Matrix: SOLID

Date Analyzed: 06/13/09 Instrument ID: ECD5

Time Analyzed: 1425 GC Columns: ZB5/ZB35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PB35LCSS1	PB35LCSS1	06/13/09
02	3SED1-A	PB35A	06/13/09
03	3SED1-B	PB35C	06/13/09
04	3SED1-B MS	PB35CMS	06/13/09
05	3SED1-B MSD	PB35CMSD	06/13/09
06	3SED1-C	PB35E	06/13/09
07	3SED2-A	PB35G	06/13/09
08	3SED2-B	PB35I	06/13/09
09	3SED2-C	PB35J	06/13/09
10	3SED11-A	PB35K	06/13/09
11	3SED11-B	PB35M	06/13/09
12	3SED12-A	PB35O	06/13/09
13	3SED12-B	PB35Q	06/13/09

ALL RUNS ARE DUAL COLUMN

FORM IV PCB

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: MB-060909
METHOD BLANK

Lab Sample ID: MB-060909
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 14:25
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	0.8	< 0.8 U
53469-21-9	Aroclor 1242	0.8	< 0.8 U
12672-29-6	Aroclor 1248	0.8	< 0.8 U
11097-69-1	Aroclor 1254	0.8	< 0.8 U
11096-82-5	Aroclor 1260	0.8	< 0.8 U
11104-28-2	Aroclor 1221	0.8	< 0.8 U
11141-16-5	Aroclor 1232	0.8	< 0.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	60.5%
Tetrachlorometaxylene	53.2%

METALS ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: 3SED1-A
SAMPLE

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 61.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	8	**16**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.8	**41.2**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**43.7**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**10**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.04	**0.08**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**74**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED1-B
SAMPLE

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 54.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	9	**16**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.9	**46.5**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**48.1**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**11**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.03	**0.09**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**80**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: 3SED1-C
SAMPLE

Lab Sample ID: PB35E
LIMS ID: 09-12721
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 54.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	9	**15**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.9	**41.8**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.4	**46.8**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	4	**10**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.04	**0.08**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**73**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED2-A
SAMPLE

Lab Sample ID: PB35G
LIMS ID: 09-12723
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 79.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	6	**9**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.6	**28.4**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.2	**18.4**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	2	**6**	
CLP	06/08/09	7471A	06/10/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	1	**45**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED2-B
SAMPLE

Lab Sample ID: PB35I
LIMS ID: 09-12725
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 60.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	8	**15**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.8	**41.0**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**38.9**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**15**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.03	**0.05**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**74**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: 3SED2-C
SAMPLE

Lab Sample ID: PB35J
LIMS ID: 09-12726
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 64.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	7	**15**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.7	**46.4**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**54.0**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**17**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.03	**0.07**	
3050B	06/08/09	6010B	06/10/09	**7440-22-4**	**Silver**	0.4	**1.0**	
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	1	**117**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED11-A
SAMPLE

Lab Sample ID: PB35K
LIMS ID: 09-12727
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 64.1%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	7	**11**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.7	**36.8**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**30.1**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**7**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.04	**0.05**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	1	**55**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED11-B
SAMPLE

Lab Sample ID: PB35M
LIMS ID: 09-12729
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 63.1%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	8	**12**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.8	**43.0**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**37.3**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**8**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.03	**0.06**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**65**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED12-A
SAMPLE

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 66.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	7	**12**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.7	**37.2**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**29.0**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**8**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.03	**0.05**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	1	**54**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED12-B
SAMPLE

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 57.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	8	**13**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.8	**42.0**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**37.4**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**8**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.04	**0.06**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**64**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED1-A
MATRIX SPIKE

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Arsenic	6010B	16	306	307	94.5%	
Cadmium	6010B	0.3 U	72.4	76.6	94.5%	
Chromium	6010B	41.2	115	76.6	96.3%	
Copper	6010B	43.7	117	76.6	95.7%	
Lead	6010B	10	289	307	90.9%	
Mercury	7471A	0.08	0.45	0.363	102%	
Silver	6010B	0.5 U	73.2	76.6	95.6%	
Zinc	6010B	74	147	76.6	95.3%	

Reported in mg/kg-dry

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED1-A
DUPLICATE

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Arsenic	6010B	16	15	6.5%	+/- 8	L
Cadmium	6010B	0.3 U	0.3 U	0.0%	+/- 0.3	L
Chromium	6010B	41.2	42.7	3.6%	+/- 20%	
Copper	6010B	43.7	42.7	2.3%	+/- 20%	
Lead	6010B	10	10	0.0%	+/- 3	L
Mercury	7471A	0.08	0.07	13.3%	+/- 0.04	L
Silver	6010B	0.5 U	0.5 U	0.0%	+/- 0.5	L
Zinc	6010B	74	74	0.0%	+/- 20%	

Reported in mg/kg-dry

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: LAB CONTROL

Lab Sample ID: PB35LCS
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Arsenic	6010B	215	200	108%	
Cadmium	6010B	50.7	50.0	101%	
Chromium	6010B	51.8	50.0	104%	
Copper	6010B	50.8	50.0	102%	
Lead	6010B	202	200	101%	
Mercury	7471A	0.52	0.50	104%	
Silver	6010B	54.4	50.0	109%	
Zinc	6010B	49	50	98.0%	

Reported in mg/kg-dry

N-Control limit not met
NA-Not Applicable, Analyte Not Spiked
Control Limits: 80-120%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: METHOD BLANK

Lab Sample ID: PB35MB
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Percent Total Solids: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	7440-38-2	Arsenic	5	5	U
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/08/09	6010B	06/10/09	7440-47-3	Chromium	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	7440-50-8	Copper	0.2	0.2	U
3050B	06/08/09	6010B	06/10/09	7439-92-1	Lead	2	2	U
CLP	06/08/09	7471A	06/10/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	7440-66-6	Zinc	1	1	U

U-Analyte undetected at given RL
RL-Reporting Limit

GENERAL CHEMISTRY ANALYSIS

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-A
ARI ID: 09-12717 PB35A

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	56.50
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	6.34
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.17	5.03
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	2.20

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-A
ARI ID: 09-12718 PB35B

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	61.60
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	8.51	54.3

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-B
ARI ID: 09-12719 PB35C

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	55.50
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	6.14
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.17	8.48
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	3.06

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-B
ARI ID: 09-12720 PB35D

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	57.50
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	8.53	48.8

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-C
ARI ID: 09-12721 PB35E

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	56.50
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	5.72
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.17	8.15
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	2.30

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-C
ARI ID: 09-12722 PB35F

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	51.30
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	2.00	7.77

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED2-A
ARI ID: 09-12723 PB35G

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	81.40
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	2.09
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.12	1.44
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	2.12

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MR
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED2-A
ARI ID: 09-12724 PB35H

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	81.40
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	64.4	492

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED2-B
ARI ID: 09-12725 PB35I

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	68.80
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	55.60
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	4.94
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.14	9.51
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	36.5	250
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	3.25

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED2-C
ARI ID: 09-12726 PB35J

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	61.90
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	55.00
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	9.87
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.15	5.95
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	99.9	462
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	5.41

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED11-A
ARI ID: 09-12727 PB35K

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	64.40
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	3.23
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.15	5.96
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.12

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED11-A
ARI ID: 09-12728 PB35L

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	64.50
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	1.65	13.4

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED11-B
ARI ID: 09-12729 PB35M

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	62.90
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	4.08
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.15	6.89
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.03

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED11-B
ARI ID: 09-12730 PB35N

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	60.60
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	1.67	21.0

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED12-A
ARI ID: 09-12731 PB35O

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	68.00
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	2.91
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.14	9.94
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	0.814

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED12-A
ARI ID: 09-12732 PB35P

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	61.50
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	8.59	74.1

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED12-B
ARI ID: 09-12733 PB35Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	59.30
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	4.44
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.16	7.19
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.45

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED12-B
ARI ID: 09-12734 PB35R

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	60.90
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	35.0	173

RL Analytical reporting limit
U Undetected at reported detection limit

MS/MSD RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: PB35A Client ID: 3SED1-A						
N-Ammonia	06/09/09	mg-N/kg	5.03	170	165	100.0%
ARI ID: PB35B Client ID: 3SED1-A						
Sulfide	06/08/09	mg/kg	54.3	246	200	95.8%
ARI ID: PB35K Client ID: 3SED11-A						
Total Organic Carbon	06/08/09	Percent	1.12	2.27	1.23	93.6%

REPLICATE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MP
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: PB35A Client ID: 3SED1-A					
N-Ammonia	06/09/09	mg-N/kg	5.03	5.80 5.65	7.4%
ARI ID: PB35B Client ID: 3SED1-A					
Preserved Total Solids	06/08/09	Percent	61.60	62.90 59.50	2.8%
Sulfide	06/08/09	mg/kg	54.3	46.1	16.3%
ARI ID: PB35K Client ID: 3SED11-A					
Total Solids	06/05/09	Percent	64.40	65.30 65.20	0.8%
Total Volatile Solids	06/05/09	Percent	3.23	3.28 3.26	0.8%
Total Organic Carbon	06/08/09	Percent	1.12	0.995 1.16	7.9%

LAB CONTROL RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
Sulfide	06/08/09	mg/kg	5.91	5.84	101.2%
	06/08/09		5.31	5.84	90.9%
Total Organic Carbon	06/08/09	Percent	0.463	0.500	92.6%

METHOD BLANK RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MP
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Total Solids	06/05/09	Percent	< 0.01 U
Preserved Total Solids	06/08/09	Percent	< 0.01 U
Total Volatile Solids	06/05/09	Percent	< 0.01 U
N-Ammonia	06/09/09	mg-N/kg	< 0.10 U
Sulfide	06/08/09	mg/kg	< 1.00 U
	06/08/09		< 0.05 U
Total Organic Carbon	06/08/09	Percent	< 0.020 U

STANDARD REFERENCE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
N-Ammonia SPEX 28-24AS	06/09/09	mg-N/kg	102	100	102.0%
Total Organic Carbon NIST #8704	06/08/09	Percent	3.15	3.35	94.0%

GEOTECHNICAL ANALYSIS

Environmental Science Corp.
JELD-WEN NORD DOOR

Apparent Grain Size Distribution Summary
Percent Finer Than Indicated Size

Sample No.	Gravel			Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt				Clay	
Phi Size	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
Sieve Size (microns)	3/8"	#4 (4750)	#10 (2000)	#18 (1000)	#35 (500)	#60 (250)	#120 (125)	#230 (63)	31.00	15.60	7.80	3.90	2.00	1.00
3SED12-A	100.00	99.82	99.70	99.37	98.85	97.67	90.01	57.35	31.76	18.68	10.61	7.25	5.22	3.07
	100.00	100.00	99.82	99.55	98.97	97.79	90.71	56.65	30.28	16.76	9.69	6.72	4.86	2.89
	100.00	99.87	99.80	99.37	98.82	97.99	91.50	58.00	31.86	18.77	10.40	7.29	5.11	3.10
3SED1-A	100.00	92.53	85.17	79.50	72.22	60.77	54.89	51.62	42.97	29.57	17.54	7.63	7.55	4.46
3SED1-B	100.00	98.34	94.35	90.10	84.95	78.53	74.02	70.41	58.70	38.37	23.51	15.31	10.59	6.43
3SED1-C	100.00	87.92	84.54	80.24	74.33	66.12	61.23	57.08	47.08	30.03	17.86	11.88	8.48	5.07
3SED2-A	100.00	68.42	58.98	50.56	33.97	12.72	5.29	3.80	3.56	2.82	1.84	1.25	0.88	0.50
3SED2-B	100.00	98.62	94.18	88.84	77.45	53.01	36.64	28.09	21.09	15.14	9.34	6.33	4.32	2.61
3SED2-C	100.00	96.39	93.82	88.70	79.25	62.63	51.96	45.73	37.19	25.96	16.28	10.71	7.66	4.65
3SED11-A	100.00	99.40	99.21	98.98	98.31	96.76	87.06	55.52	32.66	18.68	10.88	7.71	5.49	3.30
3SED11-B	100.00	98.24	98.13	97.73	97.09	95.66	86.86	62.79	38.50	23.01	13.77	8.87	6.44	3.95
3SED12-B	100.00	100.00	99.90	99.23	98.55	97.49	92.05	72.58	46.59	25.59	14.07	9.41	6.82	4.01

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Environmental Science Corp.
JELD-WEN NORD DOOR

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay			Total Fines
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10	<4
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0	<230 (<62)
3SED12-A	0.3	0.3	0.5	1.2	7.7	32.7	25.6	13.1	8.1	3.4	2.0	2.1	3.1	57.3
	0.2	0.3	0.6	1.2	7.1	34.1	26.4	13.5	7.1	3.0	1.9	2.0	2.9	56.6
	0.2	0.4	0.6	0.8	6.5	33.5	26.1	13.1	8.4	3.1	2.2	2.0	3.1	58.0
3SED1-A	14.8	5.7	7.3	11.4	5.9	3.3	8.7	13.4	12.0	9.9	0.1	3.1	4.5	51.6
3SED1-B	5.7	4.3	5.2	6.4	4.5	3.6	11.7	20.3	14.9	8.2	4.7	4.2	6.4	70.4
3SED1-C	15.5	4.3	5.9	8.2	4.9	4.1	10.0	17.0	12.2	6.0	3.4	3.4	5.1	57.1
3SED2-A	41.0	8.4	16.6	21.3	7.4	1.5	0.2	0.7	1.0	0.6	0.4	0.4	0.5	3.8
3SED2-B	5.8	5.3	11.4	24.4	16.4	8.6	7.0	5.9	5.8	3.0	2.0	1.7	2.6	28.1
3SED2-C	6.2	5.1	9.4	16.6	10.7	6.2	8.5	11.2	9.7	5.6	3.1	3.0	4.6	45.7
3SED11-A	0.8	0.2	0.7	1.5	9.7	31.5	22.9	14.0	7.8	3.2	2.2	2.2	3.3	55.5
3SED11-B	1.9	0.4	0.6	1.4	8.8	24.1	24.3	15.5	9.2	4.9	2.4	2.5	4.0	62.8
3SED12-B	0.1	0.7	0.7	1.1	5.4	19.5	26.0	21.0	11.5	4.7	2.6	2.8	4.0	72.6

Notes to the Testing:
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

QA SUMMARY

Client:	Environmental Science Corp.	Client Project No.:	JELD-WEN NORD DOOR
ARI Trip. Sample ID:	PB35 O	Batch No.:	PB35-1
Client Trip. Sample ID:	3SED12-A	Page:	1 of 1

Relative Standard Deviation, By Phi Size

Sample ID	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
3SED12-A	100.0	99.8	99.7	99.4	98.9	97.7	90.0	57.3	31.8	18.7	10.6	7.2	5.2	3.1
	100.0	100.0	99.8	99.6	99.0	97.8	90.7	56.6	30.3	16.8	9.7	6.7	4.9	2.9
	100.0	99.9	99.8	99.4	98.8	98.0	91.5	58.0	31.9	18.8	10.4	7.3	5.1	3.1
AVE	NA	99.90	99.78	99.43	98.88	97.81	90.74	57.33	31.30	18.07	10.23	7.09	5.06	3.02
STDEV	NA	0.09	0.07	0.11	0.08	0.16	0.75	0.68	0.88	1.14	0.48	0.31	0.18	0.11
%RSD	NA	0.09	0.07	0.11	0.08	0.16	0.82	1.18	2.82	6.29	4.71	4.44	3.58	3.69

The Triplicate Applies To The Following Samples

Client ID	Date Sampled	Date Extracted	Date Complete	QA Ratio (95-105)	Data Qualifiers	Pipette Portion (5.0-25.0g)
3SED12-A	6/3/2009	6/15/2009	6/19/2009	104.4		22.4
	6/3/2009	6/15/2009	6/19/2009	95.9		21.9
	6/3/2009	6/15/2009	6/19/2009	102.7		22.2
3SED1-A	6/3/2009	6/15/2009	6/19/2009	97.1		23.4
3SED1-B	6/3/2009	6/15/2009	6/19/2009	101.2		19.8
3SED1-C	6/3/2009	6/15/2009	6/19/2009	97.2		16.4
3SED2-A	6/3/2009	6/15/2009	6/19/2009	99.5		4.8
3SED2-B	6/3/2009	6/15/2009	6/19/2009	101.6		13.5
3SED2-C	6/3/2009	6/15/2009	6/19/2009	101.6		19.9
3SED11-A	6/3/2009	6/17/2009	6/19/2009	102.1		19.1
3SED11-B	6/3/2009	6/15/2009	6/19/2009	101.1		23.4
3SED12-B	6/3/2009	6/15/2009	6/19/2009	102.1		19.1

* ARI Internal QA limits = 95-105%

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

TOTAL SOLIDS

Solids Data Entry Report Checked by: KM Date: 6/09/09
Date: 06/09/09 Data Analyst: MH

Solids Determination performed on 06/08/09 by MH

JOB	SAMPLE	CLIENTID	TAREWEIGHT	SAMPDISH	DRYWEIGHT	SOLIDS
PB35	A	3SED1-A	0.960	10.318	6.741	61.78
PB35	C	3SED1-B	0.975	10.333	6.105	54.82
PB35	E	3SED1-C	0.969	10.389	6.079	54.25
PB35	G	3SED2-A	0.985	10.603	8.643	79.62
PB35	I	3SED2-B	0.954	10.280	6.547	59.97
PB35	J	3SED2-C	0.989	10.508	7.083	64.02
PB35	K	3SED11-A	0.985	10.789	7.269	64.10
PB35	M	3SED11-B	0.983	10.783	7.165	63.08
PB35	O	3SED12-A	1.006	10.316	7.149	65.98
PB35	Q	3SED12-B	0.990	10.344	6.391	57.74

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Metals Total Solids

Oven in:
Analyst: MH Date: 6/08/09 Time: 1615 Temp: 100°C

Oven out:
Analyst: MH Date: 6/09/09 Time: 0920 Temp: 100°C

ARI Sample ID		Tare Weight (g)	Tare + Sample Wet (g)	Tare + Sample Dry (g)	Comments
PB60	A	0.972	10.281	10.030	
"	B	0.976	10.240	10.028	
"	C	1.011	10.793	10.409	
"	D	0.993	10.359	9.953	
"	E	0.953	10.441	10.093	
PB35	A	0.960	10.318	6.741	
"	C	0.975	10.333	6.105	
"	E	0.969	10.389	6.079	
"	G	0.985	10.603	8.643	
"	I	0.954	10.280	6.547	
"	J	0.989	10.508	7.083	
"	K	0.985	10.789	7.269	
"	M	0.983	10.783	7.165	
"	O	1.006	10.316	7.149	
"	Q	0.990	10.344	6.391	

MH 6/08/09

Extractions Total Solids-extts
Data By: Woo suk Chang
Created: 6/ 5/09

Worklist: 201
Analyst: RVR
Comments:

	ARI ID CLIENT ID	Tare Wt (g)	Wet Wt (g)	Dry Wt (g)	% Solids	pH
1.	PB35A 09-12717 3SED1-A	1.18	11.81	7.87	62.9	NR
2.	PB35C 09-12719 3SED1-B	1.17	12.36	7.51	56.7	NR
3.	PB35E 09-12721 3SED1-C	1.16	11.49	6.66	53.2	NR
4.	PB35G 09-12723 3SED2-A	1.18	11.64	9.59	80.4	NR
5.	PB35I 09-12725 3SED2-B	1.16	11.74	8.27	67.2	NR
6.	PB35J 09-12726 3SED2-C	1.13	11.50	7.78	64.1	NR
7.	PB35K 09-12727 3SED11-A	1.14	11.43	8.18	68.4	NR
8.	PB35M 09-12729 3SED11-B	1.16	11.88	7.96	63.4	NR
9.	PB35O 09-12731 3SED12-A	1.16	11.70	8.12	66.0	NR
10.	PB35Q 09-12733 3SED12-B	1.17	11.57	7.38	59.7	NR

Extractions Total Solids-extts
Data By: Woo suk Chang
Created: 6/ 5/09

Worklist: 201
Analyst: WC
Comments:

	ARI ID / CLIENT ID	Tare Wt (g)	Wet Wt (g)	Dry Wt (g)	% Solids	pH
1.	PB35A 09-12717 3SED1-A	1.12g	11.81g		7.87	NR
2.	PB35C 09-12719 3SED1-B	1.17g	12.36g		7.51	NR
3.	PB35E 09-12721 3SED1-C	1.16g	11.49g		6.66 ~~10.26~~ RR	NR
4.	PB35G 09-12723 3SED2-A	1.18g	11.64g		9.59	NR
5.	PB35I 09-12725 3SED2-B	1.16g	11.74g		8.27	NR
6.	PB35J 09-12726 3SED2-C	1.13g	11.50g		7.78	NR
7.	PB35K 09-12727 3SED11-A	1.14g	11.43g		8.18	NR
8.	PB35M 09-12729 3SED11-B	1.16g	11.88g		7.96	NR
9.	PB35O 09-12731 3SED12-A	1.16g	11.70g		8.12	NR
10.	PB35Q 09-12733 3SED12-B	1.17g	11.57g		7.38	NR

Laboratory Data Package

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Semivolatile Analysis
QC Summary Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SW8270 SEMIVOLATILES SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	NBZ	FBP	TPH	DCB	PHL	2FP	TBP	2CP	TOT OUT
3SED1-A	63.6%	71.5%	56.0%	53.9%	68.2%	64.4%	67.6%	67.6%	0
3SED1-B	79.4%	92.9%*	71.4%	71.6%	88.0%*	84.0%	88.0%	84.0%	2
3SED1-C	63.2%	72.1%	53.3%	51.2%	66.6%	63.7%	66.9%	66.1%	0
3SED1-C DL	66.0%	64.8%	72.8%	53.6%	55.2%	63.2%	58.7%	60.0%	0
3SED2-A	61.6%	69.8%	53.0%	55.1%	64.0%	59.6%	68.6%	61.8%	0
3SED2-A DL	66.4%	58.4%	79.2%	55.2%	54.1%	60.0%	64.5%	56.5%	0
3SED2-B	62.4%	70.6%	55.1%	55.1%	65.7%	62.3%	69.8%	62.2%	0
3SED2-C	57.4%	65.0%	46.7%	50.9%	59.6%	55.6%	63.3%	56.0%	0
3SED2-C DL	64.0%	51.2%	75.2%	55.2%	48.5%	59.2%	60.3%	54.4%	0
3SED11-A	58.8%	65.2%	57.2%	54.8%	60.3%	59.7%	72.0%	60.5%	0
3SED11-B	58.8%	66.0%	58.0%	53.6%	60.0%	58.4%	71.5%	59.7%	0
3SED12-A	58.4%	66.4%	60.0%	51.2%	61.6%	58.1%	73.1%	60.3%	0
MB-060809	51.6%	53.2%	66.8%	48.4%	56.3%	53.1%	57.1%	51.7%	0
LCS-060809	54.4%	57.2%	65.2%	53.2%	58.9%	55.2%	62.4%	55.7%	0
3SED12-B	54.8%	61.2%	57.2%	48.8%	57.3%	54.9%	68.8%	56.3%	0
3SED12-B MS	56.8%	62.0%	56.8%	54.0%	62.9%	56.8%	72.3%	59.2%	0
3SED12-B MSD	56.8%	61.6%	54.4%	50.8%	60.8%	55.5%	70.7%	58.4%	0

	LCS/MB LIMITS	QC LIMITS
(NBZ) = d5-Nitrobenzene	(37-85)	(29-87)
(FBP) = 2-Fluorobiphenyl	(39-82)	(32-88)
(TPH) = d14-p-Terphenyl	(38-105)	(21-97)
(DCB) = d4-1,2-Dichlorobenzene	(33-79)	(25-82)
(PHL) = d5-Phenol	(40-85)	(29-85)
(2FP) = 2-Fluorophenol	(20-93)	(10-114)
(TBP) = 2,4,6-Tribromophenol	(40-96)	(25-103)
(2CP) = d4-2-Chlorophenol	(41-81)	(30-84)

Prep Method: SW3550B
Log Number Range: 09-12717 to 09-12733

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED12-B
MS/MSD

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted MS/MSD: 06/08/09

Date Analyzed MS: 06/15/09 21:44
MSD: 06/15/09 22:16
Instrument/Analyst MS: NT6/LJR
MSD: NT6/LJR
GPC Cleanup: YES

Sample Amount MS: 25.4 g-dry-wt
MSD: 25.2 g-dry-wt
Final Extract Volume MS: 0.5 mL
MSD: 0.5 mL
Dilution Factor MS: 1.00
MSD: 1.00
Percent Moisture: 40.3 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	< 19.9	284	493	57.6%	290	496	58.5%	2.1%
1,3-Dichlorobenzene	< 19.9	267	493	54.2%	261	496	52.6%	2.3%
1,4-Dichlorobenzene	< 19.9	269	493	54.6%	270	496	54.4%	0.4%
Benzyl Alcohol	< 19.9	553	986	56.1%	552	992	55.6%	0.2%
1,2-Dichlorobenzene	< 19.9	267	493	54.2%	267	496	53.8%	0.0%
2-Methylphenol	< 19.9	288	493	58.4%	297	496	59.9%	3.1%
4-Methylphenol	< 19.9	628	986	63.7%	644	992	64.9%	2.5%
Hexachloroethane	< 19.9	249	493	50.5%	255	496	51.4%	2.4%
2,4-Dimethylphenol	< 19.9	297	493	60.2%	306	496	61.7%	3.0%
Benzoic Acid	< 199	662	1480	44.7%	843	1490	56.6%	24.1%
1,2,4-Trichlorobenzene	< 19.9	275	493	55.8%	281	496	56.7%	2.2%
Naphthalene	< 19.9	287	493	58.2%	296	496	59.7%	3.1%
Hexachlorobutadiene	< 19.9	298	493	60.4%	298	496	60.1%	0.0%
2-Methylnaphthalene	< 19.9	294	493	59.6%	295	496	59.5%	0.3%
Dimethylphthalate	< 19.9	336	493	68.2%	344	496	69.4%	2.4%
Acenaphthylene	< 19.9	326	493	66.1%	333	496	67.1%	2.1%
Acenaphthene	< 19.9	310	493	62.9%	320	496	64.5%	3.2%
Dibenzofuran	< 19.9	318	493	64.5%	327	496	65.9%	2.8%
Diethylphthalate	< 19.9	367	493	74.4%	377	496	76.0%	2.7%
Fluorene	< 19.9	337	493	68.4%	344	496	69.4%	2.1%
N-Nitrosodiphenylamine	< 19.9	340	493	69.0%	360	496	72.6%	5.7%
Hexachlorobenzene	< 19.9	334	493	67.7%	339	496	68.3%	1.5%
Pentachlorophenol	< 99.4	417	493	84.6%	420	496	84.7%	0.7%
Phenanthrene	< 19.9	365	493	74.0%	390	496	78.6%	6.6%
Anthracene	< 19.9	330	493	66.9%	341	496	68.8%	3.3%
Di-n-Butylphthalate	< 19.9	381	493	77.3%	383	496	77.2%	0.5%
Fluoranthene	28.6	456	493	86.7%	489	496	92.8%	7.0%
Pyrene	18.7	320	493	61.1%	333	496	63.4%	4.0%
Butylbenzylphthalate	< 19.9	313	493	63.5%	308	496	62.1%	1.6%
Benzo(a)anthracene	11.9	356	493	69.8%	361	496	70.4%	1.4%
bis(2-Ethylhexyl)phthalate	12.7	352	493	68.8%	367	496	71.4%	4.2%
Chrysene	22.7	382	493	72.9%	387	496	73.4%	1.3%
Di-n-Octyl phthalate	< 19.9	355	493	72.0%	358	496	72.2%	0.8%
Benzo(b)fluoranthene	14.1	409	493	80.1%	412	496	80.2%	0.7%
Benzo(k)fluoranthene	14.1	365	493	71.2%	374	496	72.6%	2.4%
Benzo(a)pyrene	12.3	341	493	66.7%	348	496	67.7%	2.0%
Indeno(1,2,3-cd)pyrene	< 19.9	327	493	66.3%	329	496	66.3%	0.6%
Dibenz(a,h)anthracene	< 19.9	345	493	70.0%	346	496	69.8%	0.3%
Benzo(g,h,i)perylene	< 19.9	296	493	60.0%	300	496	60.5%	1.3%
1-Methylnaphthalene	< 19.9	309	493	62.7%	321	496	64.7%	3.8%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: LCS-060809
LAB CONTROL

Lab Sample ID: LCS-060809
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:44
Instrument/Analyst: NT6/LJR
GPC Cleanup: YES

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Phenol	296	500	59.2%
1,3-Dichlorobenzene	261	500	52.2%
1,4-Dichlorobenzene	265	500	53.0%
Benzyl Alcohol	537	1000	53.7%
1,2-Dichlorobenzene	265	500	53.0%
2-Methylphenol	276	500	55.2%
4-Methylphenol	588	1000	58.8%
Hexachloroethane	259	500	51.8%
2,4-Dimethylphenol	224	500	44.8%
Benzoic Acid	980	1500	65.3%
1,2,4-Trichlorobenzene	264	500	52.8%
Naphthalene	275	500	55.0%
Hexachlorobutadiene	275	500	55.0%
2-Methylnaphthalene	277	500	55.4%
Dimethylphthalate	299	500	59.8%
Acenaphthylene	301	500	60.2%
Acenaphthene	281	500	56.2%
Dibenzofuran	295	500	59.0%
Diethylphthalate	366	500	73.2%
Fluorene	302	500	60.4%
N-Nitrosodiphenylamine	315	500	63.0%
Hexachlorobenzene	308	500	61.6%
Pentachlorophenol	327	500	65.4%
Phenanthrene	322	500	64.4%
Anthracene	295	500	59.0%
Di-n-Butylphthalate	345	500	69.0%
Fluoranthene	339	500	67.8%
Pyrene	328	500	65.6%
Butylbenzylphthalate	337	500	67.4%
Benzo(a)anthracene	313	500	62.6%
bis(2-Ethylhexyl)phthalate	345	500	69.0%
Chrysene	328	500	65.6%
Di-n-Octyl phthalate	319	500	63.8%
Benzo(b)fluoranthene	331	500	66.2%
Benzo(k)fluoranthene	336	500	67.2%
Benzo(a)pyrene	294	500	58.8%
Indeno(1,2,3-cd)pyrene	357	500	71.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: LCS-060809**
 LAB CONTROL

Lab Sample ID: LCS-060809 QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
LIMS ID: 09-12733 Project: JELD-WEN NORD DOOR
Matrix: Sediment
Date Analyzed: 06/15/09 15:44

Analyte	Lab Control	Spike Added	Recovery
Dibenz(a,h)anthracene	370	500	74.0%
Benzo(g,h,i)perylene	363	500	72.6%
1-Methylnaphthalene	303	500	60.6%

Semivolatile Surrogate Recovery	
d5-Nitrobenzene	54.4%
2-Fluorobiphenyl	57.2%
d14-p-Terphenyl	65.2%
d4-1,2-Dichlorobenzene	53.2%
d5-Phenol	58.9%
2-Fluorophenol	55.2%
2,4,6-Tribromophenol	62.4%
d4-2-Chlorophenol	55.7%

Results reported in µg/kg

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB35MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Lab File ID: PB35MB Date Extracted: 06/08/09

Instrument ID: NT6 Date Analyzed: 06/15/09

Matrix: SOLID Time Analyzed: 1511

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PB35LCSS1	PB35LCSS1	PB35SB	06/15/09
02	3SED1-A	PB35A	PB35A	06/15/09
03	3SED1-B	PB35C	PB35C	06/15/09
04	3SED1-C	PB35E	PB35E	06/15/09
05	3SED2-A	PB35G	PB35G	06/15/09
06	3SED2-B	PB35I	PB35I	06/15/09
07	3SED2-C	PB35J	PB35J	06/15/09
08	3SED11-A	PB35K	PB35K	06/15/09
09	3SED11-B	PB35M	PB35M	06/15/09
10	3SED12-A	PB35O	PB35O	06/15/09
11	3SED12-B	PB35Q	PB35Q	06/15/09
12	3SED12-B MS	PB35QMS	PB35QMS	06/15/09
13	3SED12-B MSD	PB35QMSD	PB35QMD	06/15/09
14	3SED1-C	PB35E	PB35EDL	06/16/09
15	3SED2-A	PB35G	PB35GDL	06/16/09
16	3SED2-C	PB35J	PB35JDL	06/16/09
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30				

COMMENTS:

FORM IV SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT6 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 06/11/09 DFTPP Injection Time: 1027

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	57.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	65.7
70	Less than 2.0% of mass 69	0.3 (0.5)1
127	25.0 - 75.0% of mass 198	51.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.0
275	10.0 - 30.0% of mass 198	22.5
365	Greater than 0.75% of mass 198	3.77
441	Present, but less than mass 443	9.1
442	40.0 - 110.0% of mass 198	57.5
443	15.0 - 24.0% of mass 442	12.4 (21.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN 25	ABN 25	0250611	06/11/09	1027
02	ABN 80	ABN 80	0800611	06/11/09	1104
03	ABN 40	ABN 40	0400611	06/11/09	1210
04	ABN 10	ABN 10	0100611	06/11/09	1315
05	ABN 1	ABN 1	0010611A	06/11/09	1348
06	ABN 5	ABN 5	0050611A	06/11/09	1421
07					
08					
09					
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22					

FORM V SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT6 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 06/15/09 DFTPP Injection Time: 1439

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	60.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	67.3
70	Less than 2.0% of mass 69	0.3 (0.4)1
127	25.0 - 75.0% of mass 198	52.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	25.0
365	Greater than 0.75% of mass 198	3.15
441	Present, but less than mass 443	9.5
442	40.0 - 110.0% of mass 198	63.1
443	15.0 - 24.0% of mass 442	12.0 (18.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN CCAL	ABN 25	CC0615	06/15/09	1439
02	PB35MBS1	PB35MBS1	PB35MB	06/15/09	1511
03	PB35LCSS1	PB35LCSS1	PB35SB	06/15/09	1544
04	3SED1-A	PB35A	PB35A	06/15/09	1617
05	3SED1-B	PB35C	PB35C	06/15/09	1649
06	3SED1-C	PB35E	PB35E	06/15/09	1722
07	3SED2-A	PB35G	PB35G	06/15/09	1755
08	3SED2-B	PB35I	PB35I	06/15/09	1827
09	3SED2-C	PB35J	PB35J	06/15/09	1900
10	3SED11-A	PB35K	PB35K	06/15/09	1933
11	3SED11-B	PB35M	PB35M	06/15/09	2006
12	3SED12-A	PB35O	PB35O	06/15/09	2038
13	3SED12-B	PB35Q	PB35Q	06/15/09	2111
14	3SED12-B MS	PB35QMS	PB35QMS	06/15/09	2144
15	3SED12-B MSD	PB35QMSD	PB35QMD	06/15/09	2216
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22					

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT6 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 06/16/09 DFTPP Injection Time: 1154

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	58.7
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	64.8
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	25.0 - 75.0% of mass 198	52.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	25.3
365	Greater than 0.75% of mass 198	3.69
441	Present, but less than mass 443	9.4
442	40.0 - 110.0% of mass 198	62.2
443	15.0 - 24.0% of mass 442	11.7 (18.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN CCAL	ABN 25	CC0616	06/16/09	1154
02	3SED1-C	PB35E	PB35EDL	06/16/09	1934
03	3SED2-A	PB35G	PB35GDL	06/16/09	2008
04	3SED2-C	PB35J	PB35JDL	06/16/09	2041
05					
06					
07					
08					
09					
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FORM V SV

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: 0250611 Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/15/09

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
	ICAL MIDPT	112389		7.13		384492		9.19		217478		12.03	
	UPPER LIMIT	224778		7.63		768984		9.69		434956		12.53	
	LOWER LIMIT	56194		6.63		192246		8.69		108739		11.53	
	Sample ID												
00	CC0615	104405		6.85		355513		8.92		202417		11.75	
01	PB35MBS1	110400		6.84		392139		8.91		222347		11.75	
02	PB35LCSS1	112380		6.85		386151		8.91		218272		11.75	
03	3SED1-A	105958		6.85		372631		8.91		197262		11.75	
04	3SED1-B	98781		6.85		350265		8.91		183034		11.74	
05	3SED1-C	119316		6.85		410593		8.91		214428		11.75	
06	3SED2-A	101083		6.85		346954		8.92		180284		11.75	
07	3SED2-B	103370		6.86		355417		8.92		187759		11.75	
08	3SED2-C	99486		6.85		333563		8.92		177098		11.75	
09	3SED11-A	95865		6.85		333431		8.92		180927		11.75	
10	3SED11-B	98905		6.85		342831		8.92		183391		11.75	
11	3SED12-A	97140		6.85		334222		8.92		181520		11.75	
12	3SED12-B	97553		6.85		338723		8.92		183167		11.75	
13	3SED12-B MS	96172		6.85		324649		8.92		180778		11.75	
14	3SED12-B MSD	95622		6.85		322805		8.92		176907		11.75	
15													
16													
17													
18													
19													
20													
21													
22													

IS1 = 1,4-Dichlorobenzene-d4
IS2 = Naphthalene-d8
IS3 = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-1

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: PB35QMD Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/15/09

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	ICAL MIDPT	336594	14.38	247160	18.66	232938	20.78
	UPPER LIMIT	673188	14.88	494320	19.16	465876	21.28
	LOWER LIMIT	168297	13.88	123580	18.16	116469	20.28
	Sample ID						
00	CC0615	315595	14.08	262370	18.34	252054	20.45
01	PB35MBS1	345115	14.07	286250	18.33	310083	20.45
02	PB35LCSS1	338128	14.08	272139	18.33	279055	20.45
03	3SED1-A	285126	14.08	316667	18.33	421627	20.47
04	3SED1-B	263584	14.08	322443	18.34	451629	20.48
05	3SED1-C	308954	14.08	392155	18.34	543124*	20.48
06	3SED2-A	279330	14.09	370825	18.34	476053*	20.49
07	3SED2-B	275848	14.09	351575	18.34	451099	20.47
08	3SED2-C	284499	14.09	407761	18.35	532974*	20.49
09	3SED11-A	281706	14.08	347886	18.34	387578	20.47
10	3SED11-B	282229	14.08	327367	18.34	372963	20.46
11	3SED12-A	266349	14.09	306748	18.34	347765	20.46
12	3SED12-B	286289	14.09	331388	18.34	359439	20.47
13	3SED12-B MS	292231	14.09	340703	18.35	348937	20.46
14	3SED12-B MSD	281832	14.09	333282	18.34	351775	20.47
15							
16							
17							
18							
19							
20							
21							
22							

IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-2

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: PB35QMD Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/15/09

		IS7 AREA #	RT #	AREA #	RT #	AREA #	RT #
	ICAL MIDPT	347036	19.89				
	UPPER LIMIT	694072	20.39				
	LOWER LIMIT	173518	19.39				
	Sample ID						
00	CC0615	373565	19.60				
01	PB35MBS1	428866	19.60				
02	PB35LCSS1	401277	19.60				
03	3SED1-A	503051	19.60				
04	3SED1-B	509732	19.61				
05	3SED1-C	622089	19.61				
06	3SED2-A	575490	19.61				
07	3SED2-B	537995	19.61				
08	3SED2-C	623744	19.62				
09	3SED11-A	506501	19.61				
10	3SED11-B	470586	19.60				
11	3SED12-A	432739	19.60				
12	3SED12-B	471536	19.60				
13	3SED12-B MS	486713	19.60				
14	3SED12-B MSD	469227	19.61				
15							
16							
17							
18							
19							
20							
21							
22							

IS7 = Di-n-octylphthalate-d4

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-3

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: 0250611 Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/16/09

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
	ICAL MIDPT	112389		7.13		384492		9.19		217478		12.03	
	UPPER LIMIT	224778		7.63		768984		9.69		434956		12.53	
	LOWER LIMIT	56194		6.63		192246		8.69		108739		11.53	
	Sample ID												
00	CC0616	105993		6.73		373044		8.80		215201		11.64	
01	3SED1-C	91915		6.74		293032		8.80		166948		11.64	
02	3SED2-A	104512		6.73		338678		8.81		198801		11.64	
03	3SED2-C	102594		6.74		333632		8.80		191375		11.64	
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 = 1,4-Dichlorobenzene-d4
IS2 = Naphthalene-d8
IS3 = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-1

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: PB35JDL Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/16/09

		IS4(PHN)			IS5(CRY)			IS6(PRY)	
		AREA	#	RT	#	AREA	#	RT	#	AREA	#	RT	#
	ICAL MIDPT	336594		14.38		247160		18.66		232938		20.78	
	UPPER LIMIT	673188		14.88		494320		19.16		465876		21.28	
	LOWER LIMIT	168297		13.88		123580		18.16		116469		20.28	
	Sample ID												
00	CC0616	347222		13.96		286167		18.21		253361		20.32	
01	3SED1-C	254038		13.97		229368		18.22		170064		20.34	
02	3SED2-A	300665		13.97		240129		18.22		175873		20.34	
03	3SED2-C	293654		13.97		231718		18.21		159041		20.34	
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-2

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: PB35JDL Ical Date: 06/11/09

Instrument ID: NT6 Cont. Cal Date: 06/16/09

		IS7 AREA #	RT #	AREA #	RT #	AREA #	RT #
	ICAL MIDPT	347036	19.89				
	UPPER LIMIT	694072	20.39				
	LOWER LIMIT	173518	19.39				
	Sample ID						
00	CC0616	401133	19.49				
01	3SED1-C	339657	19.49				
02	3SED2-A	353536	19.49				
03	3SED2-C	333979	19.49				
04							
05							
06							
07							
08							
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10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS7 = Di-n-octylphthalate-d4

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-3

Semivolatile Analysis
Sample Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED1-A
SAMPLE

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 16:17
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 37.1%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	59	< 59 U
541-73-1	1,3-Dichlorobenzene	59	< 59 U
106-46-7	1,4-Dichlorobenzene	59	< 59 U
100-51-6	Benzyl Alcohol	59	< 59 U
95-50-1	1,2-Dichlorobenzene	59	< 59 U
95-48-7	2-Methylphenol	59	< 59 U
106-44-5	4-Methylphenol	59	< 59 U
67-72-1	Hexachloroethane	59	< 59 U
105-67-9	2,4-Dimethylphenol	59	< 59 U
65-85-0	Benzoic Acid	590	< 590 U
120-82-1	1,2,4-Trichlorobenzene	59	< 59 U
91-20-3	Naphthalene	59	< 59 U
87-68-3	Hexachlorobutadiene	59	< 59 U
91-57-6	2-Methylnaphthalene	59	< 59 U
131-11-3	Dimethylphthalate	59	< 59 U
208-96-8	Acenaphthylene	59	< 59 U
83-32-9	Acenaphthene	59	< 59 U
132-64-9	Dibenzofuran	59	< 59 U
84-66-2	Diethylphthalate	59	< 59 U
86-73-7	Fluorene	59	< 59 U
86-30-6	N-Nitrosodiphenylamine	59	< 59 U
118-74-1	Hexachlorobenzene	59	< 59 U
87-86-5	Pentachlorophenol	300	< 300 U
85-01-8	Phenanthrene	59	< 59 U
120-12-7	Anthracene	59	< 59 U
84-74-2	Di-n-Butylphthalate	59	< 59 U
206-44-0	Fluoranthene	59	< 59 U
129-00-0	Pyrene	59	< 59 U
85-68-7	Butylbenzylphthalate	59	< 59 U
56-55-3	Benzo(a)anthracene	59	< 59 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**59**	**56 J**
218-01-9	**Chrysene**	**59**	**36 J**
117-84-0	Di-n-Octyl phthalate	59	< 59 U
205-99-2	Benzo(b)fluoranthene	59	< 59 U
207-08-9	Benzo(k)fluoranthene	59	< 59 U
50-32-8	Benzo(a)pyrene	59	< 59 U
193-39-5	Indeno(1,2,3-cd)pyrene	59	< 59 U
53-70-3	Dibenz(a,h)anthracene	59	< 59 U
191-24-2	Benzo(g,h,i)perylene	59	< 59 U
90-12-0	1-Methylnaphthalene	59	< 59 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	63.6%	2-Fluorobiphenyl	71.5%
d14-p-Terphenyl	56.0%	d4-1,2-Dichlorobenzene	53.9%
d5-Phenol	68.2%	2-Fluorophenol	64.4%
2,4,6-Tribromophenol	67.6%	d4-2-Chlorophenol	67.6%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35a.d
Lab Smp Id: PB35A Client Smp ID: 3SED1-A
Inj Date : 15-JUN-2009 16:17
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35A,3
Misc Info : 09-12717
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 4
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	40.30000	Weight of sample extracted (g)
M	37.10000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.799	4.782	(0.701)	70298	8.04732	476.2
$	2 Phenol-d5	99	6.561	6.534	(0.958)	100104	8.53346	505.0
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.561	6.555	(0.958)	60384	8.44732	499.9
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.850	6.849	(1.000)	105958	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.149	7.148	(1.044)	23708	4.49339	265.9
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15	4-Methylphenol	108	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	7.806	7.810	(0.876)	60637	5.29854	313.5
	19	Nitrobenzene	77	Compound Not Detected.					
	20	Isophorone	82	Compound Not Detected.					
	21	2-Nitrophenol	139	Compound Not Detected.					
	22	2,4-Dimethylphenol	107	Compound Not Detected.					
	23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24	Benzoic acid	105	Compound Not Detected.					
	25	2,4-Dichlorophenol	162	Compound Not Detected.					
	26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27	Naphthalene-d8	136	8.911	8.916	(1.000)	372631	20.0000	
	28	Naphthalene	128	Compound Not Detected.					
	29	4-Chloroaniline	127	Compound Not Detected.					
	30	Hexachlorobutadiene	225	Compound Not Detected.					
	31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32	2-Methylnaphthalene	141	Compound Not Detected.					
	33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36	2-Fluorobiphenyl	172	10.727	10.732	(0.913)	87376	5.96334	352.9
	37	2-Chloronaphthalene	162	Compound Not Detected.					
	38	2-Nitroaniline	65	Compound Not Detected.					
	39	Dimethylphthalate	163	Compound Not Detected.					
	40	Acenaphthylene	152	Compound Not Detected.					
	41	2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42	Acenaphthene-d10	164	11.747	11.747	(1.000)	197262	20.0000	
	43	3-Nitroaniline	138	Compound Not Detected.					
	44	Acenaphthene	153	Compound Not Detected.					
	45	2,4-Dinitrophenol	184	Compound Not Detected.					
	46	Dibenzofuran	168	Compound Not Detected.					
	47	4-Nitrophenol	109	Compound Not Detected.					
	48	2,4-Dinitrotoluene	165	Compound Not Detected.					
	50	Diethylphthalate	149	Compound Not Detected.					
	49	Fluorene	166	Compound Not Detected.					
	51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52	4-Nitroaniline	138	Compound Not Detected.					
	53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55	2,4,6-Tribromophenol	330	13.024	13.034	(1.109)	15897	8.45188	500.1
	56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57	Hexachlorobenzene	284	Compound Not Detected.					
	58	Pentachlorophenol	266	Compound Not Detected.					
*	59	Phenanthrene-d10	188	14.076	14.081	(1.000)	285126	20.0000	
	60	Phenanthrene	178	Compound Not Detected.					
	61	Anthracene	178	Compound Not Detected.					
	62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	Compound Not Detected.					
65	Pyrene	202	Compound Not Detected.					
$ 66	Terphenyl-d14	244	16.725	16.730	(0.913)	78921	4.66614	276.1
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.327	18.338	(1.000)	316667	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.365	18.375	(1.002)	13496	0.60306 PL	35.69
72	bis(2-Ethylhexyl)phthalate	149	18.675	18.674	(0.953)	14807	0.94903	56.16
* 134	Di-n-octylphthalate-d4	153	19.604	19.603	(1.000)	503051	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	Compound Not Detected.					
75	Benzo(k)fluoranthene	252	Compound Not Detected.					
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	20.469	20.453	(1.000)	421627	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35a.d
Lab Smp Id: PB35A
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12717

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED1-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	105958	-5.72
27 Naphthalene-d8	384492	192246	768984	372631	-3.08
42 Acenaphthene-d10	217478	108739	434956	197262	-9.30
59 Phenanthrene-d10	336594	168297	673188	285126	-15.29
69 Chrysene-d12	247160	123580	494320	316667	28.12
134 Di-n-octylphthala	347036	173518	694072	503051	44.96
77 Perylene-d12	232938	116469	465876	421627	81.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.01
27 Naphthalene-d8	8.92	8.42	9.42	8.91	-0.05
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.00
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	-0.03
69 Chrysene-d12	18.34	17.84	18.84	18.33	-0.06
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	0.00
77 Perylene-d12	20.45	19.95	20.95	20.47	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35A
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12717

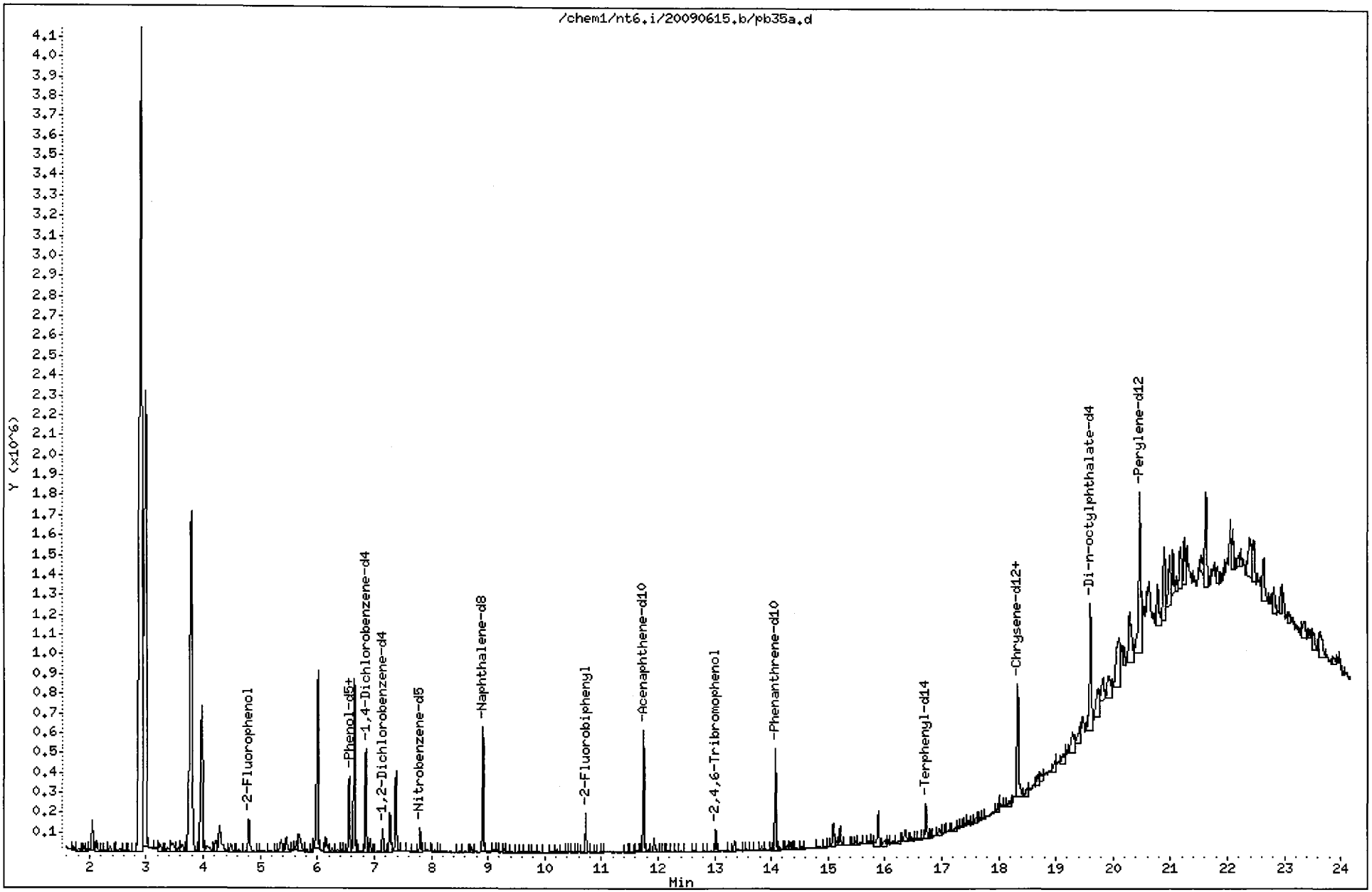
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED1-A
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	739.7	476.2	64.38	21-100
$ 2 Phenol-d5	739.7	505.0	68.27	10-100
$ 5 2-Chlorophenol-d4	739.7	499.9	67.58	30-100
$ 10 1,2-Dichlorobenzen	493.1	265.9	53.92	24-100
$ 18 Nitrobenzene-d5	493.1	313.5	63.58	26-100
$ 36 2-Fluorobiphenyl	493.1	352.9	71.56	32-100
$ 55 2,4,6-Tribromophen	739.7	500.1	67.62	33-118
$ 66 Terphenyl-d14	493.1	276.1	55.99	21-97

Data File: /chem1/nt6.i/20090615.b/pb35a.d
Date : 15-JUN-2009 16:17
Client ID: 3SED1-A
Sample Info: PB35A,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

PB35:060116



Data File: /chem1/nt6.i/20090615.b/pb35a.d

Date : 15-JUN-2009 16:17

Client ID: 3SED1-A

Instrument: nt6.i

Sample Info: PB35A,3

Volume Injected (uL): 1.0

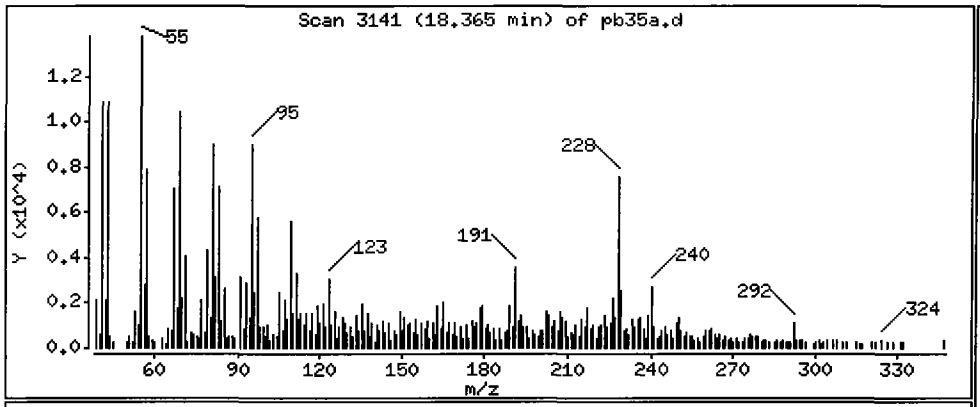
Operator: LJR/VTS

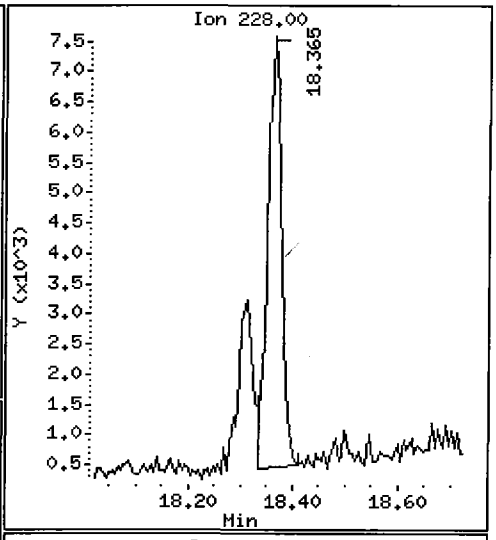
Column phase: ZB-5

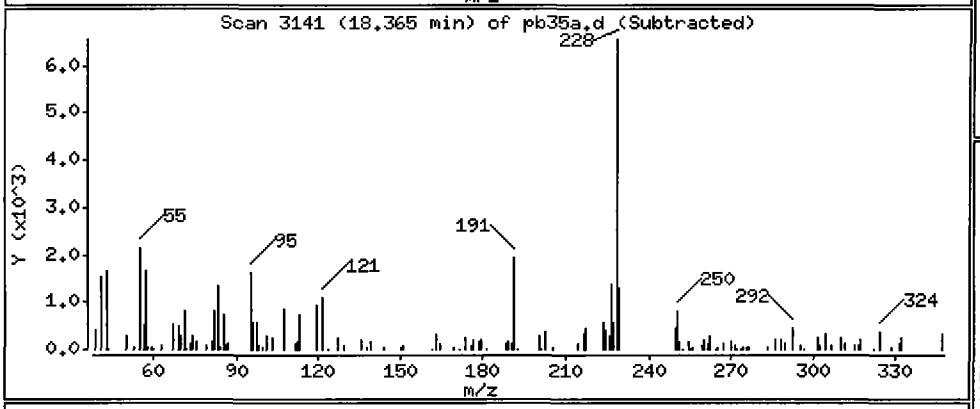
Column diameter: 0.32

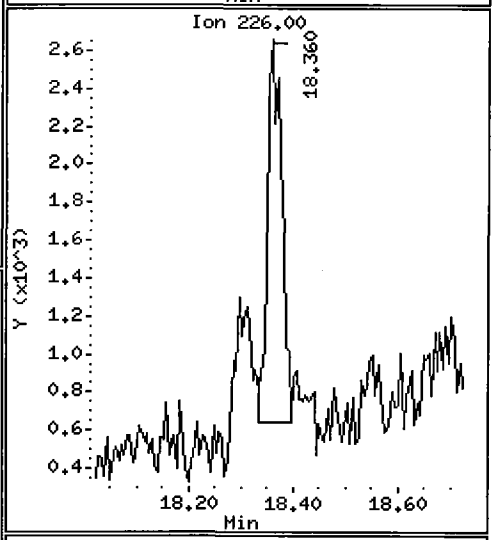
71 Chrysene

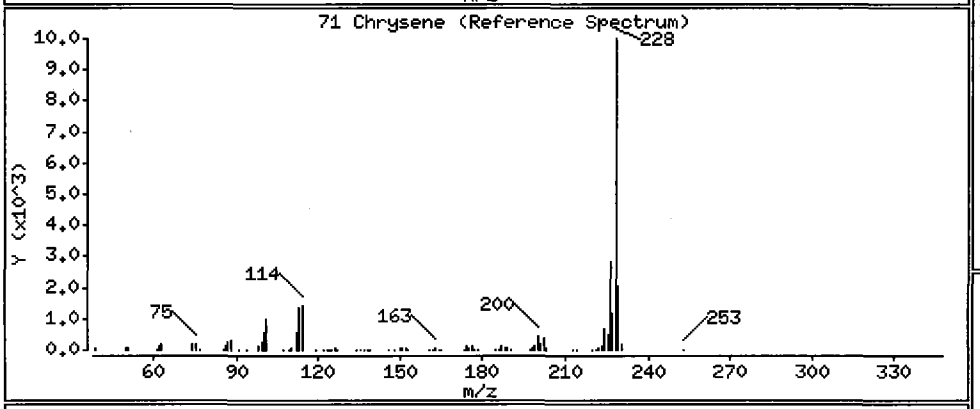
Concentration: 35.69 ug/kg

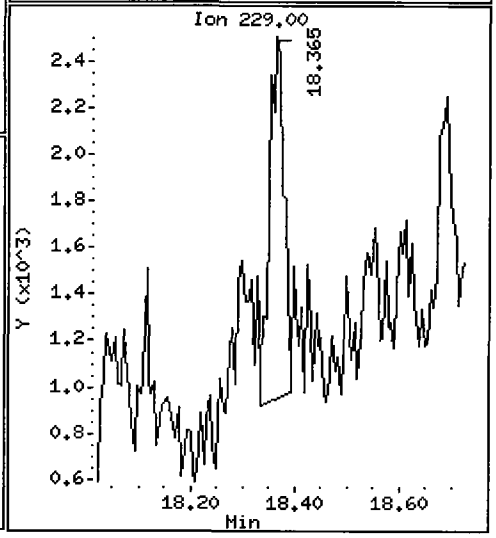


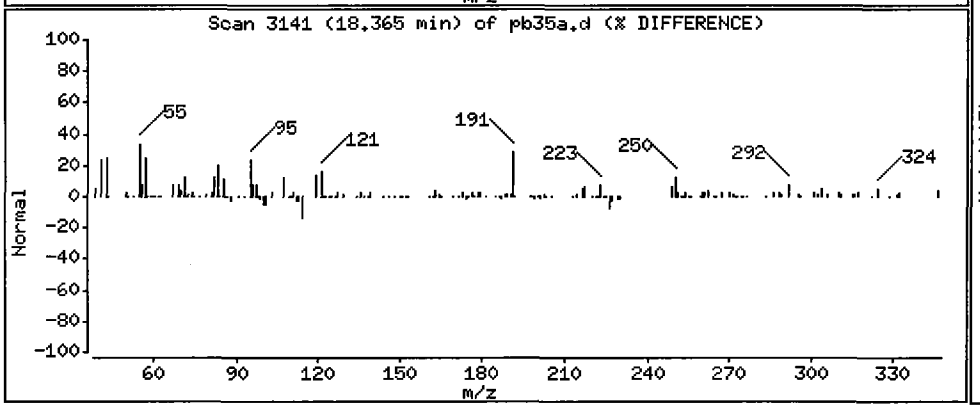












Data File: /chem1/nt6.i/20090615.b/pb35a.d

Date : 15-JUN-2009 16:17

Client ID: 3SED1-A

Instrument: nt6.i

Sample Info: PB35A,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

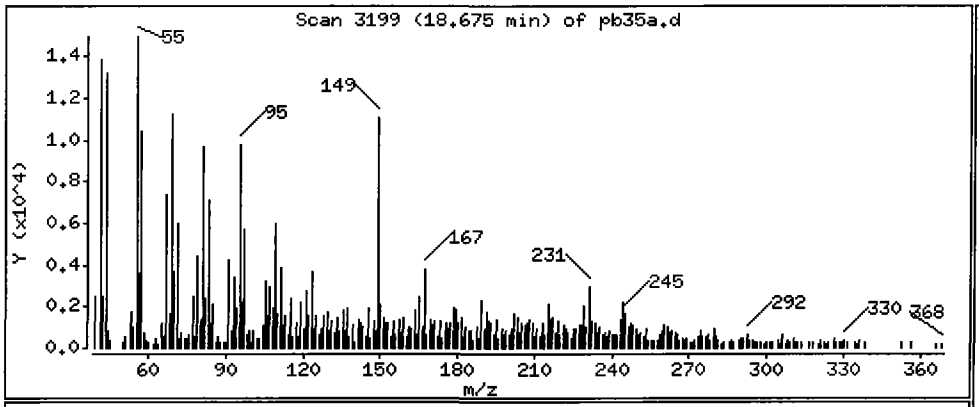
Column phase: ZB-5

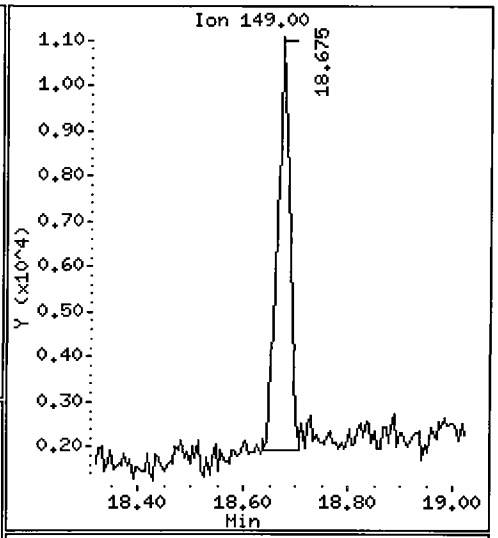
Column diameter: 0.32

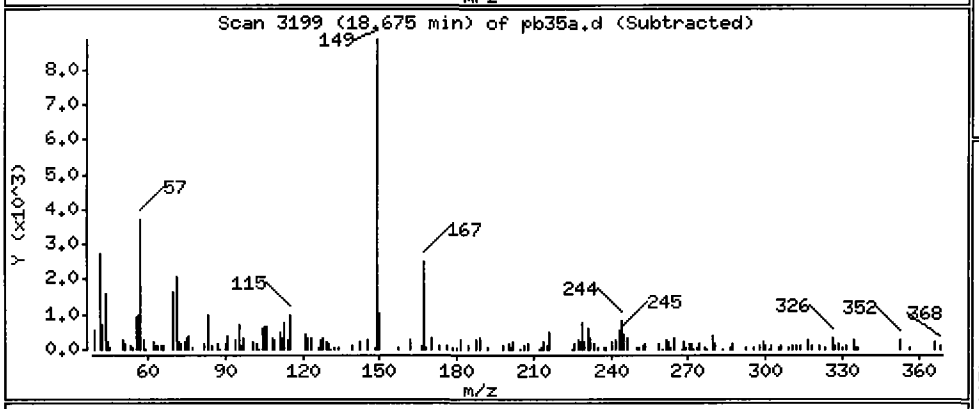
72 bis(2-Ethylhexyl)phthalate

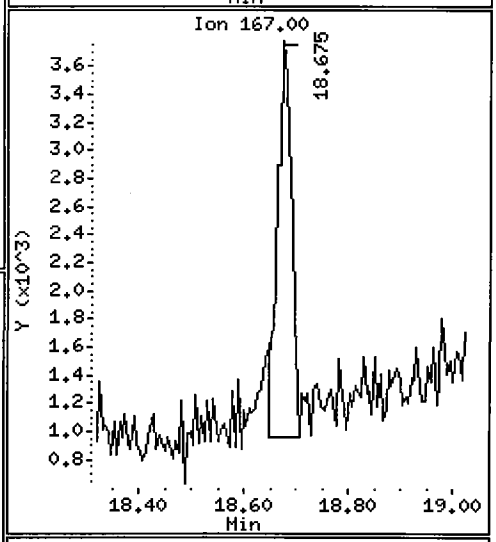
Concentration: 56.16 ug/kg

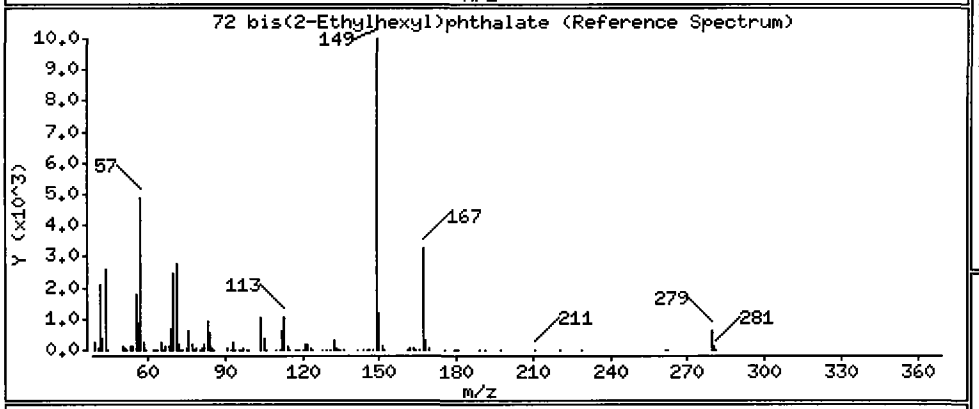
LJR

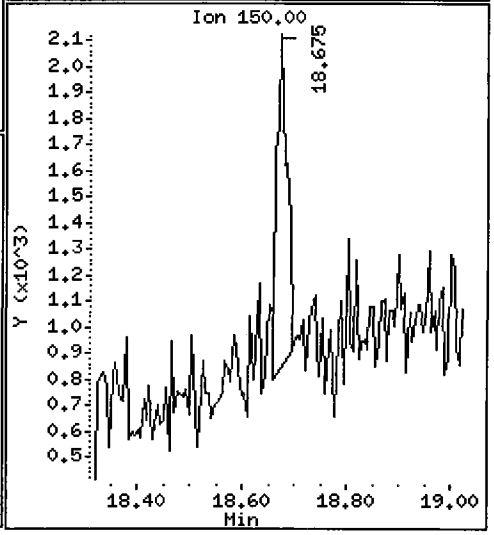


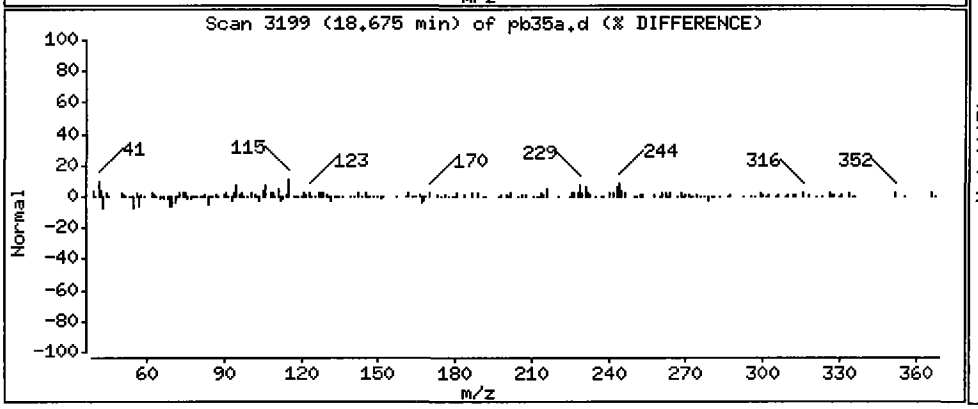












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED1-B
SAMPLE

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 16:49
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 43.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	59	< 59 U
541-73-1	1,3-Dichlorobenzene	59	< 59 U
106-46-7	1,4-Dichlorobenzene	59	< 59 U
100-51-6	Benzyl Alcohol	59	< 59 U
95-50-1	1,2-Dichlorobenzene	59	< 59 U
95-48-7	2-Methylphenol	59	< 59 U
106-44-5	4-Methylphenol	59	< 59 U
67-72-1	Hexachloroethane	59	< 59 U
105-67-9	2,4-Dimethylphenol	59	< 59 U
65-85-0	Benzoic Acid	590	< 590 U
120-82-1	1,2,4-Trichlorobenzene	59	< 59 U
91-20-3	Naphthalene	59	< 59 U
87-68-3	Hexachlorobutadiene	59	< 59 U
91-57-6	2-Methylnaphthalene	59	< 59 U
131-11-3	Dimethylphthalate	59	< 59 U
208-96-8	Acenaphthylene	59	< 59 U
83-32-9	Acenaphthene	59	< 59 U
132-64-9	Dibenzofuran	59	< 59 U
84-66-2	Diethylphthalate	59	< 59 U
86-73-7	Fluorene	59	< 59 U
86-30-6	N-Nitrosodiphenylamine	59	< 59 U
118-74-1	Hexachlorobenzene	59	< 59 U
87-86-5	Pentachlorophenol	290	< 290 U
85-01-8	**Phenanthrene**	**59**	**33 J**
120-12-7	Anthracene	59	< 59 U
84-74-2	Di-n-Butylphthalate	59	< 59 U
206-44-0	**Fluoranthene**	**59**	**74**
129-00-0	**Pyrene**	**59**	**53 J**
85-68-7	Butylbenzylphthalate	59	< 59 U
56-55-3	**Benzo(a)anthracene**	**59**	**31 J**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**59**	**89**
218-01-9	**Chrysene**	**59**	**54 J**
117-84-0	Di-n-Octyl phthalate	59	< 59 U
205-99-2	**Benzo(b)fluoranthene**	**59**	**28 J**
207-08-9	**Benzo(k)fluoranthene**	**59**	**28 J**
50-32-8	**Benzo(a)pyrene**	**59**	**31 J**
193-39-5	Indeno(1,2,3-cd)pyrene	59	< 59 U
53-70-3	Dibenz(a,h)anthracene	59	< 59 U
191-24-2	**Benzo(g,h,i)perylene**	**59**	**31 J**
90-12-0	1-Methylnaphthalene	59	< 59 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	79.4%	2-Fluorobiphenyl	92.9%
d14-p-Terphenyl	71.4%	d4-1,2-Dichlorobenzene	71.6%
d5-Phenol	88.0%	2-Fluorophenol	84.0%
2,4,6-Tribromophenol	88.0%	d4-2-Chlorophenol	84.0%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35c.d
Lab Smp Id: PB35C Client Smp ID: 3SED1-B
Inj Date : 15-JUN-2009 16:49
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35C,3
Misc Info : 09-12719
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 5
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	45.10000	Weight of sample extracted (g)
M	43.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.806	4.782	(0.701)	85835	10.5398	618.3
$	2 Phenol-d5	99	6.580	6.534	(0.960)	120157	10.9871	644.5
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.564	6.555	(0.958)	70093	10.5180	617.0
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.852	6.849	(1.000)	98781	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.151	7.148	(1.044)	29362	5.96932	350.2
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	7.808	7.810	(0.876)	71261	6.62449	388.6
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.914	8.916	(1.000)	350265	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.730	10.732	(0.914)	105273	7.74330	454.2
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.744	11.747	(1.000)	183034	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.032	13.034	(1.110)	19269	11.0410	647.7
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.078	14.081	(1.000)	263584	20.0000	
	60 Phenanthrene	178	14.116	14.118	(1.003)	9615	0.57471 LDL	33.71
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.017	16.025	(1.138)	21724	1.27185	74.60
65	Pyrene	202	16.359	16.361	(0.892)	24048	0.90026 LDL	52.81
$ 66	Terphenyl-d14	244	16.733	16.730	(0.913)	102515	5.95254	349.2
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.314	18.311	(0.999)	12610	0.52986 LDL	31.08
* 69	Chrysene-d12	240	18.335	18.338	(1.000)	322443	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.373	18.375	(1.002)	21123	0.92696 LDL	54.37
72	bis(2-Ethylhexyl)phthalate	149	18.677	18.674	(0.953)	24013	1.51891	89.10
* 134	Di-n-octylphthalate-d4	153	19.606	19.603	(1.000)	509732	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.959	19.945	(0.975)	31594	0.96536 >T	56.63(M) 0.476
75	Benzo(k)fluoranthene	252	19.959	19.977	(0.975)	31594	0.93988	55.13(M) 0.476
76	Benzo(a)pyrene	252	20.386	20.378	(0.996)	15828	0.53426 LDL	31.34
* 77	Perylene-d12	264	20.477	20.453	(1.000)	451629	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	22.111	22.087	(1.080)	18437	0.53416 LDL	31.33
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35c.d
Lab Smp Id: PB35C
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12719

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED1-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	98781	-12.11
27 Naphthalene-d8	384492	192246	768984	350265	-8.90
42 Acenaphthene-d10	217478	108739	434956	183034	-15.84
59 Phenanthrene-d10	336594	168297	673188	263584	-21.69
69 Chrysene-d12	247160	123580	494320	322443	30.46
134 Di-n-octylphthala	347036	173518	694072	509732	46.88
77 Perylene-d12	232938	116469	465876	451629	93.88

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.04
27 Naphthalene-d8	8.92	8.42	9.42	8.91	-0.03
42 Acenaphthene-d10	11.75	11.25	12.25	11.74	-0.02
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	-0.02
69 Chrysene-d12	18.34	17.84	18.84	18.34	-0.01
134 Di-n-octylphthala	19.60	19.10	20.10	19.61	0.02
77 Perylene-d12	20.45	19.95	20.95	20.48	0.12

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35C
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12719

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED1-B
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

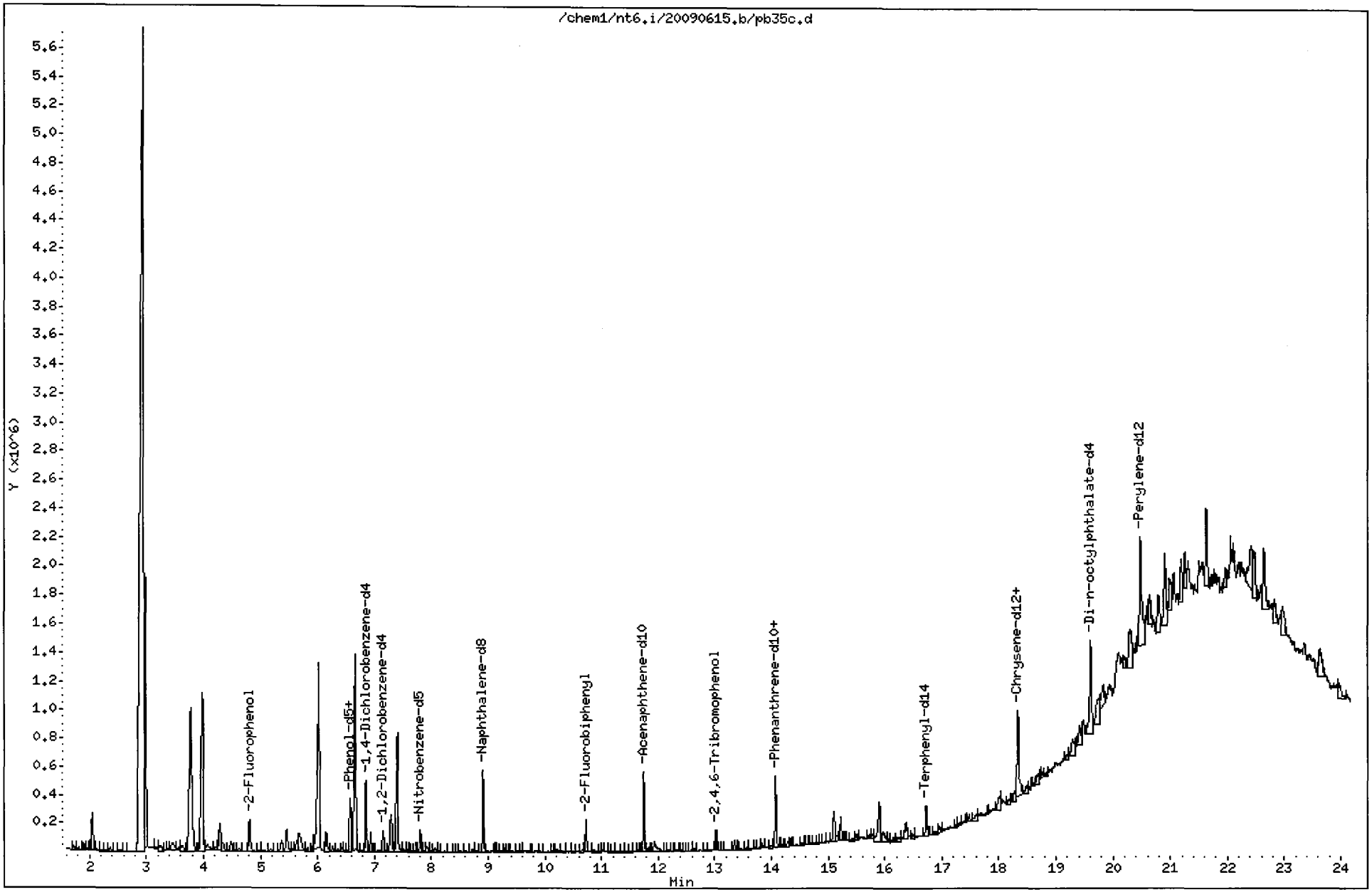
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	733.2	618.3	84.32	21-100
$ 2 Phenol-d5	733.2	644.5	87.90	10-100
$ 5 2-Chlorophenol-d4	733.2	617.0	84.14	30-100
$ 10 1,2-Dichlorobenzen	488.8	350.2	71.63	24-100
$ 18 Nitrobenzene-d5	488.8	388.6	79.49	26-100
$ 36 2-Fluorobiphenyl	488.8	454.2	92.92	32-100
$ 55 2,4,6-Tribromophen	733.2	647.7	88.33	33-118
$ 66 Terphenyl-d14	488.8	349.2	71.43	21-97

Data File: /chem1/nt6.i/20090615.b/pb35c.d
Date : 15-JUN-2009 16:49
Client ID: 3SED1-B
Sample Info: PB35C,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

PB35:60155



Data File: /chem1/nt6.i/20090615.b/pb35c.d

Date : 15-JUN-2009 16:49

Client ID: 3SED1-B

Instrument: nt6.i

Sample Info: PB35C,3

Volume Injected (uL): 1.0

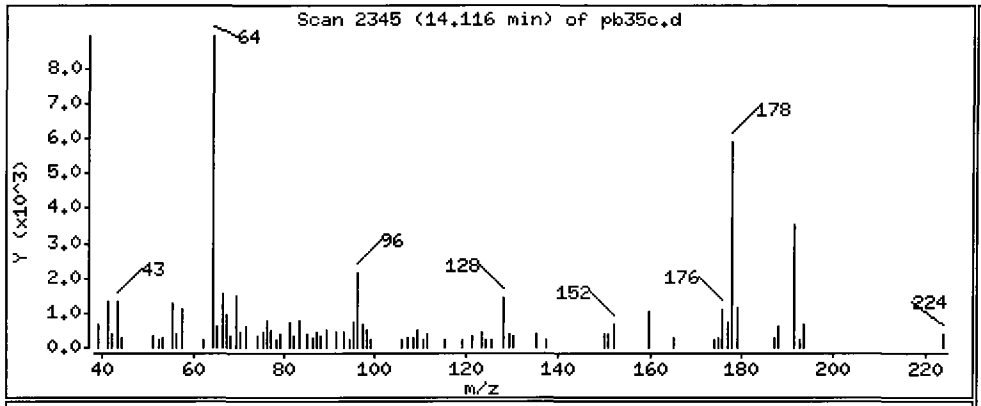
Operator: LJR/VTS

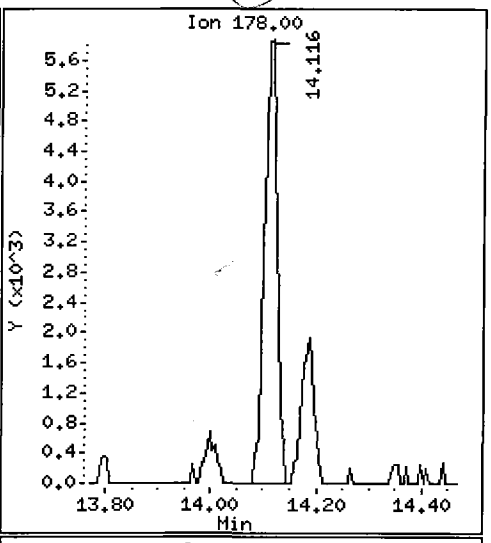
Column phase: ZB-5

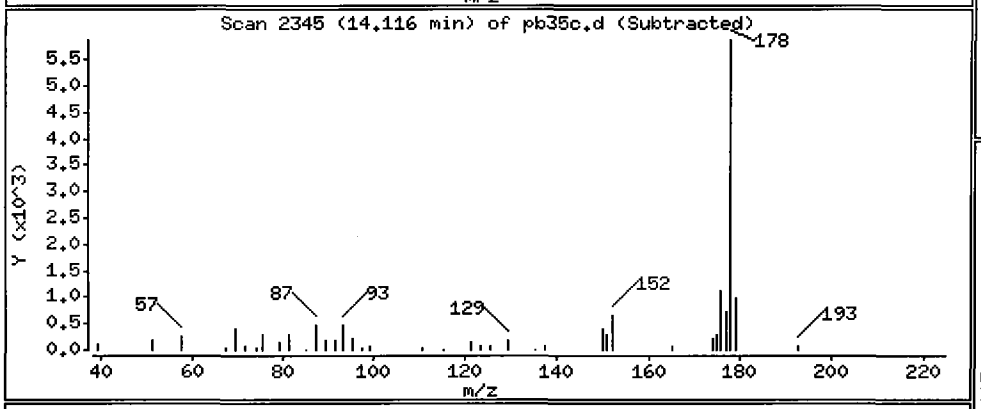
Column diameter: 0.32

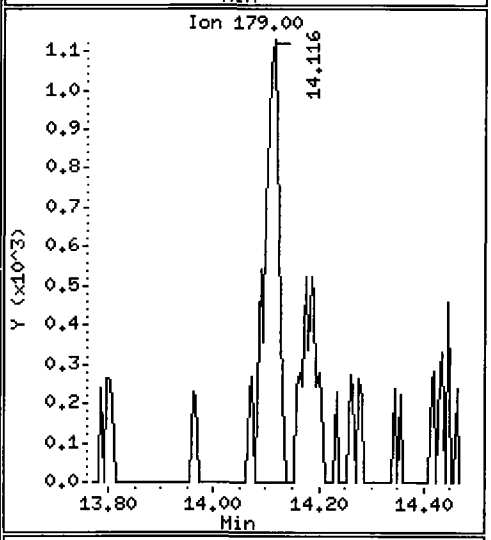
60 Phenanthrene

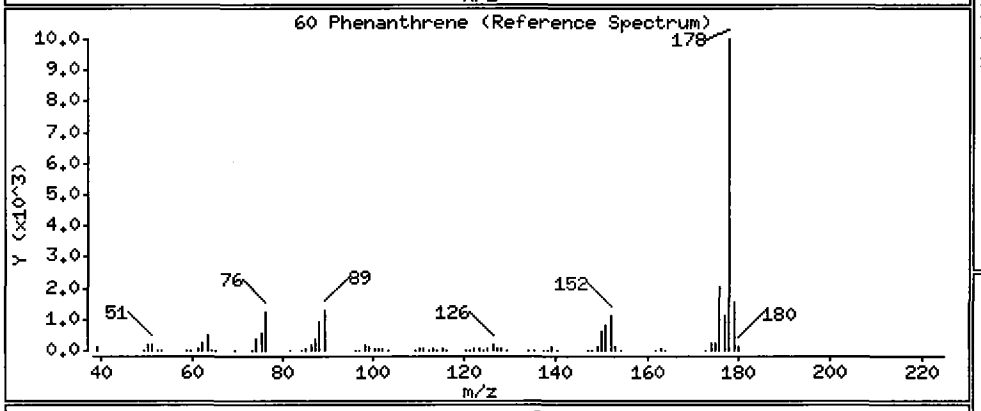
Concentration: 33.71 ug/kg

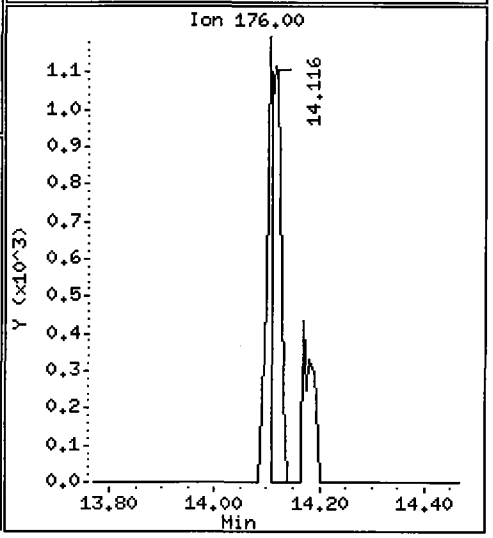


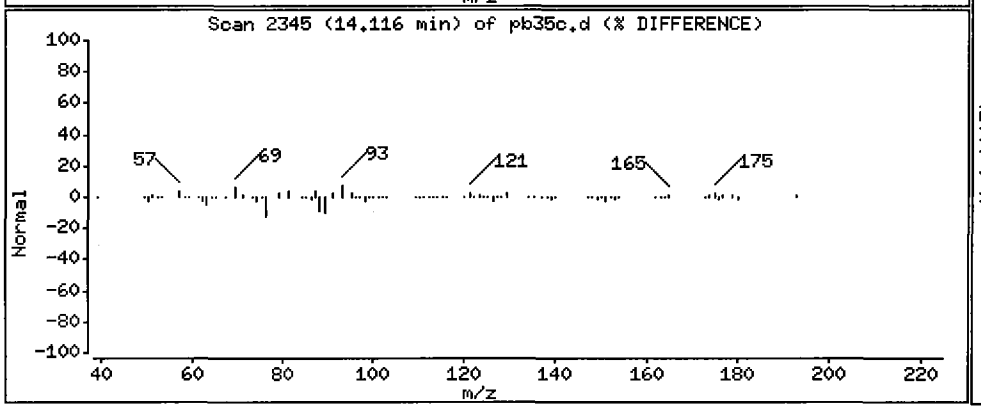












Data File: /chem1/nt6.i/20090615.b/pb35c.d

Date : 15-JUN-2009 16:49

Client ID: 3SED1-B

Instrument: nt6.i

Sample Info: PB35C,3

Volume Injected (uL): 1.0

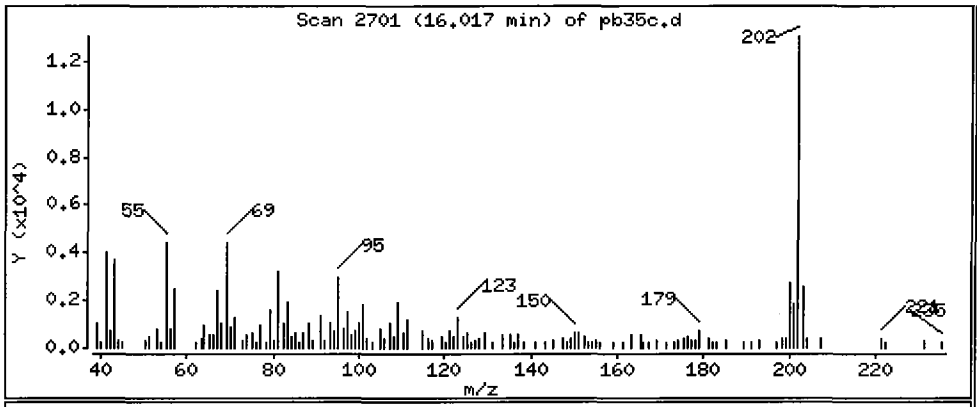
Operator: LJR/VTS

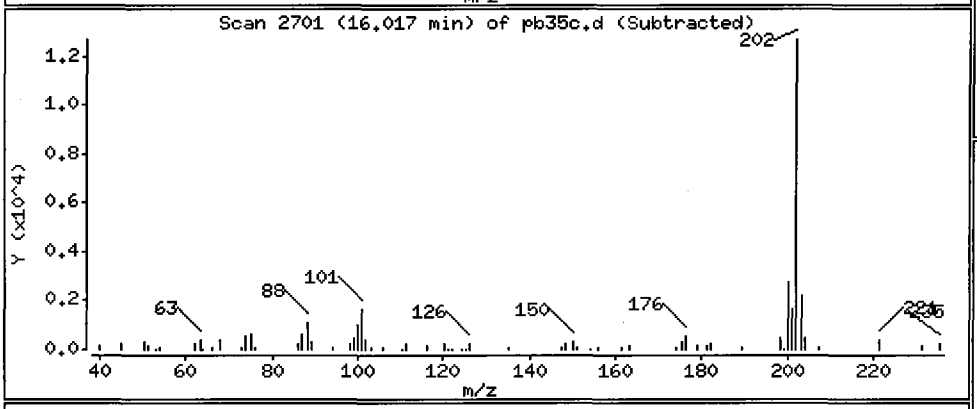
Column phase: ZB-5

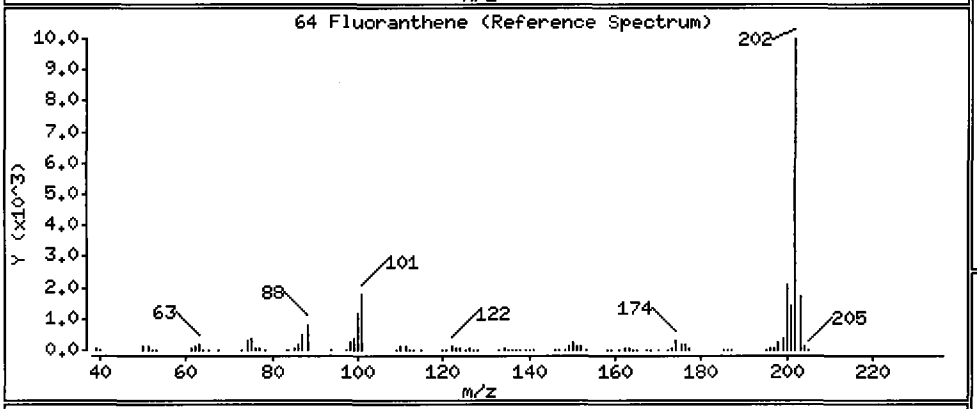
Column diameter: 0.32

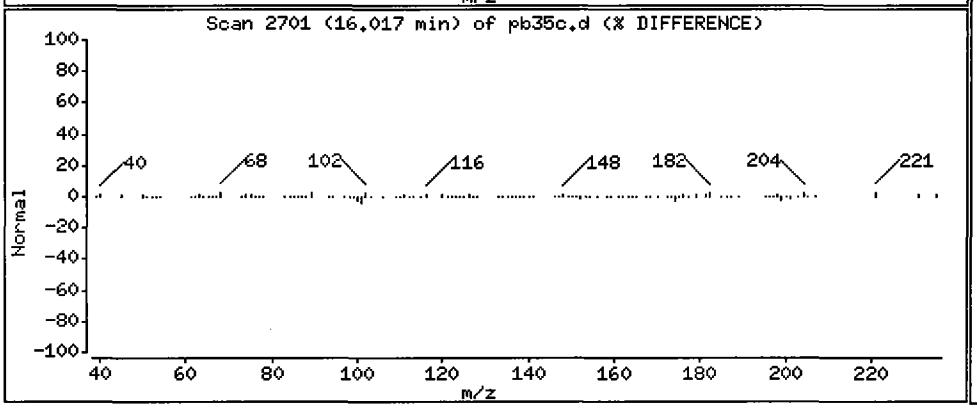
64 Fluoranthene

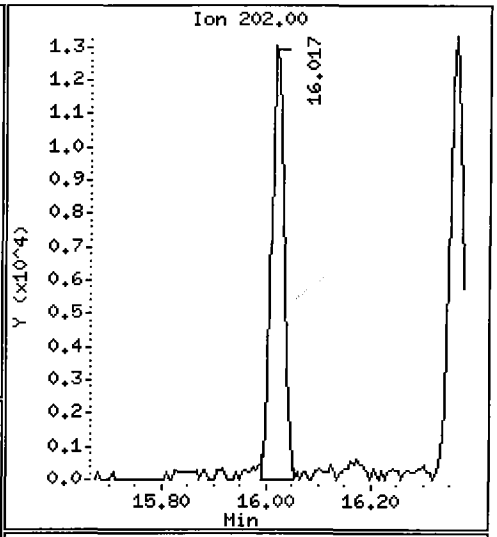
Concentration: 74.60 ug/kg

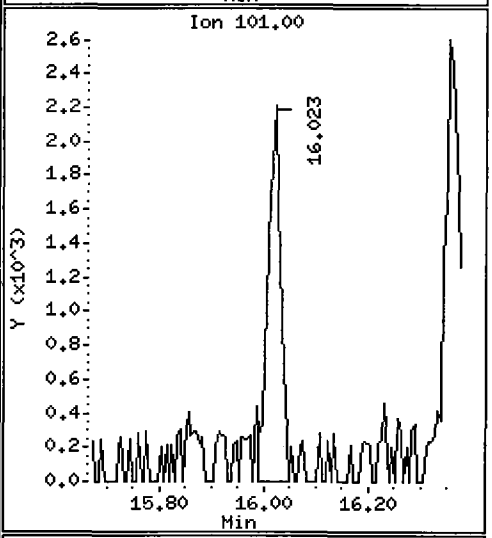


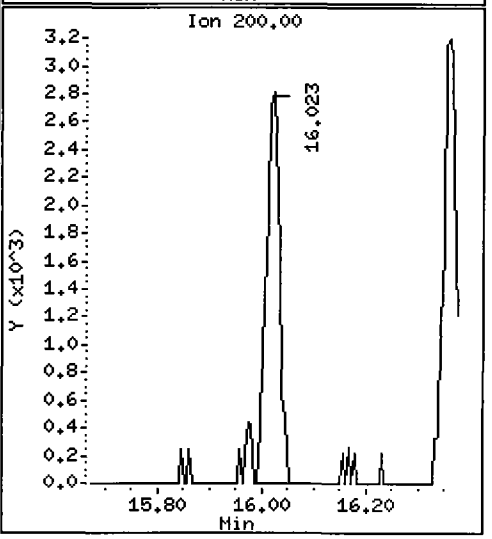












Data File: /chem1/nt6.i/20090615.b/pb35c.d

Date : 15-JUN-2009 16:49

Client ID: 3SED1-B

Instrument: nt6.i

Sample Info: PB35C,3

Volume Injected (uL): 1.0

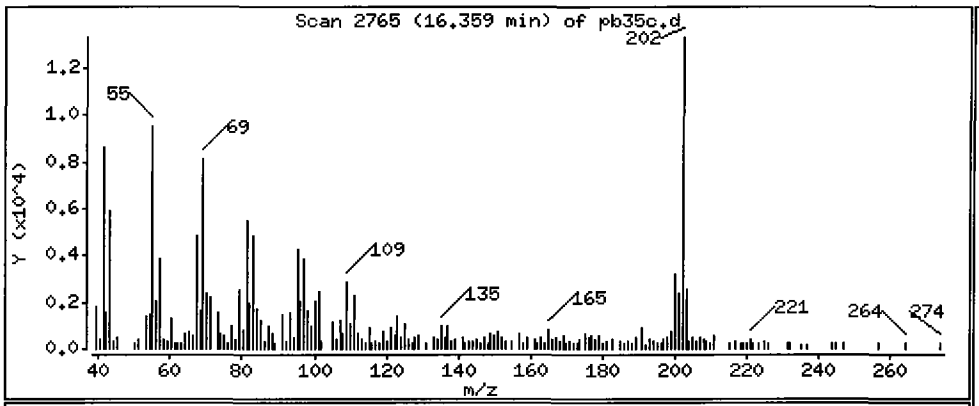
Operator: LJR/VTS

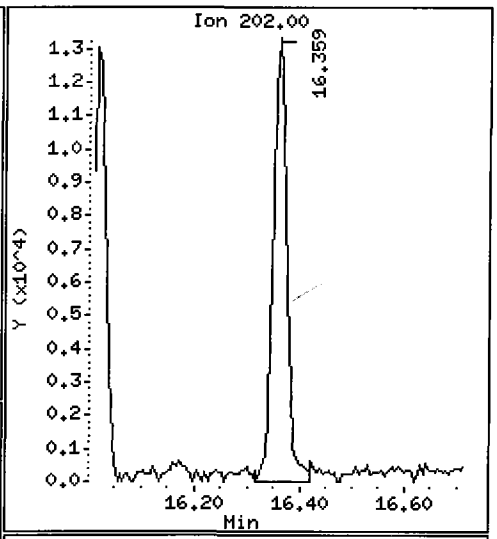
Column phase: ZB-5

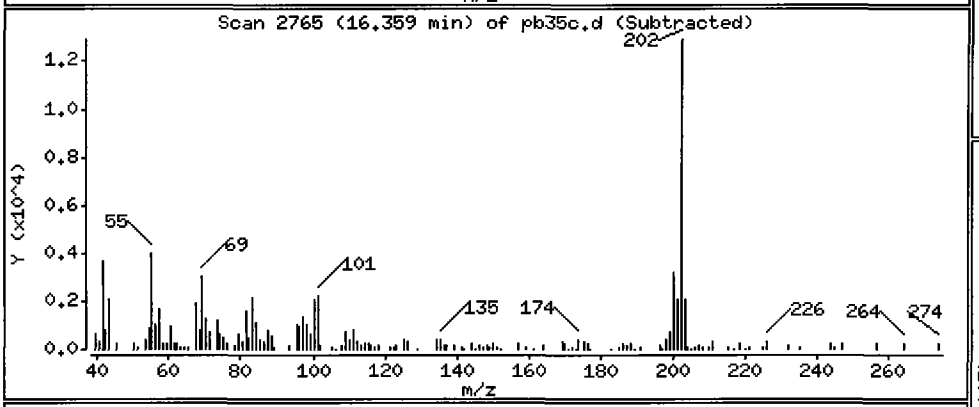
Column diameter: 0.32

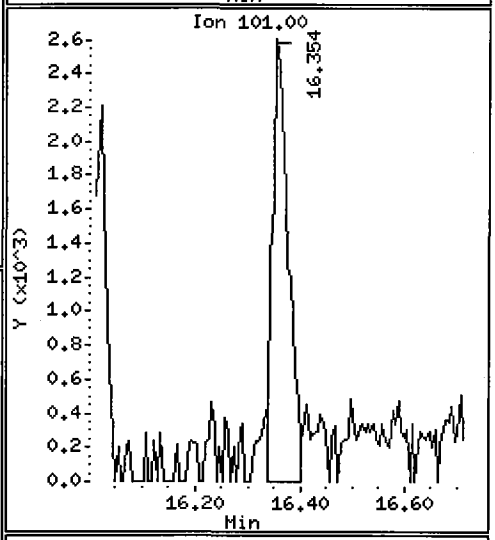
65 Pyrene

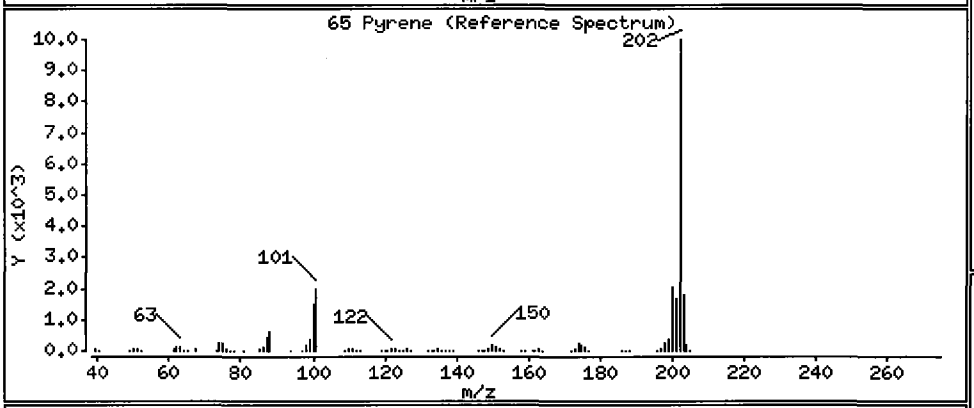
Concentration: 52.81 ug/kg

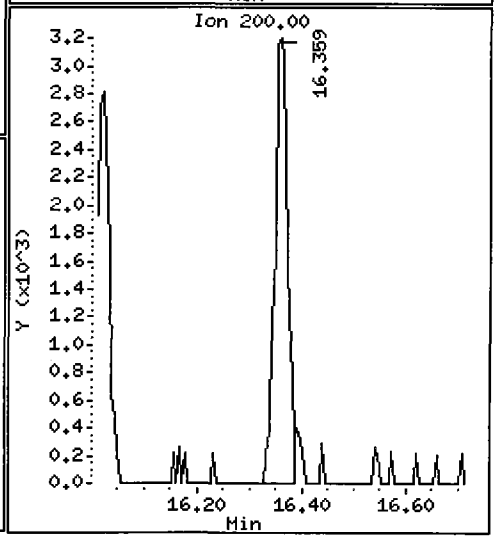


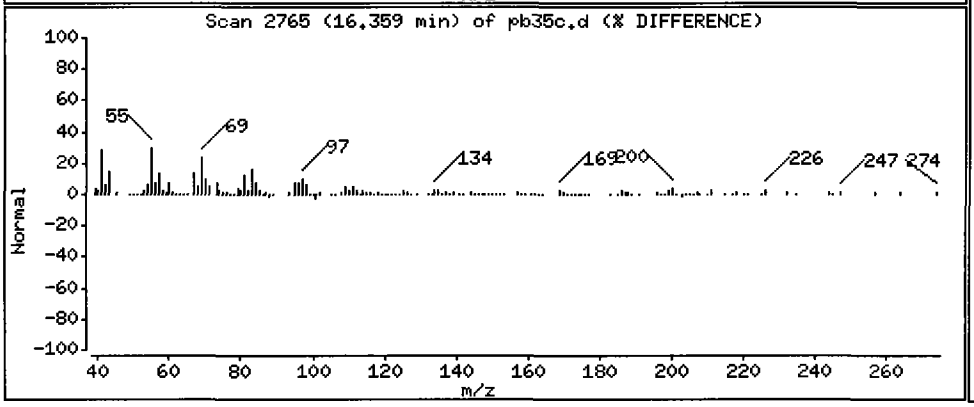












Data File: /chem1/nt6.i/20090615.b/pb35c.d

Date : 15-JUN-2009 16:49

Client ID: 3SED1-B

Instrument: nt6.i

Sample Info: PB35C,3

Volume Injected (uL): 1.0

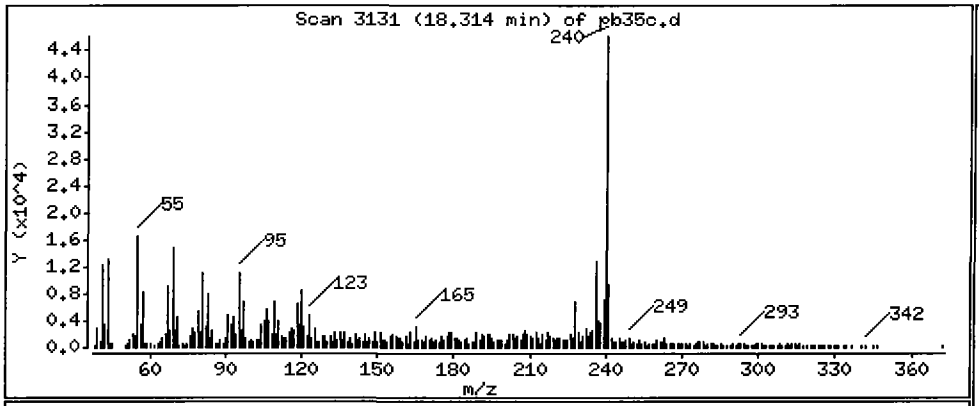
Operator: LJR/VTS

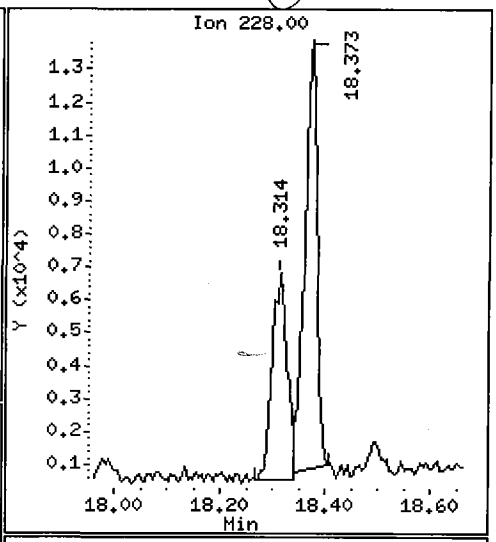
Column phase: ZB-5

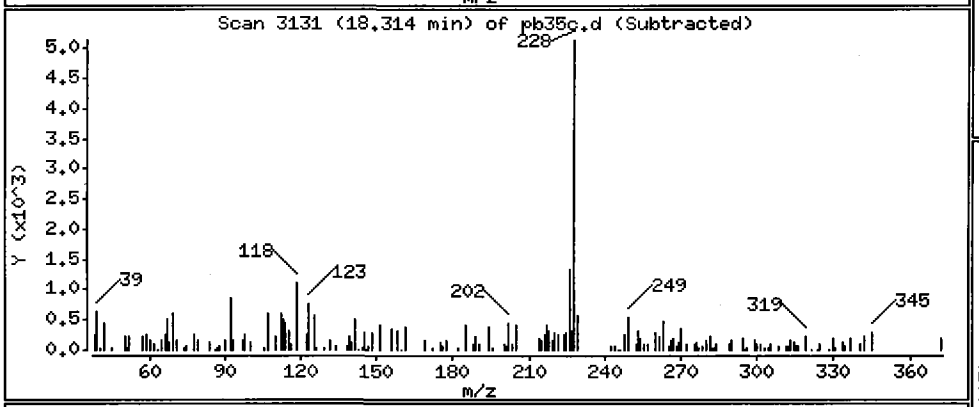
Column diameter: 0.32

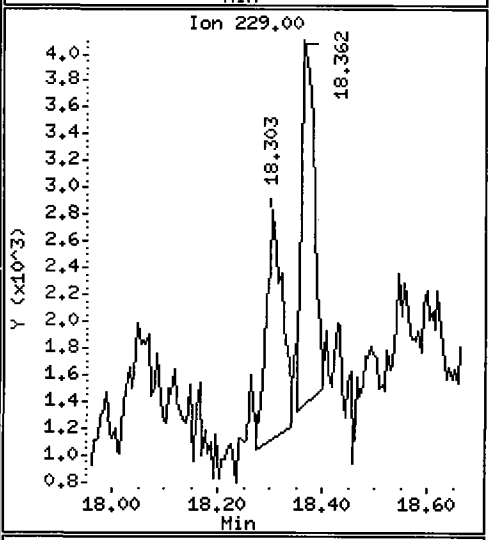
68 Benzo(a)anthracene

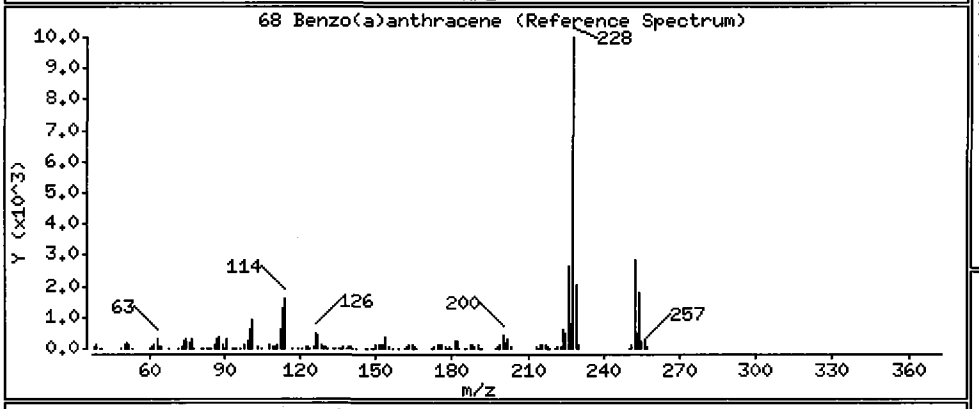
Concentration: 31.08 ug/kg

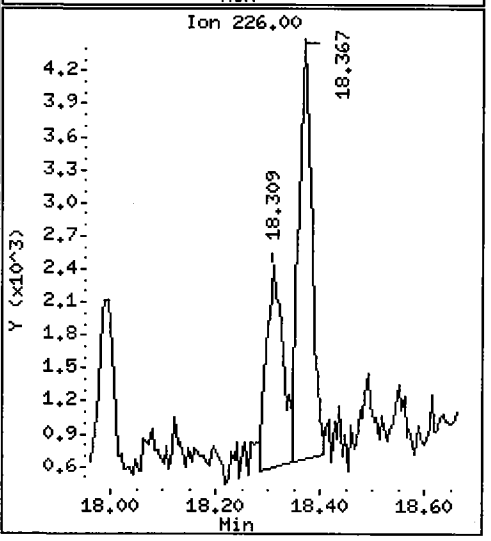


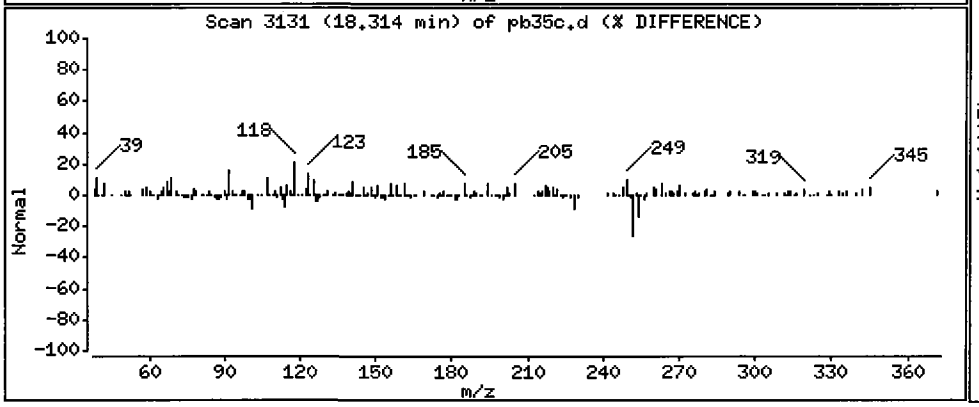












Data File: /chem1/nt6.i/20090615.b/pb35c.d

Date : 15-JUN-2009 16:49

Client ID: 3SED1-B

Instrument: nt6.i

Sample Info: PB35C,3

Volume Injected (uL): 1.0

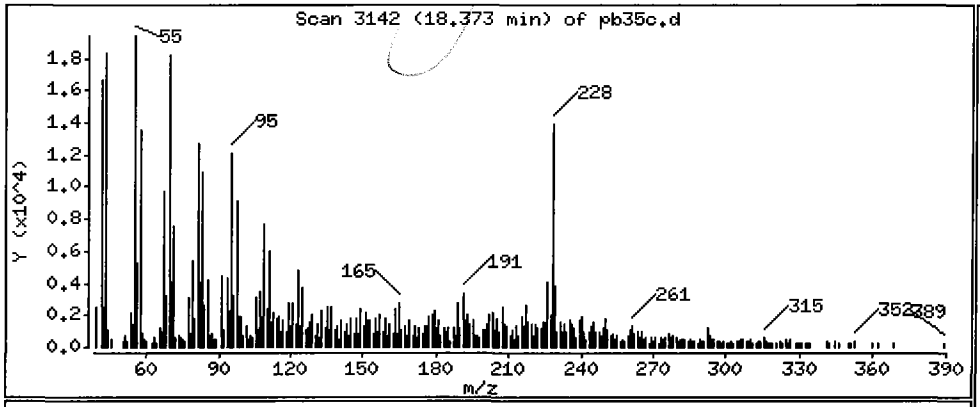
Operator: LJR/VTS

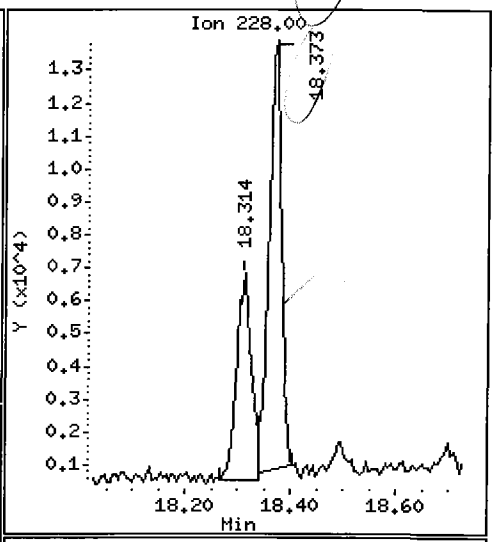
Column phase: ZB-5

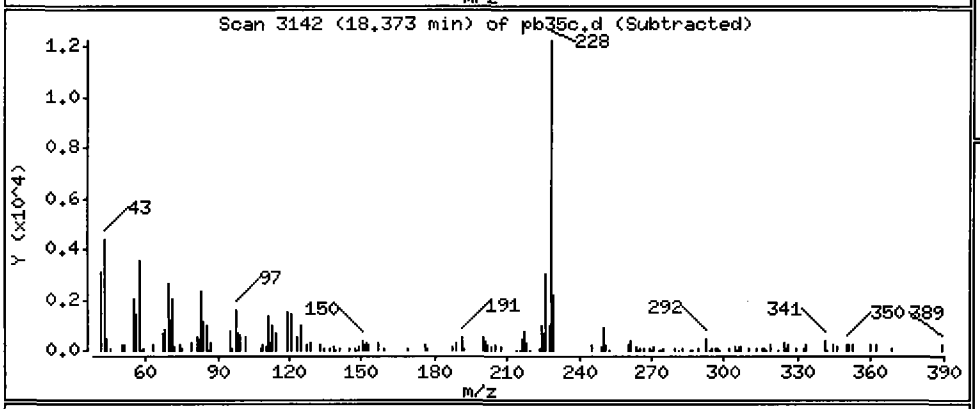
Column diameter: 0.32

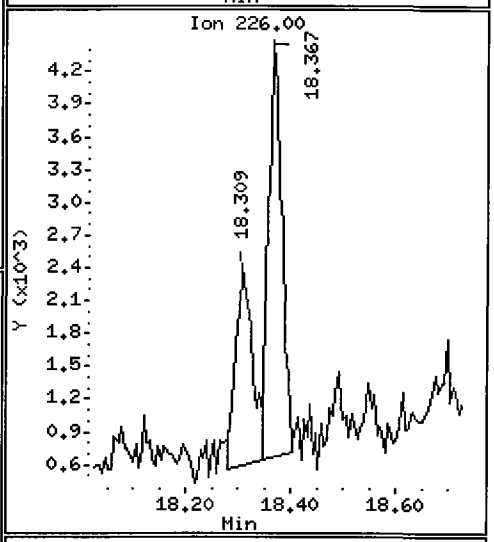
71 Chrysene

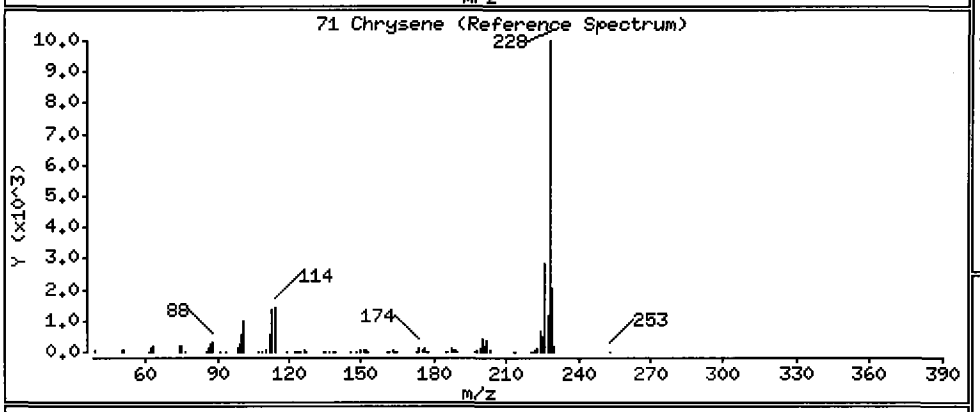
Concentration: 54.37 ug/kg

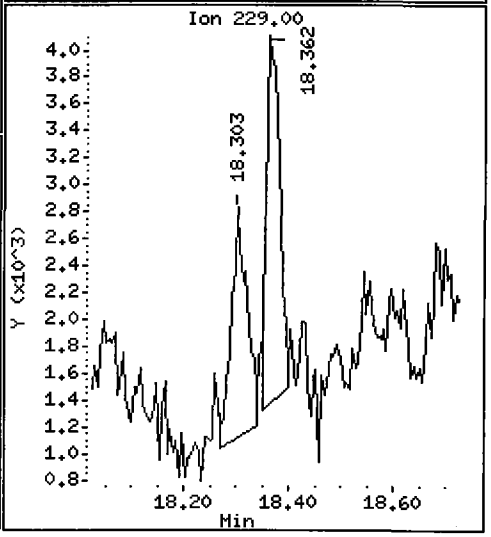


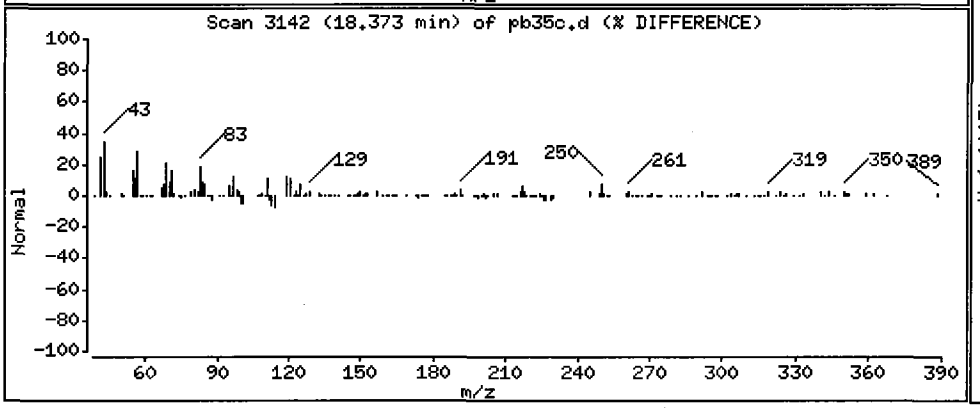












Data File: /chem1/nt6.i/20090615.b/pb35c.d

Date : 15-JUN-2009 16:49

Client ID: 3SED1-B

Instrument: nt6.i

Sample Info: PB35C,3

Volume Injected (uL): 1.0

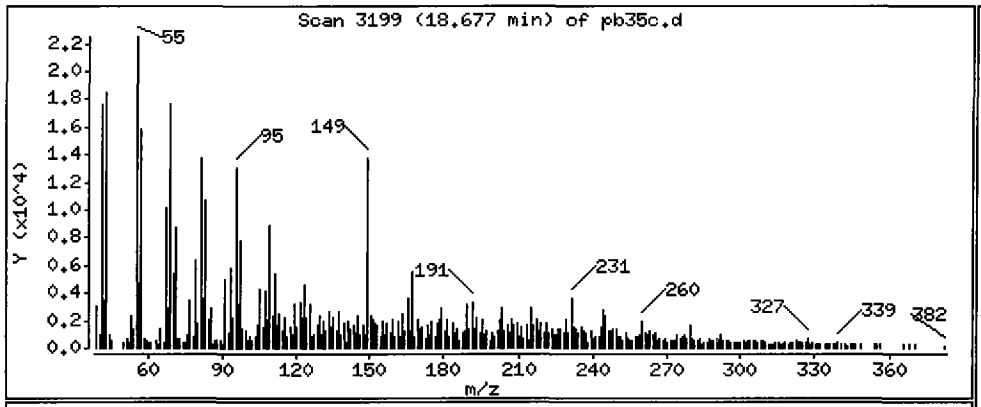
Operator: LJR/VTS

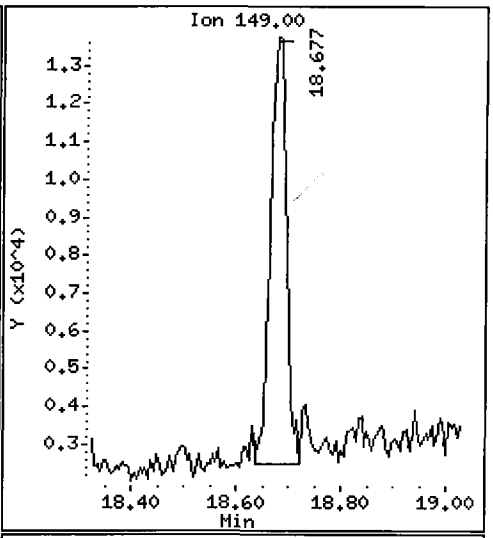
Column phase: ZB-5

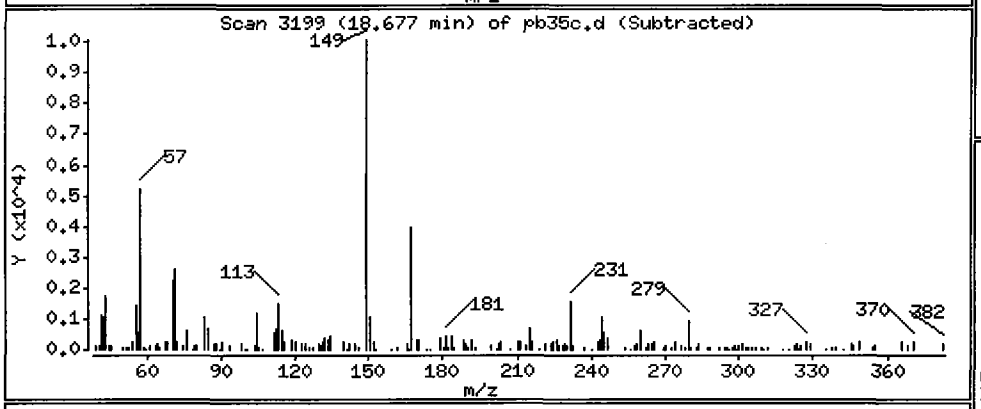
Column diameter: 0.32

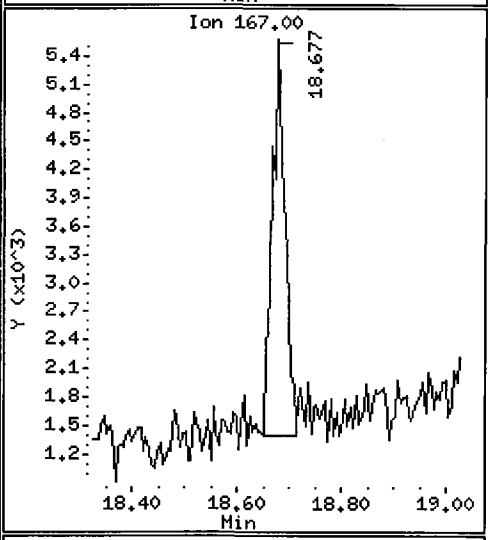
72 bis(2-Ethylhexyl)phthalate

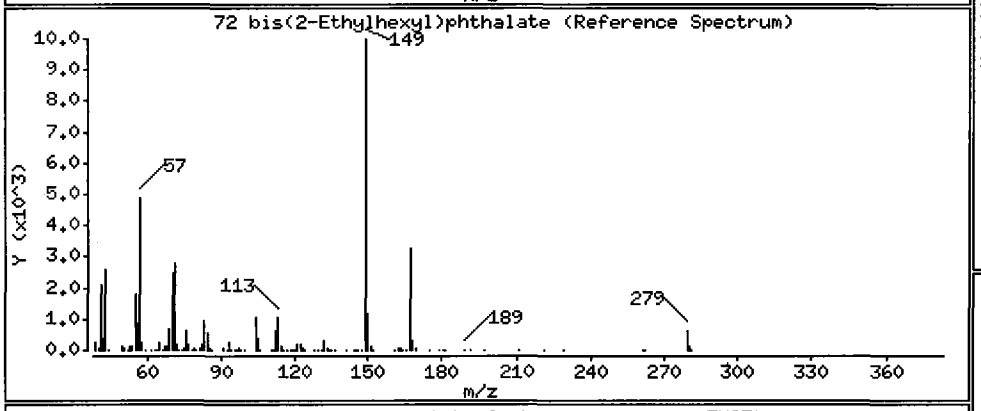
Concentration: 89.10 ug/kg

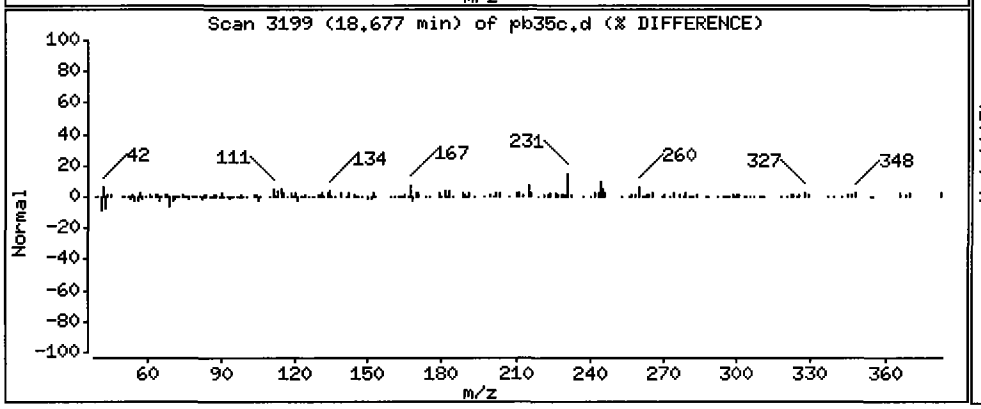


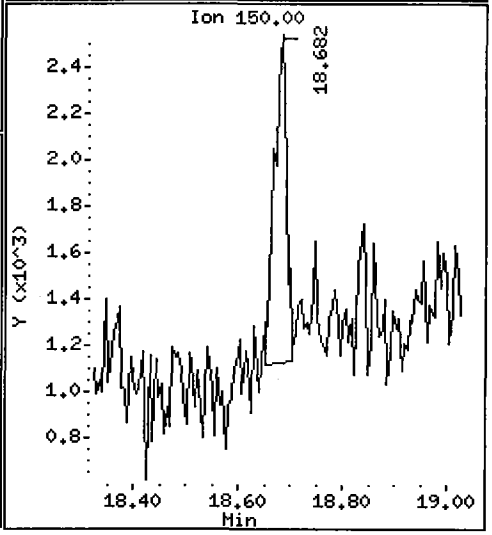












Data File: /chem1/nt6.i/20090615.b/pb35c.d

Date : 15-JUN-2009 16:49

Client ID: 3SED1-B

Instrument: nt6.i

Sample Info: PB35C,3

Volume Injected (uL): 1.0

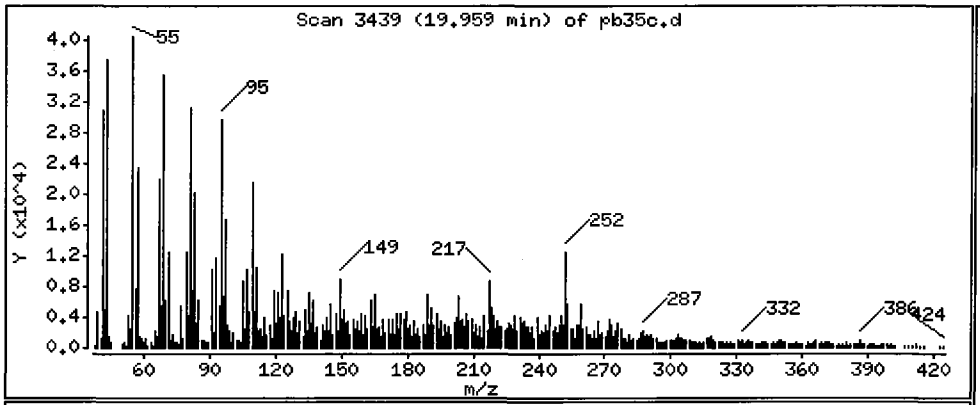
Operator: LJR/VTS

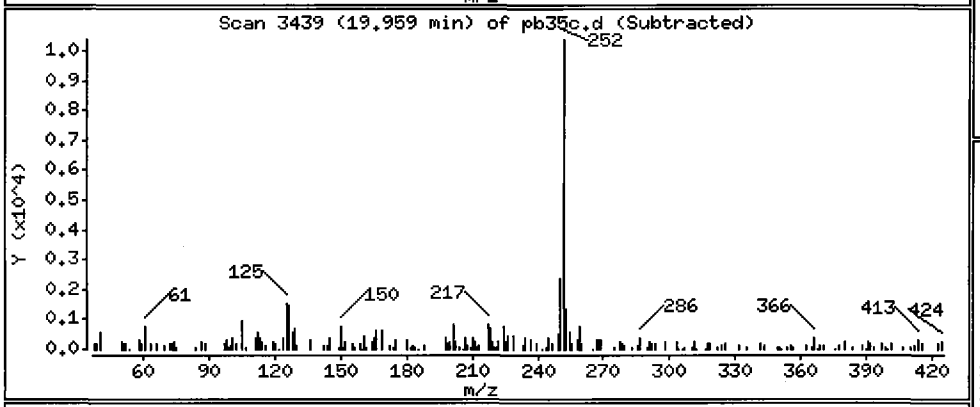
Column phase: ZB-5

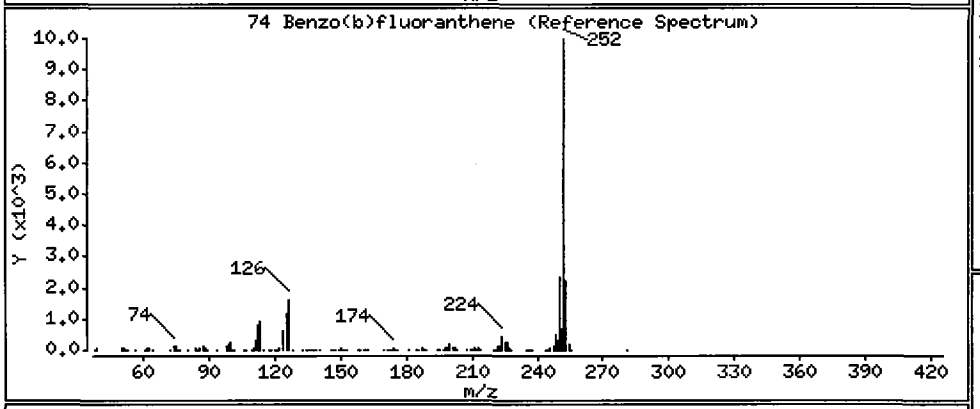
Column diameter: 0.32

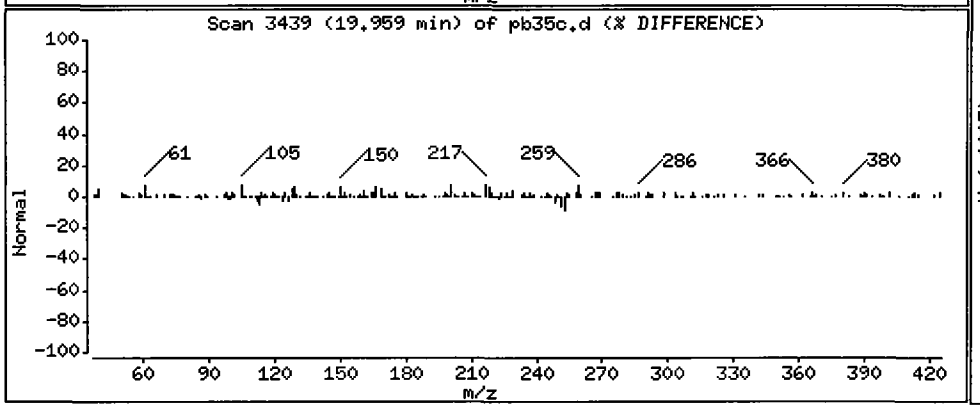
74 Benzo(b)fluoranthene

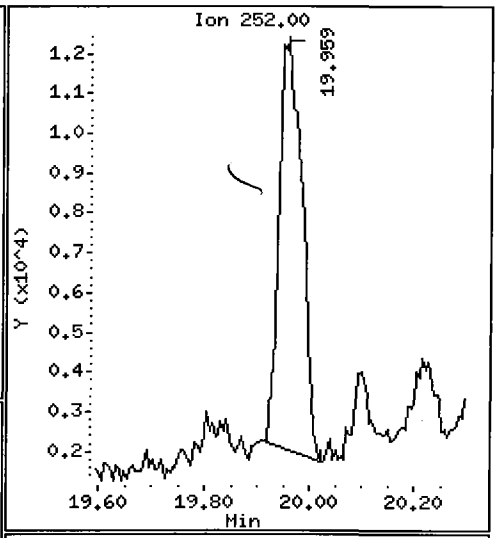
Concentration: 56.63 ug/kg

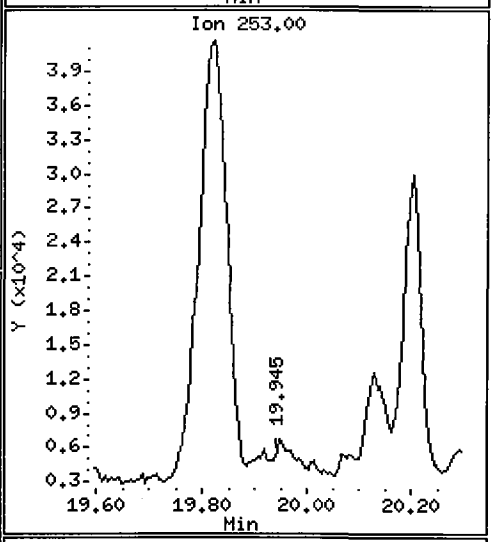


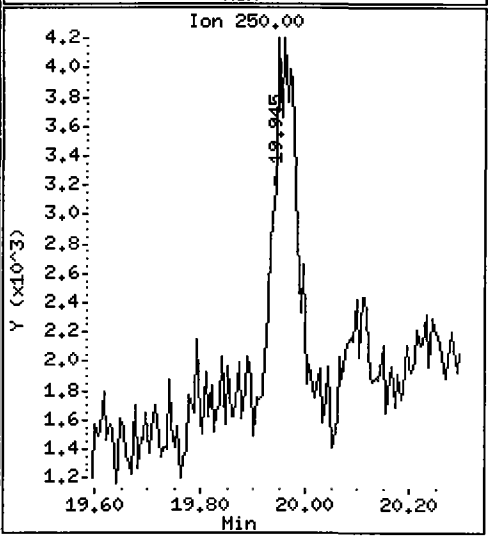












Data File: /chem1/nt6.i/20090615.b/pb35c.d

Date : 15-JUN-2009 16:49

Client ID: 3SED1-B

Instrument: nt6.i

Sample Info: PB35C,3

Volume Injected (uL): 1.0

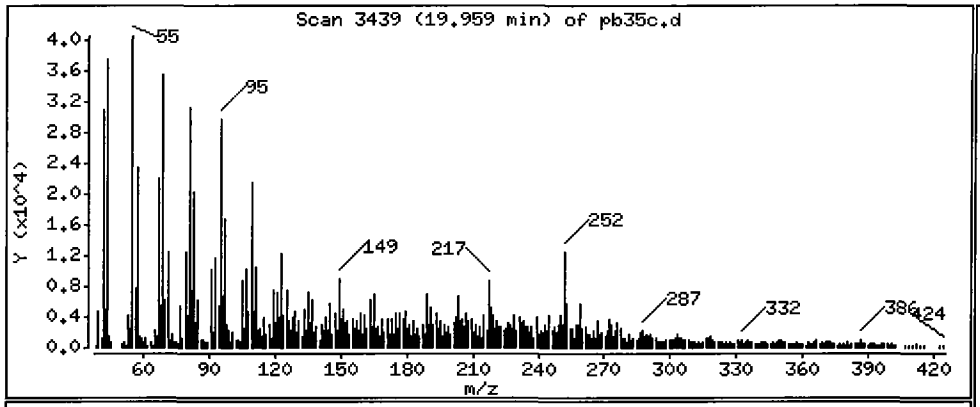
Operator: LJR/VTS

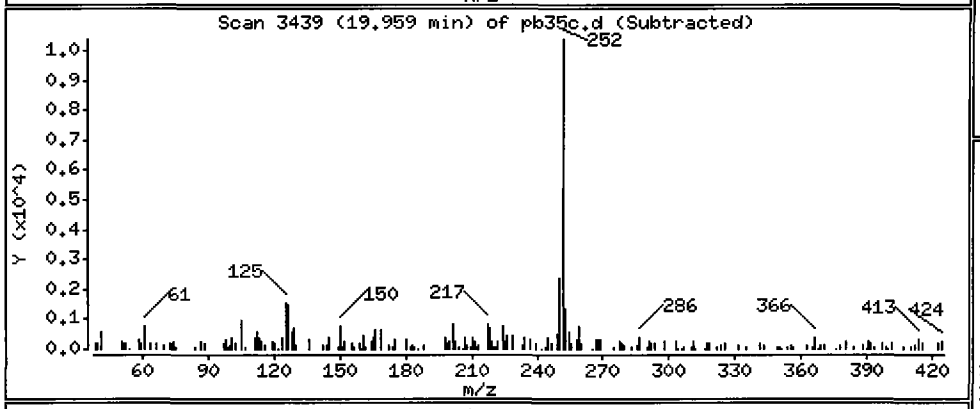
Column phase: ZB-5

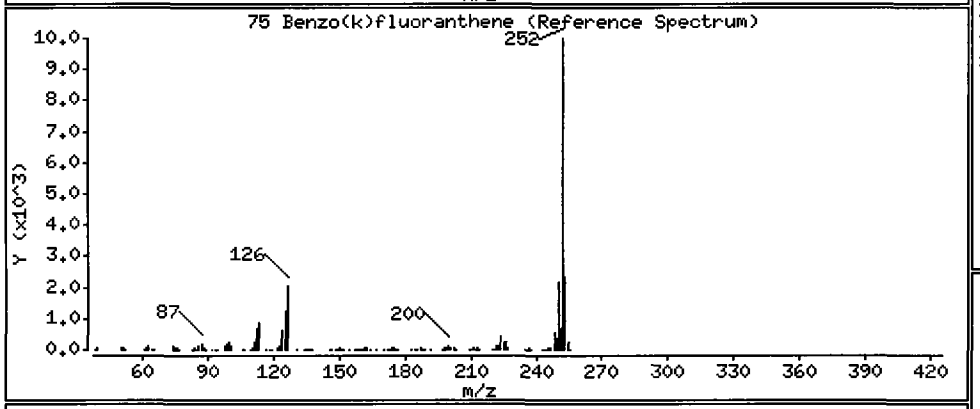
Column diameter: 0.32

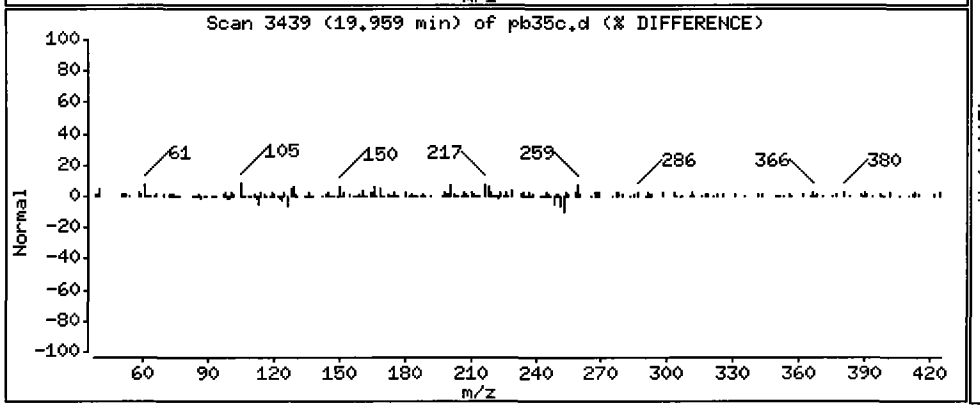
75 Benzo(k)fluoranthene

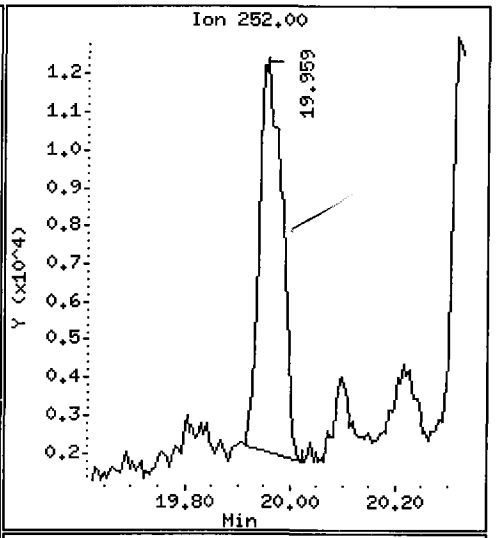
Concentration: 55.13 ug/kg

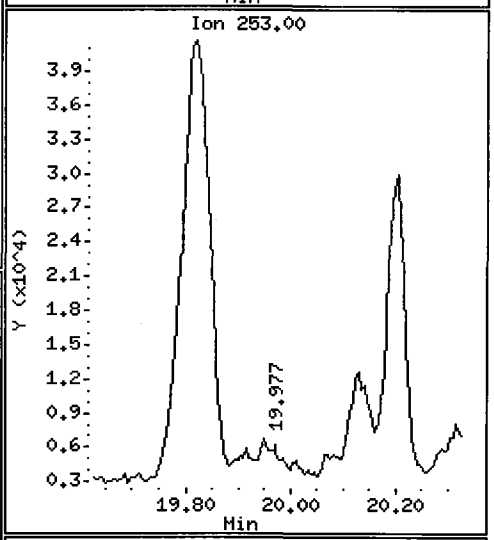


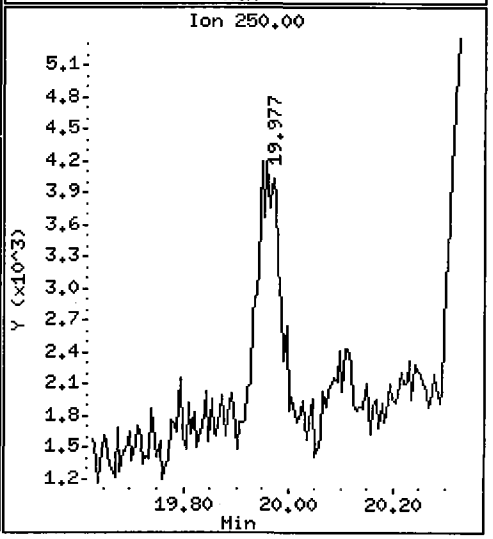












Data File: /chem1/nt6.i/20090615.b/pb35c.d

Date : 15-JUN-2009 16:49

Client ID: 3SED1-B

Instrument: nt6.i

Sample Info: PB35C,3

Volume Injected (uL): 1.0

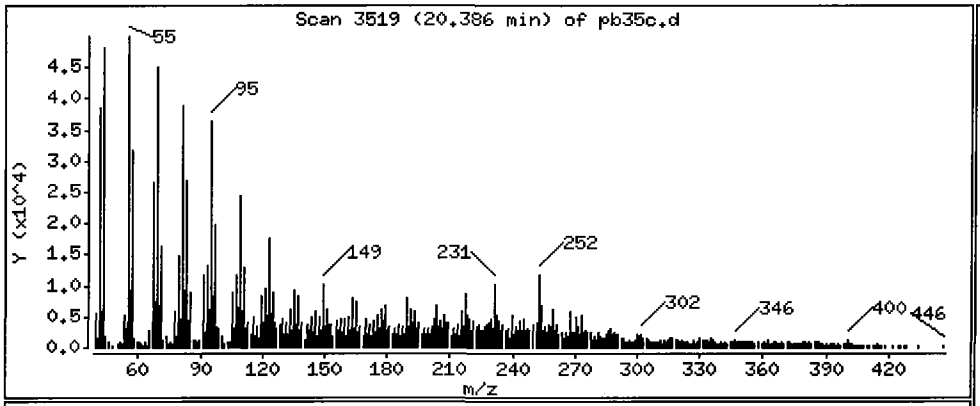
Operator: LJR/VTS

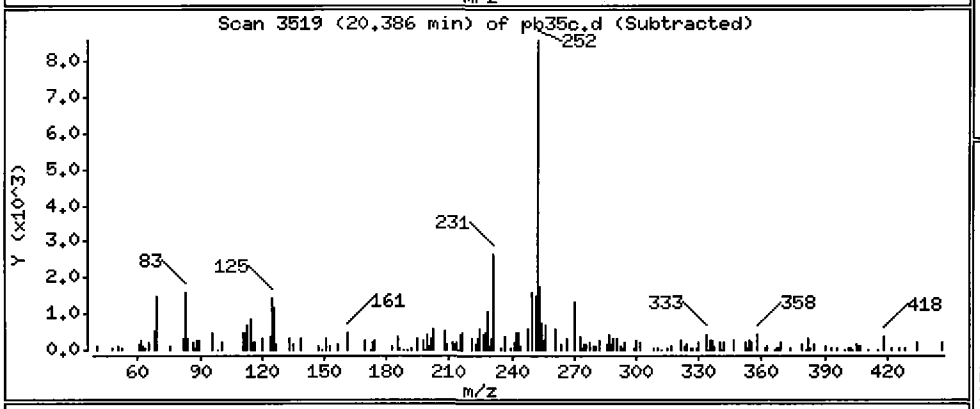
Column phase: ZB-5

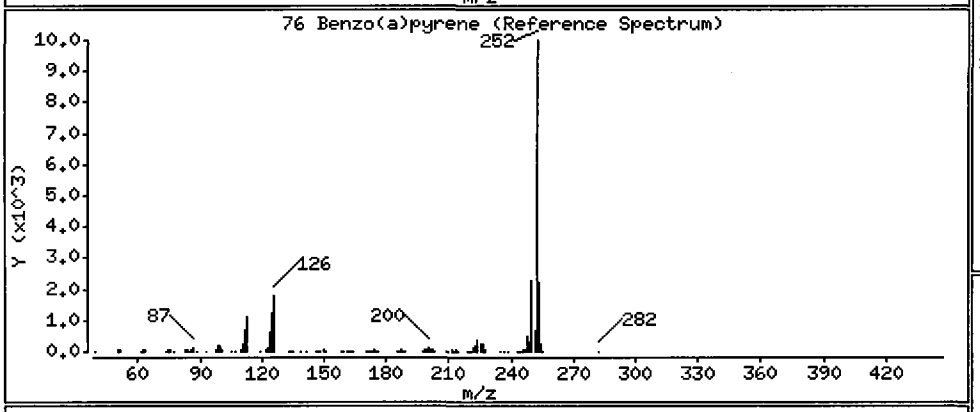
Column diameter: 0.32

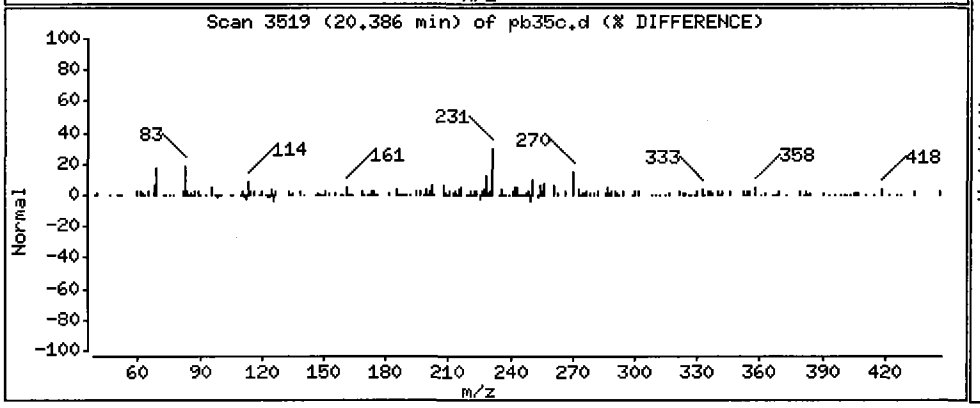
76 Benzo(a)pyrene

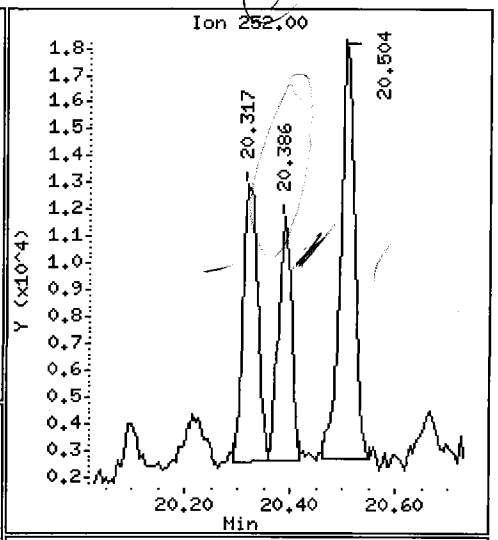
Concentration: 31.34 ug/kg

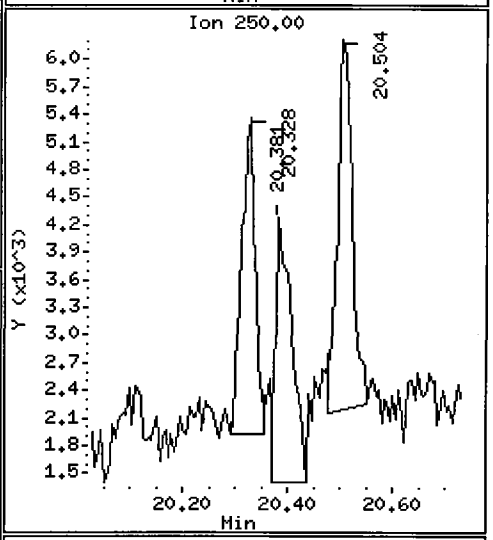


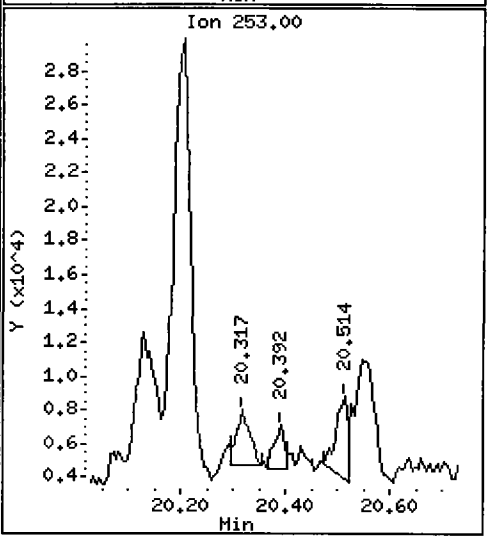












Data File: /chem1/nt6.i/20090615.b/pb35c.d

Date : 15-JUN-2009 16:49

Client ID: 3SED1-B

Instrument: nt6.i

Sample Info: PB35C,3

Volume Injected (uL): 1.0

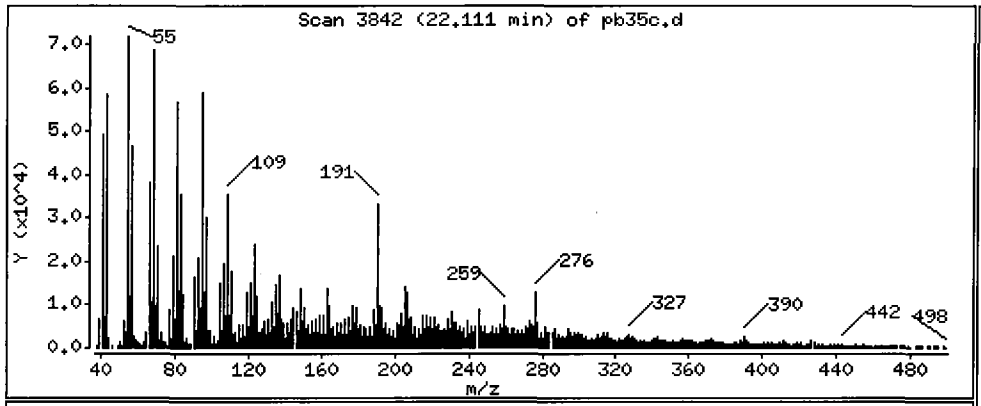
Operator: LJR/VTS

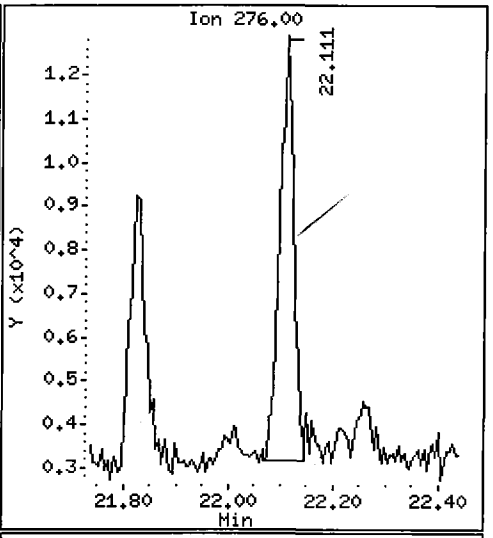
Column phase: ZB-5

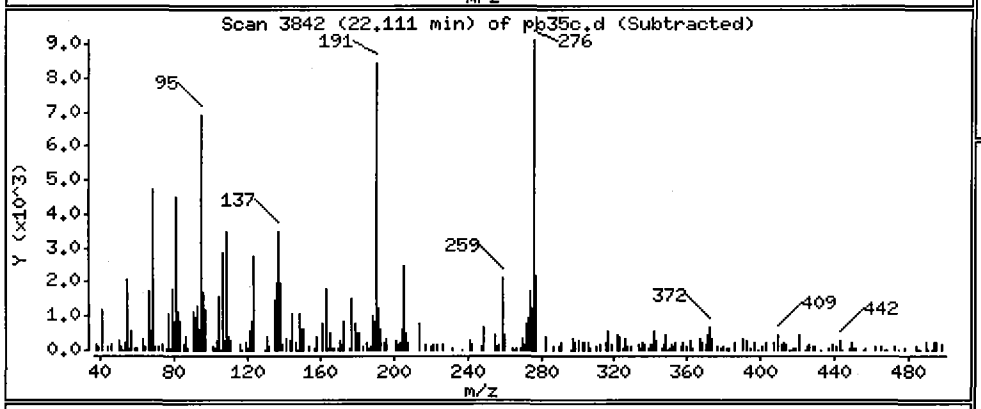
Column diameter: 0.32

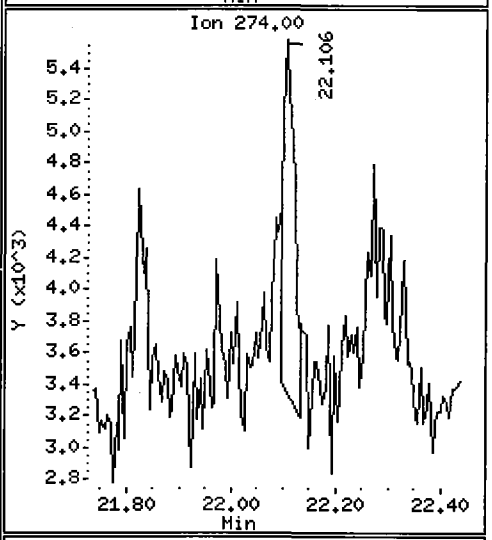
80 Benzo(g,h,i)perylene

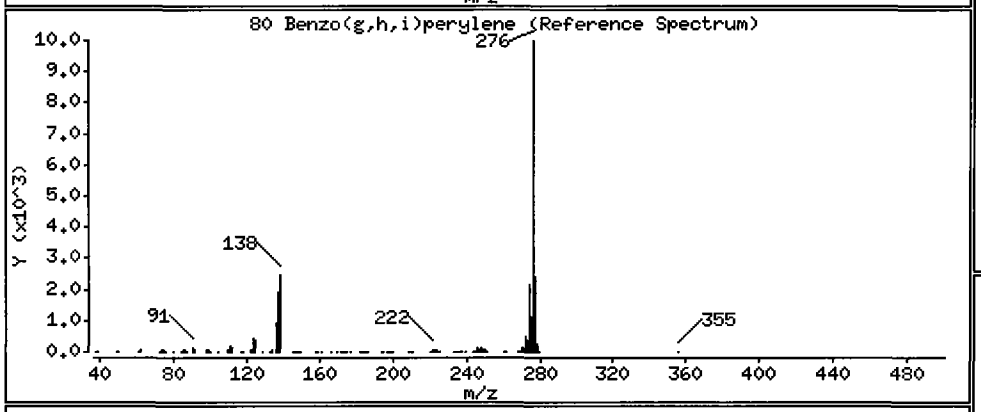
Concentration: 31.33 ug/kg

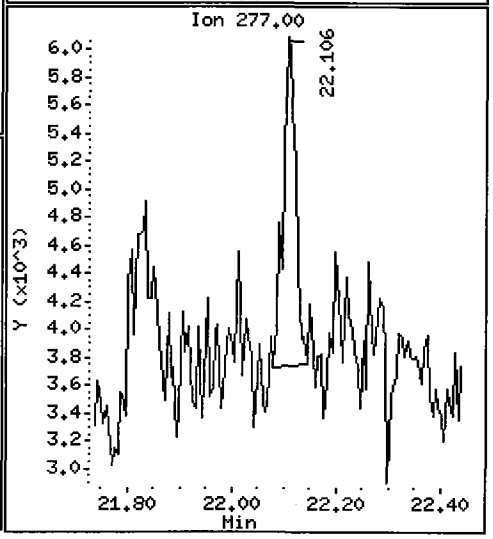


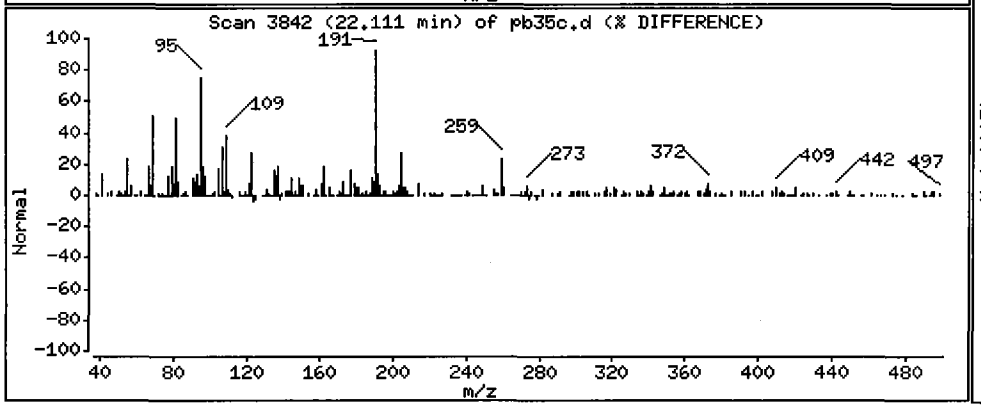












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED1-C
SAMPLE

Lab Sample ID: PB35E
LIMS ID: 09-12721
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 17:22
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 22.6 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 46.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	66	< 66 U
541-73-1	1,3-Dichlorobenzene	66	< 66 U
106-46-7	1,4-Dichlorobenzene	66	< 66 U
100-51-6	Benzyl Alcohol	66	< 66 U
95-50-1	1,2-Dichlorobenzene	66	< 66 U
95-48-7	2-Methylphenol	66	< 66 U
106-44-5	4-Methylphenol	66	< 66 U
67-72-1	Hexachloroethane	66	< 66 U
105-67-9	2,4-Dimethylphenol	66	< 66 U
65-85-0	Benzoic Acid	660	< 660 U
120-82-1	1,2,4-Trichlorobenzene	66	< 66 U
91-20-3	Naphthalene	66	< 66 U
87-68-3	Hexachlorobutadiene	66	< 66 U
91-57-6	2-Methylnaphthalene	66	< 66 U
131-11-3	Dimethylphthalate	66	< 66 U
208-96-8	Acenaphthylene	66	< 66 U
83-32-9	Acenaphthene	66	< 66 U
132-64-9	Dibenzofuran	66	< 66 U
84-66-2	Diethylphthalate	66	< 66 U
86-73-7	Fluorene	66	< 66 U
86-30-6	N-Nitrosodiphenylamine	66	< 66 U
118-74-1	Hexachlorobenzene	66	< 66 U
87-86-5	Pentachlorophenol	330	< 330 U
85-01-8	Phenanthrene	66	< 66 U
120-12-7	Anthracene	66	< 66 U
84-74-2	Di-n-Butylphthalate	66	< 66 U
206-44-0	**Fluoranthene**	**66**	**72**
129-00-0	**Pyrene**	**66**	**52 J**
85-68-7	**Butylbenzylphthalate**	**66**	**86**
56-55-3	**Benzo(a)anthracene**	**66**	**40 J**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**66**	**92**
218-01-9	**Chrysene**	**66**	**77**
117-84-0	Di-n-Octyl phthalate	66	< 66 U
205-99-2	**Benzo(b)fluoranthene**	**66**	**43 J**
207-08-9	**Benzo(k)fluoranthene**	**66**	**43 J**
50-32-8	**Benzo(a)pyrene**	**66**	**54 J**
193-39-5	Indeno(1,2,3-cd)pyrene	66	< 66 U
53-70-3	Dibenz(a,h)anthracene	66	< 66 U
191-24-2	**Benzo(g,h,i)perylene**	**66**	**36 J**
90-12-0	1-Methylnaphthalene	66	< 66 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	63.2%	2-Fluorobiphenyl	72.1%
d14-p-Terphenyl	53.3%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	66.6%	2-Fluorophenol	63.7%
2,4,6-Tribromophenol	66.9%	d4-2-Chlorophenol	66.1%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35e.d
Lab Smp Id: PB35E Client Smp ID: 3SED1-C
Inj Date : 15-JUN-2009 17:22
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35E,3
Misc Info : 09-12721
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 6
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	42.50000	Weight of sample extracted (g)
M	46.80000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.811	4.782	(0.702)	78269	7.95670	527.9
$	2 Phenol-d5	99	6.579	6.534	(0.960)	110072	8.33270	552.8
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.568	6.555	(0.959)	66471	8.25780	547.8
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.851	6.849	(1.000)	119316	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.150	7.148	(1.044)	25363	4.26889	283.2
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	7.807	7.810	(0.876)	66468	5.27107	349.7
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.913	8.916	(1.000)	410593	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.729	10.732	(0.913)	95699	6.00851	398.6
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.749	11.747	(1.000)	214428	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.031	13.034	(1.109)	17091	8.35925	554.6
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.083	14.081	(1.000)	308954	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.022	16.025	(1.138)	21640	1.08088	71.71
65	Pyrene	202	16.358	16.361	(0.892)	25343	0.78008 LDL	51.75
$ 66	Terphenyl-d14	244	16.732	16.730	(0.912)	93072	4.44354	294.8
67	Butylbenzylphthalate	149	17.651	17.649	(0.962)	16876	1.28626	85.33
68	Benzo(a)anthracene	228	18.319	18.311	(0.999)	17323	0.59850 LDL	39.71
* 69	Chrysene-d12	240	18.340	18.338	(1.000)	392155	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.372	18.375	(1.002)	32256	1.16389	77.22
72	bis(2-Ethylhexyl)phthalate	149	18.676	18.674	(0.952)	26553	1.37622	91.30
* 134	Di-n-octylphthalate-d4	153	19.611	19.603	(1.000)	622089	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.964	19.945	(0.975)	51671	1.31285 > T	87.10(M) 0.648
75	Benzo(k)fluoranthene	252	19.964	19.977	(0.975)	51671	1.27819	84.80(M) 0.648
76	Benzo(a)pyrene	252	20.391	20.378	(0.996)	28686	0.80515 LDL	53.42
* 77	Perylene-d12	264	20.482	20.453	(1.000)	543124	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	22.111	22.087	(1.080)	22242	0.53585 LDL	35.55(M)
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35e.d
Lab Smp Id: PB35E
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12721

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED1-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
8 1,4-Dichlorobenze	112389	56194	224778	119316	6.16	
27 Naphthalene-d8	384492	192246	768984	410593	6.79	
42 Acenaphthene-d10	217478	108739	434956	214428	-1.40	
59 Phenanthrene-d10	336594	168297	673188	308954	-8.21	
69 Chrysene-d12	247160	123580	494320	392155	58.66	
134 Di-n-octylphthala	347036	173518	694072	622089	79.26	
77 Perylene-d12	232938	116469	465876	543124	133.16	<-

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.03
27 Naphthalene-d8	8.92	8.42	9.42	8.91	-0.03
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.02
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	0.02
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.01
134 Di-n-octylphthala	19.60	19.10	20.10	19.61	0.04
77 Perylene-d12	20.45	19.95	20.95	20.48	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35E
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12721

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED1-C
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

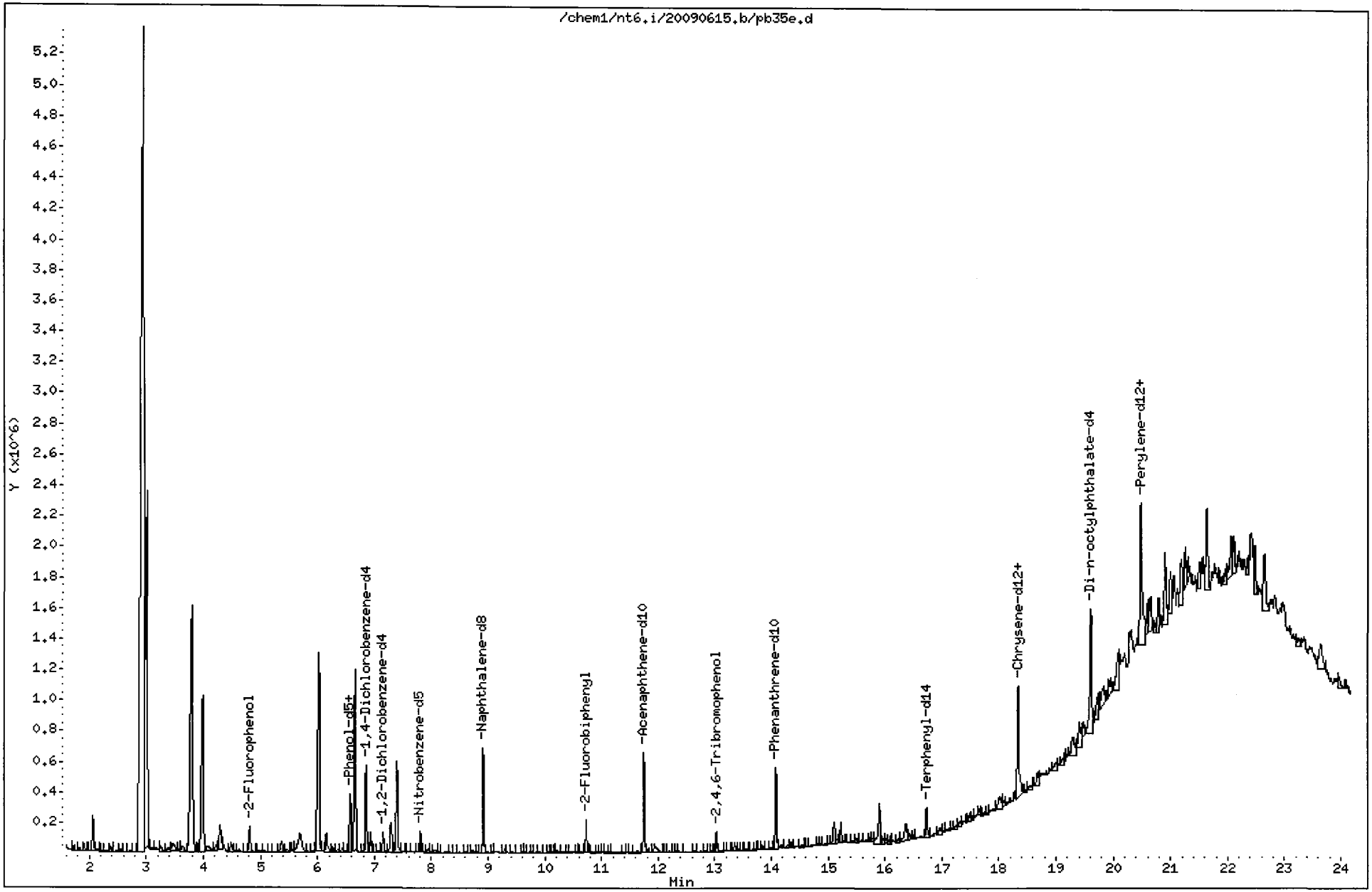
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	829.3	527.9	63.65	21-100
$ 2 Phenol-d5	829.3	552.8	66.66	10-100
$ 5 2-Chlorophenol-d4	829.3	547.8	66.06	30-100
$ 10 1,2-Dichlorobenzen	552.9	283.2	51.23	24-100
$ 18 Nitrobenzene-d5	552.9	349.7	63.25	26-100
$ 36 2-Fluorobiphenyl	552.9	398.6	72.10	32-100
$ 55 2,4,6-Tribromophen	829.3	554.6	66.87	33-118
$ 66 Terphenyl-d14	552.9	294.8	53.32	21-97

Data File: /chem1/nt6.i/20090615.b/pb35e.d
Date : 15-JUN-2009 17:22
Client ID: 3SED1-C
Sample Info: PB35E,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

PB35:001172



Data File: /chem1/nt6.i/20090615.b/pb35e.d

Date : 15-JUN-2009 17:22

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,3

Volume Injected (uL): 1.0

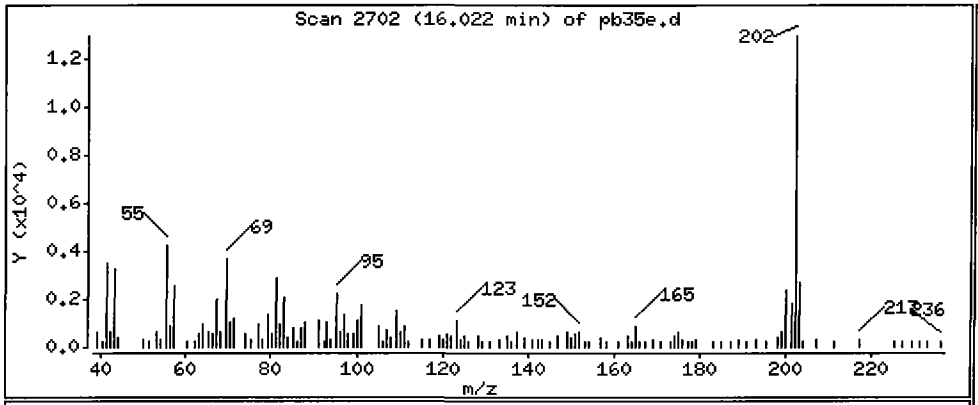
Operator: LJR/VTS

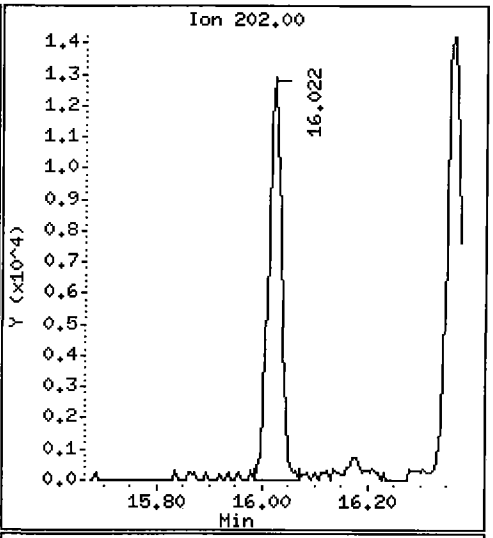
Column phase: ZB-5

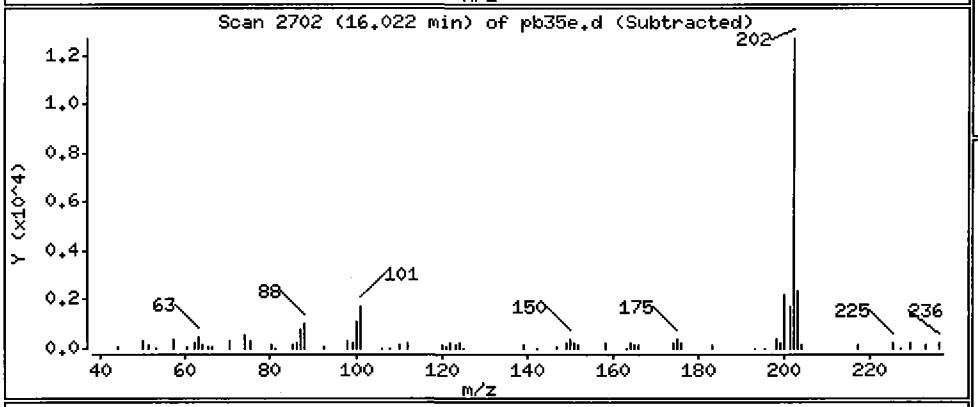
Column diameter: 0.32

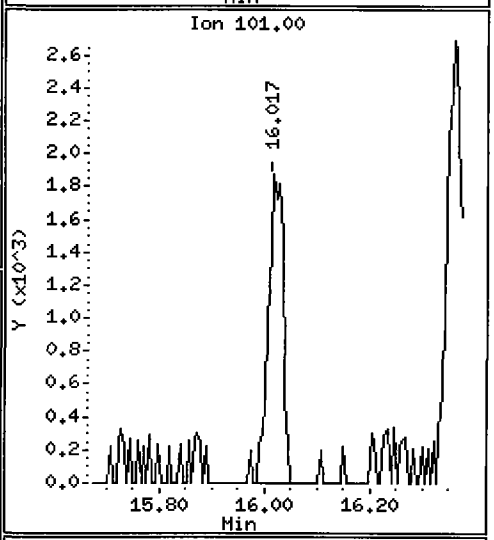
64 Fluoranthene

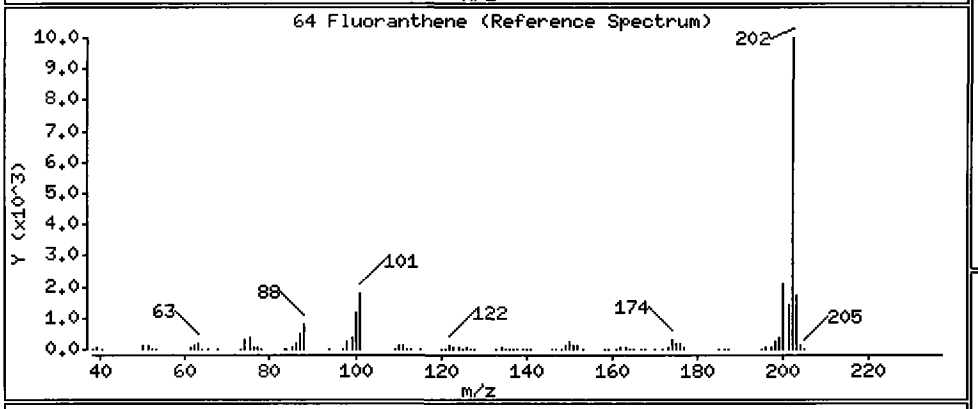
Concentration: 71.71 ug/kg

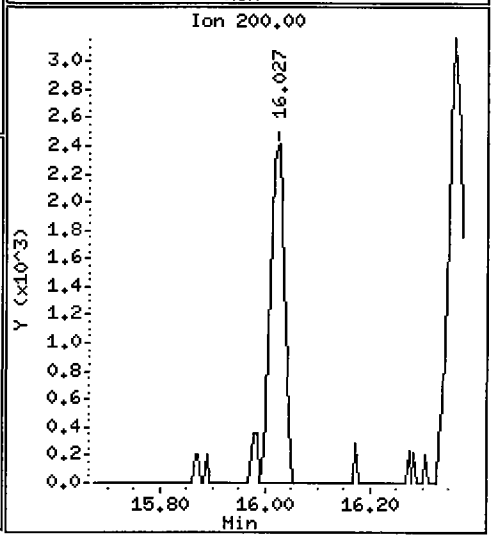


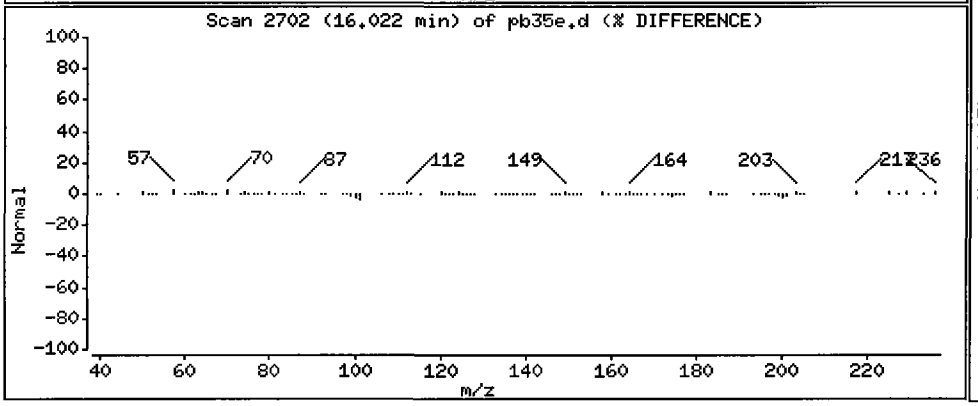












Data File: /chem1/nt6.i/20090615.b/pb35e.d

Date : 15-JUN-2009 17:22

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,3

Volume Injected (uL): 1.0

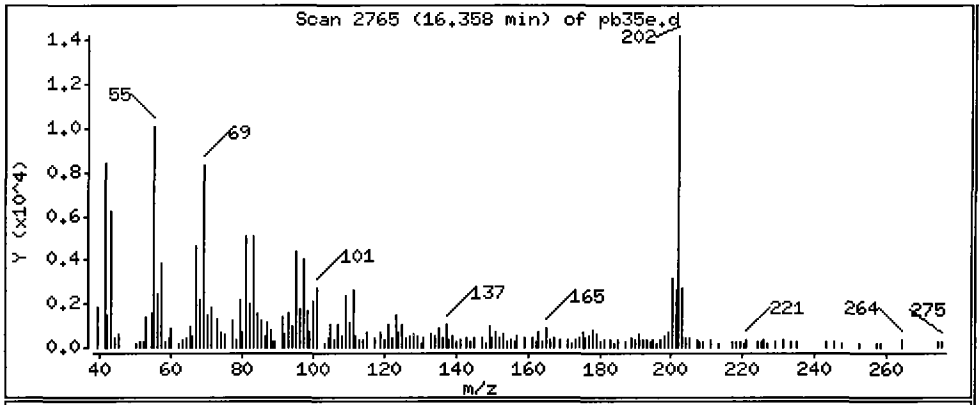
Operator: LJR/VTS

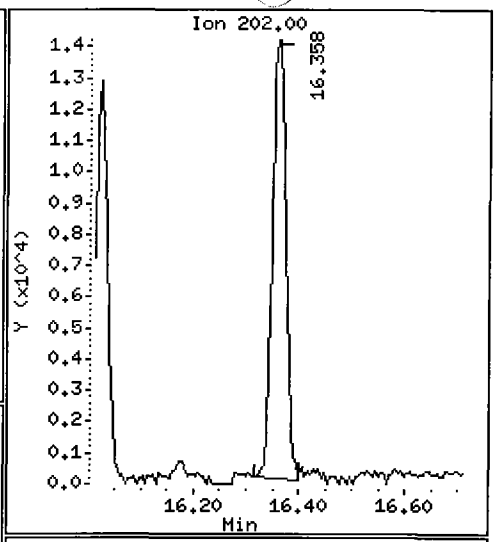
Column phase: ZB-5

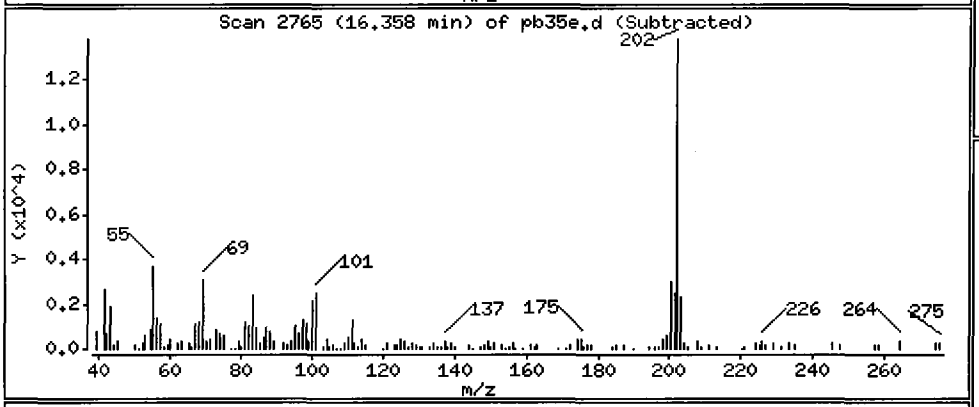
Column diameter: 0.32

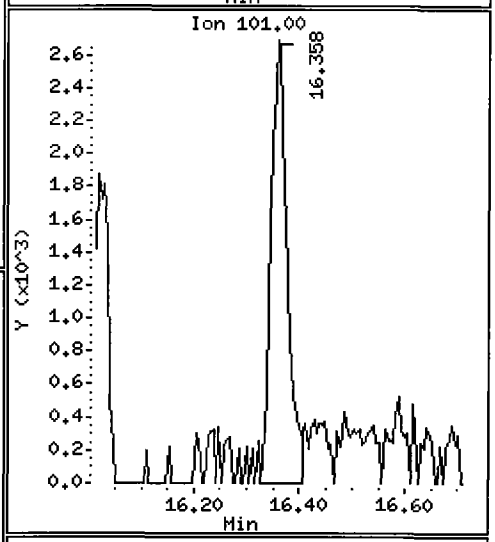
65 Pyrene

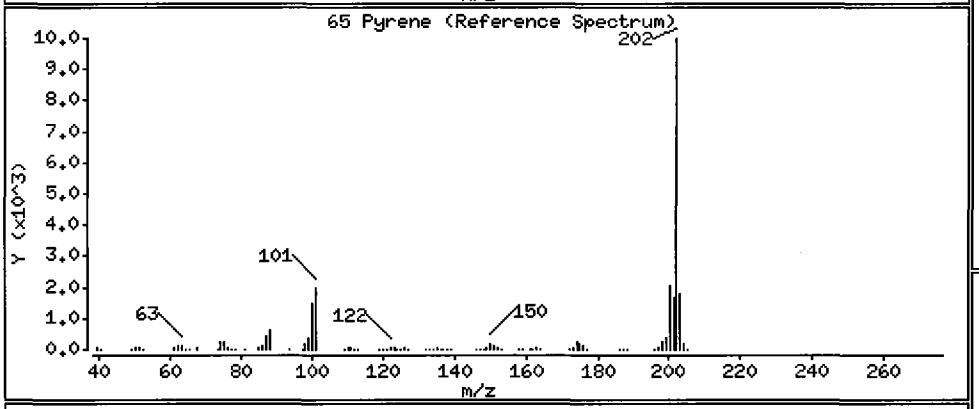
Concentration: 51.75 ug/kg

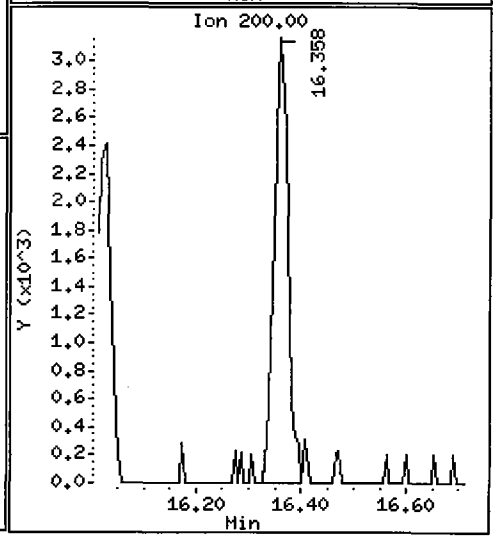


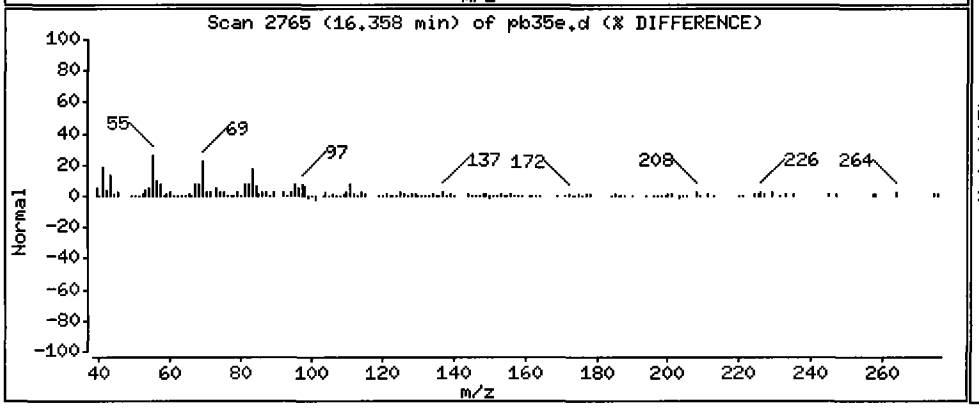












Data File: /chem1/nt6.i/20090615.b/pb35e.d

Date : 15-JUN-2009 17:22

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,3

Volume Injected (uL): 1.0

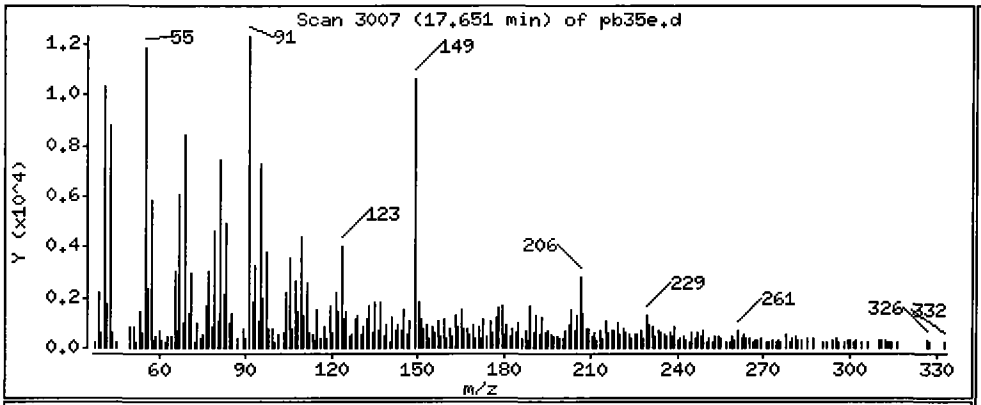
Operator: LJR/VTS

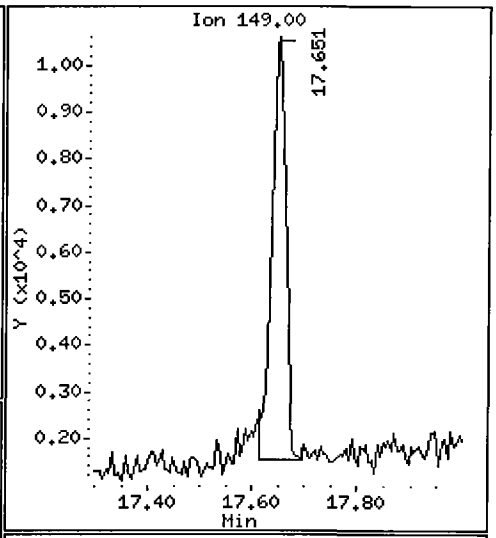
Column phase: ZB-5

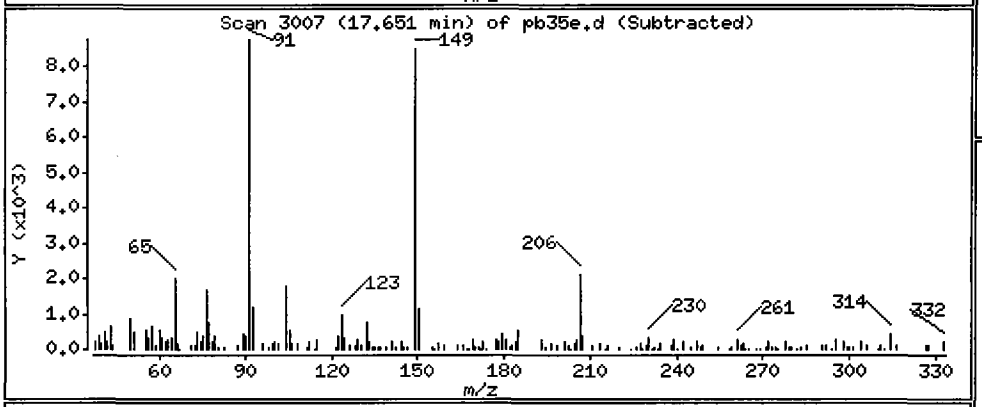
Column diameter: 0.32

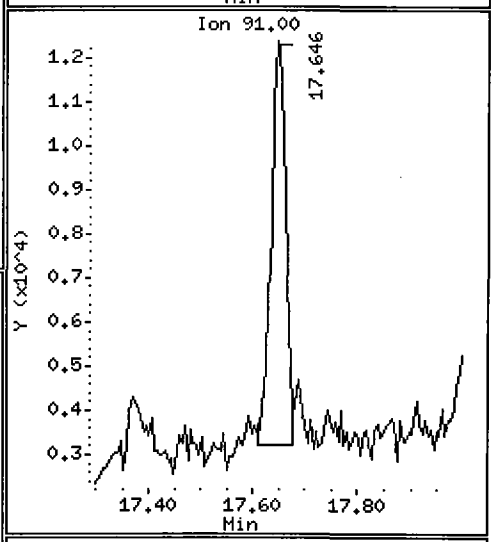
67 Butylbenzylphthalate

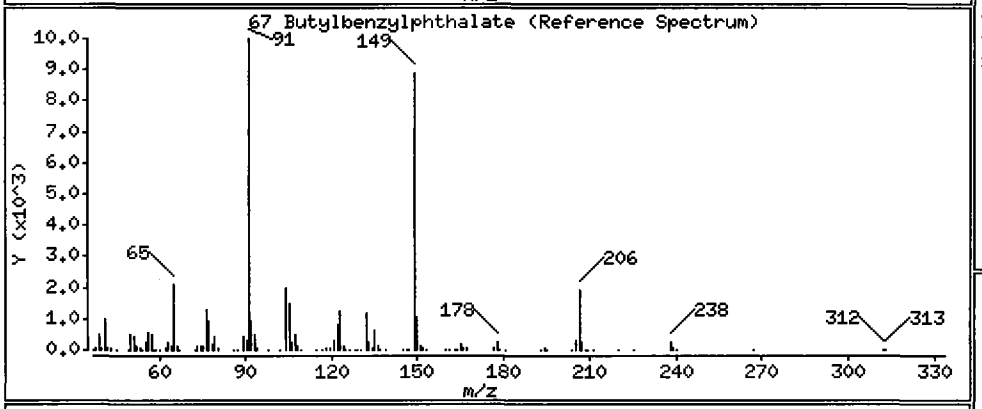
Concentration: 85.33 ug/kg

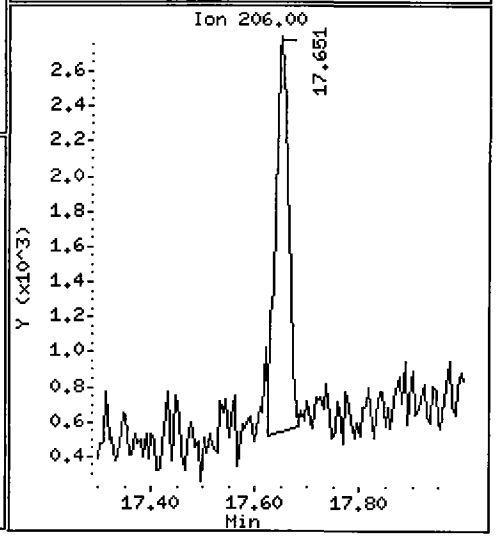


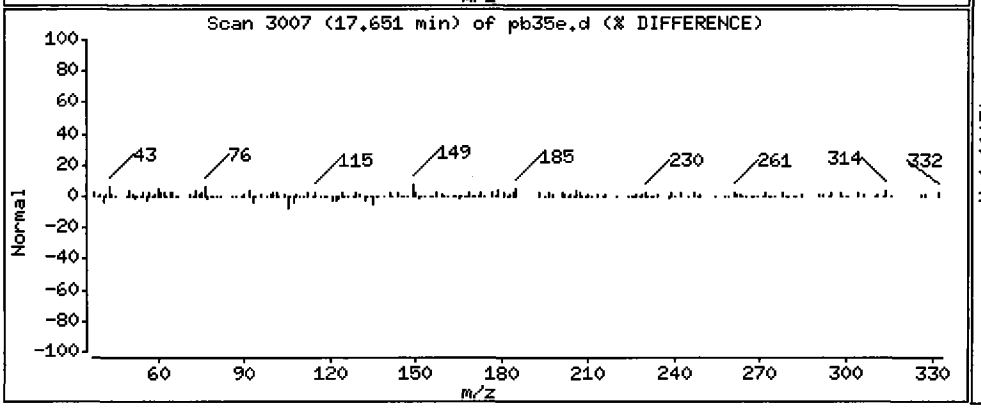












Data File: /chem1/nt6.i/20090615.b/pb35e.d

Date : 15-JUN-2009 17:22

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,3

Volume Injected (uL): 1.0

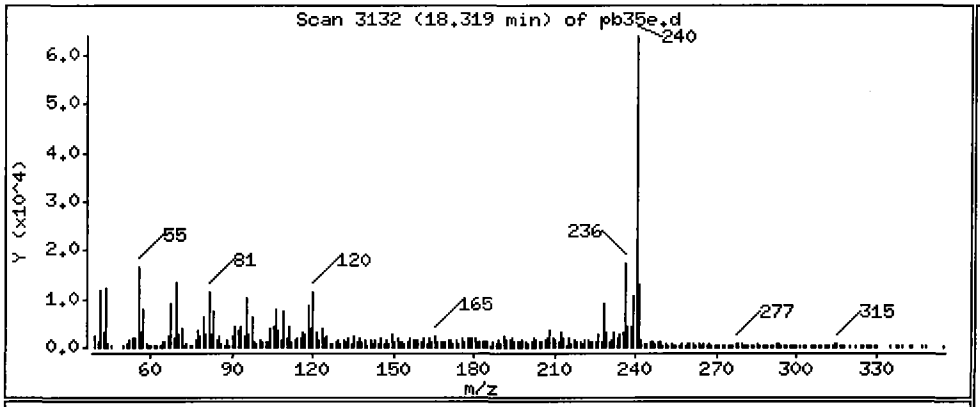
Operator: LJR/VTS

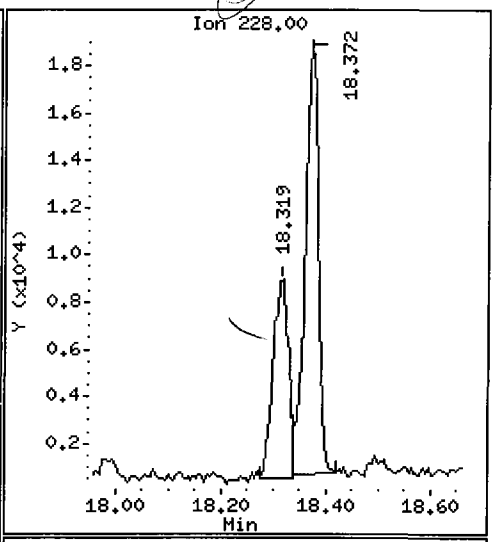
Column phase: ZB-5

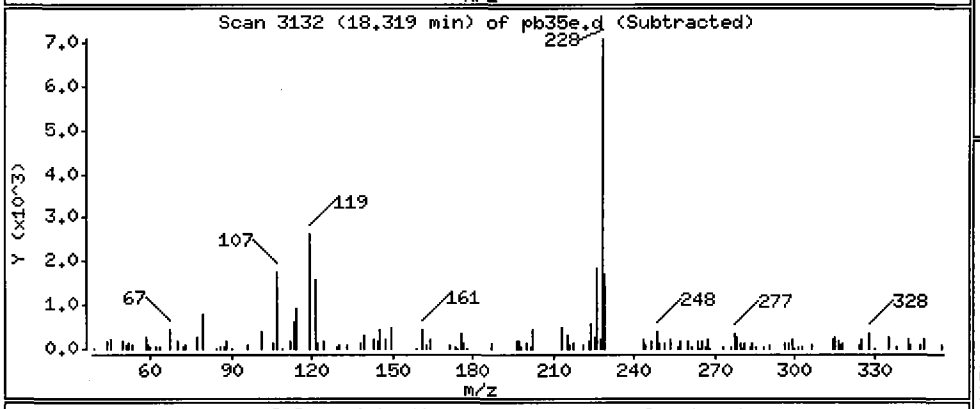
Column diameter: 0.32

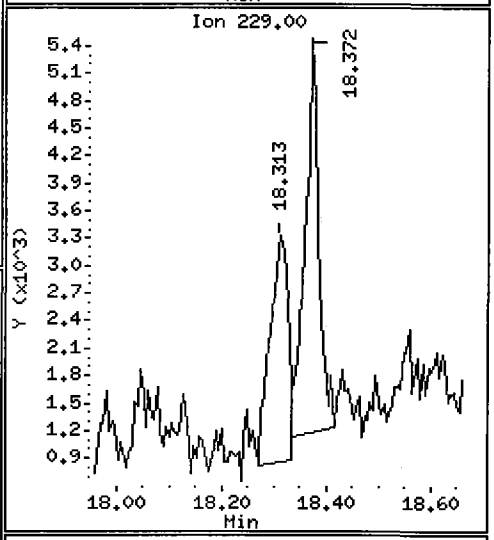
68 Benzo(a)anthracene

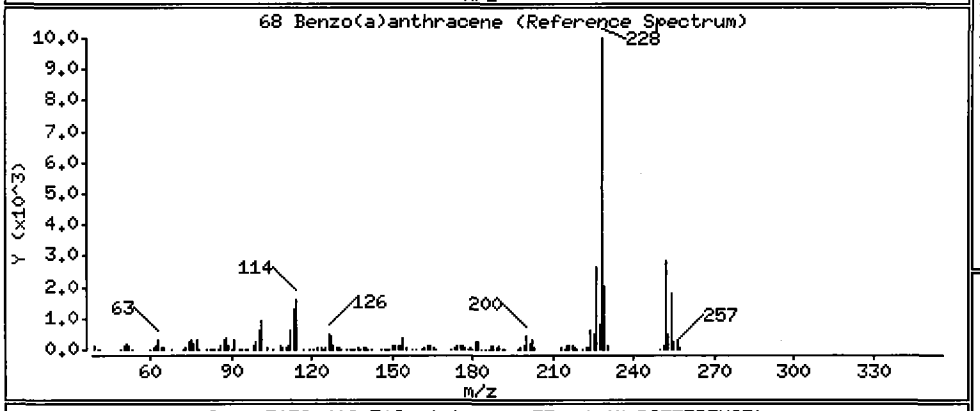
Concentration: 39.71 ug/kg

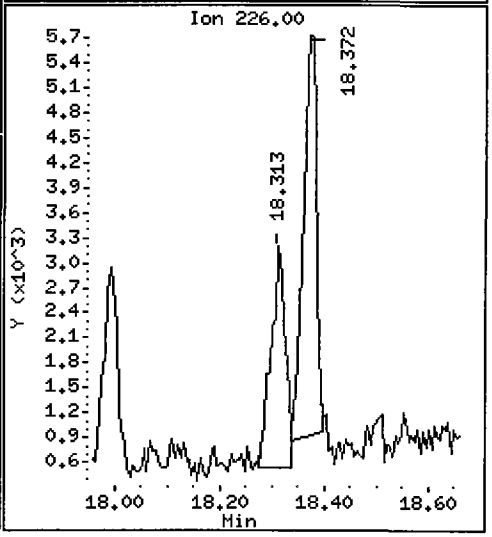


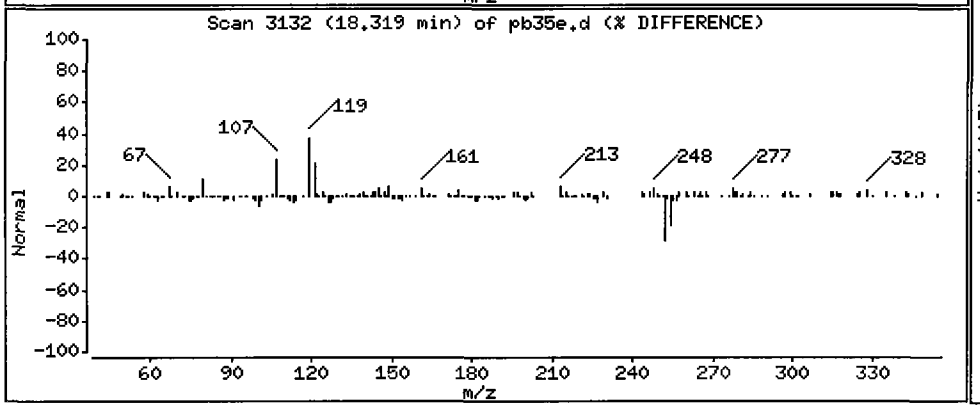












Data File: /chem1/nt6.i/20090615.b/pb35e.d

Date : 15-JUN-2009 17:22

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,3

Volume Injected (uL): 1.0

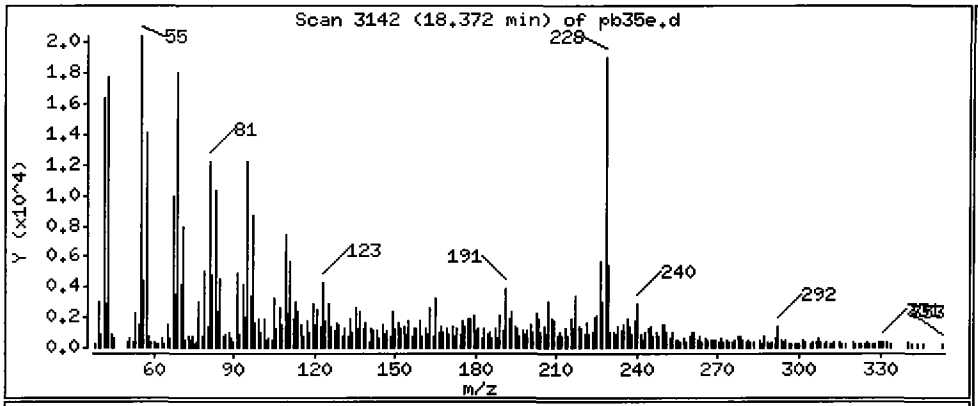
Operator: LJR/VTS

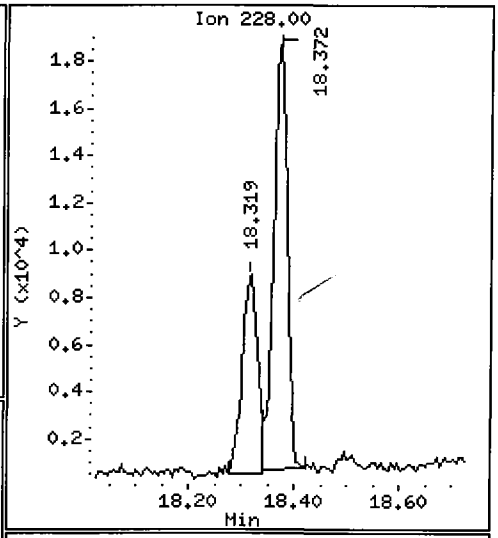
Column phase: ZB-5

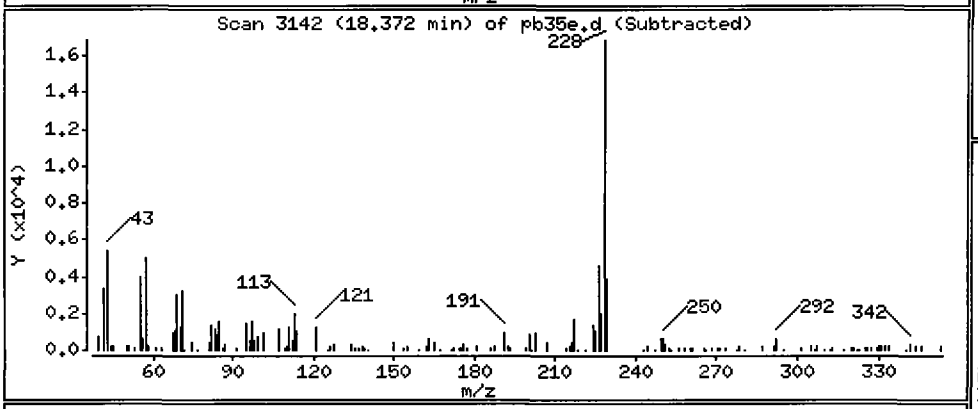
Column diameter: 0.32

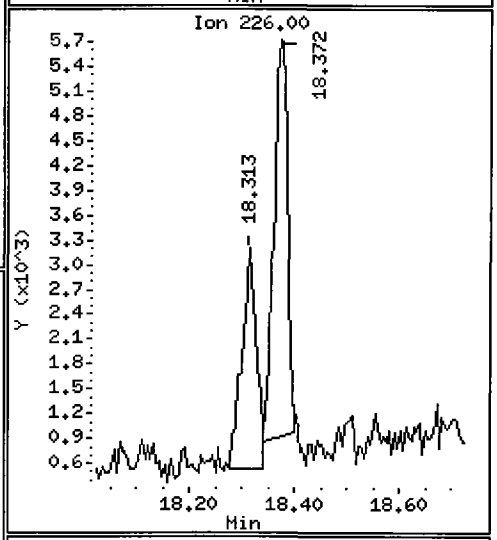
71 Chrysene

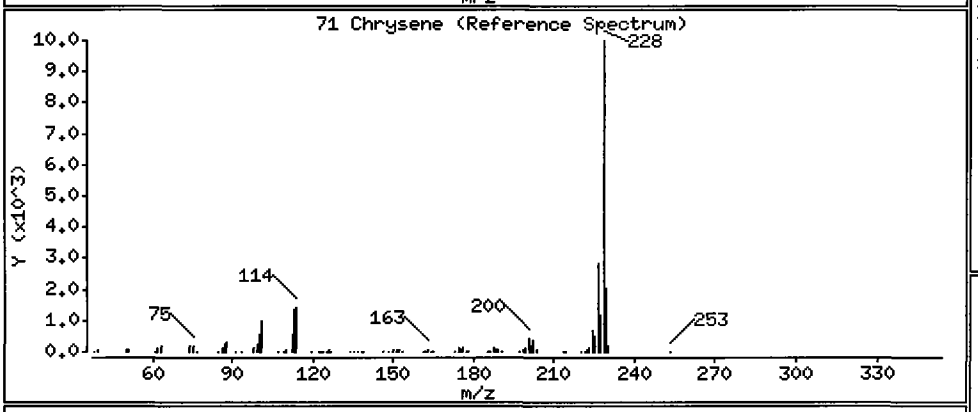
Concentration: 77.22 ug/kg

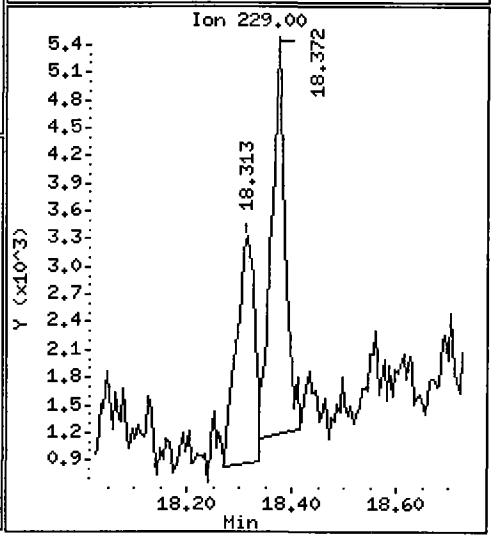


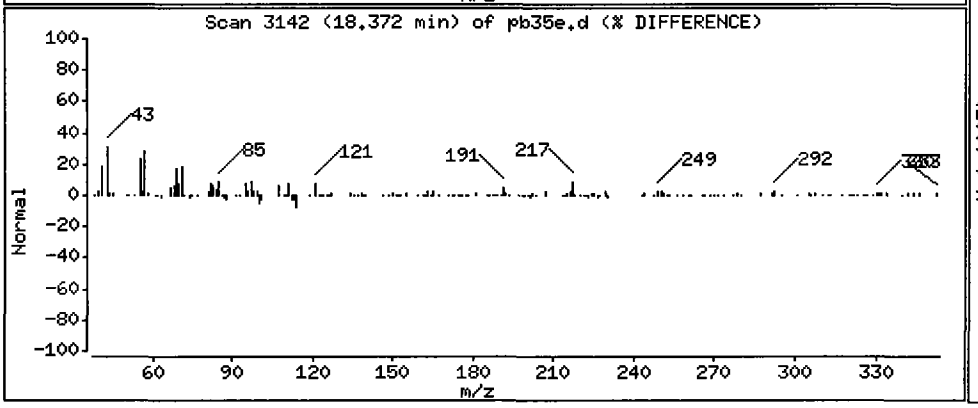












Data File: /chem1/nt6.i/20090615.b/pb35e.d

Date : 15-JUN-2009 17:22

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,3

Volume Injected (uL): 1.0

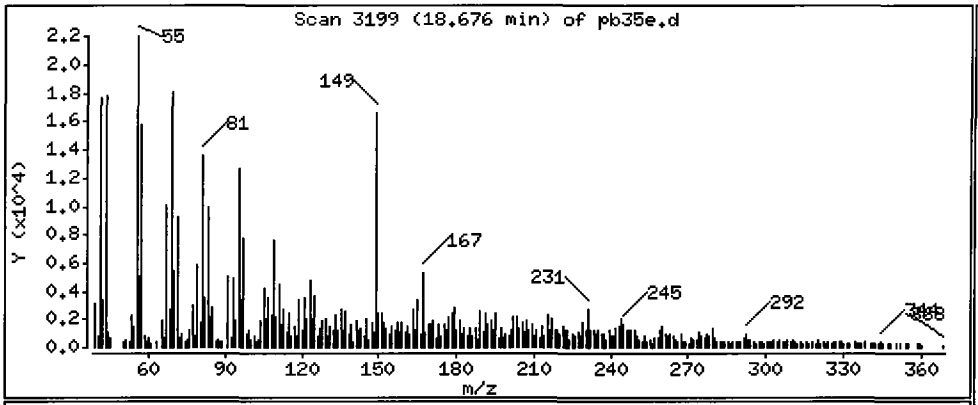
Operator: LJR/VTS

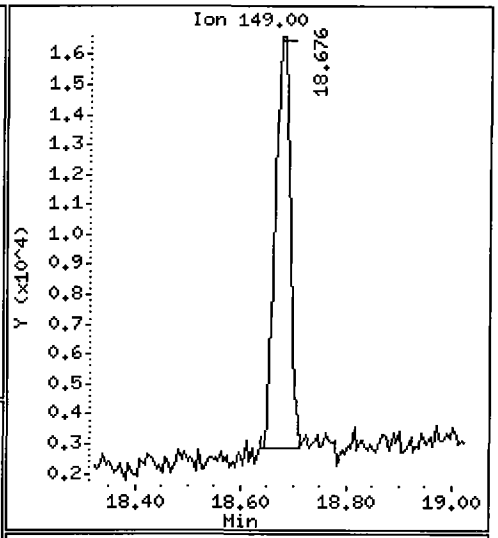
Column phase: ZB-5

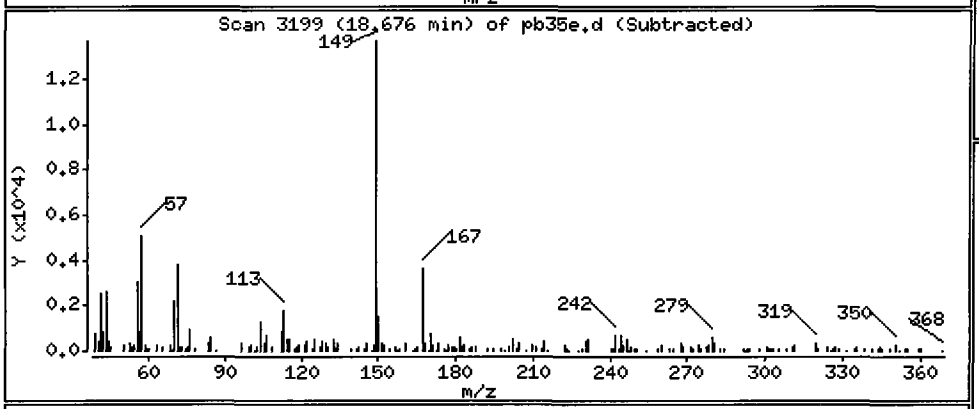
Column diameter: 0.32

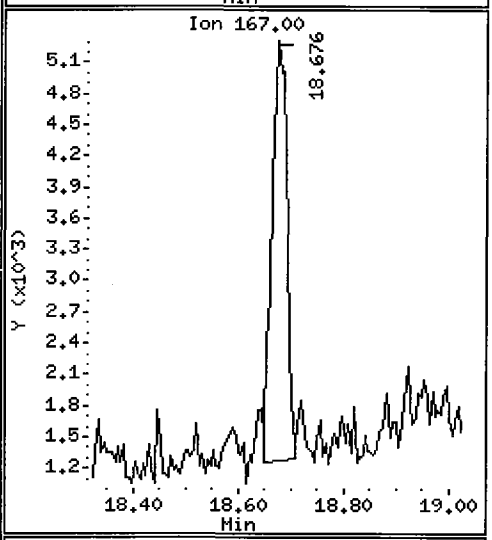
72 bis(2-Ethylhexyl)phthalate

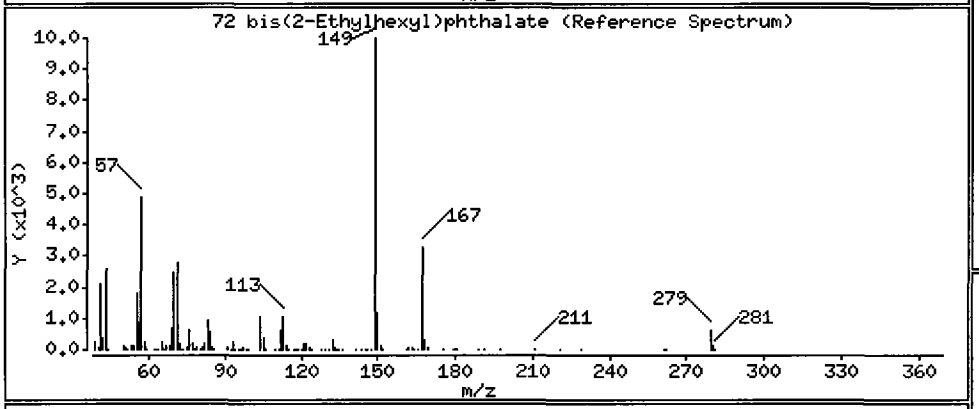
Concentration: 91.30 ug/kg

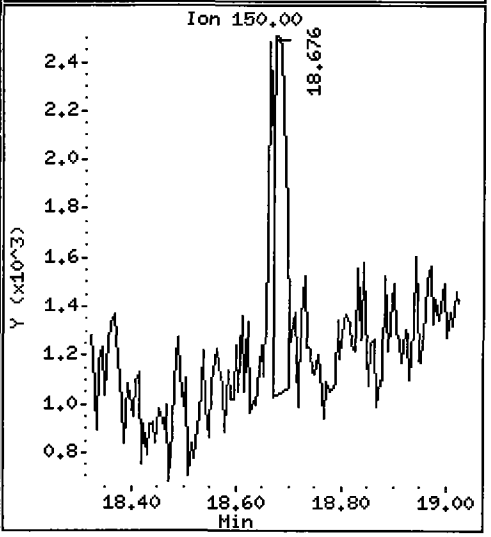


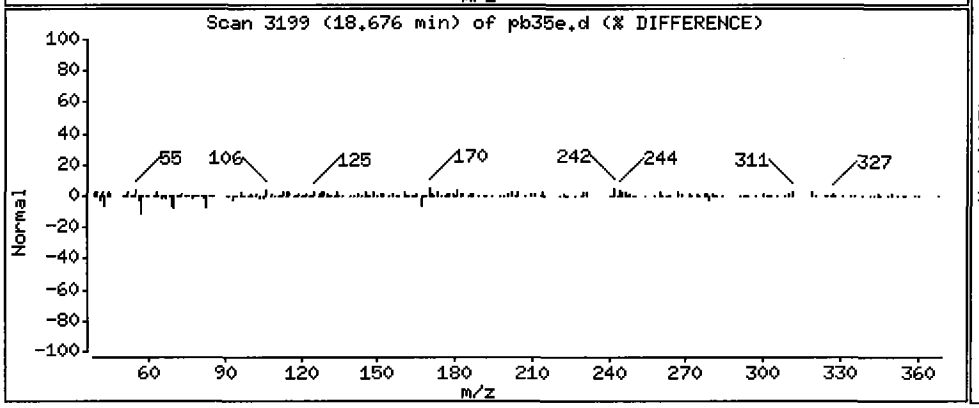












Data File: /chem1/nt6.i/20090615.b/pb35e.d

Date : 15-JUN-2009 17:22

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,3

Volume Injected (uL): 1.0

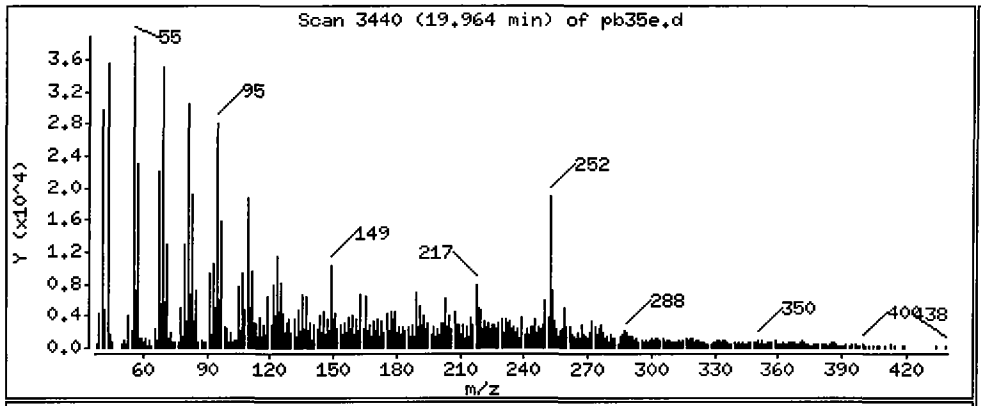
Operator: LJR/VTS

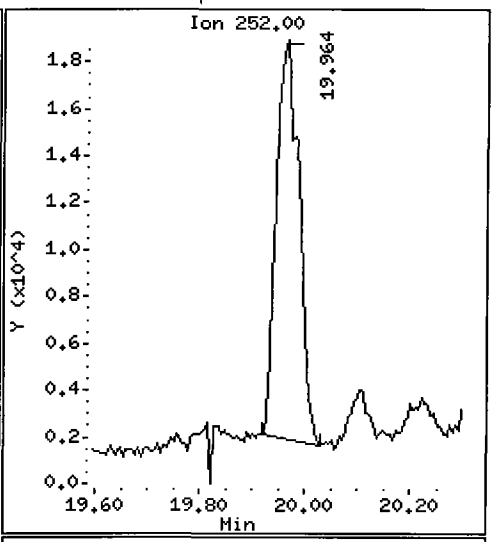
Column phase: ZB-5

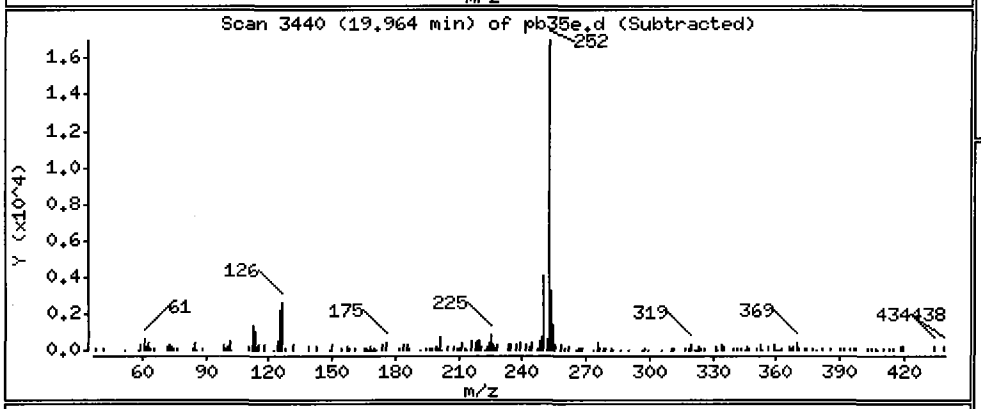
Column diameter: 0.32

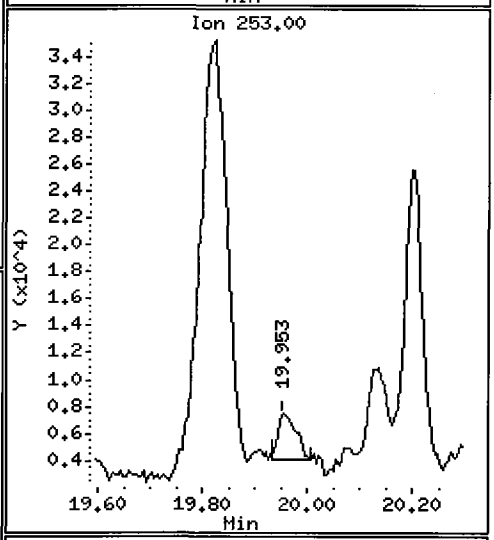
74 Benzo(b)fluoranthene

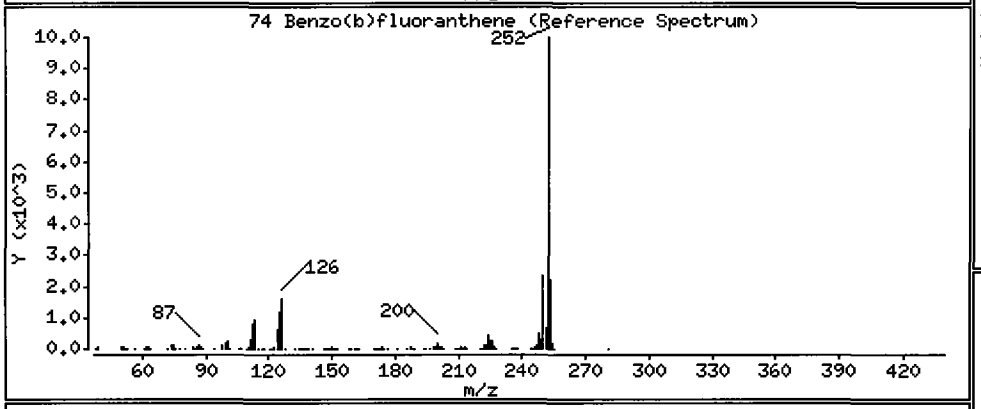
Concentration: 87.10 ug/kg

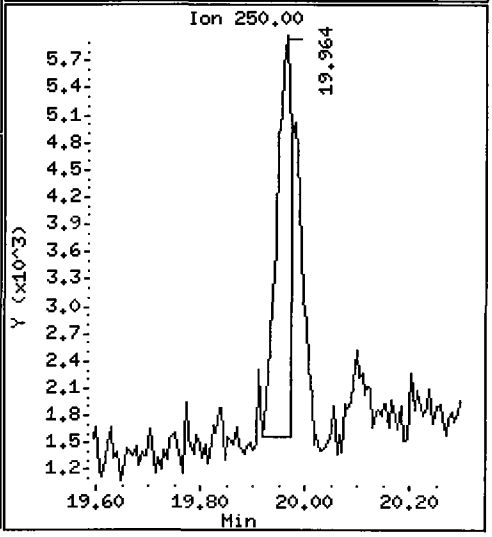


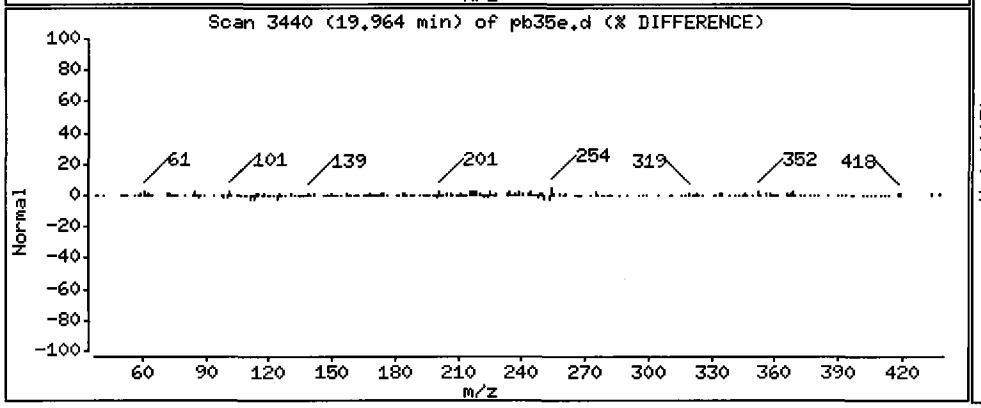












Data File: /chem1/nt6.i/20090615.b/pb35e.d

Date : 15-JUN-2009 17:22

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

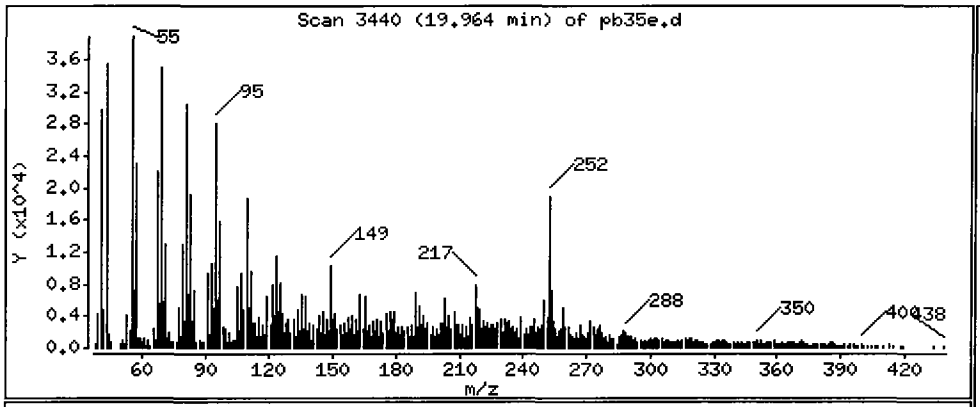
Column phase: ZB-5

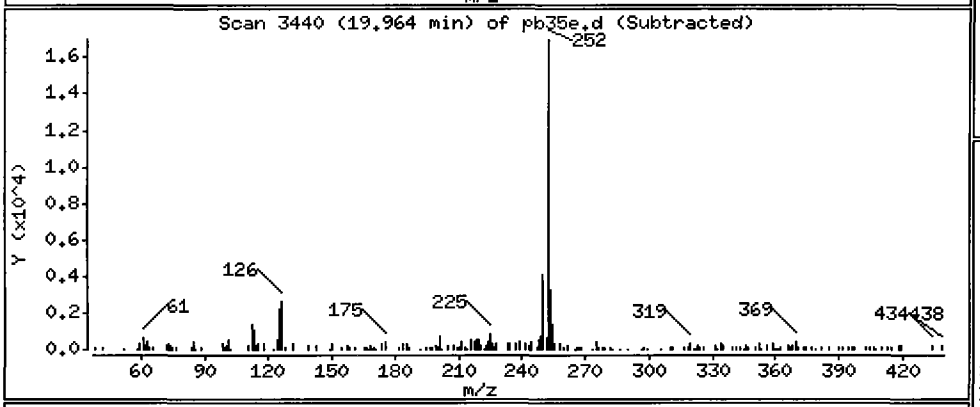
Column diameter: 0.32

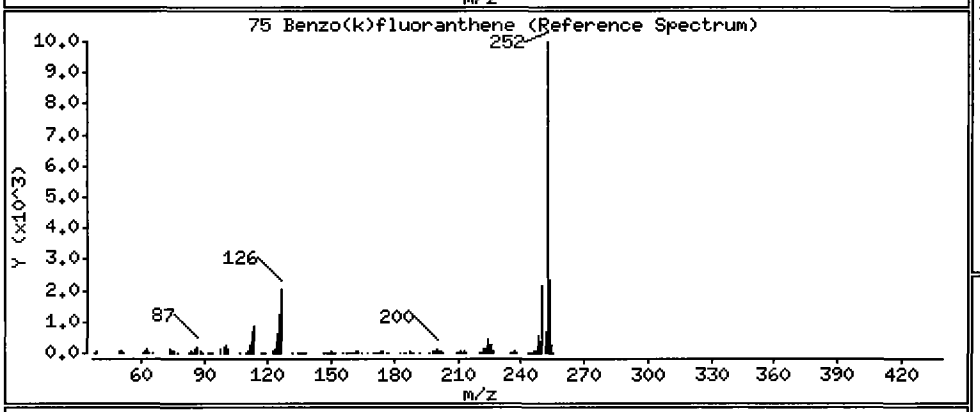
11/25 LJR

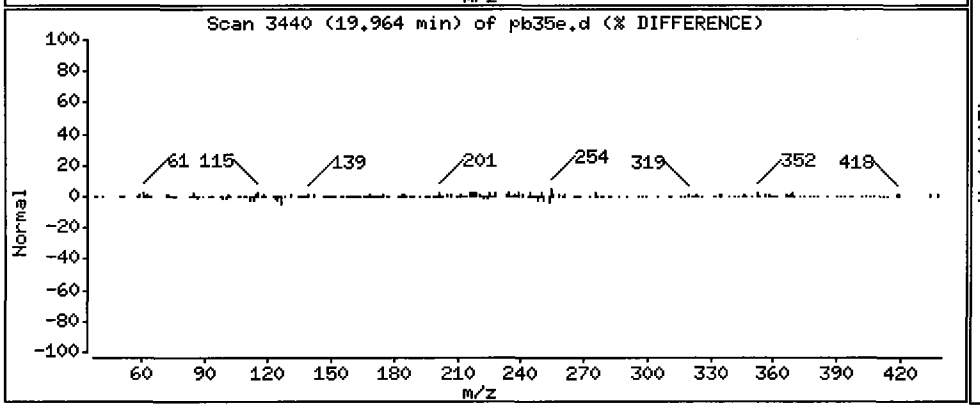
75 Benzo(k)fluoranthene

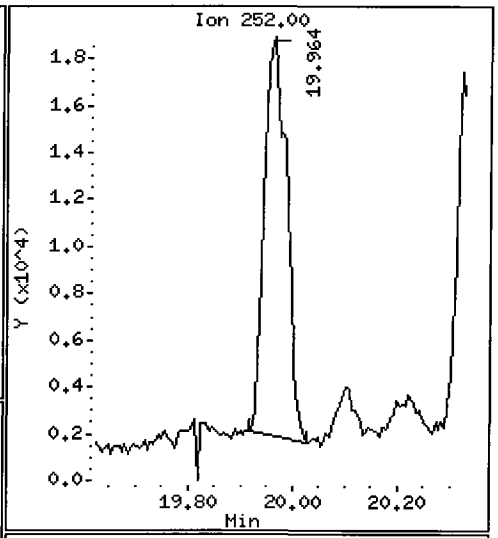
Concentration: 84.80 ug/kg

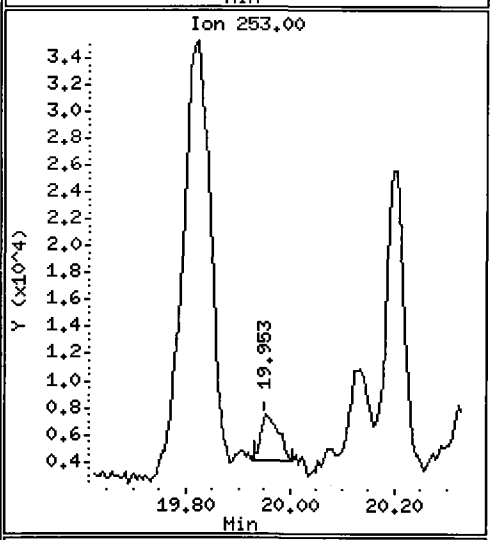


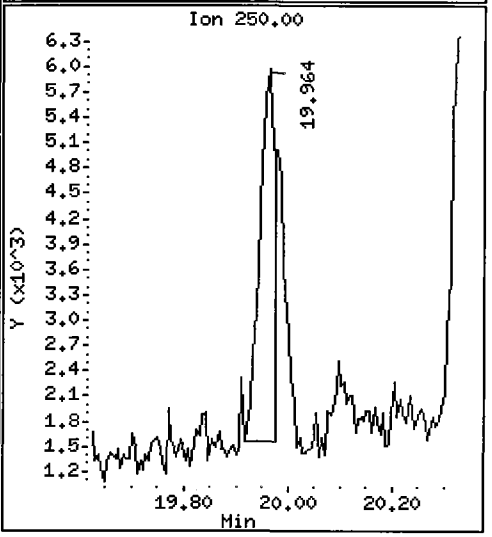












Data File: /chem1/nt6.i/20090615.b/pb35e.d

Date : 15-JUN-2009 17:22

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,3

Volume Injected (uL): 1.0

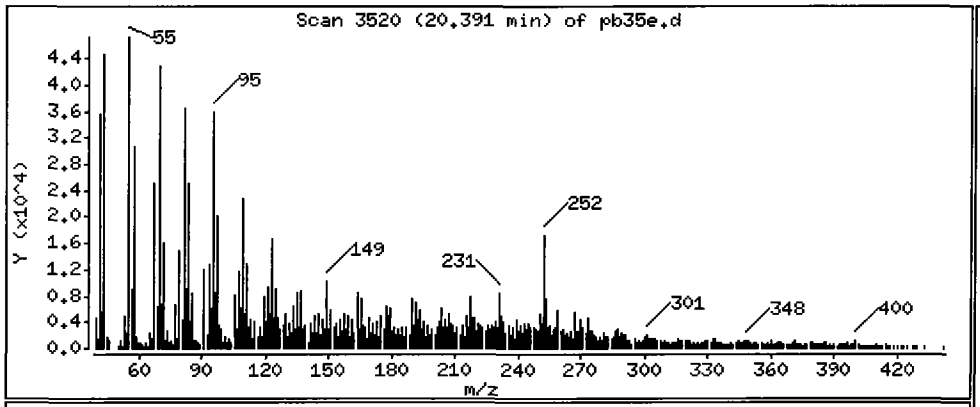
Operator: LJR/VTS

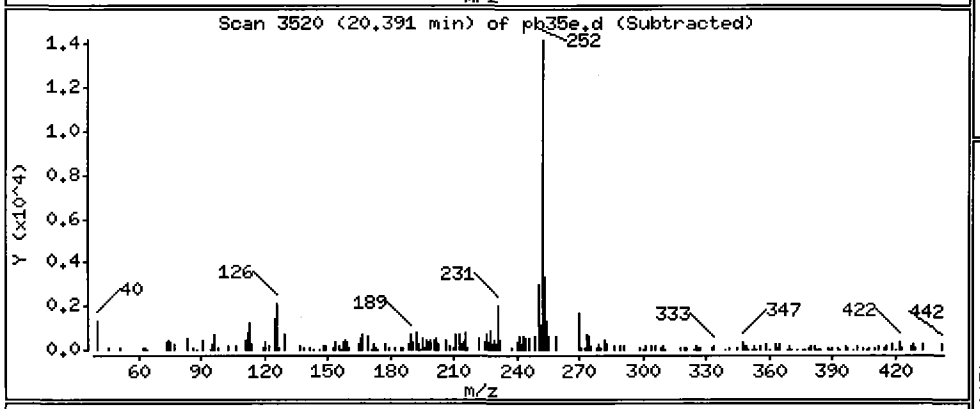
Column phase: ZB-5

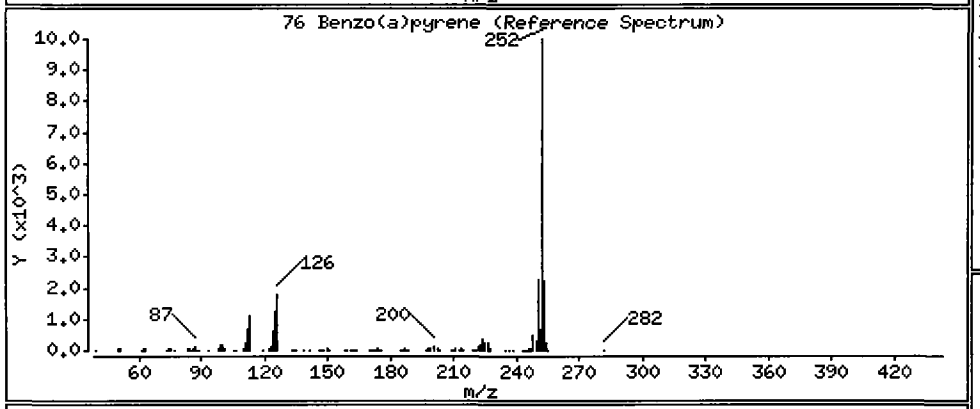
Column diameter: 0.32

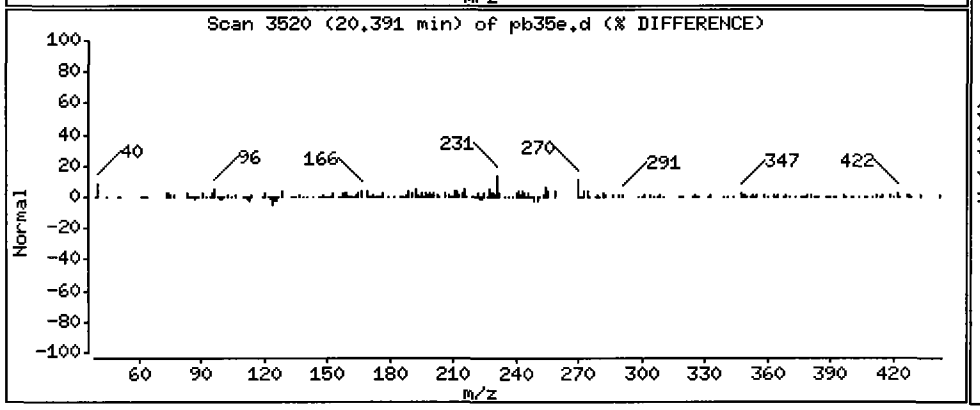
76 Benzo(a)pyrene

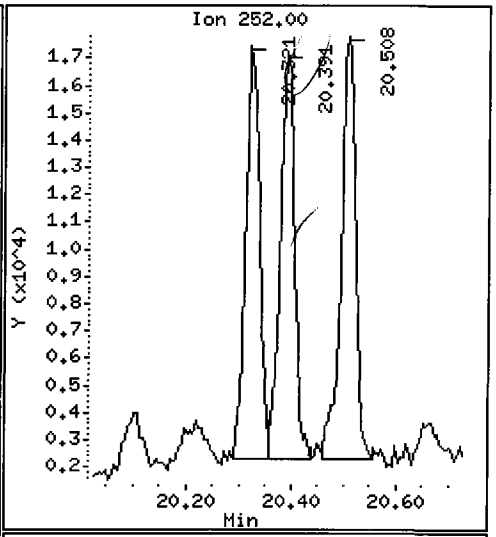
Concentration: 53.42 ug/kg

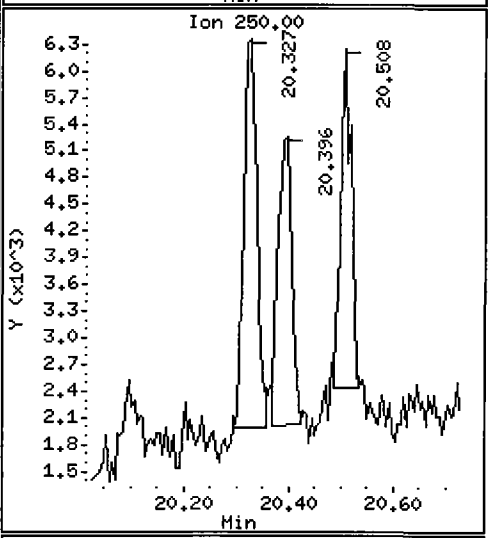


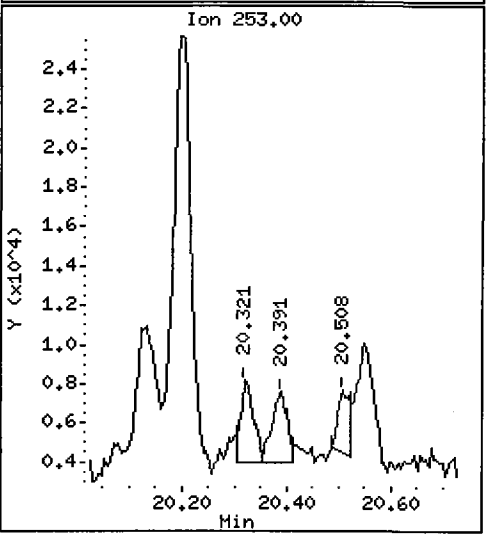












Data File: /chem1/nt6.i/20090615.b/pb35e.d

Date : 15-JUN-2009 17:22

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,3

Volume Injected (uL): 1.0

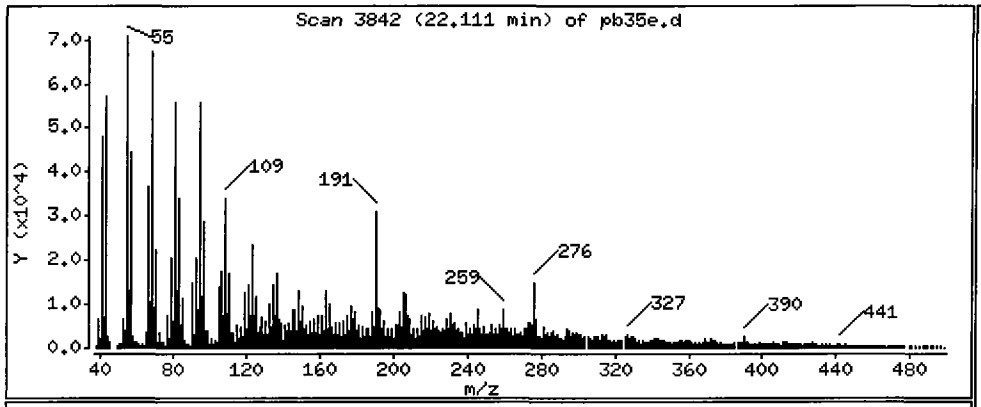
Operator: LJR/VTS

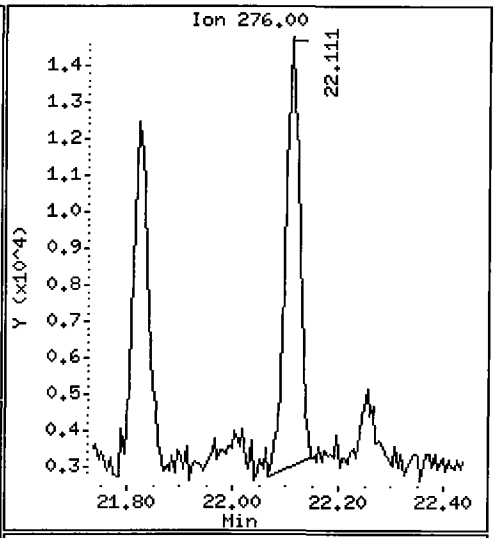
Column phase: ZB-5

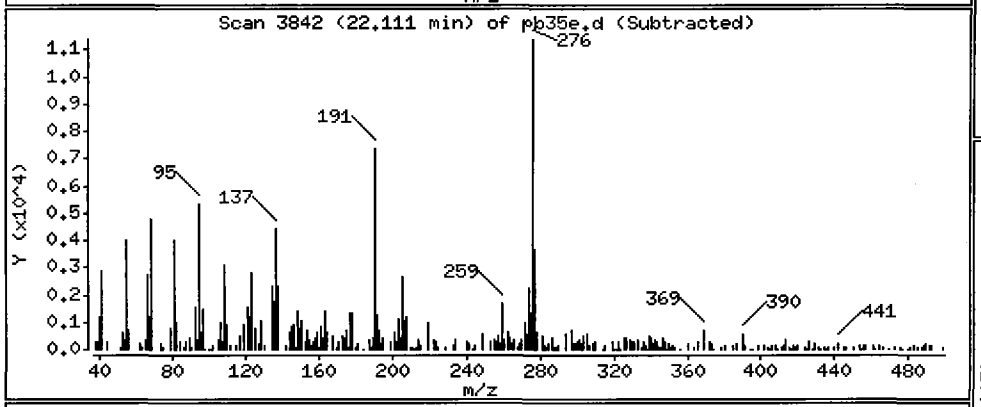
Column diameter: 0.32

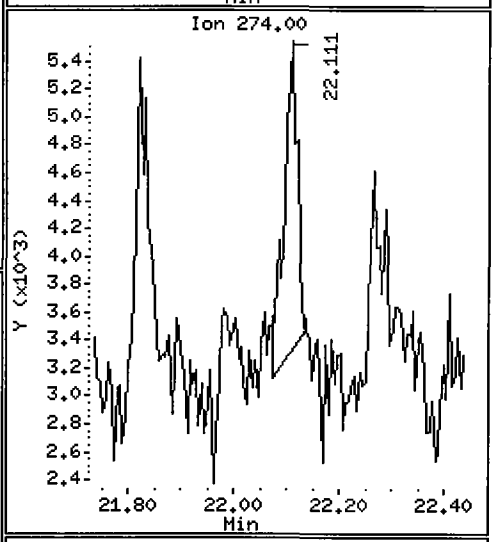
80 Benzo(g,h,i)perylene

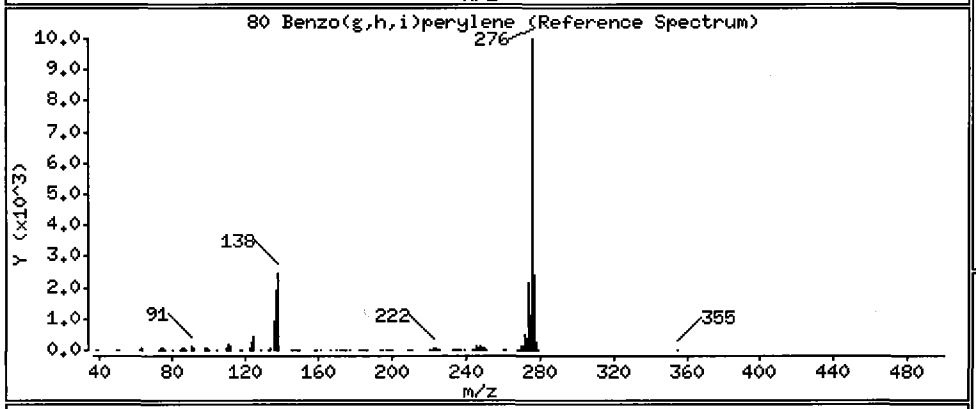
Concentration: 35.55 ug/kg

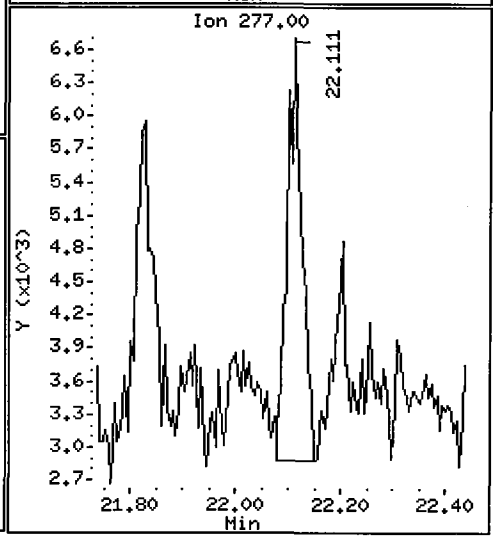


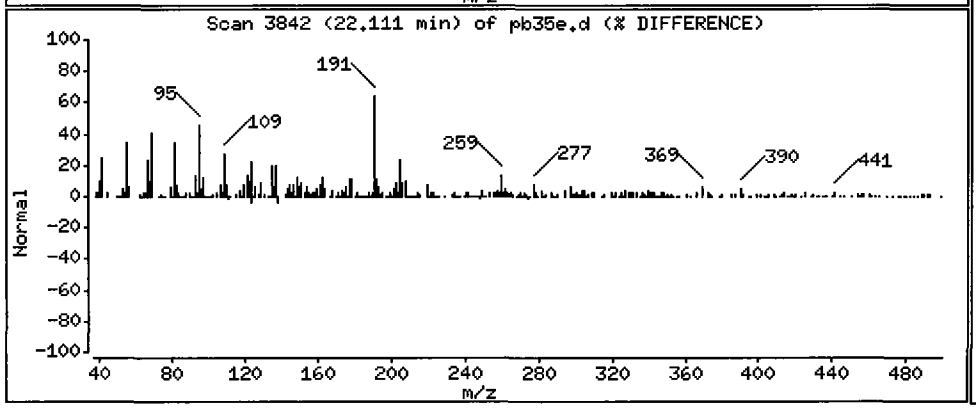












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED1-C
DILUTION

Lab Sample ID: PB35E
LIMS ID: 09-12721
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 19:34
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 22.6 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 10.0
Percent Moisture: 46.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	220	< 220 U
541-73-1	1,3-Dichlorobenzene	220	< 220 U
106-46-7	1,4-Dichlorobenzene	220	< 220 U
100-51-6	Benzyl Alcohol	220	< 220 U
95-50-1	1,2-Dichlorobenzene	220	< 220 U
95-48-7	2-Methylphenol	220	< 220 U
106-44-5	4-Methylphenol	220	< 220 U
67-72-1	Hexachloroethane	220	< 220 U
105-67-9	2,4-Dimethylphenol	220	< 220 U
65-85-0	Benzoic Acid	2,200	< 2,200 U
120-82-1	1,2,4-Trichlorobenzene	220	< 220 U
91-20-3	Naphthalene	220	< 220 U
87-68-3	Hexachlorobutadiene	220	< 220 U
91-57-6	2-Methylnaphthalene	220	< 220 U
131-11-3	Dimethylphthalate	220	< 220 U
208-96-8	Acenaphthylene	220	< 220 U
83-32-9	Acenaphthene	220	< 220 U
132-64-9	Dibenzofuran	220	< 220 U
84-66-2	Diethylphthalate	220	< 220 U
86-73-7	Fluorene	220	< 220 U
86-30-6	N-Nitrosodiphenylamine	220	< 220 U
118-74-1	Hexachlorobenzene	220	< 220 U
87-86-5	Pentachlorophenol	1,100	< 1,100 U
85-01-8	Phenanthrene	220	< 220 U
120-12-7	Anthracene	220	< 220 U
84-74-2	Di-n-Butylphthalate	220	< 220 U
206-44-0	Fluoranthene	220	< 220 U
129-00-0	Pyrene	220	< 220 U
85-68-7	Butylbenzylphthalate	220	< 220 U
56-55-3	Benzo(a)anthracene	220	< 220 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**220**	**130 J**
218-01-9	Chrysene	220	< 220 U
117-84-0	Di-n-Octyl phthalate	220	< 220 U
205-99-2	Benzo(b)fluoranthene	220	< 220 U
207-08-9	Benzo(k)fluoranthene	220	< 220 U
50-32-8	Benzo(a)pyrene	220	< 220 U
193-39-5	Indeno(1,2,3-cd)pyrene	220	< 220 U
53-70-3	Dibenz(a,h)anthracene	220	< 220 U
191-24-2	Benzo(g,h,i)perylene	220	< 220 U
90-12-0	1-Methylnaphthalene	220	< 220 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	66.0%	2-Fluorobiphenyl	64.8%
d14-p-Terphenyl	72.8%	d4-1,2-Dichlorobenzene	53.6%
d5-Phenol	55.2%	2-Fluorophenol	63.2%
2,4,6-Tribromophenol	58.7%	d4-2-Chlorophenol	60.0%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090616.b/pb35edl.d
Lab Smp Id: PB35E Client Smp ID: 3SED1-C
Inj Date : 16-JUN-2009 19:34
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35E,10
Misc Info : 09-12721
Comment : 1ul Injection
Method : /chem1/nt6.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 11:06 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 15
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	42.50000	Weight of sample extracted (g)
M	46.80000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.665	4.638	(0.692)	17983	2.37311	524.8
$	2 Phenol-d5	99	6.454	6.428	(0.958)	21093	2.07281	458.4
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.449	6.438	(0.957)	13935	2.24725	497.0
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.737	6.732	(1.000)	91915	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.036	7.036	(1.044)	6139	1.34129	296.6
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	7.698	7.704	(0.874)	14816	1.64632	364.1
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.804	8.804	(1.000)	293032	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.625	10.626	(0.913)	20064	1.61800	357.8
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.640	11.635	(1.000)	166948	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.922	12.917	(1.110)	3505	2.20185	486.9
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	13.969	13.964	(1.000)	254038	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	Compound Not Detected.					
$	66 Terphenyl-d14	244	16.618	16.613	(0.912)	22239	1.81531	401.4
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	18.215	18.210	(1.000)	229368	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	Compound Not Detected.					
	72 bis(2-Ethylhexyl)phthalate	149	18.568	18.557	(0.953)	6137	0.58256	128.8(M)
*	134 Di-n-octylphthalate-d4	153	19.492	19.486	(1.000)	339657	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	Compound Not Detected.					
	75 Benzo(k)fluoranthene	252	Compound Not Detected.					
	76 Benzo(a)pyrene	252	Compound Not Detected.					
*	77 Perylene-d12	264	20.341	20.325	(1.000)	170064	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35edl.d
Lab Smp Id: PB35E
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090616.b/SW846.m
Misc Info: 09-12721

Calibration Date: 16-JUN-2009
Calibration Time: 11:54
Client Smp ID: 3SED1-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	91915	-18.22
27 Naphthalene-d8	384492	192246	768984	293032	-23.79
42 Acenaphthene-d10	217478	108739	434956	166948	-23.23
59 Phenanthrene-d10	336594	168297	673188	254038	-24.53
69 Chrysene-d12	247160	123580	494320	229368	-7.20
134 Di-n-octylphthala	347036	173518	694072	339657	-2.13
77 Perylene-d12	232938	116469	465876	170064	-26.99

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.73	6.23	7.23	6.74	0.08
27 Naphthalene-d8	8.80	8.30	9.30	8.80	0.00
42 Acenaphthene-d10	11.64	11.14	12.14	11.64	0.04
59 Phenanthrene-d10	13.96	13.46	14.46	13.97	0.04
69 Chrysene-d12	18.21	17.71	18.71	18.22	0.03
134 Di-n-octylphthala	19.49	18.99	19.99	19.49	0.03
77 Perylene-d12	20.32	19.82	20.82	20.34	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35E
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090616.b/SW846.m
Misc Info: 09-12721

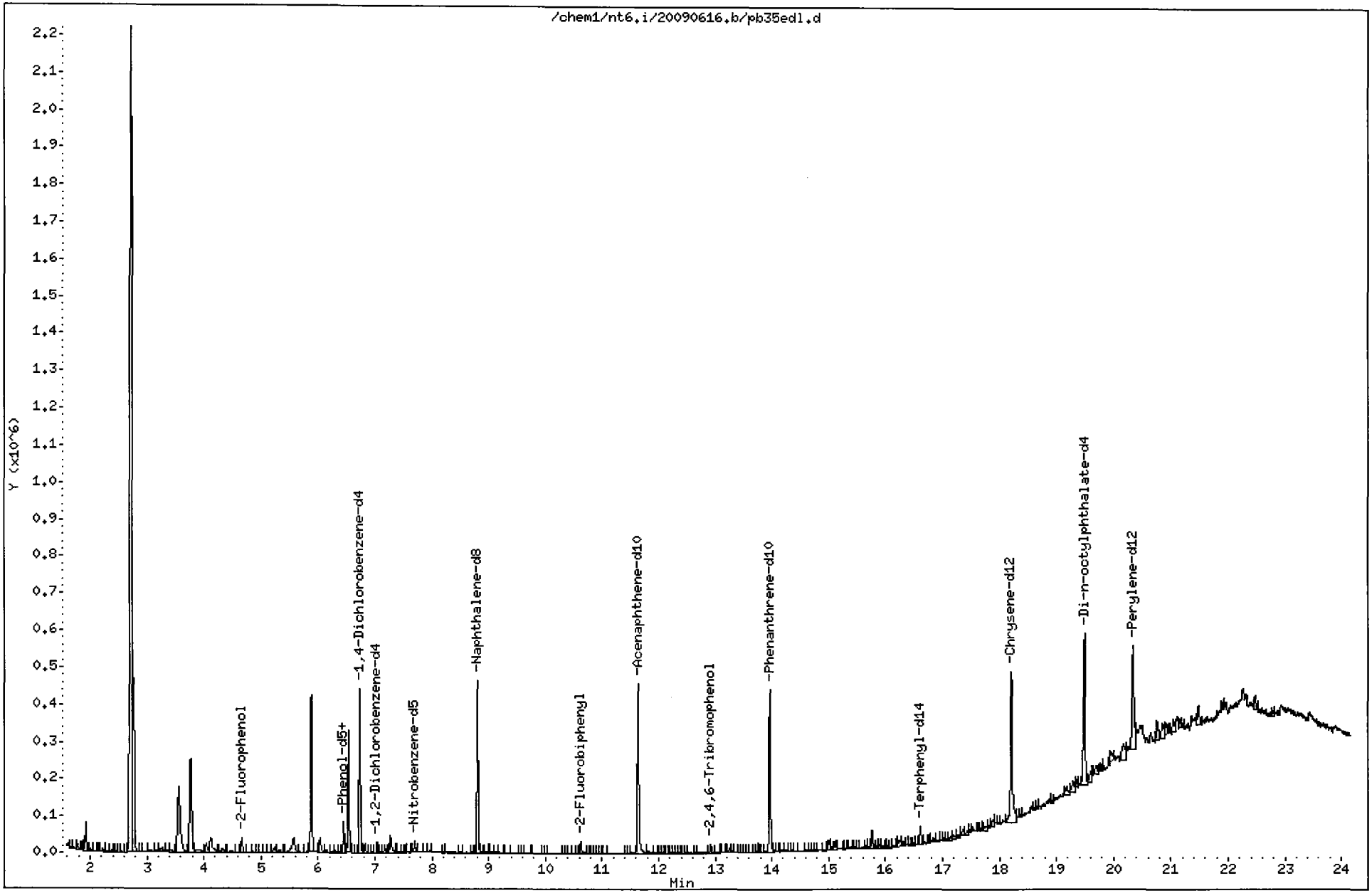
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED1-C
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	829.3	524.8	63.28	21-100
$ 2 Phenol-d5	829.3	458.4	55.27	10-100
$ 5 2-Chlorophenol-d4	829.3	497.0	59.93	30-100
$ 10 1,2-Dichlorobenzen	552.9	296.6	53.65	24-100
$ 18 Nitrobenzene-d5	552.9	364.1	65.85	26-100
$ 36 2-Fluorobiphenyl	552.9	357.8	64.72	32-100
$ 55 2,4,6-Tribromophen	829.3	486.9	58.72	33-118
$ 66 Terphenyl-d14	552.9	401.4	72.61	21-97

Data File: /chem1/nt6.i/20090616.b/pb35ed1.d
Date : 16-JUN-2009 19:34
Client ID: 3SED1-C
Sample Info: PB35E,10
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

PB35:00169



Data File: /chem1/nt6.i/20090616.b/pb35ed1.d

Date : 16-JUN-2009 19:34

Client ID: 3SED1-C

Instrument: nt6.i

Sample Info: PB35E,10

Volume Injected (uL): 1.0

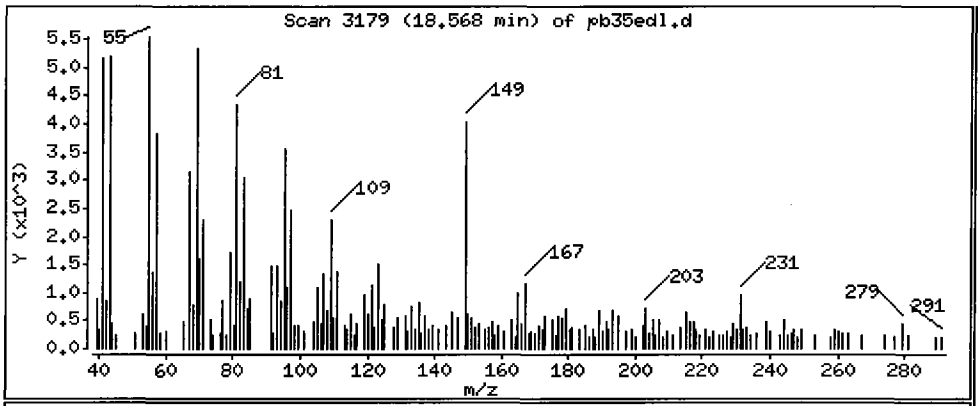
Operator: LJR/VTS

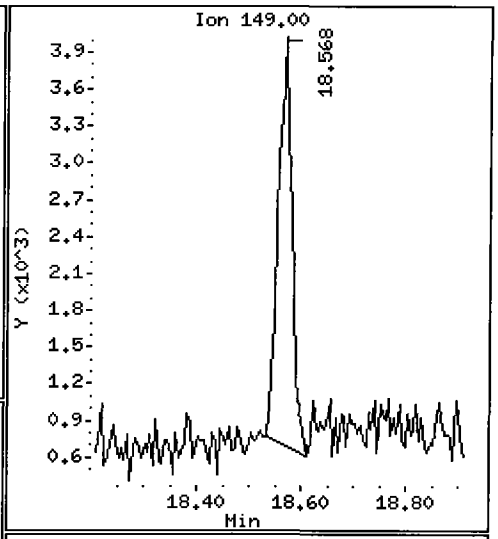
Column phase: ZB-5

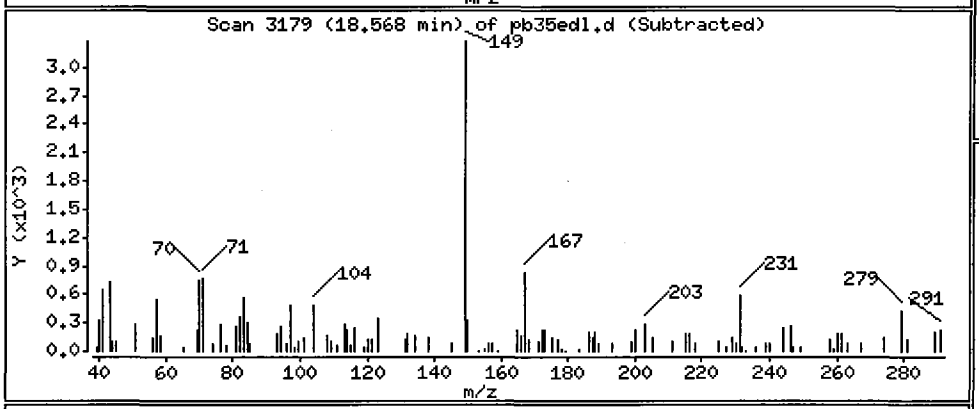
Column diameter: 0.32

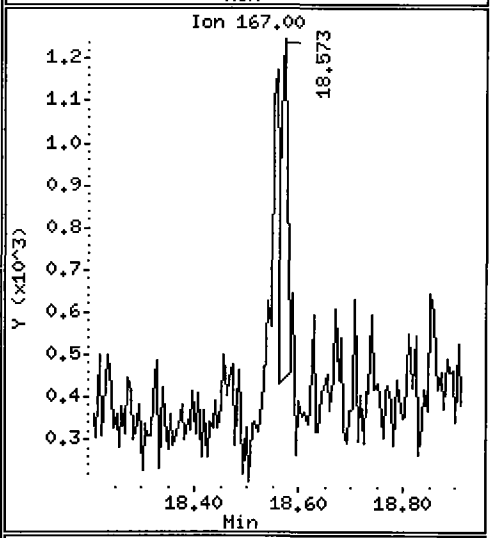
72 bis(2-Ethylhexyl)phthalate

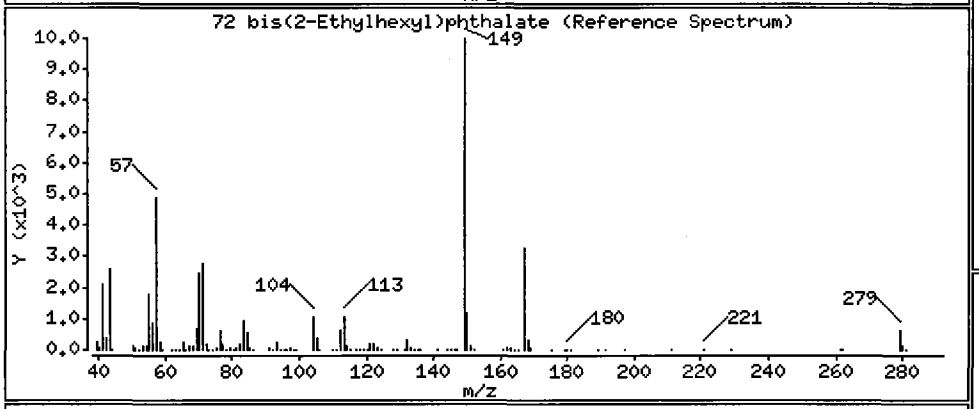
Concentration: 128.8 ug/kg

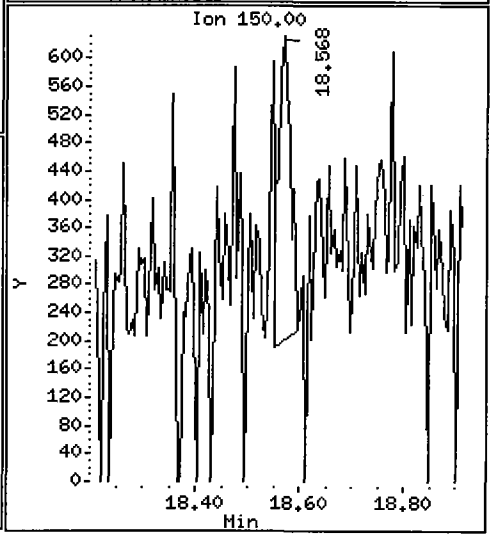


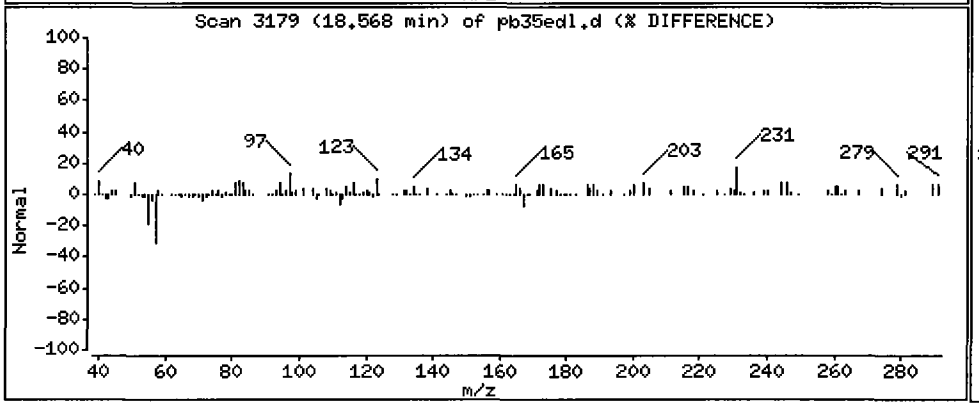












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED2-A
SAMPLE

Lab Sample ID: PB35G
LIMS ID: 09-12723
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 17:55
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	58	< 58 U
541-73-1	1,3-Dichlorobenzene	58	< 58 U
106-46-7	1,4-Dichlorobenzene	58	< 58 U
100-51-6	Benzyl Alcohol	58	< 58 U
95-50-1	1,2-Dichlorobenzene	58	< 58 U
95-48-7	2-Methylphenol	58	< 58 U
106-44-5	4-Methylphenol	58	< 58 U
67-72-1	Hexachloroethane	58	< 58 U
105-67-9	2,4-Dimethylphenol	58	< 58 U
65-85-0	Benzoic Acid	580	< 580 U
120-82-1	1,2,4-Trichlorobenzene	58	< 58 U
91-20-3	Naphthalene	58	< 58 U
87-68-3	Hexachlorobutadiene	58	< 58 U
91-57-6	2-Methylnaphthalene	58	< 58 U
131-11-3	Dimethylphthalate	58	< 58 U
208-96-8	Acenaphthylene	58	< 58 U
83-32-9	Acenaphthene	58	< 58 U
132-64-9	Dibenzofuran	58	< 58 U
84-66-2	Diethylphthalate	58	< 58 U
86-73-7	Fluorene	58	< 58 U
86-30-6	N-Nitrosodiphenylamine	58	< 58 U
118-74-1	Hexachlorobenzene	58	< 58 U
87-86-5	Pentachlorophenol	290	< 290 U
85-01-8	Phenanthrene	58	< 58 U
120-12-7	**Anthracene**	**58**	**53 J**
84-74-2	Di-n-Butylphthalate	58	< 58 U
206-44-0	**Fluoranthene**	**58**	**42 J**
129-00-0	**Pyrene**	**58**	**59**
85-68-7	Butylbenzylphthalate	58	< 58 U
56-55-3	Benzo(a)anthracene	58	< 58 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**58**	**130**
218-01-9	**Chrysene**	**58**	**41 J**
117-84-0	Di-n-Octyl phthalate	58	< 58 U
205-99-2	Benzo(b)fluoranthene	58	< 58 U
207-08-9	Benzo(k)fluoranthene	58	< 58 U
50-32-8	Benzo(a)pyrene	58	< 58 U
193-39-5	Indeno(1,2,3-cd)pyrene	58	< 58 U
53-70-3	Dibenz(a,h)anthracene	58	< 58 U
191-24-2	Benzo(g,h,i)perylene	58	< 58 U
90-12-0	1-Methylnaphthalene	58	< 58 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.6%	2-Fluorobiphenyl	69.8%
d14-p-Terphenyl	53.0%	d4-1,2-Dichlorobenzene	55.1%
d5-Phenol	64.0%	2-Fluorophenol	59.6%
2,4,6-Tribromophenol	68.6%	d4-2-Chlorophenol	61.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35g.d
Lab Smp Id: PB35G Client Smp ID: 3SED2-A
Inj Date : 15-JUN-2009 17:55
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35G,3
Misc Info : 09-12723
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 7
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	32.00000	Weight of sample extracted (g)
M	19.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$ 1	2-Fluorophenol	112	4.804	4.782	(0.701)	62113	7.45326	434.5
$ 2	Phenol-d5	99	6.561	6.534	(0.958)	89580	8.00461	466.7
3	Phenol	94	Compound Not Detected.					
$ 5	2-Chlorophenol-d4	132	6.566	6.555	(0.959)	52744	7.73438	450.9
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	6.850	6.849	(1.000)	101083	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.154	7.148	(1.044)	23119	4.59308	267.8
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	7.806	7.810	(0.875)	54632	5.12711	298.9
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	Compound Not Detected.					
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	8.917	8.916	(1.000)	346954	20.0000	
28	Naphthalene	128	Compound Not Detected.					
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	Compound Not Detected.					
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	10.732	10.732	(0.914)	77911	5.81812	339.2
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	11.747	11.747	(1.000)	180284	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	Compound Not Detected.					
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.034	13.034	(1.110)	14733	8.57068	499.7
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.087	14.081	(1.000)	279330	20.0000	
60	Phenanthrene	178	Compound Not Detected.					
61	Anthracene	178	14.188	14.188	(1.007)	16364	0.91041 LDL	53.08
62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.031	16.025	(1.138)	12985	0.71736 LDL	41.82
65	Pyrene	202	16.367	16.361	(0.892)	31147	1.01388	59.11
$ 66	Terphenyl-d14	244	16.736	16.730	(0.912)	87520	4.41882	257.6
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.344	18.338	(1.000)	370825	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.381	18.375	(1.002)	18584	0.70914 LDL	41.34
72	bis(2-Ethylhexyl)phthalate	149	18.685	18.674	(0.953)	40290	2.25729	131.6
* 134	Di-n-octylphthalate-d4	153	19.615	19.603	(1.000)	575490	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.962	19.945	(0.974)	21871	0.63399 > T	36.96(M) 0.313
75	Benzo(k)fluoranthene	252	19.962	19.977	(0.974)	21872	0.61728	35.99(M) 0.313
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	20.485	20.453	(1.000)	476053	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35g.d
Lab Smp Id: PB35G
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12723

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED2-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	101083	-10.06
27 Naphthalene-d8	384492	192246	768984	346954	-9.76
42 Acenaphthene-d10	217478	108739	434956	180284	-17.10
59 Phenanthrene-d10	336594	168297	673188	279330	-17.01
69 Chrysene-d12	247160	123580	494320	370825	50.03
134 Di-n-octylphthala	347036	173518	694072	575490	65.83
77 Perylene-d12	232938	116469	465876	476053	104.37 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.01
27 Naphthalene-d8	8.92	8.42	9.42	8.92	0.01
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.00
59 Phenanthrene-d10	14.08	13.58	14.58	14.09	0.04
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.03
134 Di-n-octylphthala	19.60	19.10	20.10	19.61	0.06
77 Perylene-d12	20.45	19.95	20.95	20.49	0.16

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35G
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12723

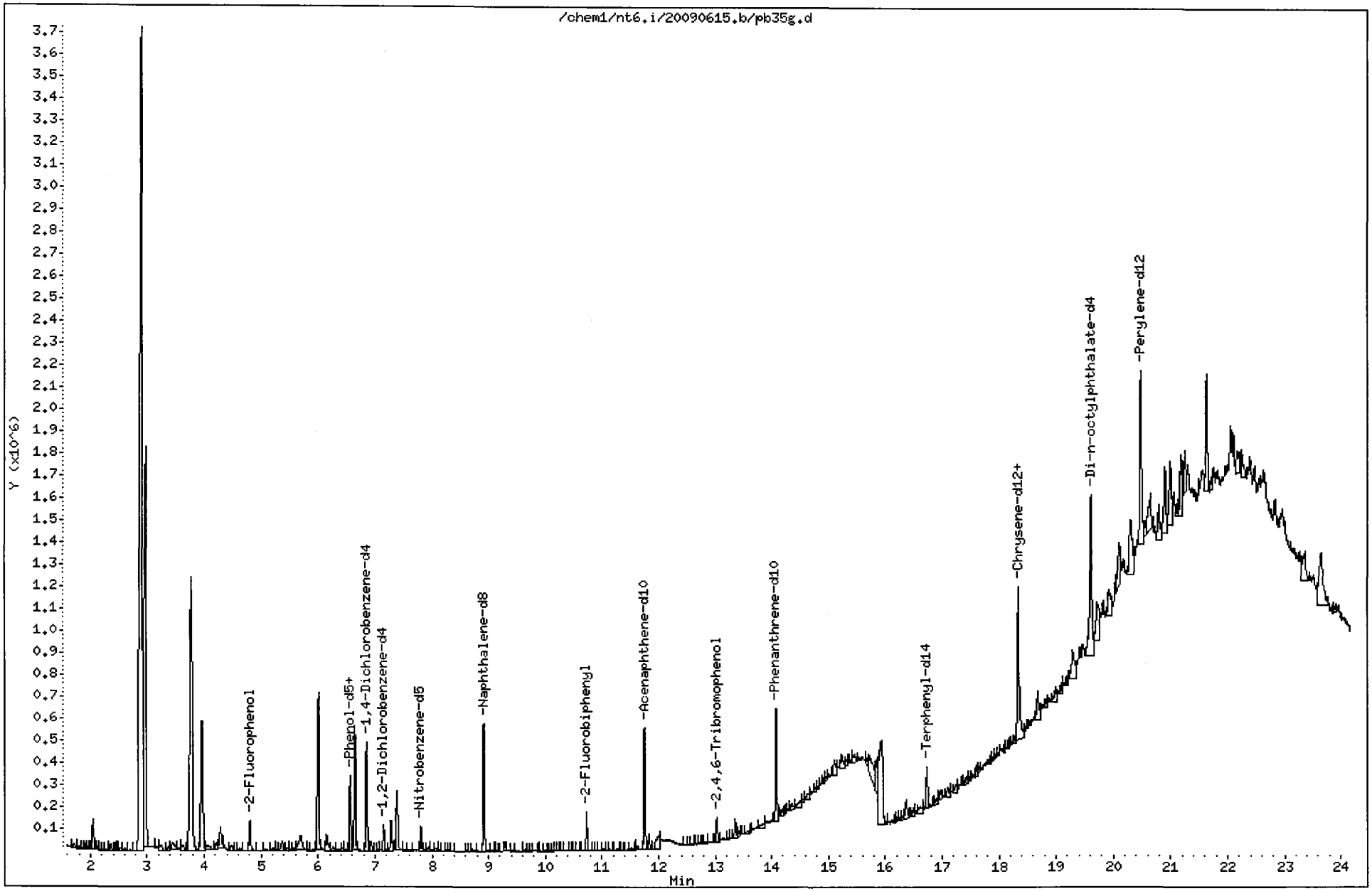
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED2-A
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	728.8	434.5	59.63	21-100
$ 2 Phenol-d5	728.8	466.7	64.04	10-100
$ 5 2-Chlorophenol-d4	728.8	450.9	61.88	30-100
$ 10 1,2-Dichlorobenzen	485.9	267.8	55.12	24-100
$ 18 Nitrobenzene-d5	485.9	298.9	61.53	26-100
$ 36 2-Fluorobiphenyl	485.9	339.2	69.82	32-100
$ 55 2,4,6-Tribromophen	728.8	499.7	68.57	33-118
$ 66 Terphenyl-d14	485.9	257.6	53.03	21-97

Data File: /chem1/nt6.i/20090615.b/pb35g.d
Date : 15-JUN-2009 17:55
Client ID: 3SED2-A
Sample Info: PB35G,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

PB35:66197



Data File: /chem1/nt6.i/20090615.b/pb35g.d

Date : 15-JUN-2009 17:55

Client ID: 3SED2-A

Instrument: nt6.i

Sample Info: PB35G,3

Volume Injected (uL): 1.0

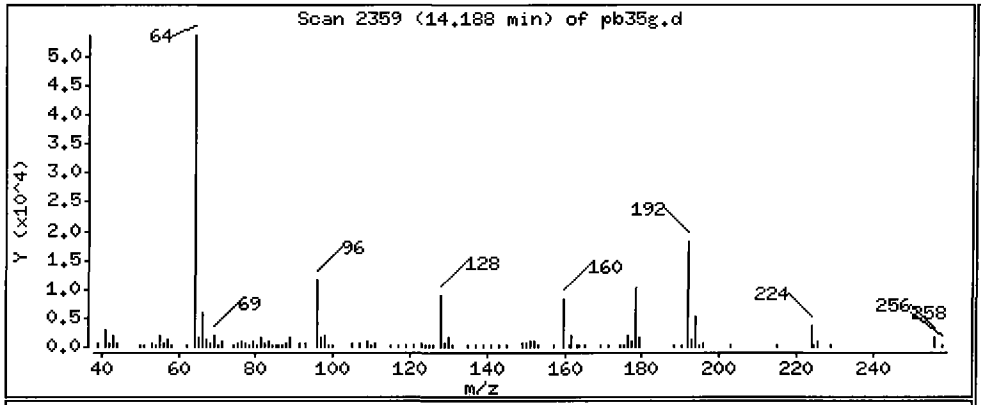
Operator: LJR/VTS

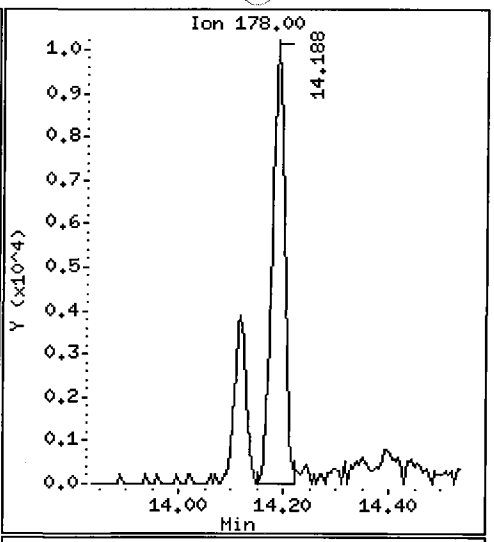
Column phase: ZB-5

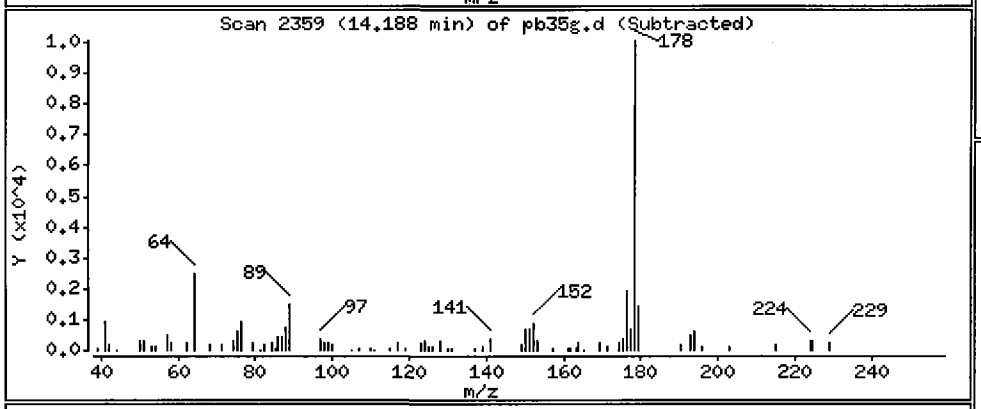
Column diameter: 0.32

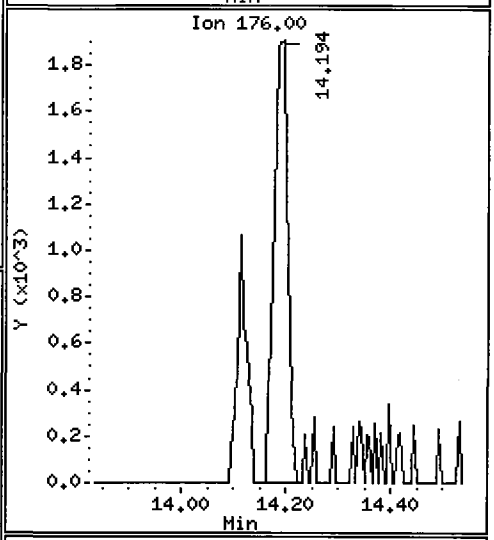
61 Anthracene

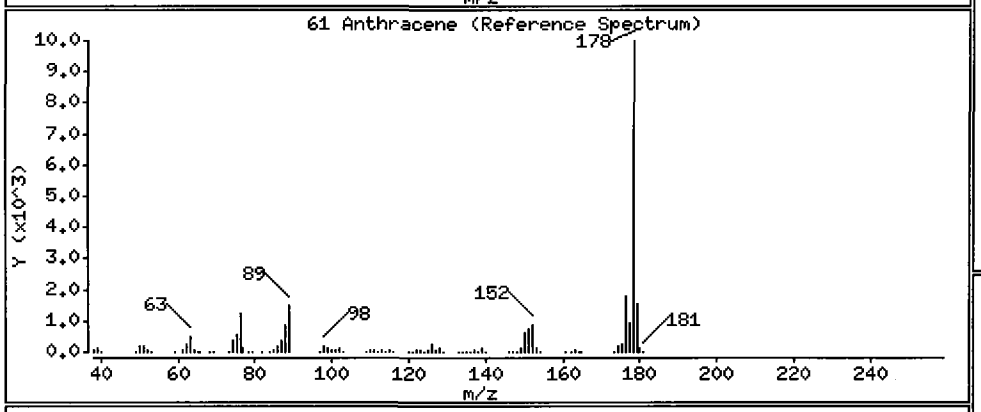
Concentration: 53.08 ug/kg

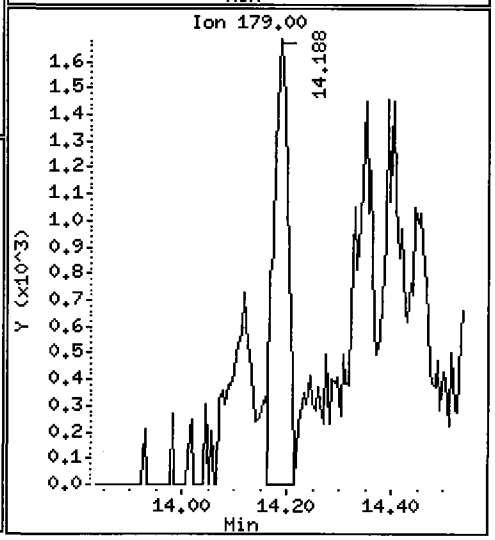


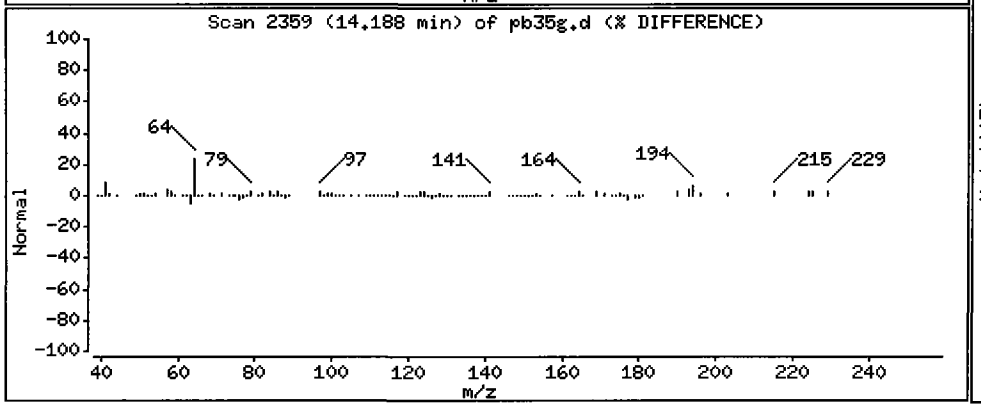












Data File: /chem1/nt6.i/20090615.b/pb35g.d

Date : 15-JUN-2009 17:55

Client ID: 3SED2-A

Instrument: nt6.i

Sample Info: PB35G,3

Volume Injected (uL): 1.0

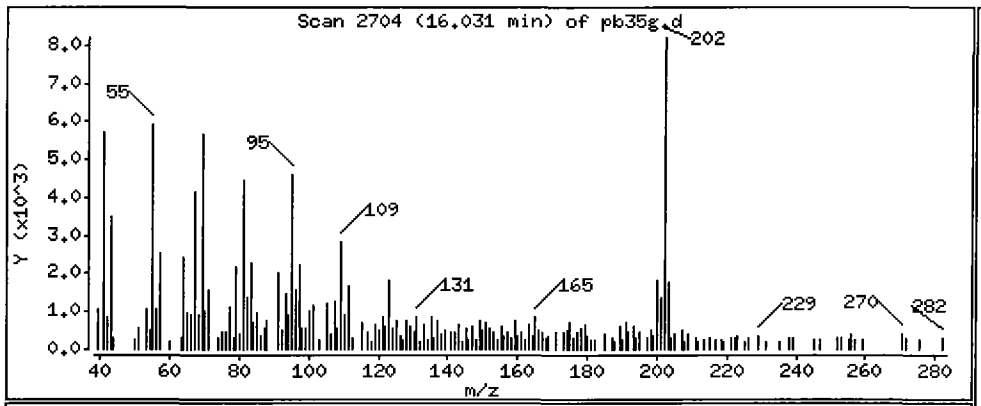
Operator: LJR/VTS

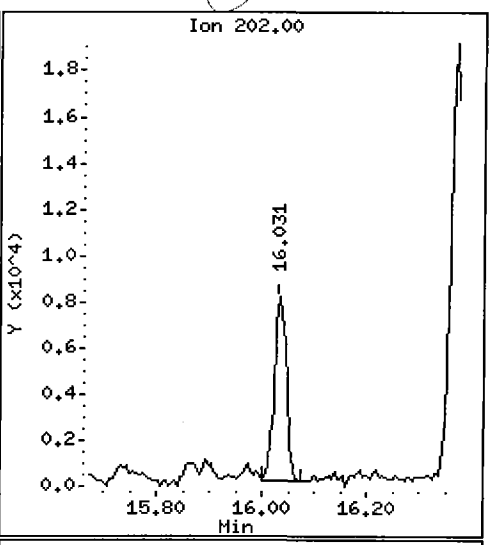
Column phase: ZB-5

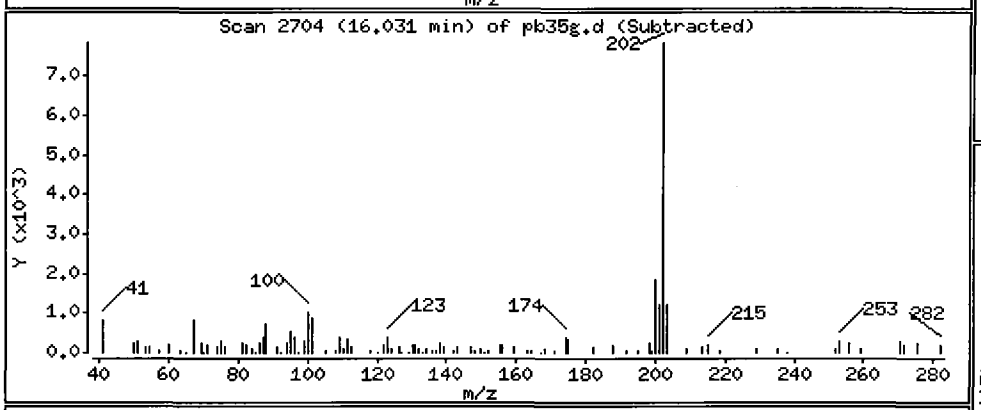
Column diameter: 0.32

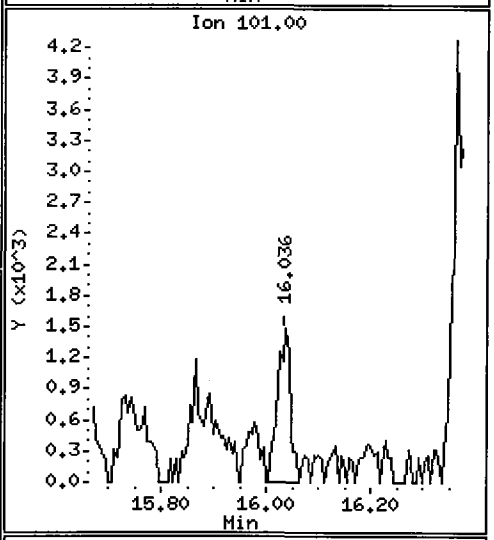
64 Fluoranthene

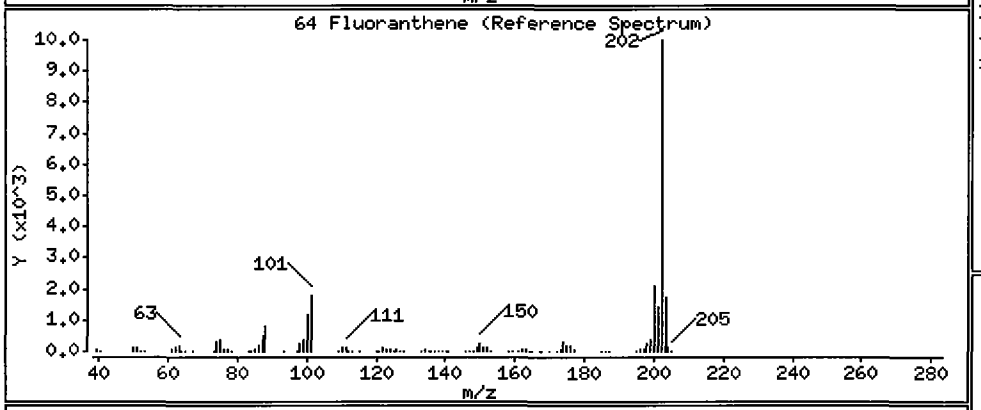
Concentration: 41.82 ug/kg

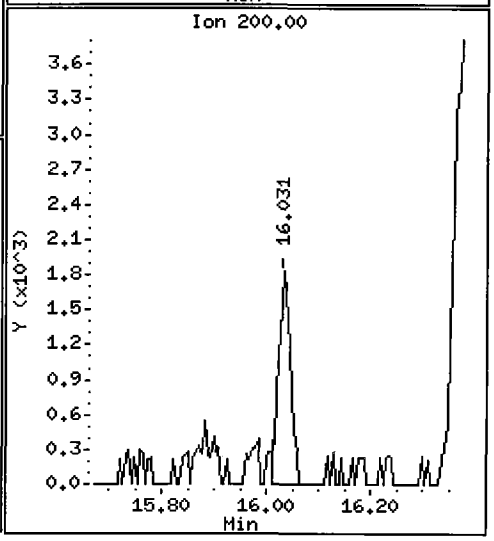


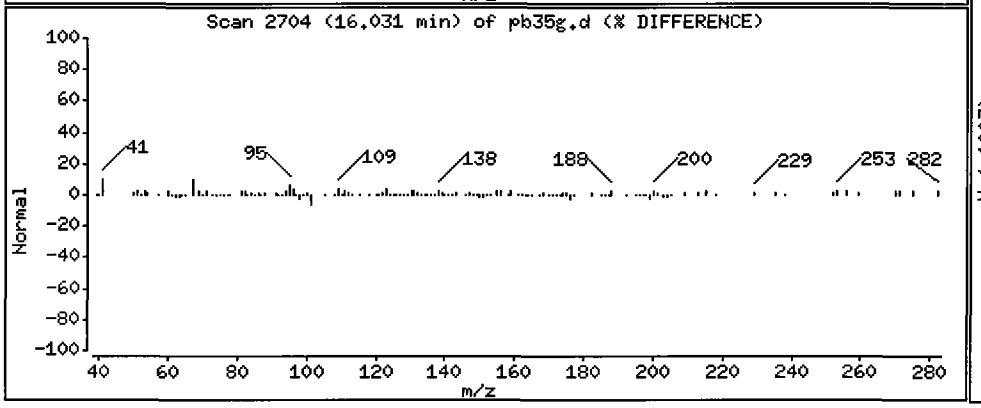












Data File: /chem1/nt6.i/20090615.b/pb35g.d

Date : 15-JUN-2009 17:55

Client ID: 3SED2-A

Instrument: nt6.i

Sample Info: PB35G,3

Volume Injected (uL): 1.0

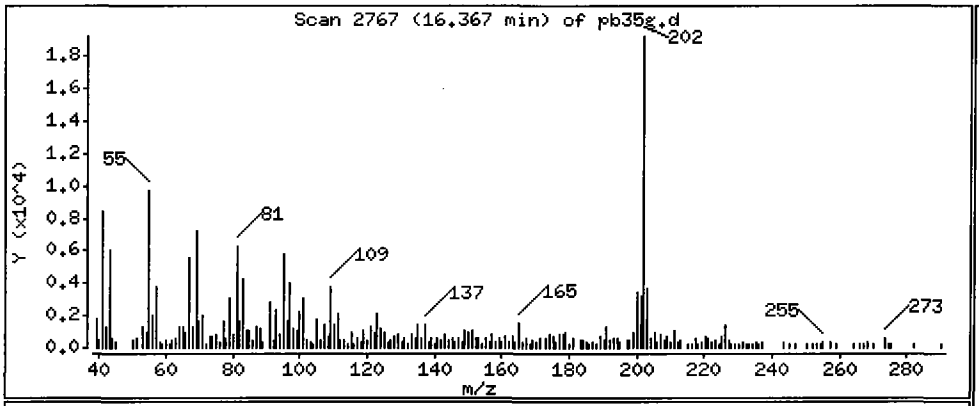
Operator: LJR/VTS

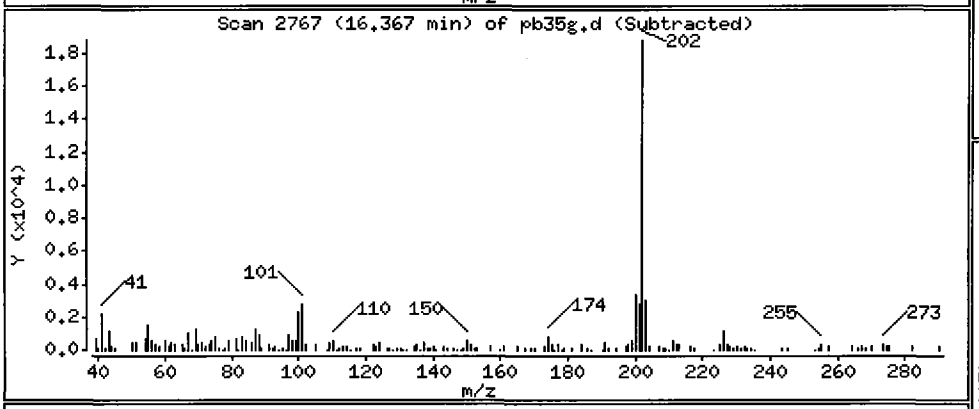
Column phase: ZB-5

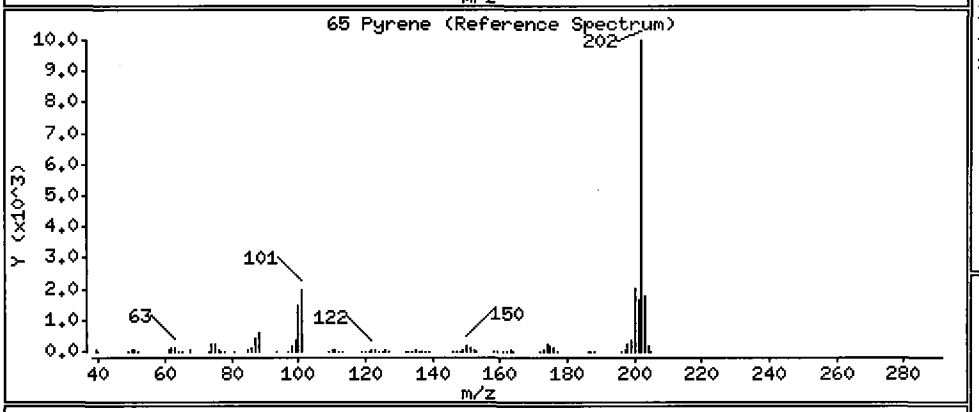
Column diameter: 0.32

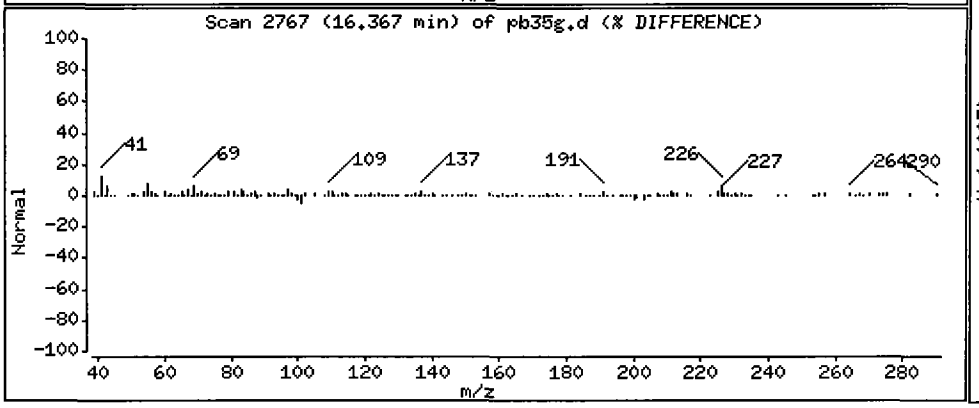
65 Pyrene

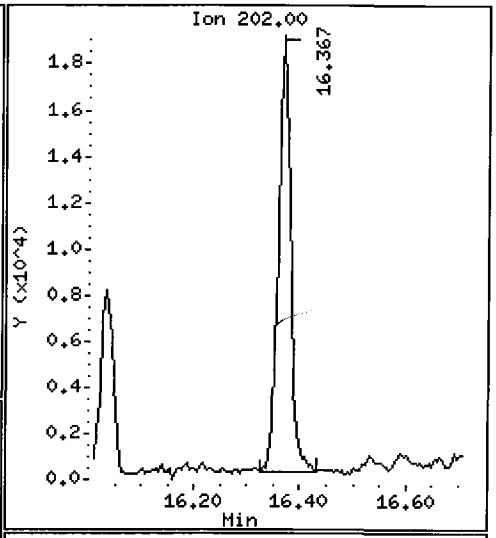
Concentration: 59.11 ug/kg

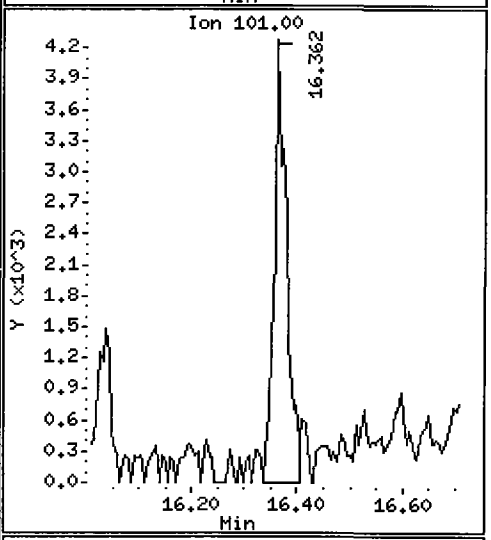


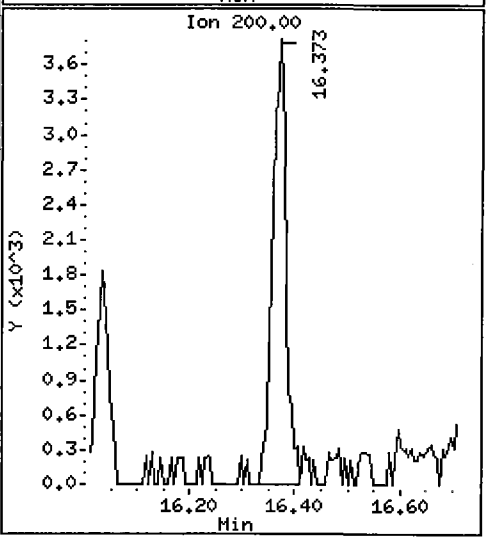












Data File: /chem1/nt6.i/20090615.b/pb35g.d

Date : 15-JUN-2009 17:55

Client ID: 3SED2-A

Instrument: nt6.i

Sample Info: PB35G,3

Volume Injected (uL): 1.0

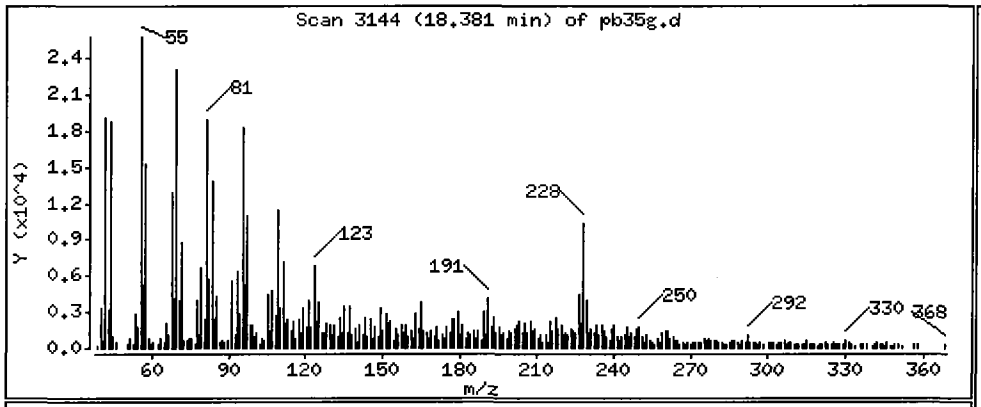
Operator: LJR/VTS

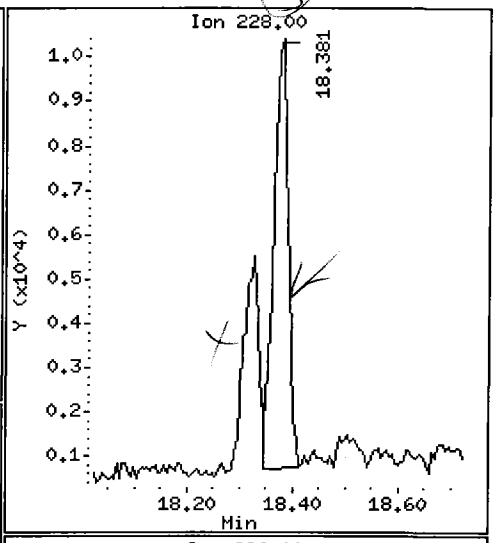
Column phase: ZB-5

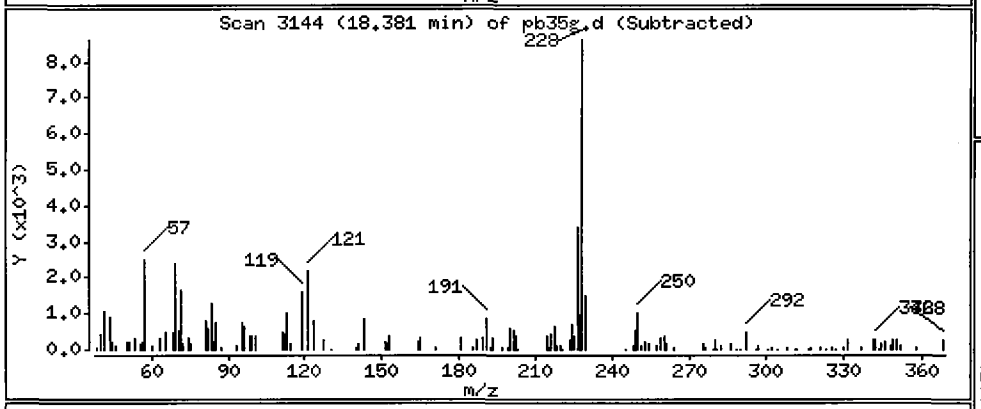
Column diameter: 0.32

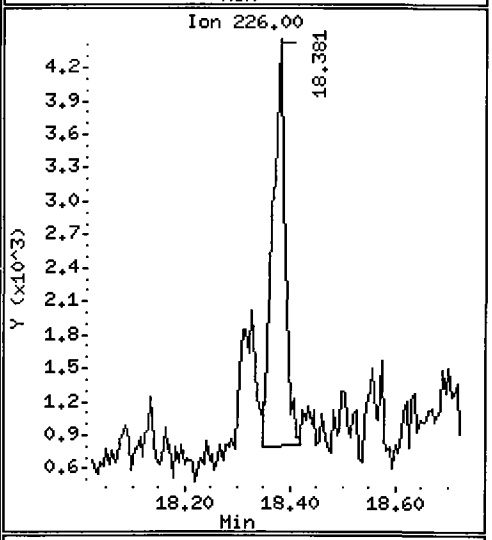
71 Chrysene

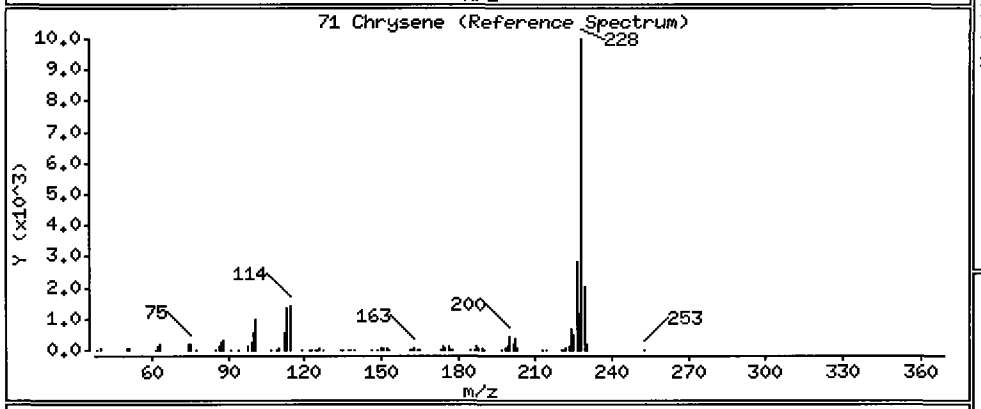
Concentration: 41.34 ug/kg

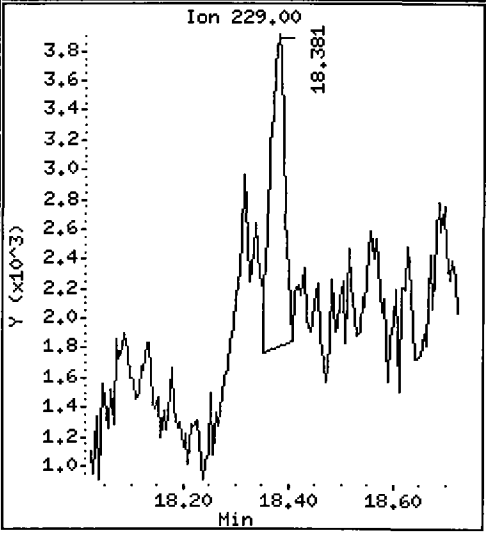


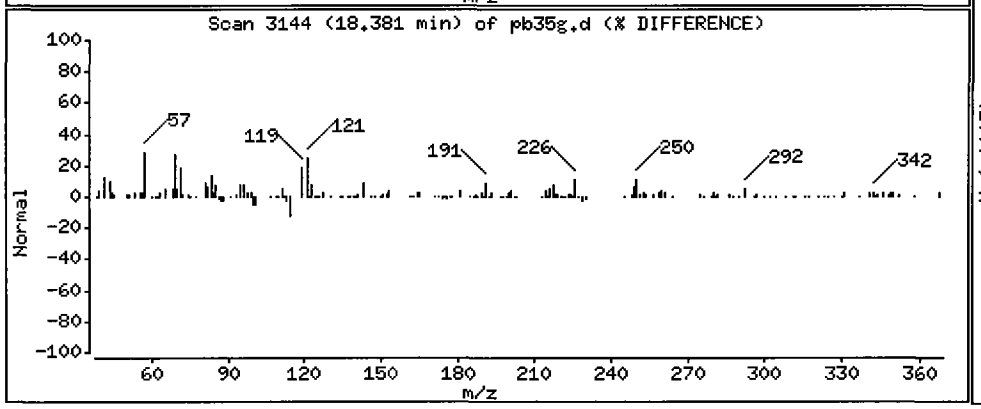












Data File: /chem1/nt6.i/20090615.b/pb35g.d

Date : 15-JUN-2009 17:55

Client ID: 3SED2-A

Instrument: nt6.i

Sample Info: PB35G,3

Volume Injected (uL): 1.0

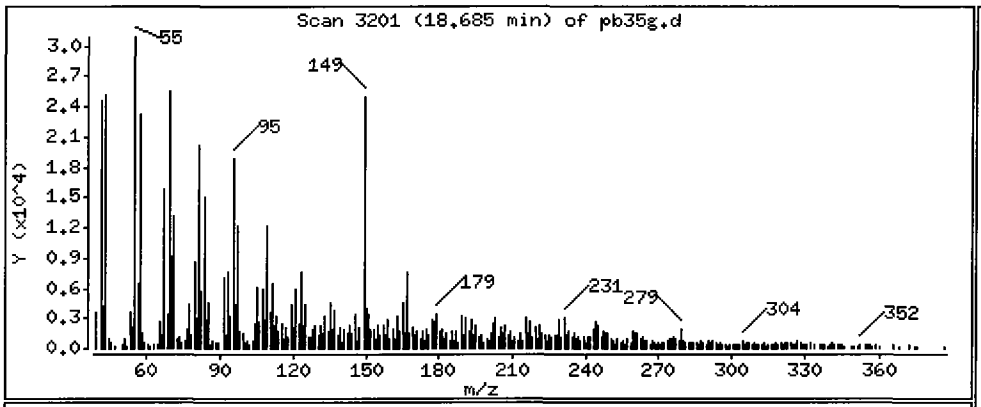
Operator: LJR/VTS

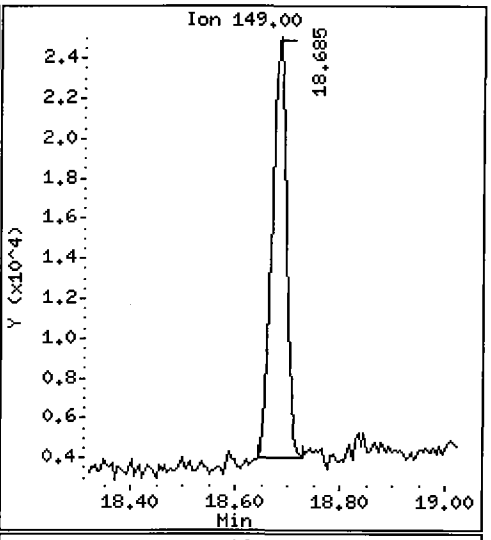
Column phase: ZB-5

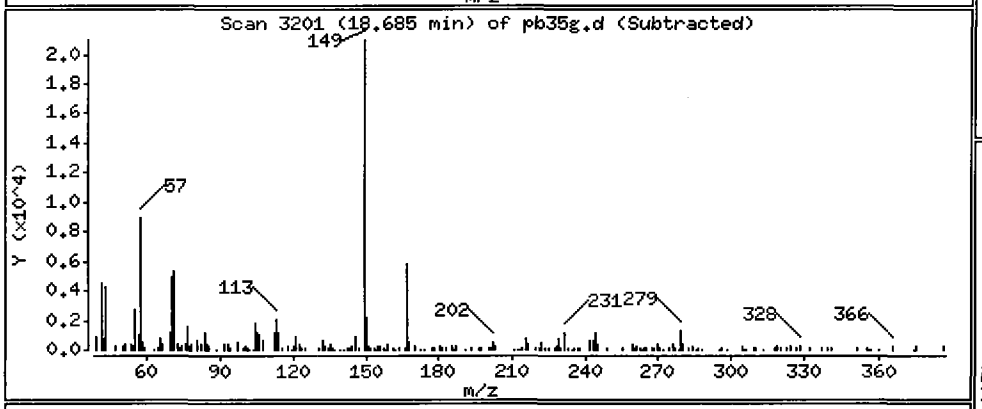
Column diameter: 0.32

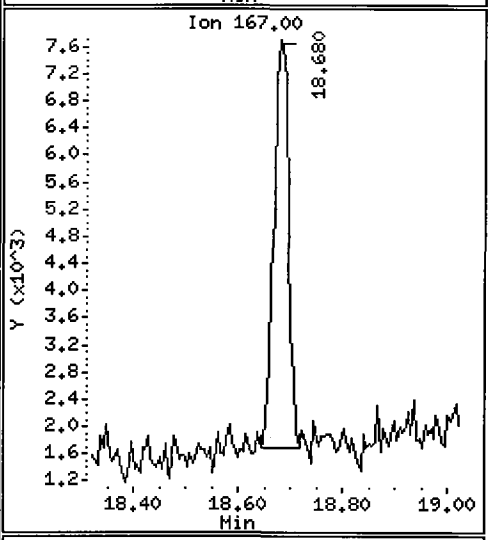
72 bis(2-Ethylhexyl)phthalate

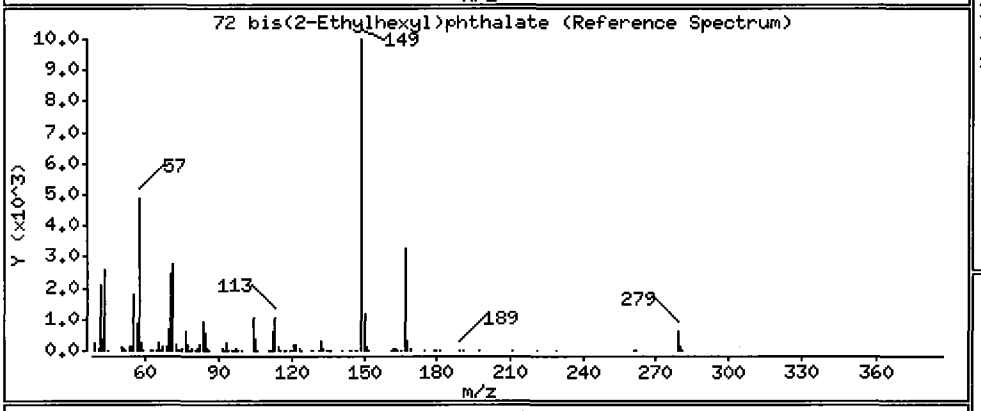
Concentration: 131.6 ug/kg

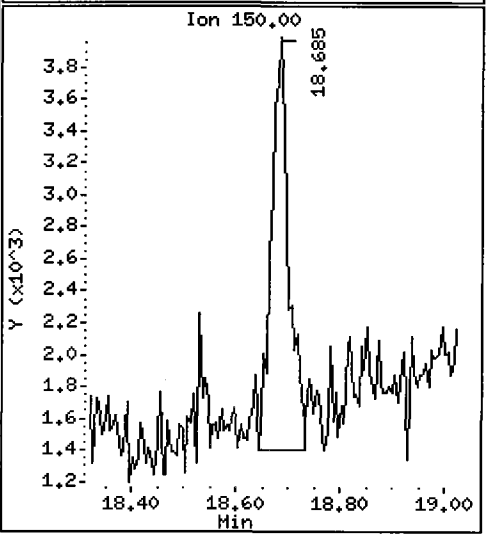


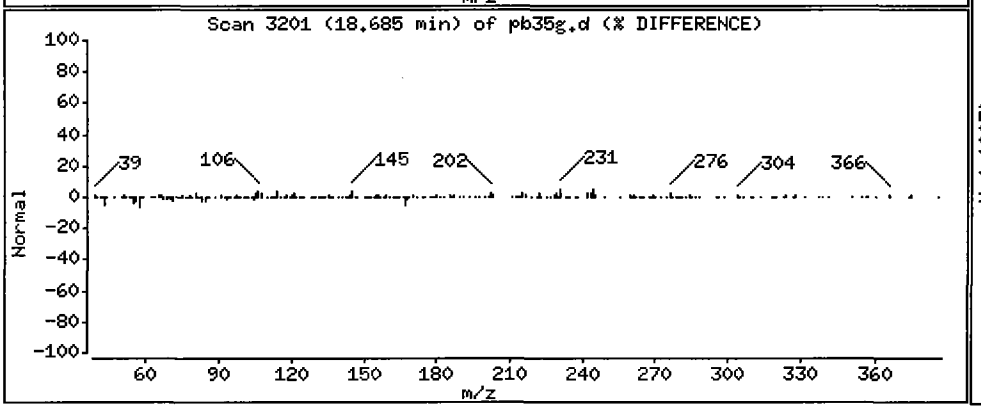












Data File: /chem1/nt6.i/20090615.b/pb35g.d

Date : 15-JUN-2009 17:55

Client ID: 3SED2-A

Instrument: nt6.i

Sample Info: PB35G,3

Volume Injected (uL): 1.0

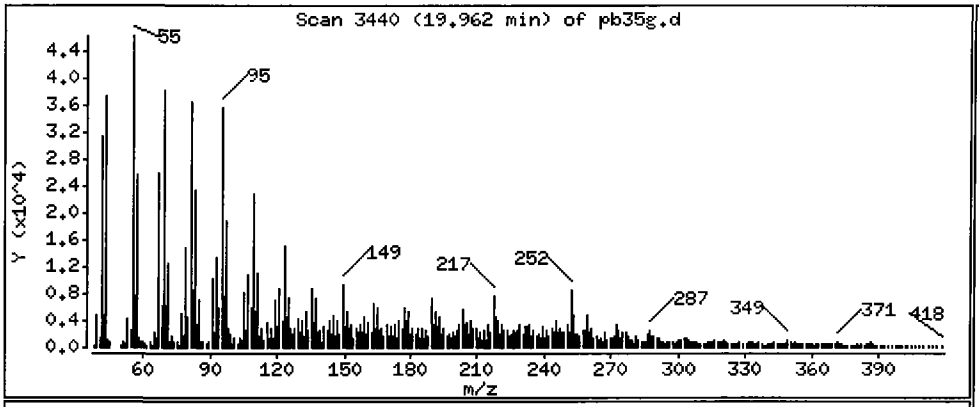
Operator: LJR/VTS

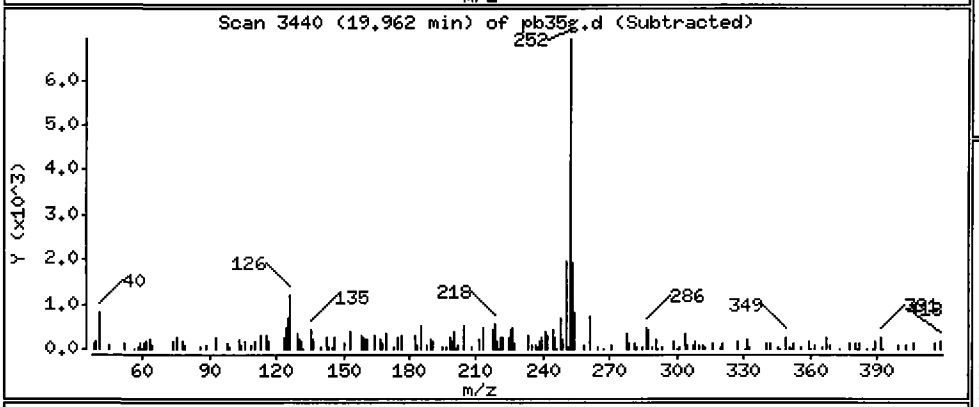
Column phase: ZB-5

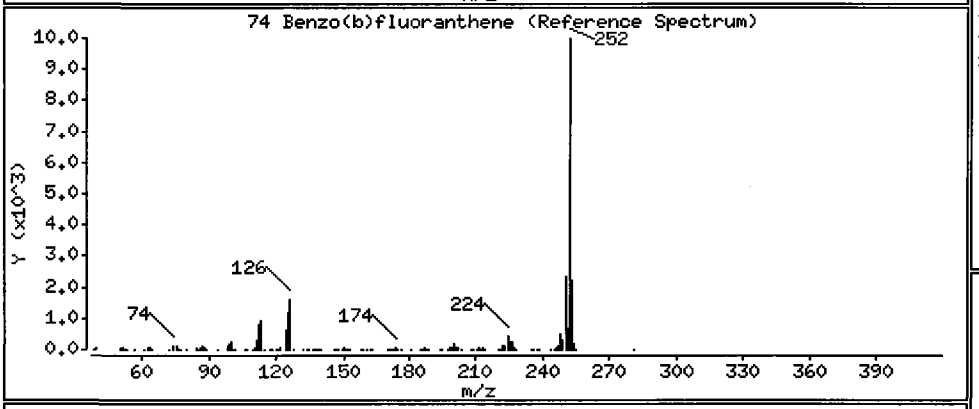
Column diameter: 0.32

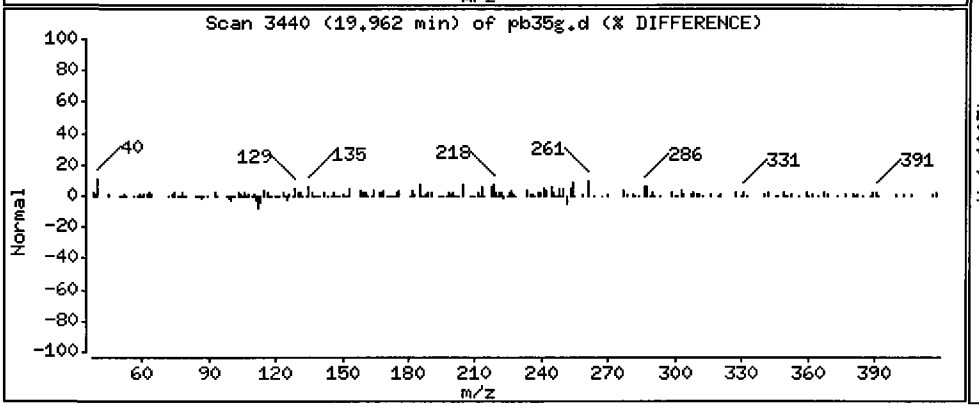
74 Benzo(b)fluoranthene

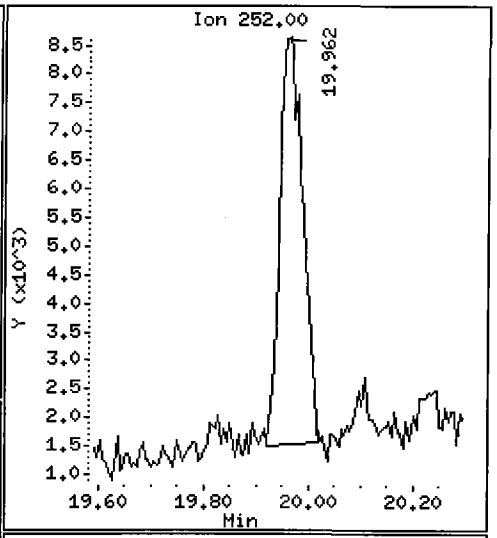
Concentration: 36.96 ug/kg

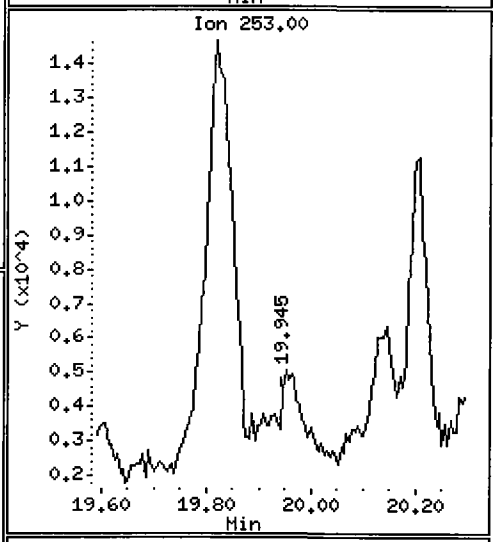


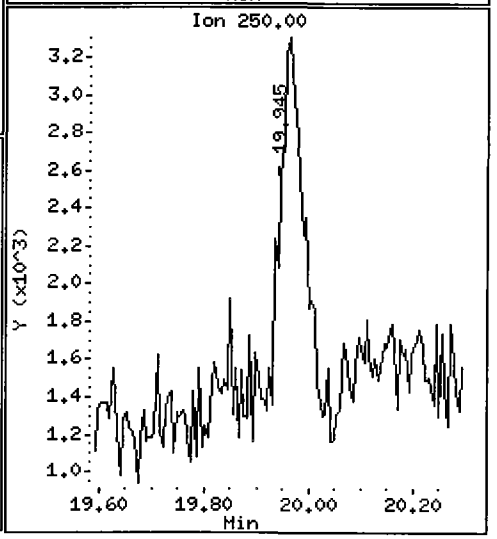












Data File: /chem1/nt6.i/20090615.b/pb35g.d

Date : 15-JUN-2009 17:55

Client ID: 3SED2-A

Instrument: nt6.i

Sample Info: PB35G,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

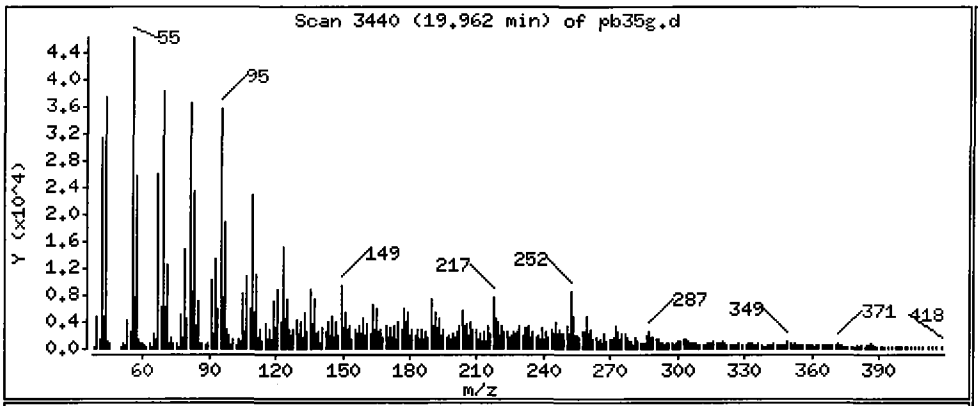
Column phase: ZB-5

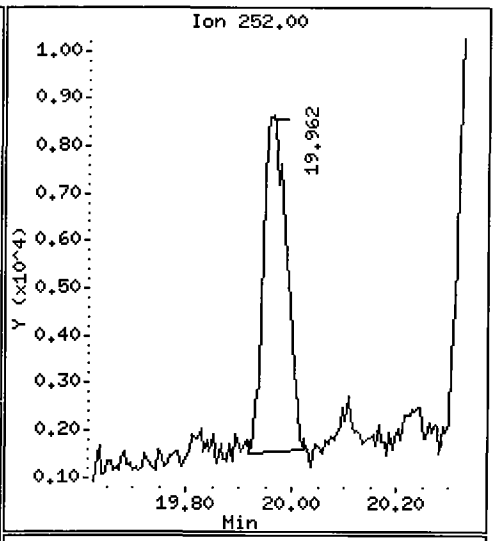
Column diameter: 0.32

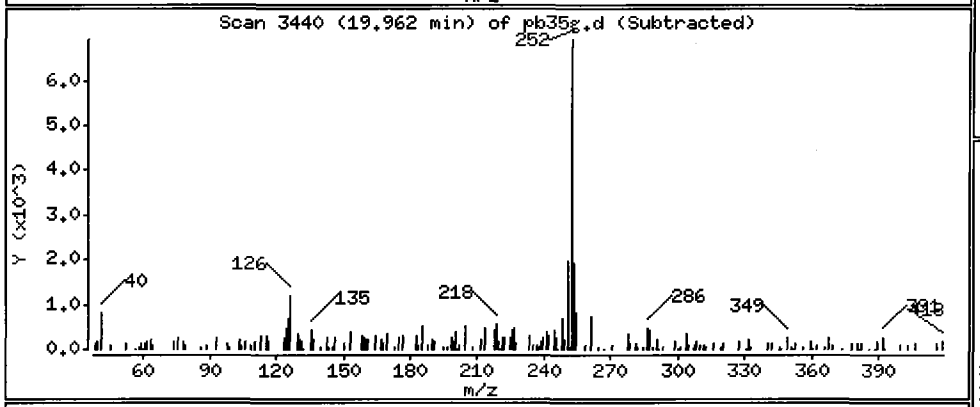
1/2 conc

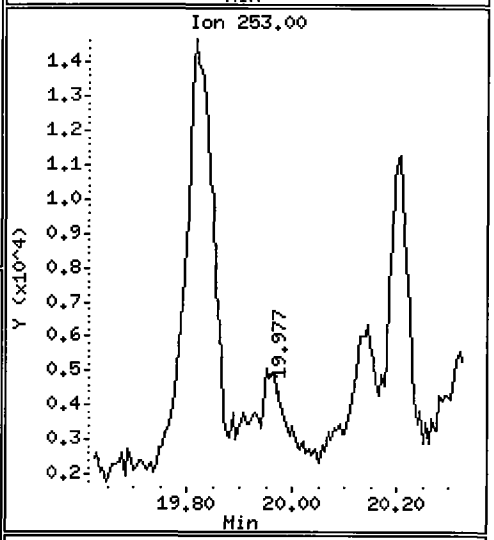
75 Benzo(k)fluoranthene

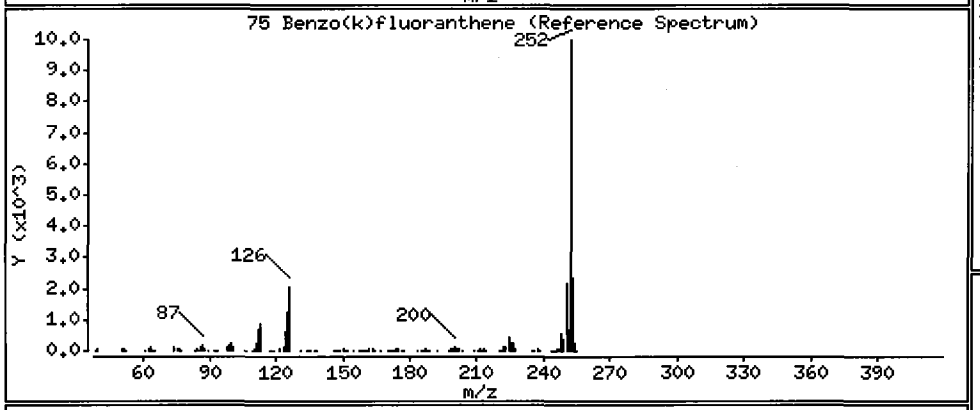
Concentration: 35.99 ug/kg

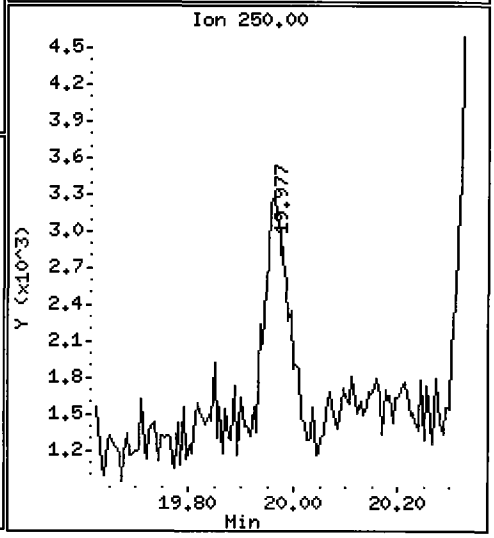


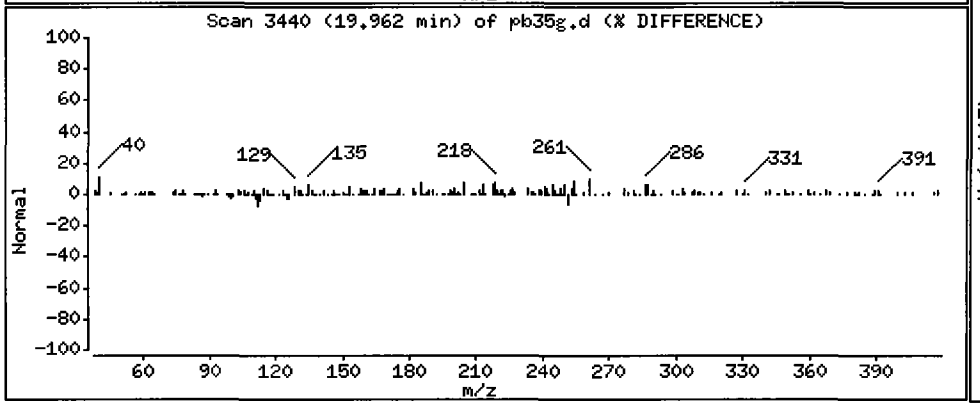












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED2-A
DILUTION

Lab Sample ID: PB35G
LIMS ID: 09-12723
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 20:08
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 10.0
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	190	< 190 U
541-73-1	1,3-Dichlorobenzene	190	< 190 U
106-46-7	1,4-Dichlorobenzene	190	< 190 U
100-51-6	Benzyl Alcohol	190	< 190 U
95-50-1	1,2-Dichlorobenzene	190	< 190 U
95-48-7	2-Methylphenol	190	< 190 U
106-44-5	4-Methylphenol	190	< 190 U
67-72-1	Hexachloroethane	190	< 190 U
105-67-9	2,4-Dimethylphenol	190	< 190 U
65-85-0	Benzoic Acid	1,900	< 1,900 U
120-82-1	1,2,4-Trichlorobenzene	190	< 190 U
91-20-3	Naphthalene	190	< 190 U
87-68-3	Hexachlorobutadiene	190	< 190 U
91-57-6	2-Methylnaphthalene	190	< 190 U
131-11-3	Dimethylphthalate	190	< 190 U
208-96-8	Acenaphthylene	190	< 190 U
83-32-9	Acenaphthene	190	< 190 U
132-64-9	Dibenzofuran	190	< 190 U
84-66-2	Diethylphthalate	190	< 190 U
86-73-7	Fluorene	190	< 190 U
86-30-6	N-Nitrosodiphenylamine	190	< 190 U
118-74-1	Hexachlorobenzene	190	< 190 U
87-86-5	Pentachlorophenol	970	< 970 U
85-01-8	Phenanthrene	190	< 190 U
120-12-7	Anthracene	190	< 190 U
84-74-2	Di-n-Butylphthalate	190	< 190 U
206-44-0	Fluoranthene	190	< 190 U
129-00-0	Pyrene	190	< 190 U
85-68-7	Butylbenzylphthalate	190	< 190 U
56-55-3	Benzo(a)anthracene	190	< 190 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**190**	**190**
218-01-9	Chrysene	190	< 190 U
117-84-0	Di-n-Octyl phthalate	190	< 190 U
205-99-2	Benzo(b)fluoranthene	190	< 190 U
207-08-9	Benzo(k)fluoranthene	190	< 190 U
50-32-8	Benzo(a)pyrene	190	< 190 U
193-39-5	Indeno(1,2,3-cd)pyrene	190	< 190 U
53-70-3	Dibenz(a,h)anthracene	190	< 190 U
191-24-2	Benzo(g,h,i)perylene	190	< 190 U
90-12-0	1-Methylnaphthalene	190	< 190 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	66.4%	2-Fluorobiphenyl	58.4%
d14-p-Terphenyl	79.2%	d4-1,2-Dichlorobenzene	55.2%
d5-Phenol	54.1%	2-Fluorophenol	60.0%
2,4,6-Tribromophenol	64.5%	d4-2-Chlorophenol	56.5%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090616.b/pb35gdl.d
Lab Smp Id: PB35G Client Smp ID: 3SED2-A
Inj Date : 16-JUN-2009 20:08
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35G,10
Misc Info : 09-12723
Comment : 1ul Injection
Method : /chem1/nt6.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 11:06 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 16
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	10.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	32.00000	Weight of sample extracted (g)
M	19.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.668	4.638	(0.693)	19380	2.24921	437.1
$	2 Phenol-d5	99	6.452	6.428	(0.958)	23486	2.02979	394.5
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.452	6.438	(0.958)	14973	2.12360	412.7
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.735	6.732	(1.000)	104512	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.039	7.036	(1.045)	7179	1.37947	268.1
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	7.696	7.704	(0.874)	17225	1.65604	321.8
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.807	8.804	(1.000)	338678	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.623	10.626	(0.913)	21548	1.45925	283.6
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.638	11.635	(1.000)	198801	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.925	12.917	(1.111)	4584	2.41829	470.0
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	13.967	13.964	(1.000)	300665	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	Compound Not Detected.					
$	66 Terphenyl-d14	244	16.616	16.613	(0.912)	25370	1.97808	384.4
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	18.218	18.210	(1.000)	240129	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	Compound Not Detected.					
	72 bis(2-Ethylhexyl)phthalate	149	18.565	18.557	(0.953)	10989	1.00219	194.8
*	134 Di-n-octylphthalate-d4	153	19.489	19.486	(1.000)	353536	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	Compound Not Detected.					
	75 Benzo(k)fluoranthene	252	Compound Not Detected.					
	76 Benzo(a)pyrene	252	Compound Not Detected.					
*	77 Perylene-d12	264	20.339	20.325	(1.000)	175873	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35gdl.d
Lab Smp Id: PB35G
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090616.b/SW846.m
Misc Info: 09-12723

Calibration Date: 16-JUN-2009
Calibration Time: 11:54
Client Smp ID: 3SED2-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	104512	-7.01
27 Naphthalene-d8	384492	192246	768984	338678	-11.92
42 Acenaphthene-d10	217478	108739	434956	198801	-8.59
59 Phenanthrene-d10	336594	168297	673188	300665	-10.67
69 Chrysene-d12	247160	123580	494320	240129	-2.84
134 Di-n-octylphthala	347036	173518	694072	353536	1.87
77 Perylene-d12	232938	116469	465876	175873	-24.50

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.73	6.23	7.23	6.73	0.04
27 Naphthalene-d8	8.80	8.30	9.30	8.81	0.03
42 Acenaphthene-d10	11.64	11.14	12.14	11.64	0.03
59 Phenanthrene-d10	13.96	13.46	14.46	13.97	0.02
69 Chrysene-d12	18.21	17.71	18.71	18.22	0.05
134 Di-n-octylphthala	19.49	18.99	19.99	19.49	0.02
77 Perylene-d12	20.32	19.82	20.82	20.34	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35G
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090616.b/SW846.m
Misc Info: 09-12723

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED2-A
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

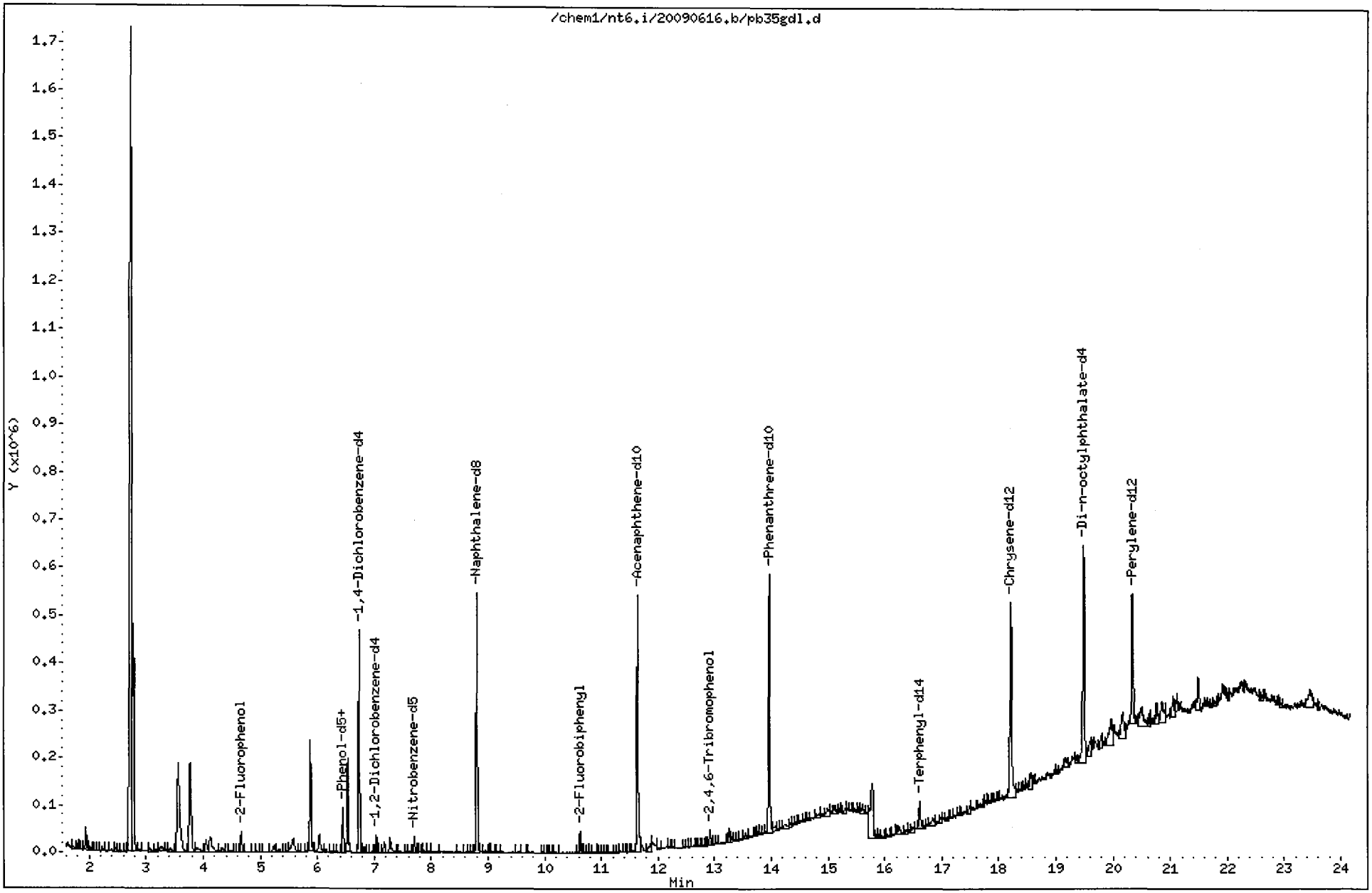
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	728.8	437.1	59.98	21-100
$ 2 Phenol-d5	728.8	394.5	54.13	10-100
$ 5 2-Chlorophenol-d4	728.8	412.7	56.63	30-100
$ 10 1,2-Dichlorobenzen	485.9	268.1	55.18	24-100
$ 18 Nitrobenzene-d5	485.9	321.8	66.24	26-100
$ 36 2-Fluorobiphenyl	485.9	283.6	58.37	32-100
$ 55 2,4,6-Tribromophen	728.8	470.0	64.49	33-118
$ 66 Terphenyl-d14	485.9	384.4	79.12	21-97

Data File: /chem1/nt6.i/20090616.b/pb35gdl.d
Date : 16-JUN-2009 20:08
Client ID: 3SED2-A
Sample Info: PB35G,10
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

PB35:00211



Data File: /chem1/nt6.i/20090616.b/pb35gdl.d

Date : 16-JUN-2009 20:08

Client ID: 3SED2-A

Instrument: nt6.i

Sample Info: PB35G,10

Volume Injected (uL): 1.0

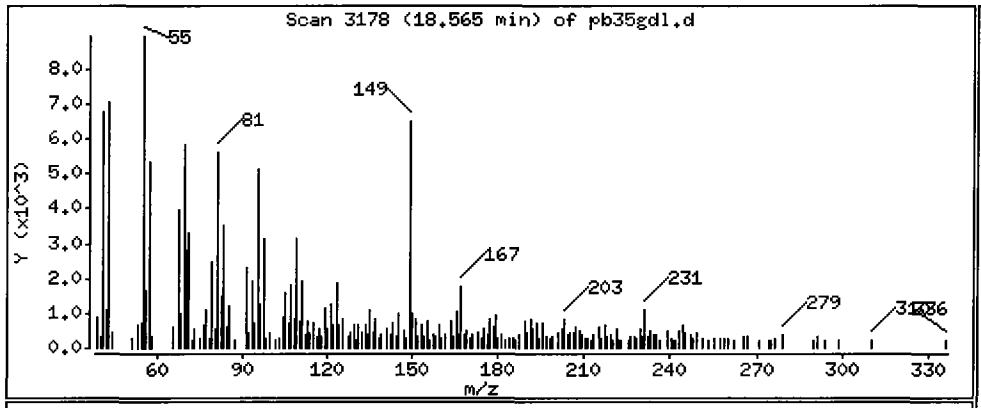
Operator: LJR/VTS

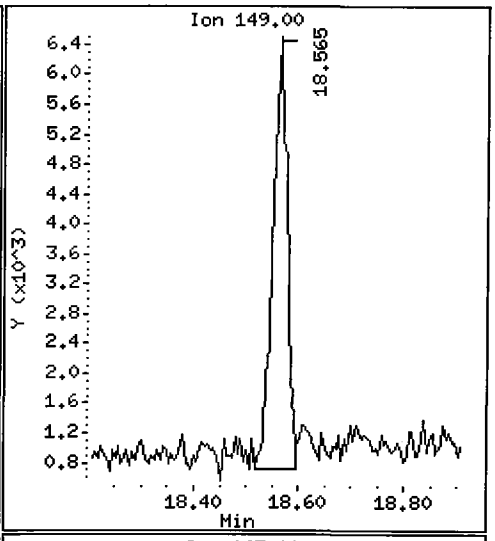
Column phase: ZB-5

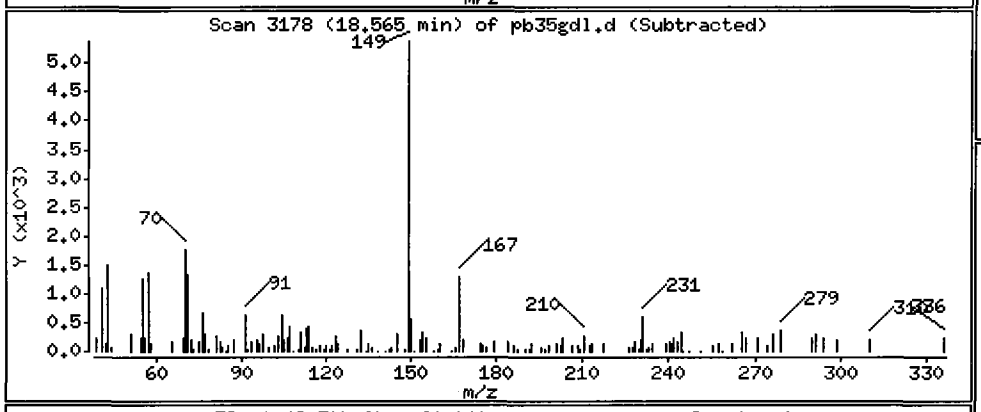
Column diameter: 0.32

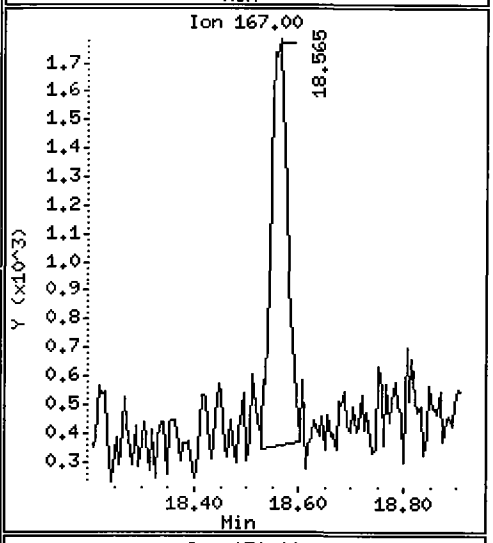
72 bis(2-Ethylhexyl)phthalate

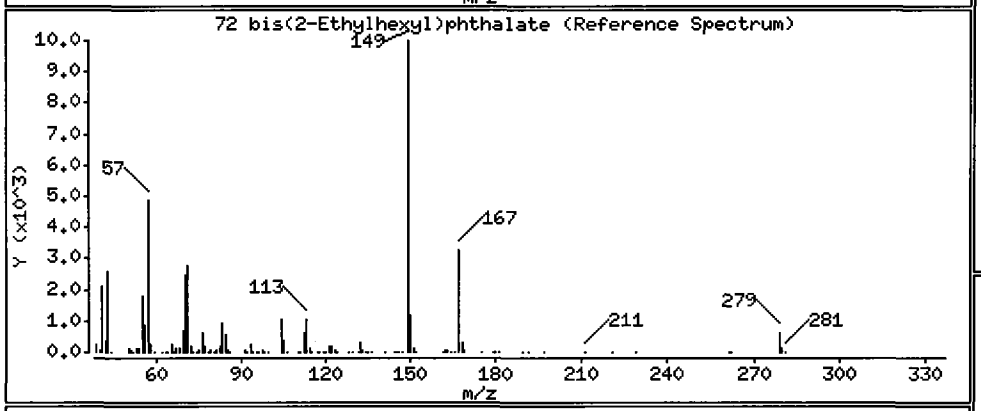
Concentration: 194.8 ug/kg

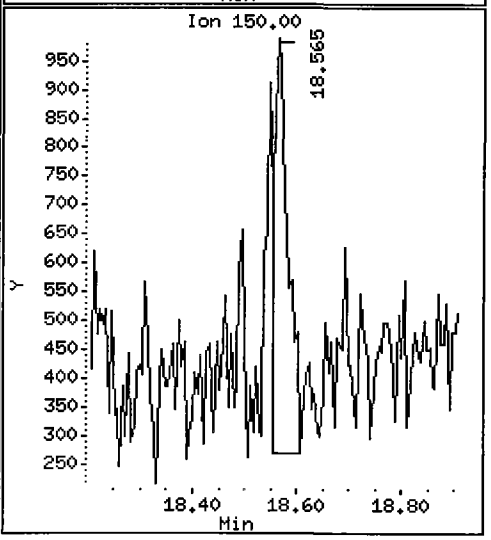


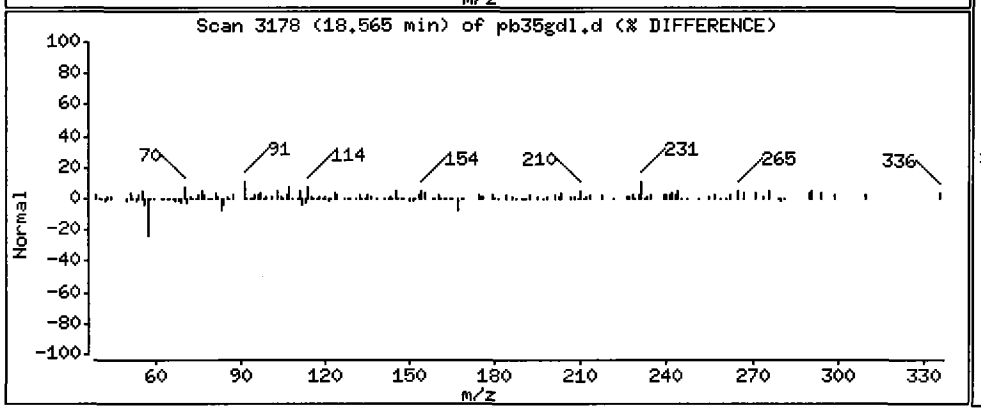












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED2-B
SAMPLE

Lab Sample ID: PB35I
LIMS ID: 09-12725
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 18:27
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 26.0 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 32.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	58	< 58 U
541-73-1	1,3-Dichlorobenzene	58	< 58 U
106-46-7	1,4-Dichlorobenzene	58	< 58 U
100-51-6	Benzyl Alcohol	58	< 58 U
95-50-1	1,2-Dichlorobenzene	58	< 58 U
95-48-7	2-Methylphenol	58	< 58 U
106-44-5	4-Methylphenol	58	< 58 U
67-72-1	Hexachloroethane	58	< 58 U
105-67-9	2,4-Dimethylphenol	58	< 58 U
65-85-0	Benzoic Acid	580	< 580 U
120-82-1	1,2,4-Trichlorobenzene	58	< 58 U
91-20-3	Naphthalene	58	< 58 U
87-68-3	Hexachlorobutadiene	58	< 58 U
91-57-6	2-Methylnaphthalene	58	< 58 U
131-11-3	Dimethylphthalate	58	< 58 U
208-96-8	Acenaphthylene	58	< 58 U
83-32-9	Acenaphthene	58	< 58 U
132-64-9	Dibenzofuran	58	< 58 U
84-66-2	Diethylphthalate	58	< 58 U
86-73-7	Fluorene	58	< 58 U
86-30-6	N-Nitrosodiphenylamine	58	< 58 U
118-74-1	Hexachlorobenzene	58	< 58 U
87-86-5	Pentachlorophenol	290	< 290 U
85-01-8	**Phenanthrene**	**58**	**100**
120-12-7	**Anthracene**	**58**	**200**
84-74-2	Di-n-Butylphthalate	58	< 58 U
206-44-0	**Fluoranthene**	**58**	**140**
129-00-0	**Pyrene**	**58**	**95**
85-68-7	Butylbenzylphthalate	58	< 58 U
56-55-3	**Benzo(a)anthracene**	**58**	**58**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**58**	**100**
218-01-9	**Chrysene**	**58**	**98**
117-84-0	Di-n-Octyl phthalate	58	< 58 U
205-99-2	**Benzo(b)fluoranthene**	**58**	**66**
207-08-9	**Benzo(k)fluoranthene**	**58**	**66**
50-32-8	**Benzo(a)pyrene**	**58**	**76**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**58**	**43 J**
53-70-3	Dibenz(a,h)anthracene	58	< 58 U
191-24-2	**Benzo(g,h,i)perylene**	**58**	**52 J**
90-12-0	1-Methylnaphthalene	58	< 58 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.4%	2-Fluorobiphenyl	70.6%
d14-p-Terphenyl	55.1%	d4-1,2-Dichlorobenzene	55.1%
d5-Phenol	65.7%	2-Fluorophenol	62.3%
2,4,6-Tribromophenol	69.8%	d4-2-Chlorophenol	62.2%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35i.d
Lab Smp Id: PB35I Client Smp ID: 3SED2-B
Inj Date : 15-JUN-2009 18:27
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35I,3
Misc Info : 09-12725
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 8
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	38.70000	Weight of sample extracted (g)
M	32.80000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.809	4.782	(0.702)	66419	7.79363	449.5
$	2 Phenol-d5	99	6.572	6.534	(0.959)	93987	8.21260	473.7
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.567	6.555	(0.958)	54206	7.77291	448.3
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.855	6.849	(1.000)	103370	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.154	7.148	(1.044)	23625	4.58976	264.7
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15	4-Methylphenol	108	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	7.811	7.810	(0.876)	56728	5.19705	299.8
	19	Nitrobenzene	77	Compound Not Detected.					
	20	Isophorone	82	Compound Not Detected.					
	21	2-Nitrophenol	139	Compound Not Detected.					
	22	2,4-Dimethylphenol	107	Compound Not Detected.					
	23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24	Benzoic acid	105	Compound Not Detected.					
	25	2,4-Dichlorophenol	162	Compound Not Detected.					
	26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27	Naphthalene-d8	136	8.917	8.916	(1.000)	355417	20.0000	
	28	Naphthalene	128	Compound Not Detected.					
	29	4-Chloroaniline	127	Compound Not Detected.					
	30	Hexachlorobutadiene	225	Compound Not Detected.					
	31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32	2-Methylnaphthalene	141	Compound Not Detected.					
	33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36	2-Fluorobiphenyl	172	10.733	10.732	(0.914)	82041	5.88262	339.3
	37	2-Chloronaphthalene	162	Compound Not Detected.					
	38	2-Nitroaniline	65	Compound Not Detected.					
	39	Dimethylphthalate	163	Compound Not Detected.					
	40	Acenaphthylene	152	Compound Not Detected.					
	41	2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42	Acenaphthene-d10	164	11.748	11.747	(1.000)	187759	20.0000	
	43	3-Nitroaniline	138	Compound Not Detected.					
	44	Acenaphthene	153	Compound Not Detected.					
	45	2,4-Dinitrophenol	184	Compound Not Detected.					
	46	Dibenzofuran	168	Compound Not Detected.					
	47	4-Nitrophenol	109	Compound Not Detected.					
	48	2,4-Dinitrotoluene	165	Compound Not Detected.					
	50	Diethylphthalate	149	Compound Not Detected.					
	49	Fluorene	166	Compound Not Detected.					
	51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52	4-Nitroaniline	138	Compound Not Detected.					
	53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55	2,4,6-Tribromophenol	330	13.035	13.034	(1.110)	15608	8.71822	502.9
	56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57	Hexachlorobenzene	284	Compound Not Detected.					
	58	Pentachlorophenol	266	Compound Not Detected.					
*	59	Phenanthrene-d10	188	14.087	14.081	(1.000)	275848	20.0000	
	60	Phenanthrene	178	14.119	14.118	(1.002)	30927	1.76638	101.9
	61	Anthracene	178	14.188	14.188	(1.007)	61837	3.48372	200.9
	62	Carbazole	167	14.504	14.503	(1.030)	18307	1.25507	72.39
	63	Di-n-butylphthalate	149	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	64 Fluoranthene	202	16.026	16.025	(1.138)	41887	2.34328	135.2
	65 Pyrene	202	16.368	16.361	(0.892)	47835	1.64236	94.73
$	66 Terphenyl-d14	244	16.736	16.730	(0.912)	86247	4.59297	264.9
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	18.317	18.311	(0.999)	25958	1.00026	57.70
*	69 Chrysene-d12	240	18.344	18.338	(1.000)	351575	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	18.376	18.375	(1.002)	42051	1.69246	97.62
	72 bis(2-Ethylhexyl)phthalate	149	18.680	18.674	(0.953)	29844	1.78857	103.2
*	134 Di-n-octylphthalate-d4	153	19.610	19.603	(1.000)	537995	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	19.957	19.945	(0.975)	76412	2.33753 > T	~~134.8~~ 1.153
	75 Benzo(k)fluoranthene	252	19.957	19.977	(0.975)	76408	2.27570	131.3 1.153
	76 Benzo(a)pyrene	252	20.389	20.378	(0.996)	38952	1.31633	75.92
*	77 Perylene-d12	264	20.475	20.453	(1.000)	451099	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.815	21.799	(1.065)	29666	0.75204 LDL	43.38
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	22.104	22.087	(1.080)	31375	0.91007	52.49
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35i.d
Lab Smp Id: PB35I
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12725

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED2-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	103370	-8.02
27 Naphthalene-d8	384492	192246	768984	355417	-7.56
42 Acenaphthene-d10	217478	108739	434956	187759	-13.67
59 Phenanthrene-d10	336594	168297	673188	275848	-18.05
69 Chrysene-d12	247160	123580	494320	351575	42.25
134 Di-n-octylphthala	347036	173518	694072	537995	55.03
77 Perylene-d12	232938	116469	465876	451099	93.66

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.86	0.09
27 Naphthalene-d8	8.92	8.42	9.42	8.92	0.01
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.01
59 Phenanthrene-d10	14.08	13.58	14.58	14.09	0.04
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.03
134 Di-n-octylphthala	19.60	19.10	20.10	19.61	0.03
77 Perylene-d12	20.45	19.95	20.95	20.47	0.11

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35I
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12725

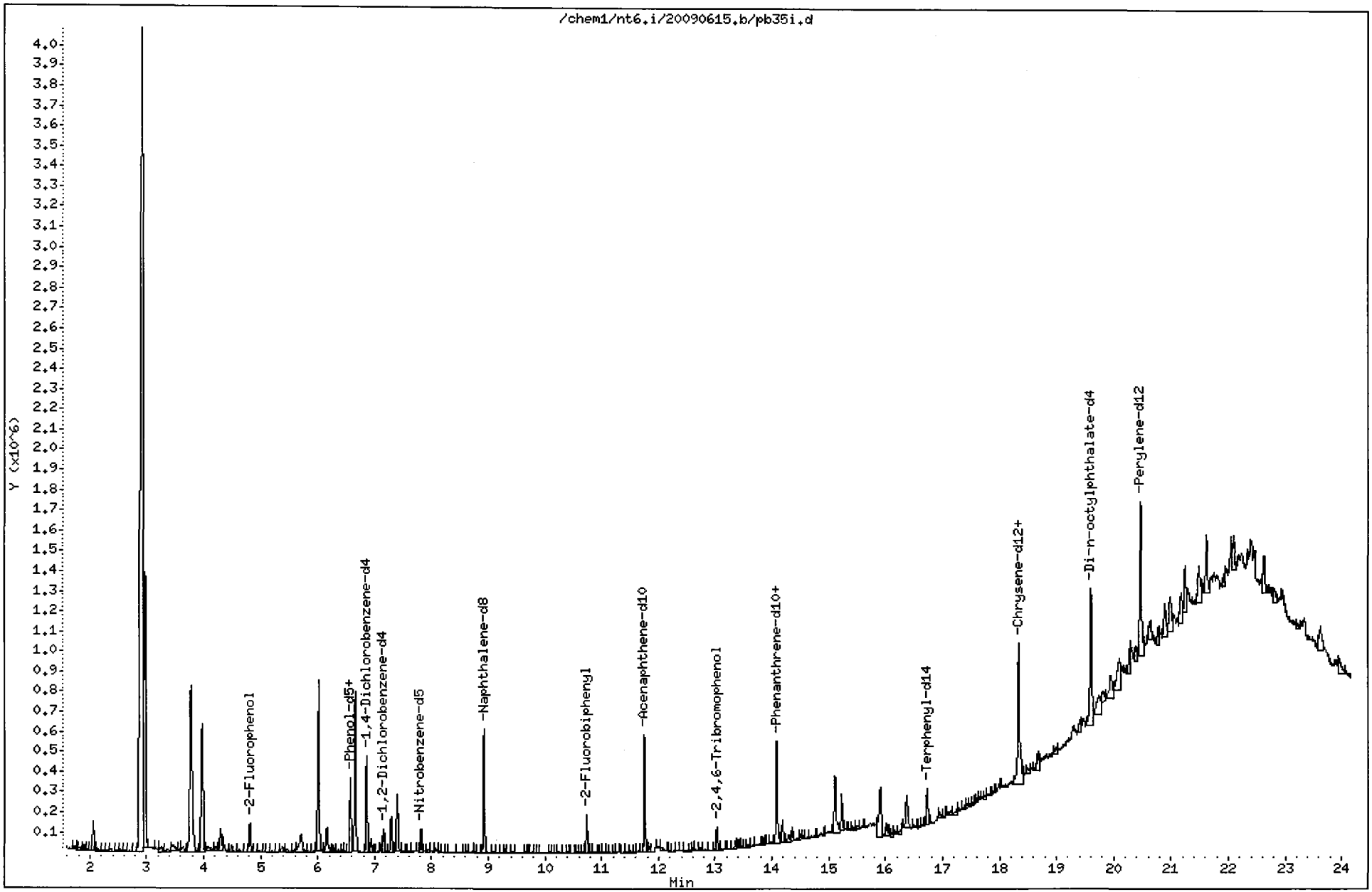
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED2-B
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	721.0	449.5	62.35	21-100
$ 2 Phenol-d5	721.0	473.7	65.70	10-100
$ 5 2-Chlorophenol-d4	721.0	448.3	62.18	30-100
$ 10 1,2-Dichlorobenzen	480.7	264.7	55.08	24-100
$ 18 Nitrobenzene-d5	480.7	299.8	62.36	26-100
$ 36 2-Fluorobiphenyl	480.7	339.3	70.59	32-100
$ 55 2,4,6-Tribromophen	721.0	502.9	69.75	33-118
$ 66 Terphenyl-d14	480.7	264.9	55.12	21-97

Data File: /chem1/nt6.i/20090615.b/pb35i.d
Date : 15-JUN-2009 18:27
Client ID: 3SED2-B
Sample Info: PB35I,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

PB35:06219



Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

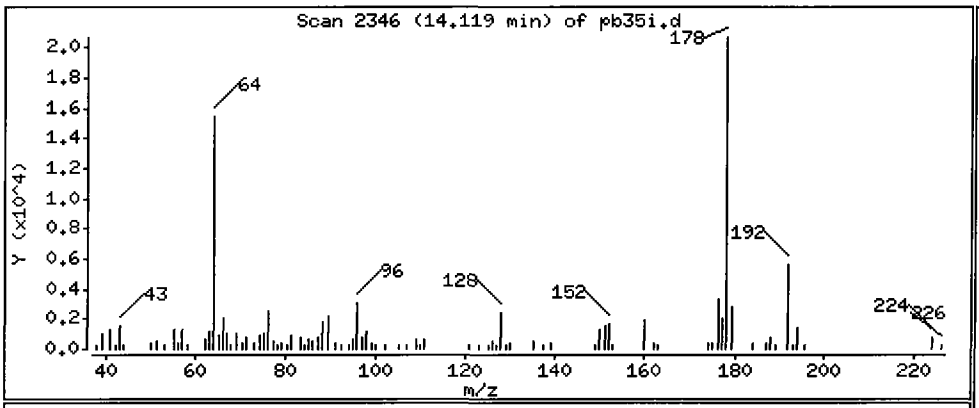
Operator: LJR/VTS

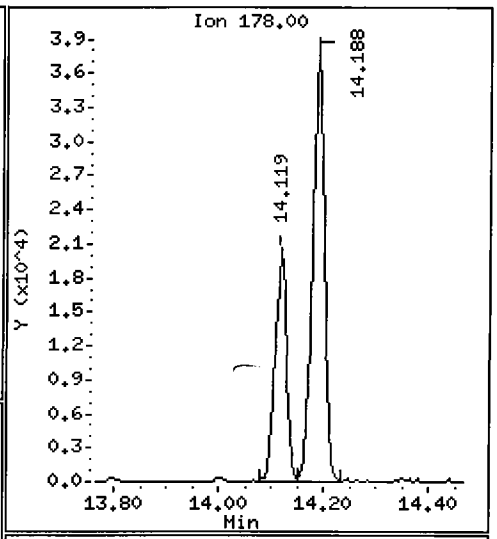
Column phase: ZB-5

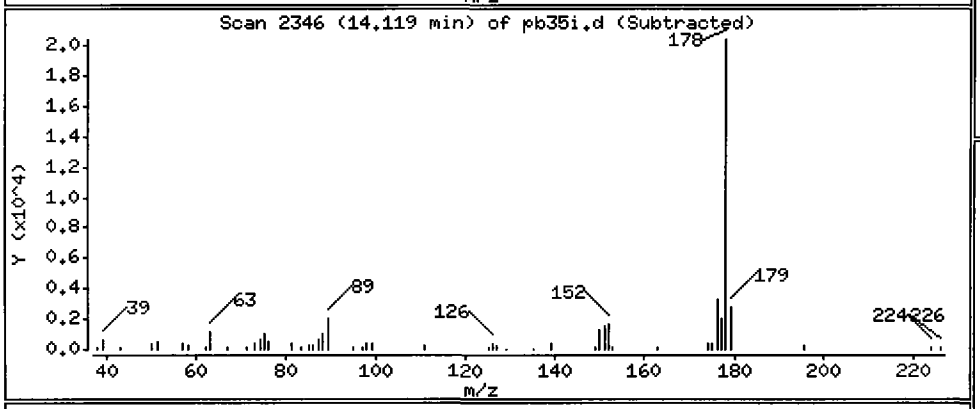
Column diameter: 0.32

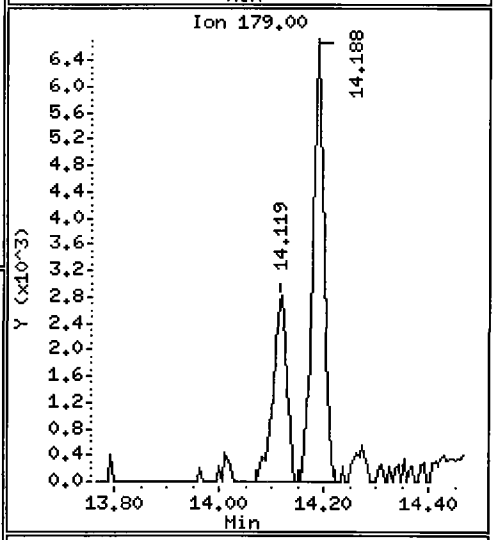
60 Phenanthrene

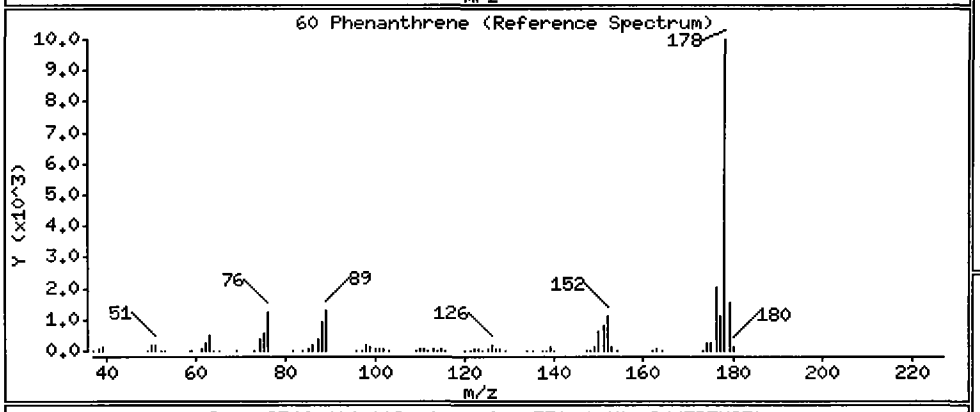
Concentration: 101.9 ug/kg

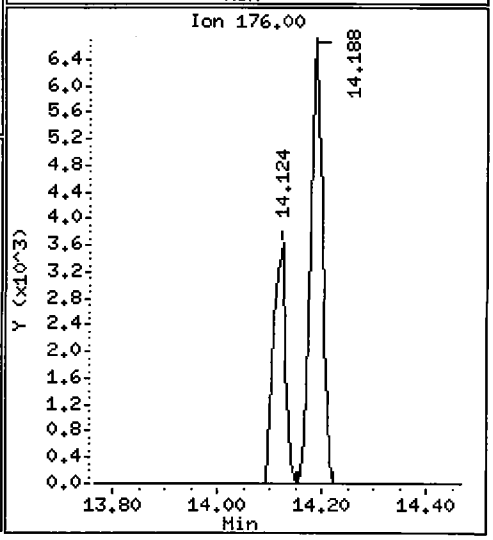


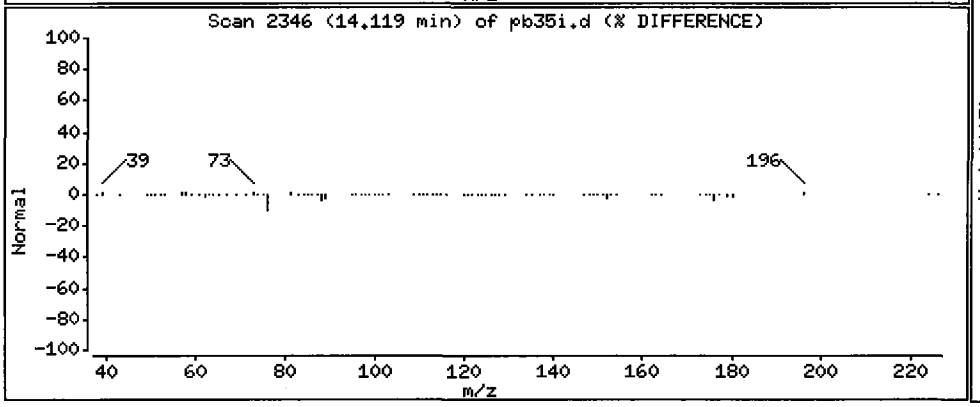












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

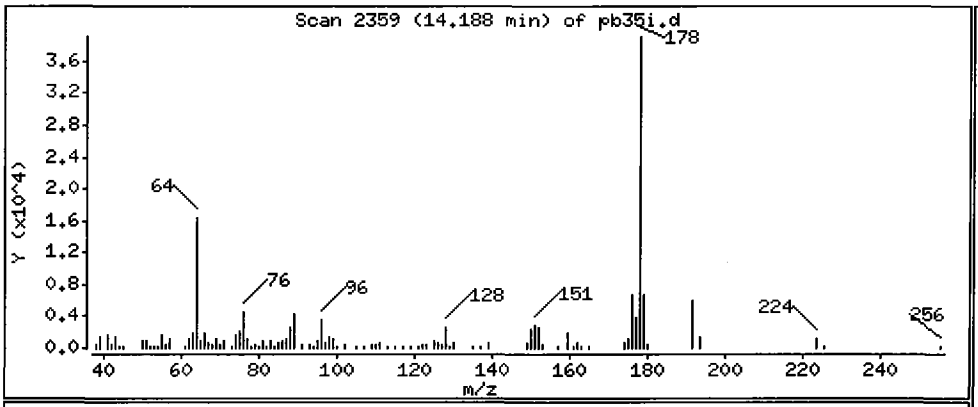
Operator: LJR/VTS

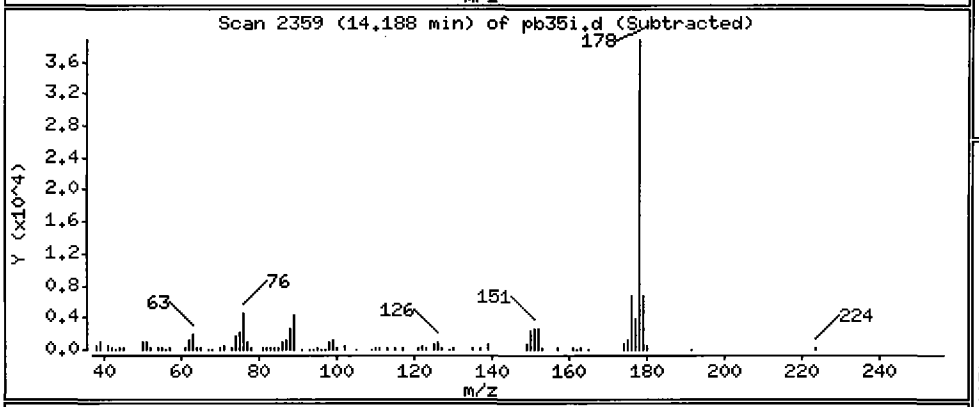
Column phase: ZB-5

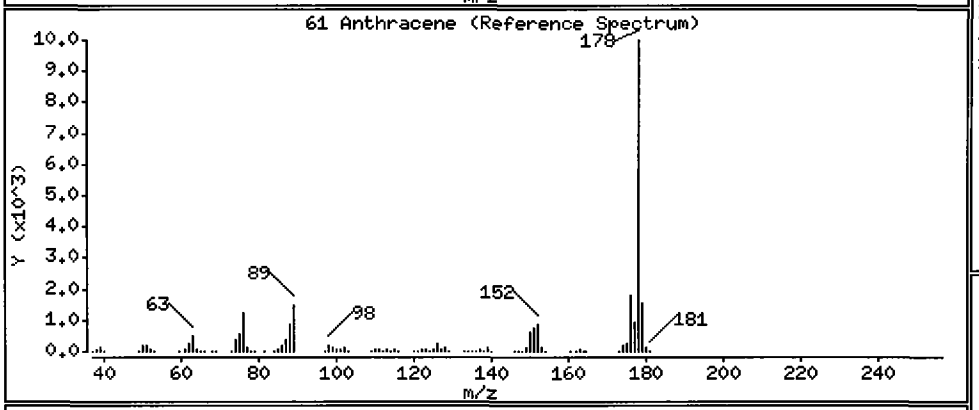
Column diameter: 0.32

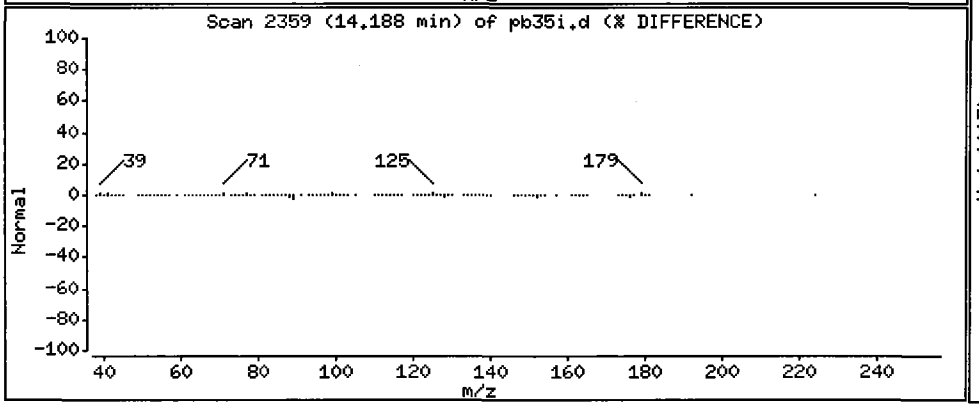
61 Anthracene

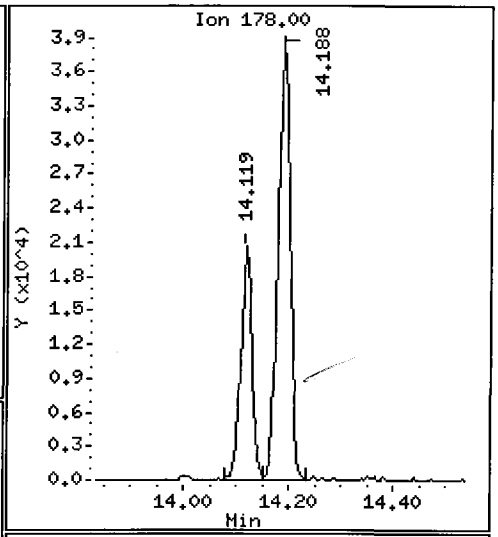
Concentration: 200.9 ug/kg

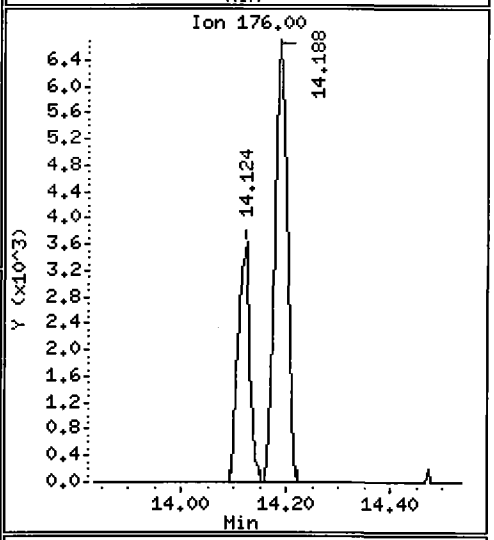


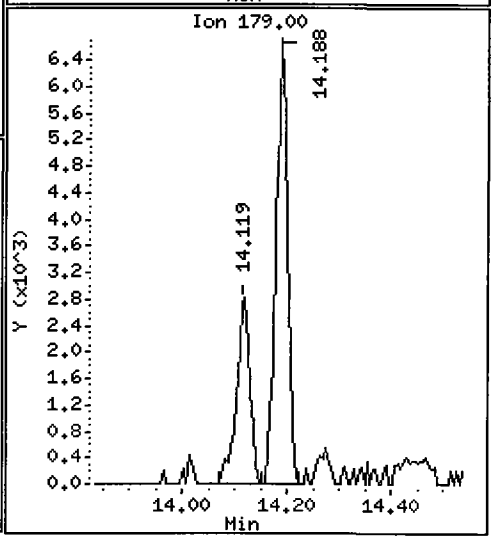












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

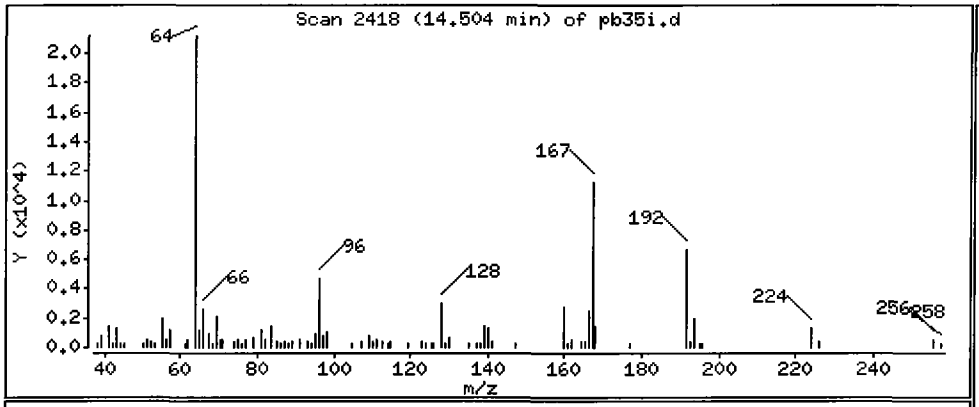
Operator: LJR/VTS

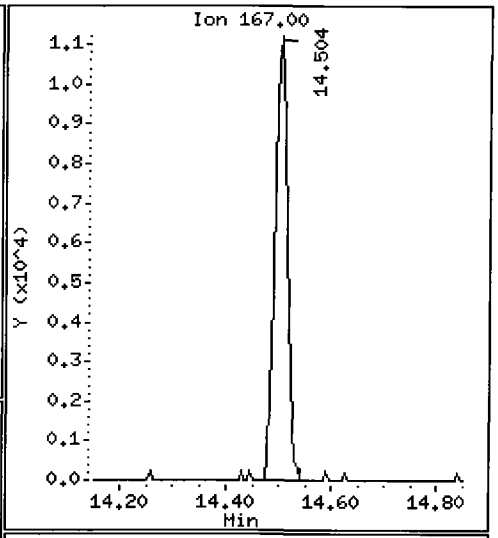
Column phase: ZB-5

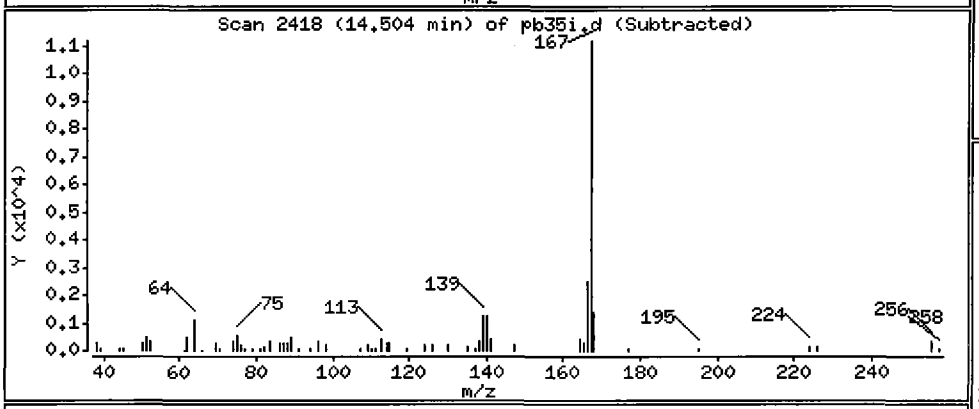
Column diameter: 0.32

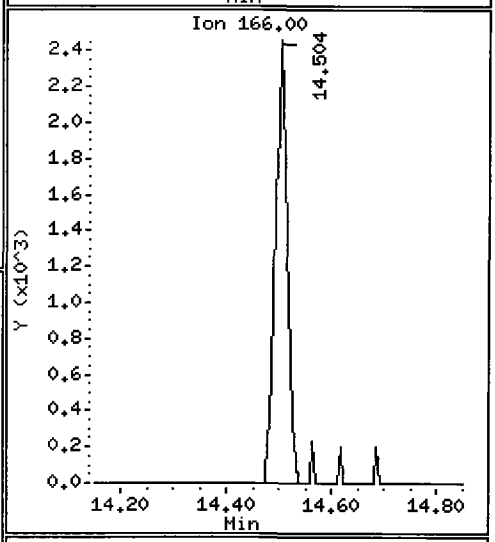
62 Carbazole

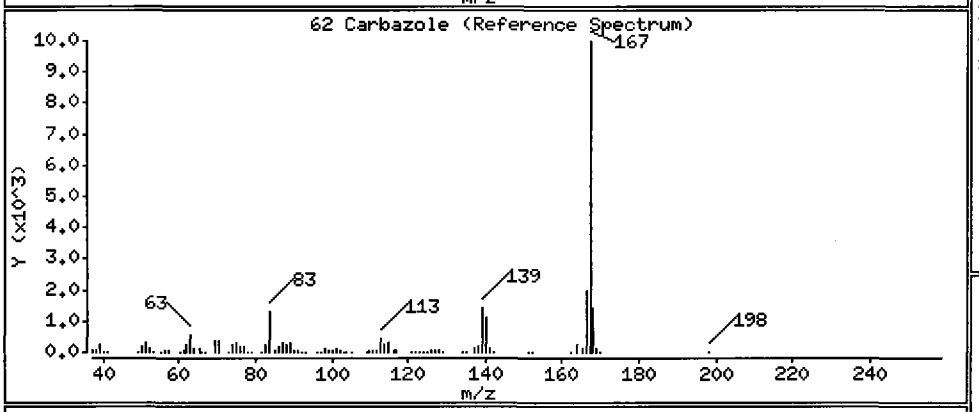
Concentration: 72.39 ug/kg

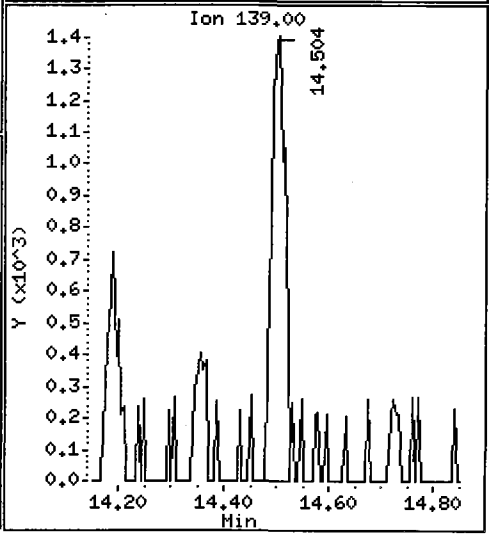


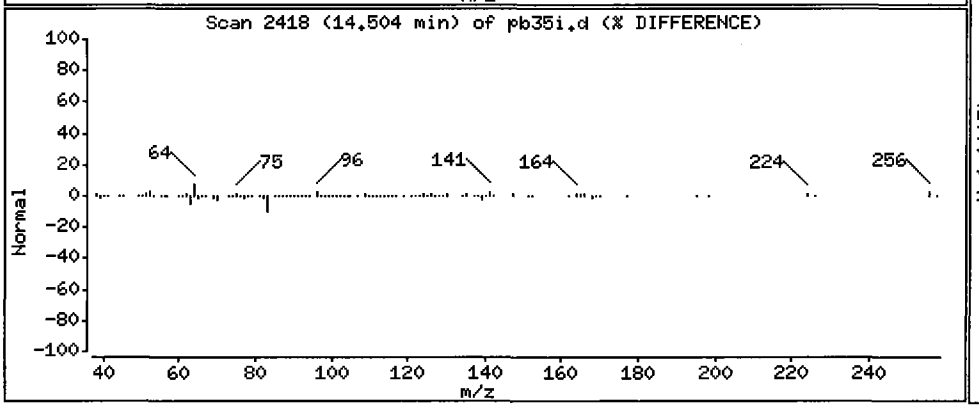












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

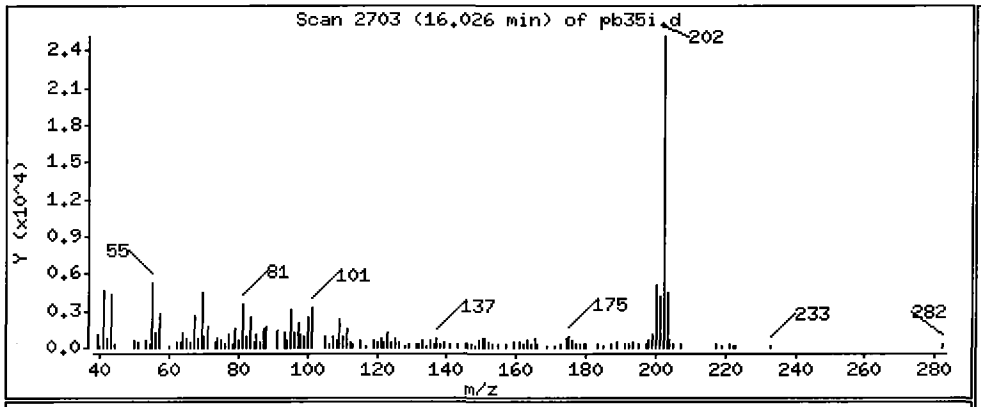
Operator: LJR/VTS

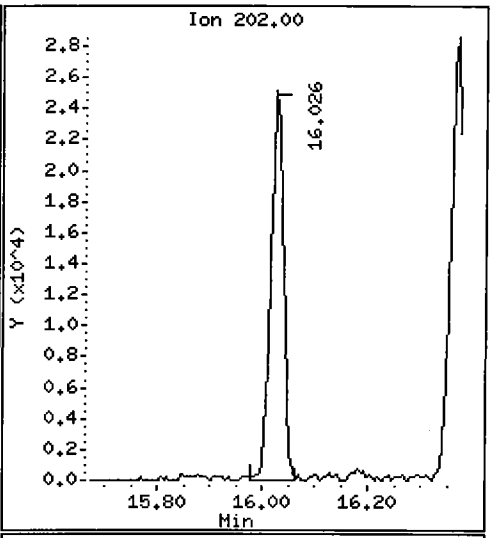
Column phase: ZB-5

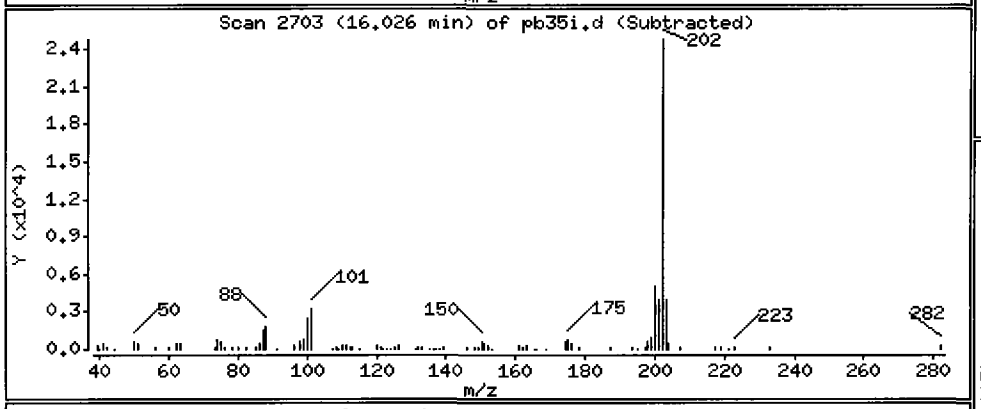
Column diameter: 0.32

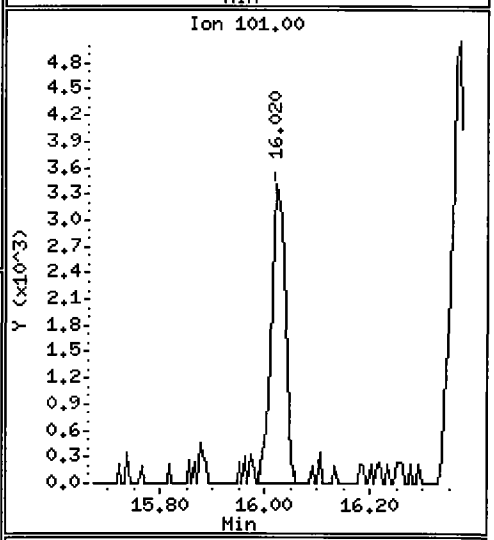
64 Fluoranthene

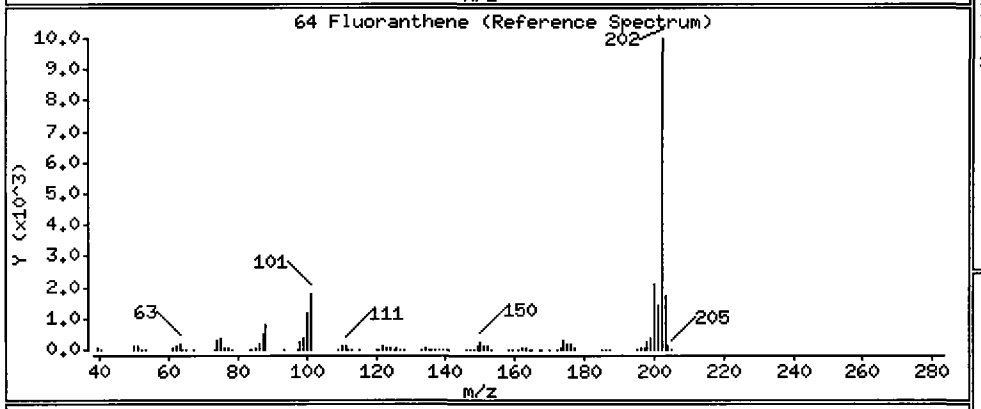
Concentration: 135.2 ug/kg

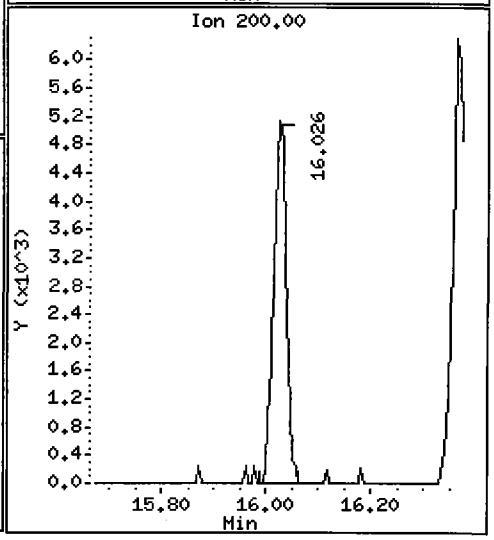


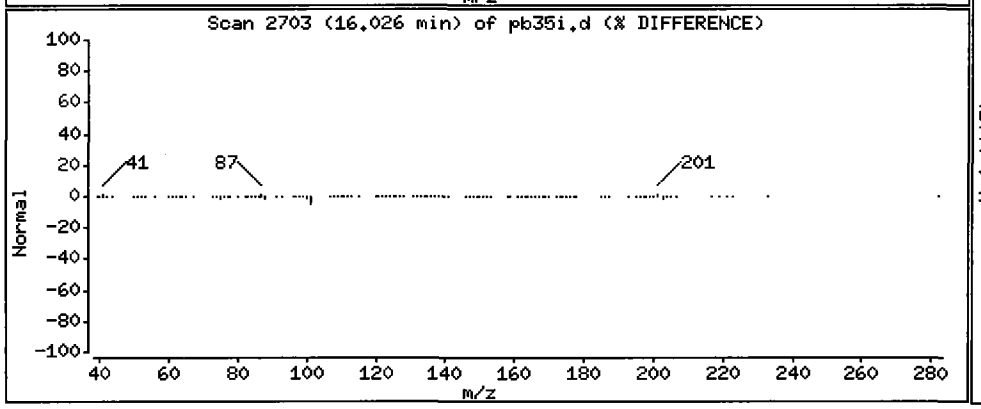












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

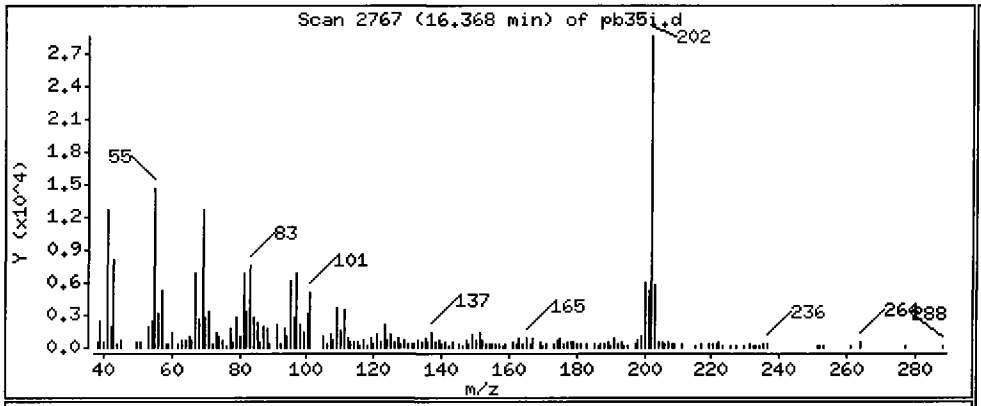
Operator: LJR/VTS

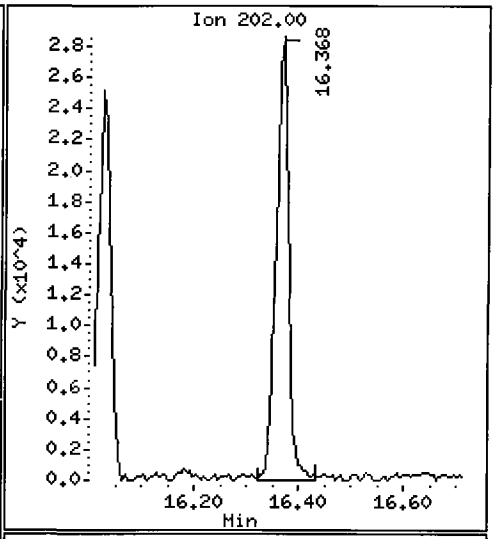
Column phase: ZB-5

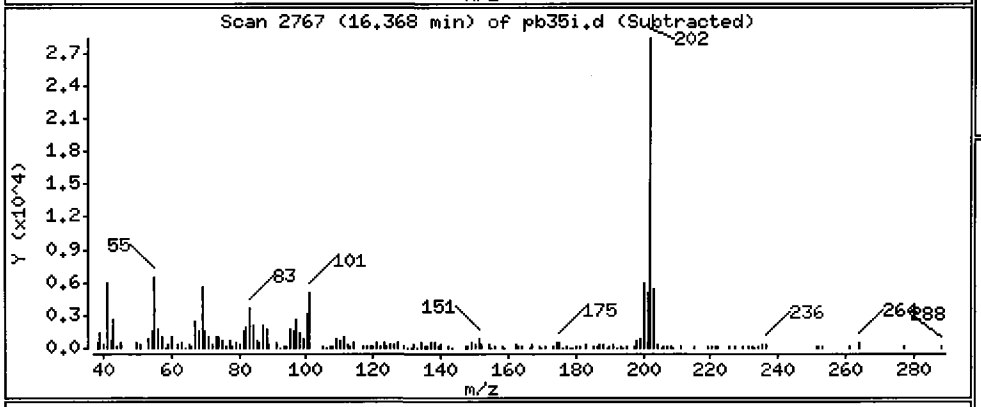
Column diameter: 0.32

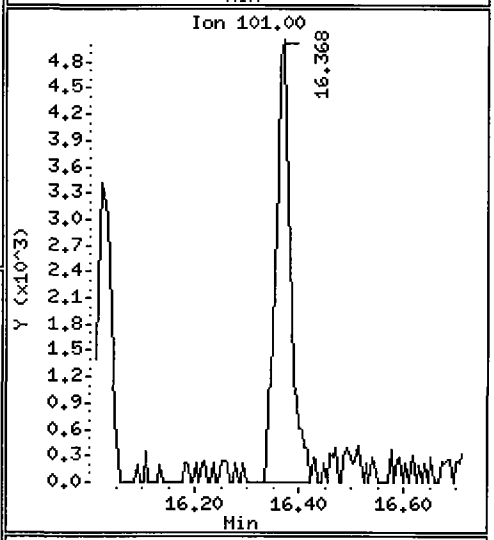
65 Pyrene

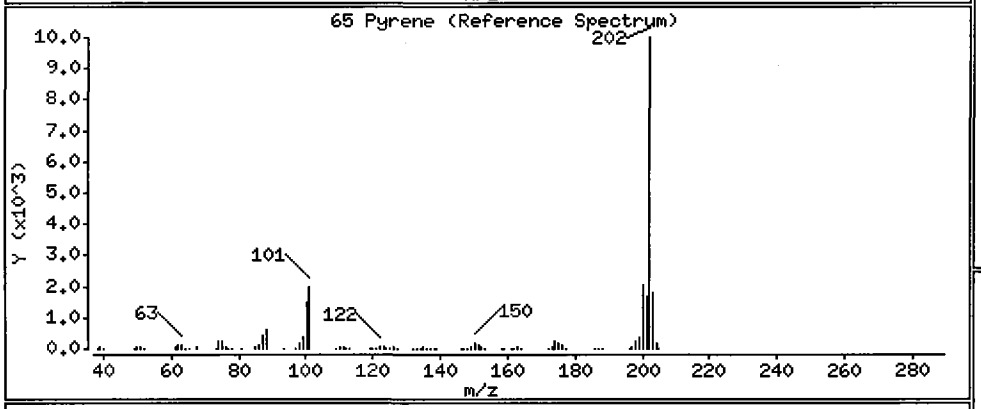
Concentration: 94.73 ug/kg

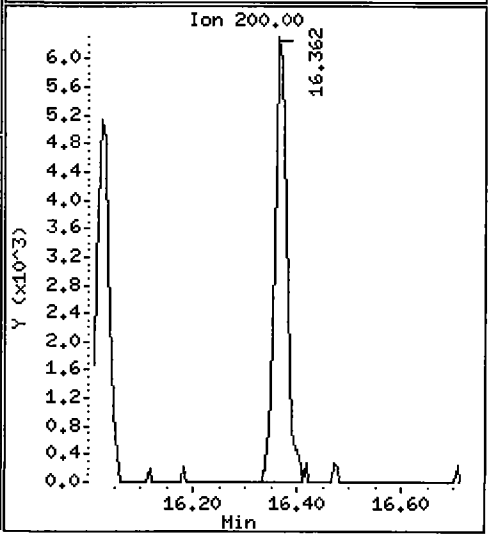


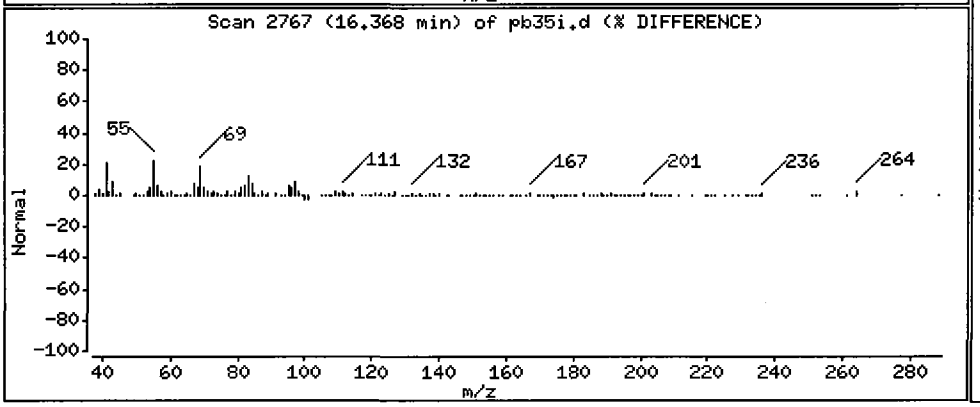












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

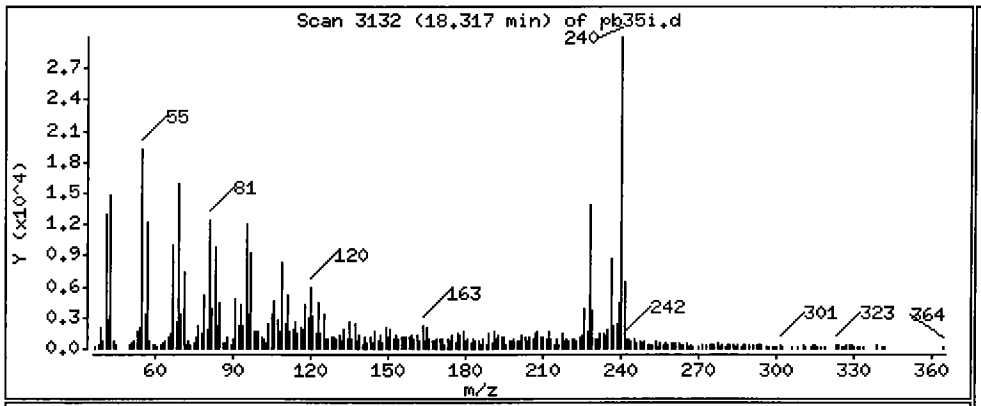
Operator: LJR/VTS

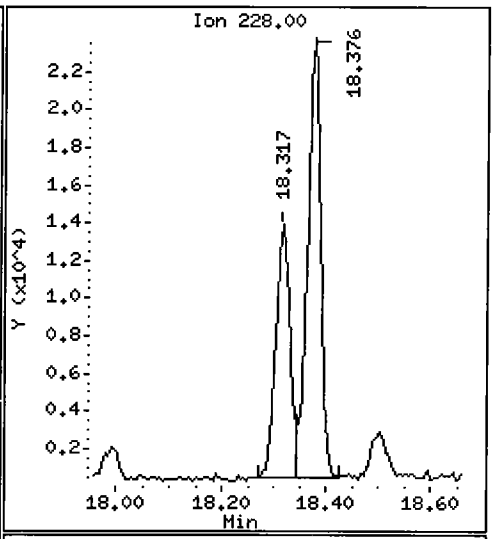
Column phase: ZB-5

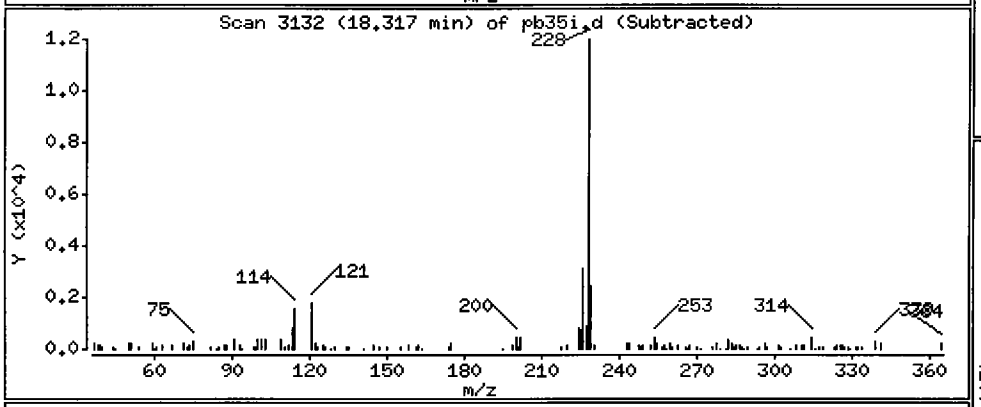
Column diameter: 0.32

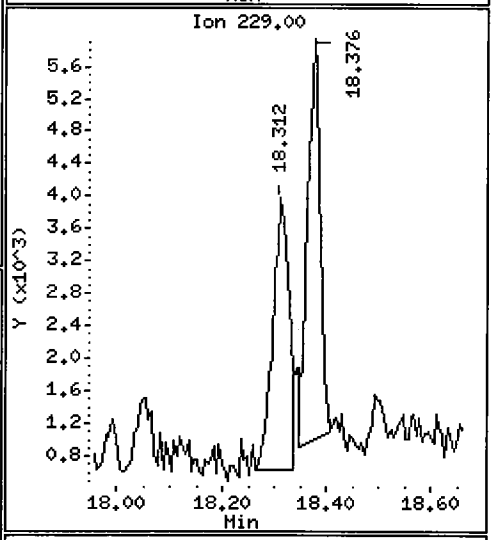
68 Benzo(a)anthracene

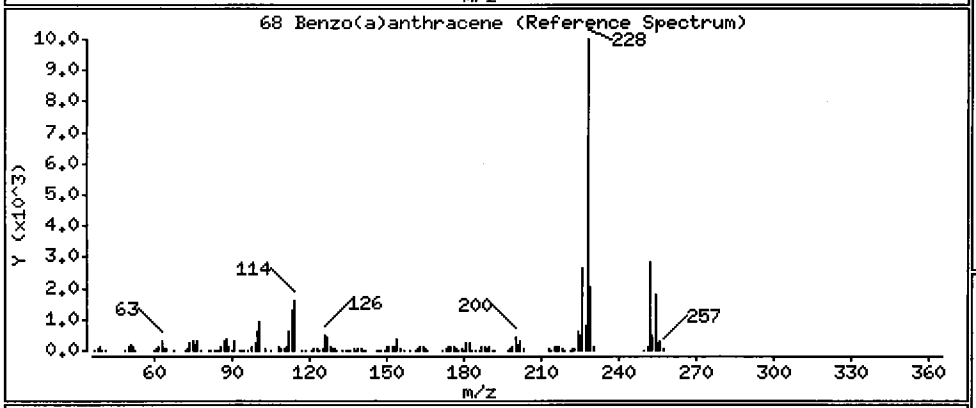
Concentration: 57.70 ug/kg

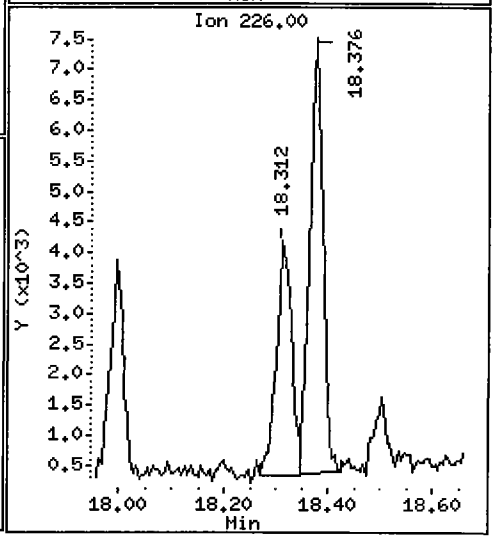


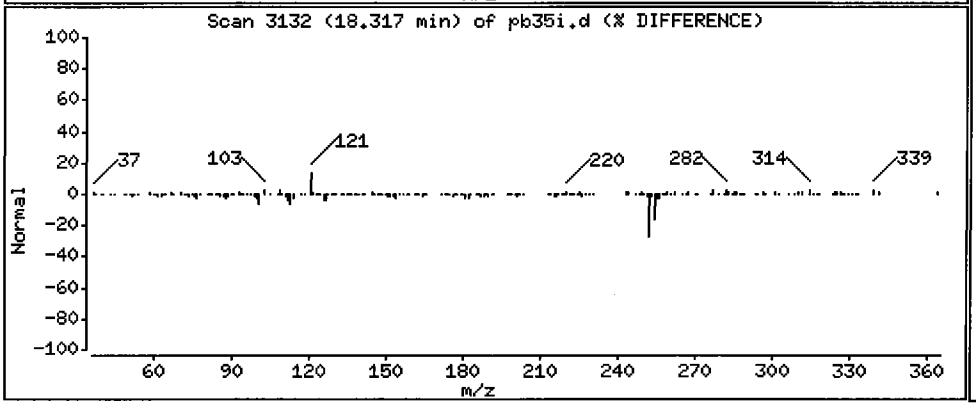












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

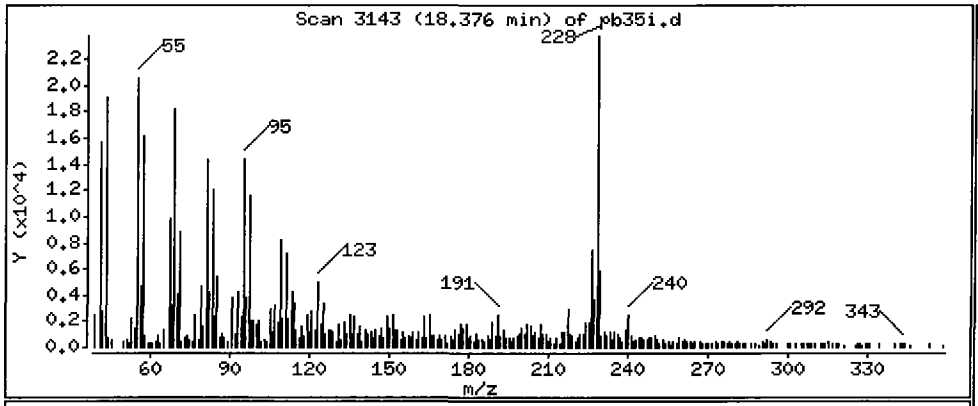
Operator: LJR/VTS

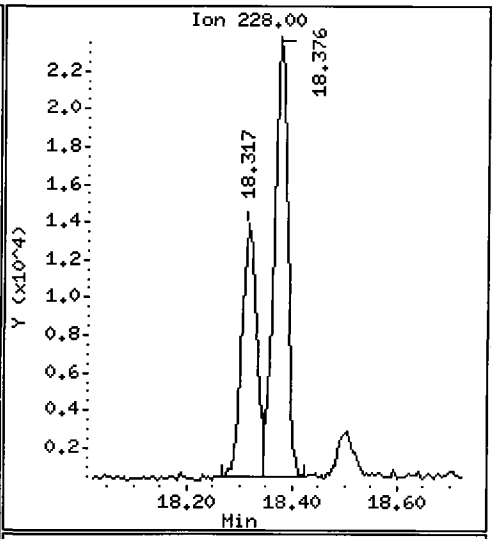
Column phase: ZB-5

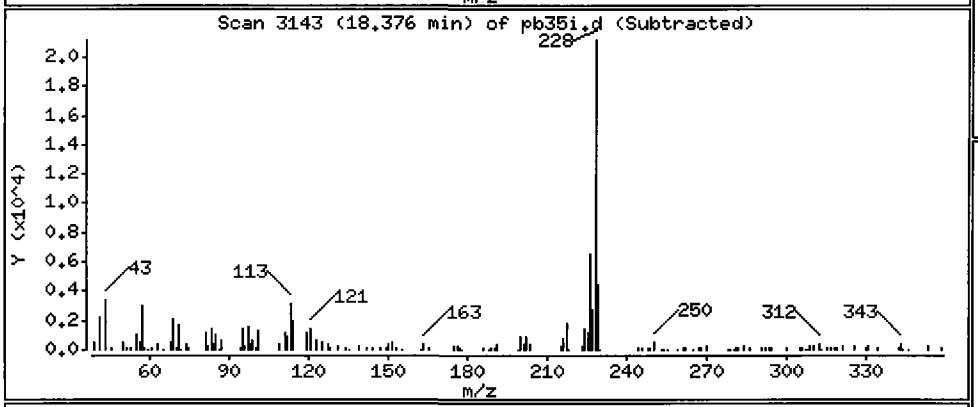
Column diameter: 0.32

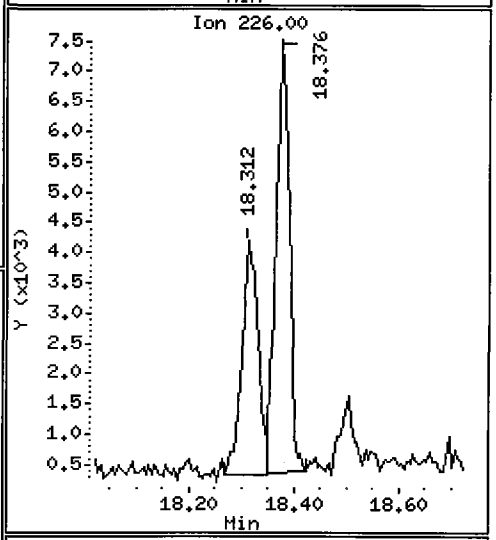
71 Chrysene

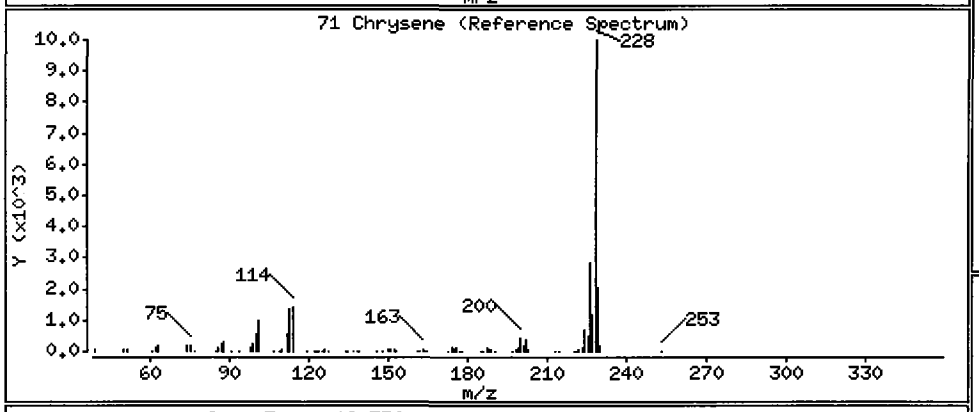
Concentration: 97.62 ug/kg

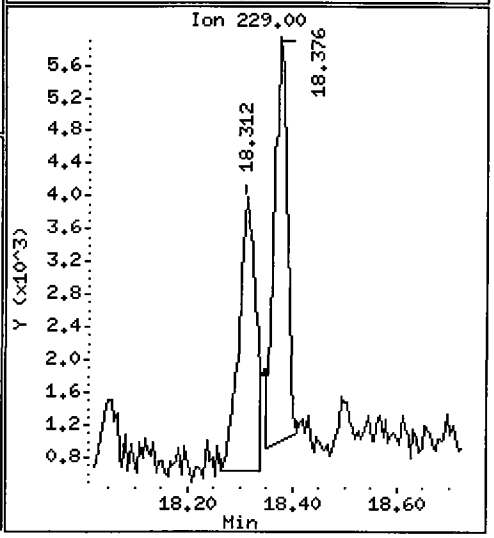


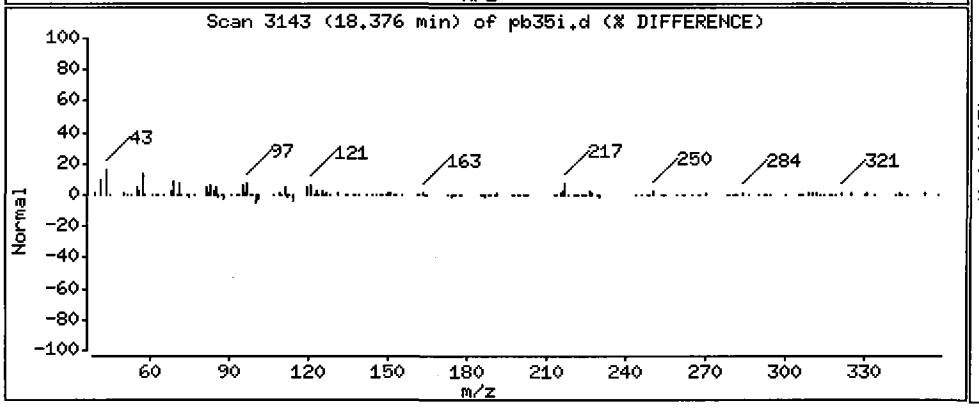












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

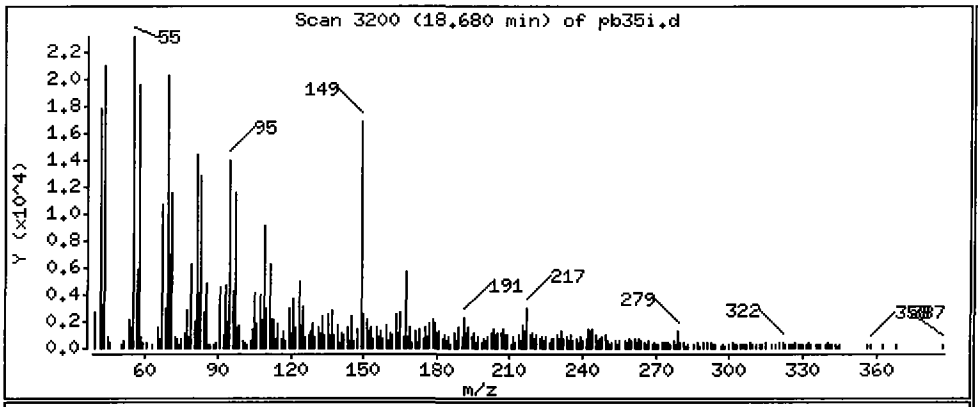
Operator: LJR/VTS

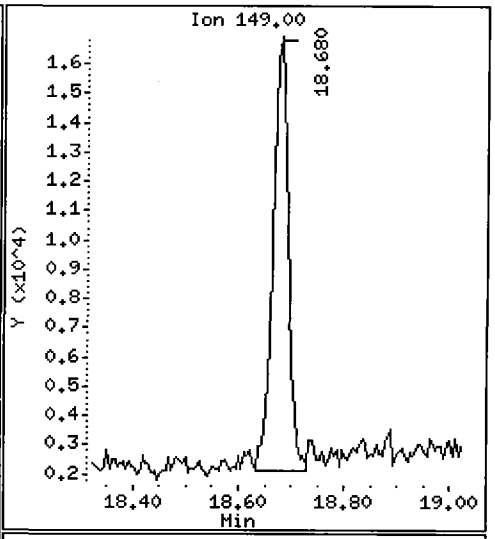
Column phase: ZB-5

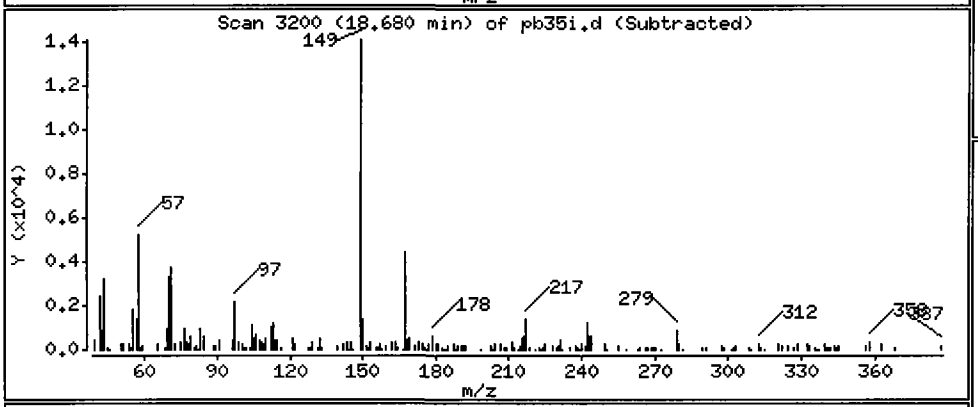
Column diameter: 0.32

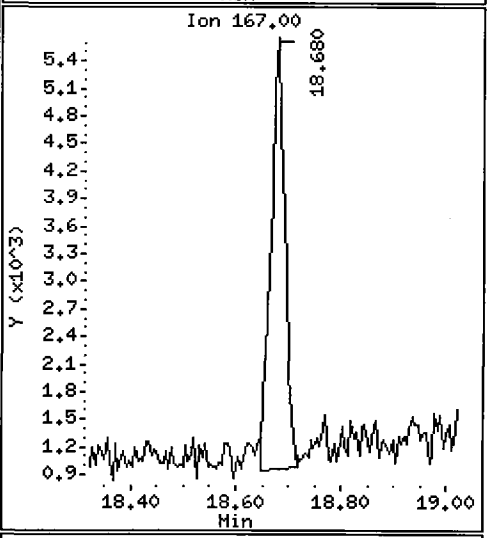
72 bis(2-Ethylhexyl)phthalate

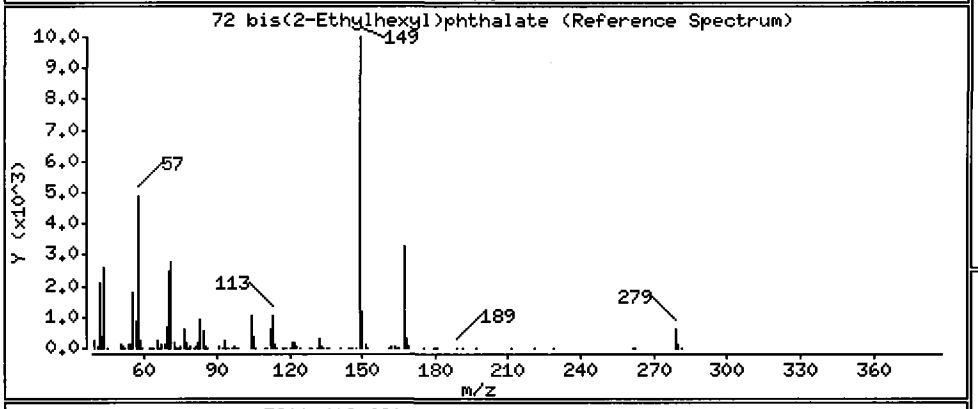
Concentration: 103.2 ug/kg

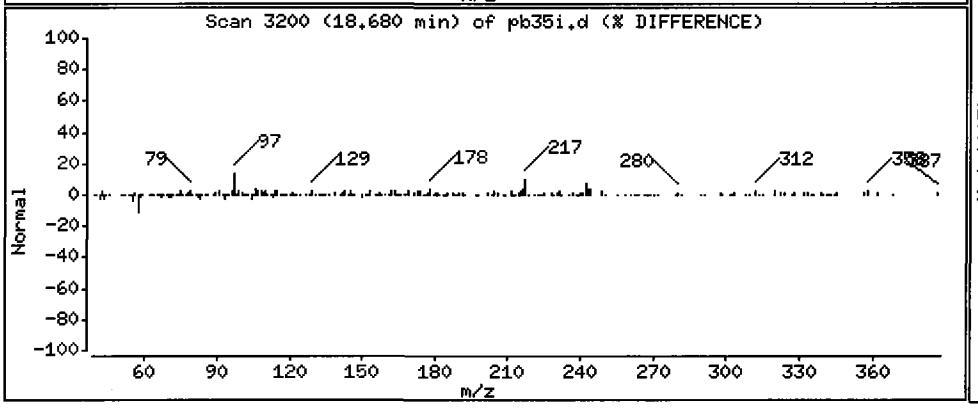


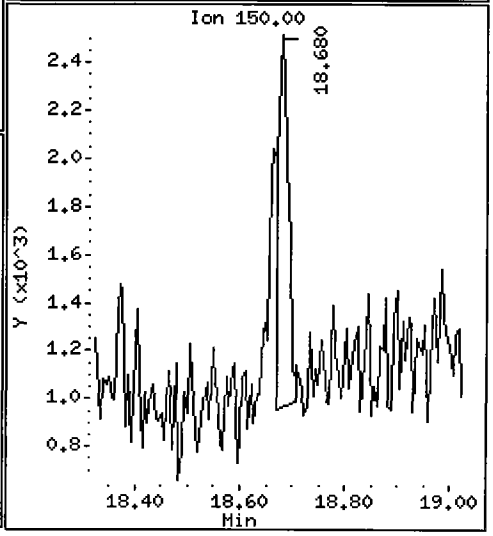












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

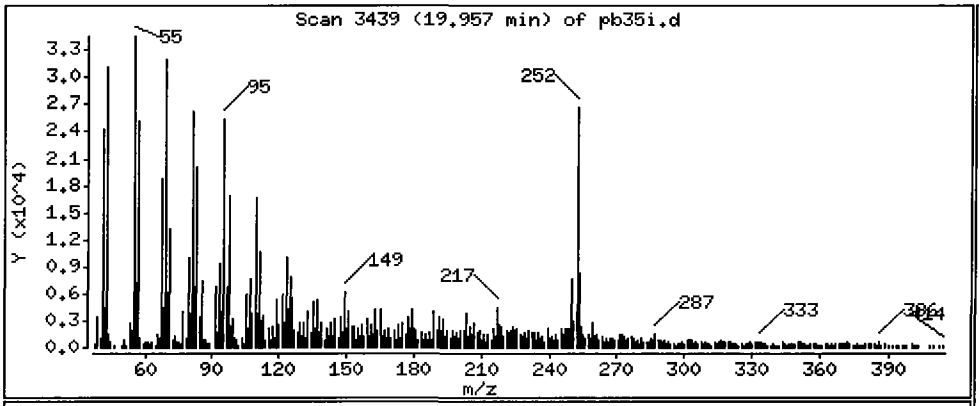
Column phase: ZB-5

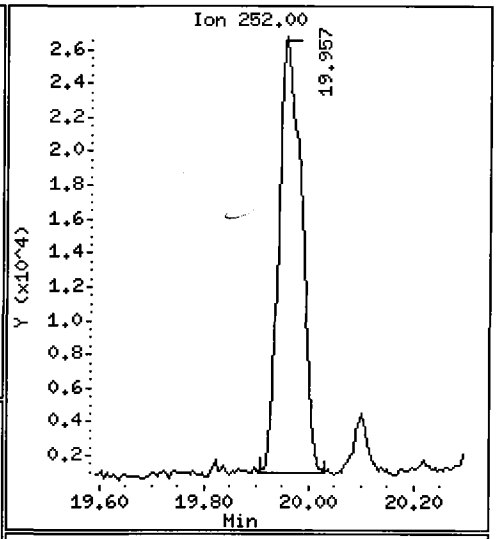
Column diameter: 0.32

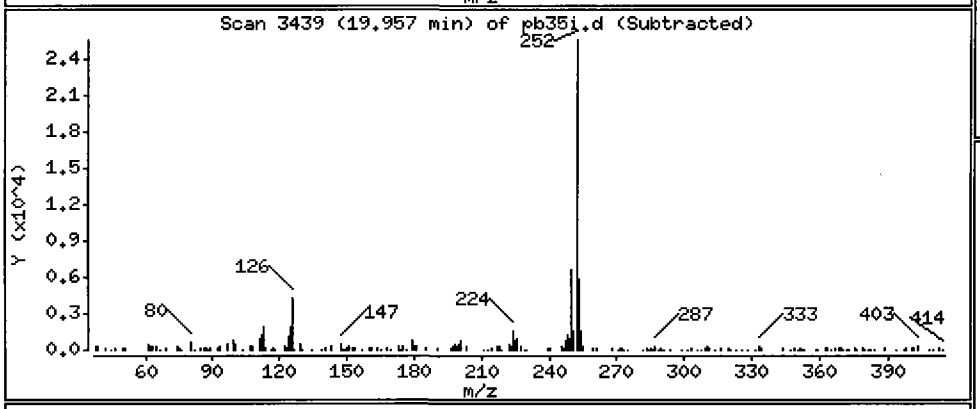
1/2

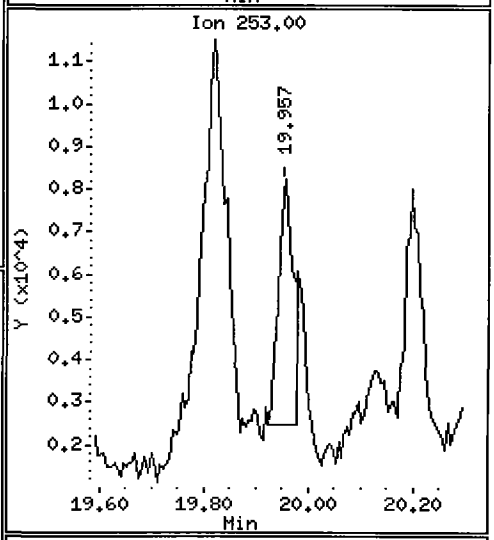
74 Benzo(b)fluoranthene

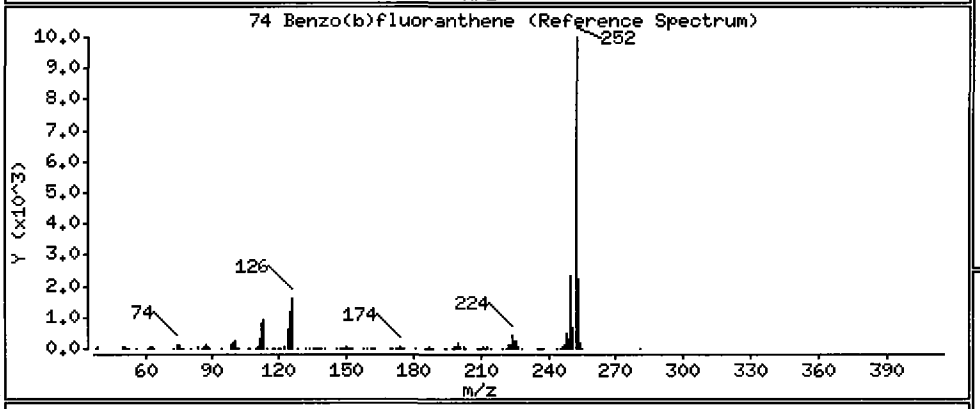
Concentration: 134.8 ug/kg

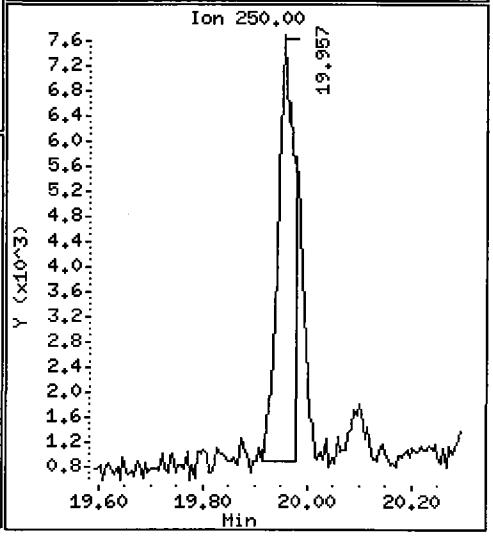


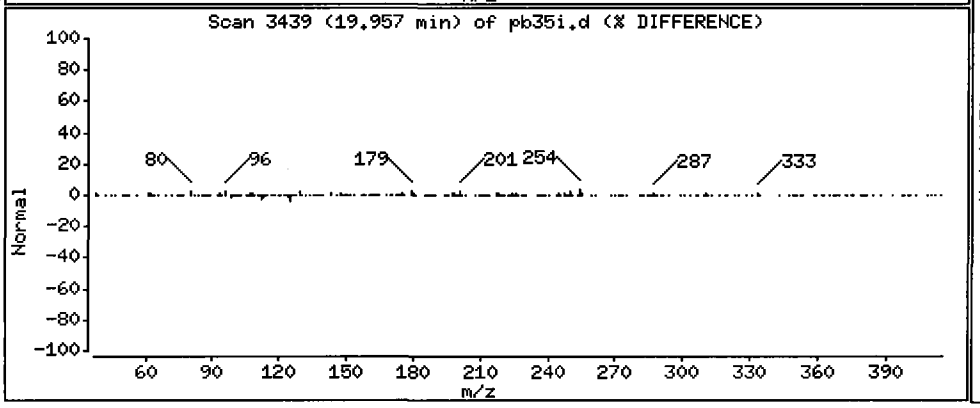












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

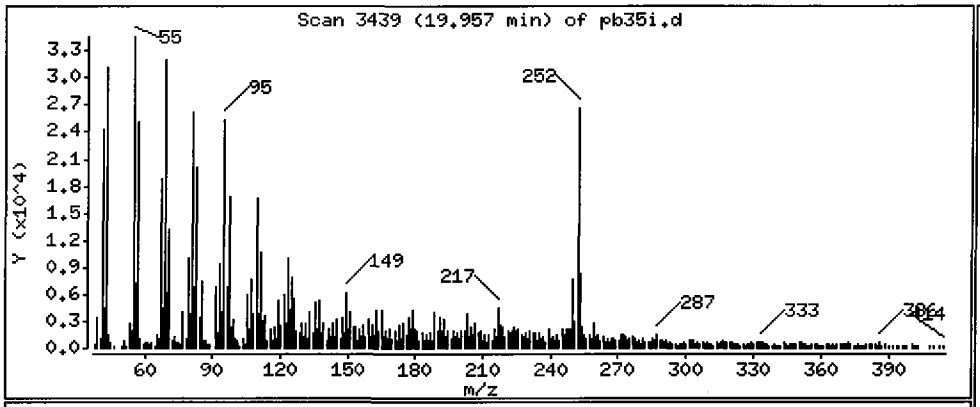
Column phase: ZB-5

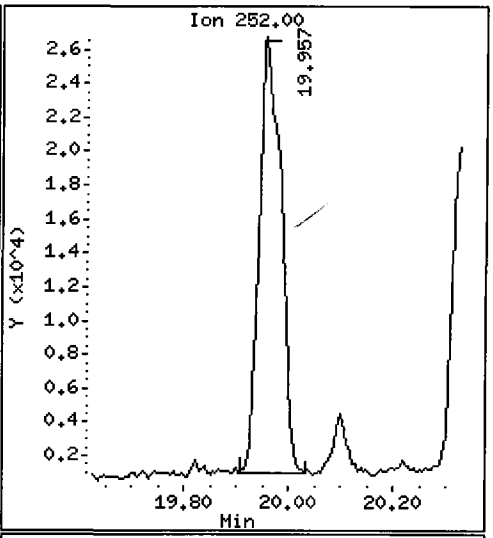
Column diameter: 0.32

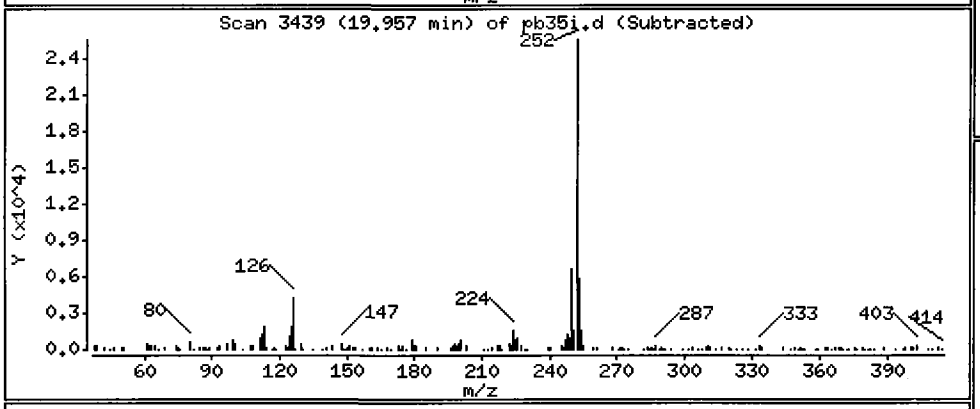
75 Benzo(k)fluoranthene

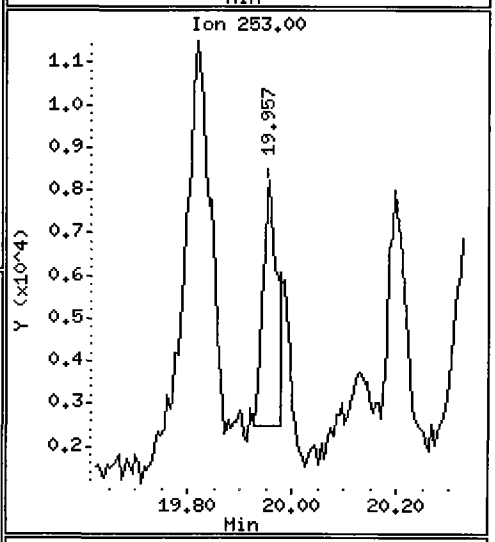
Concentration: 131.3 ug/kg

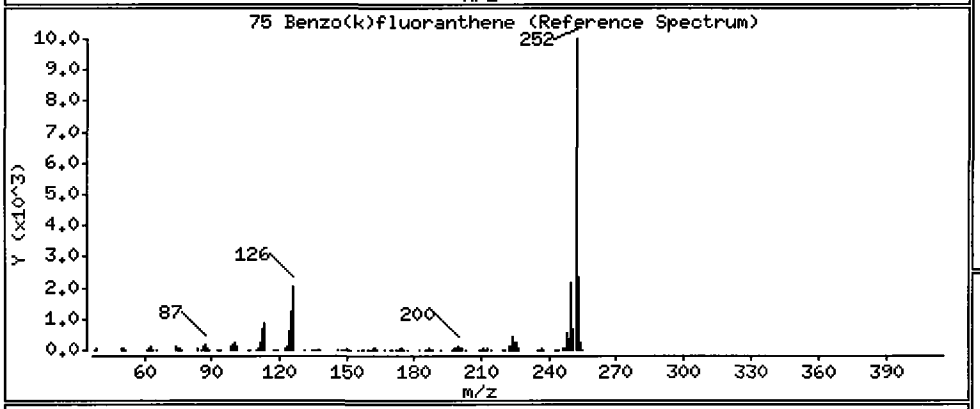
1/2

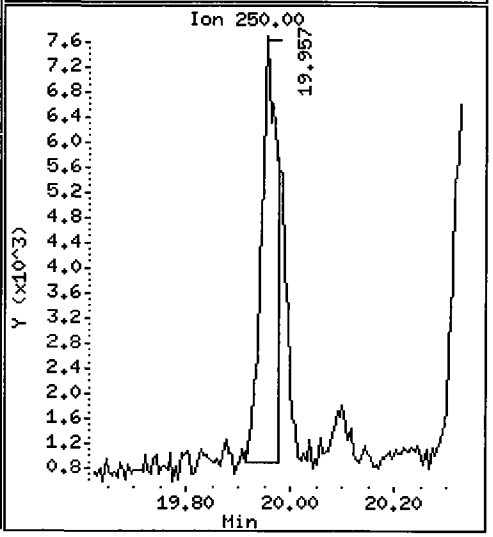


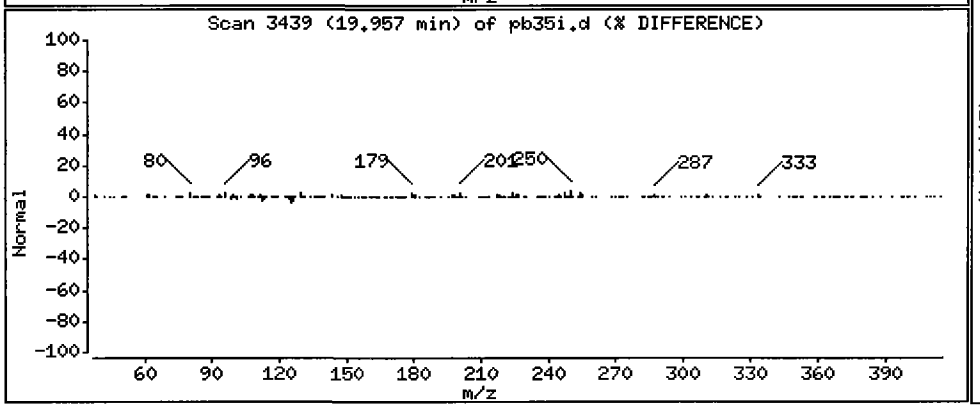












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

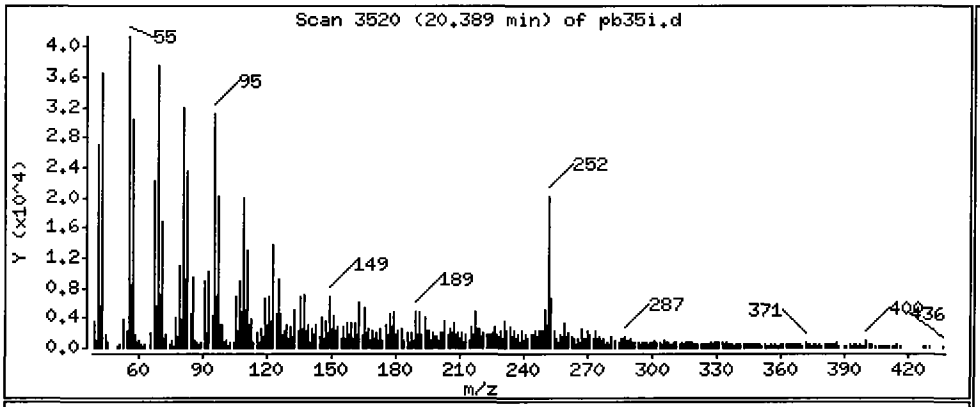
Operator: LJR/VTS

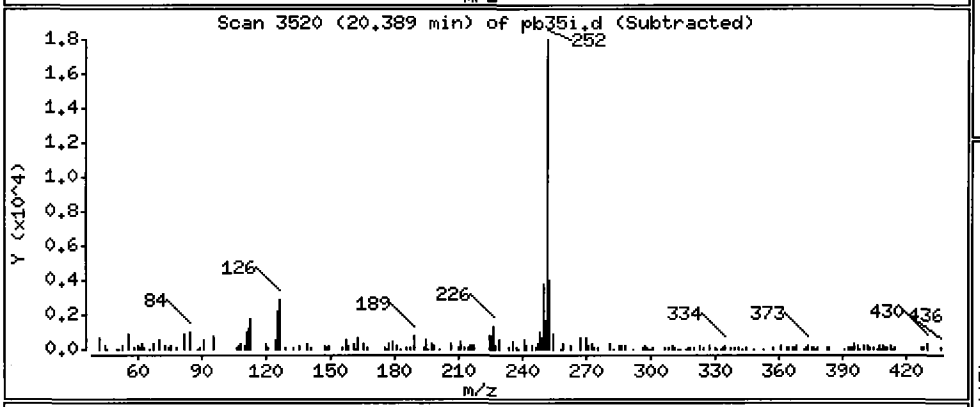
Column phase: ZB-5

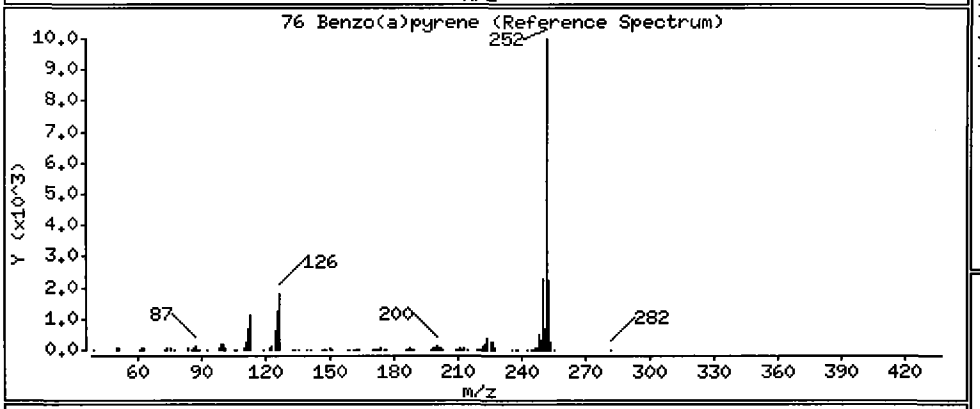
Column diameter: 0.32

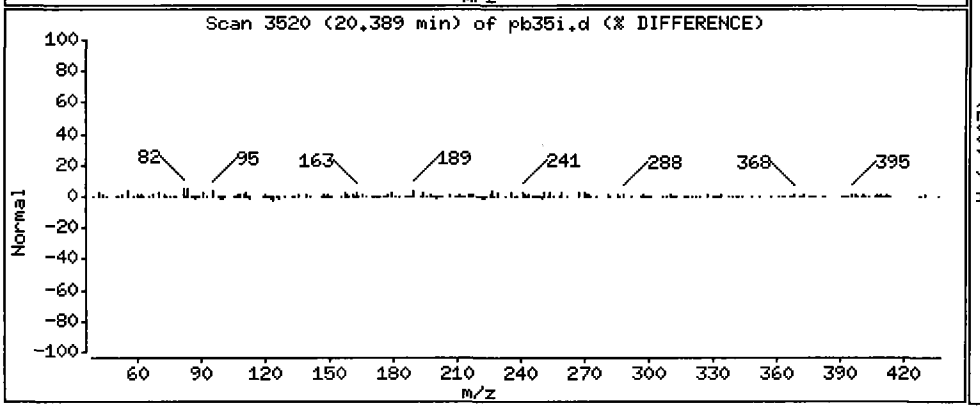
76 Benzo(a)pyrene

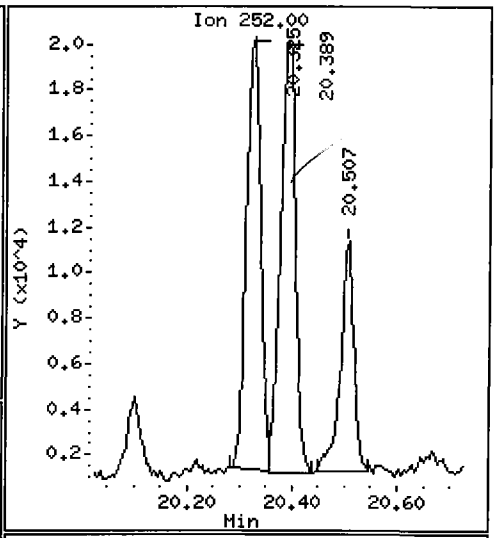
Concentration: 75.92 ug/kg

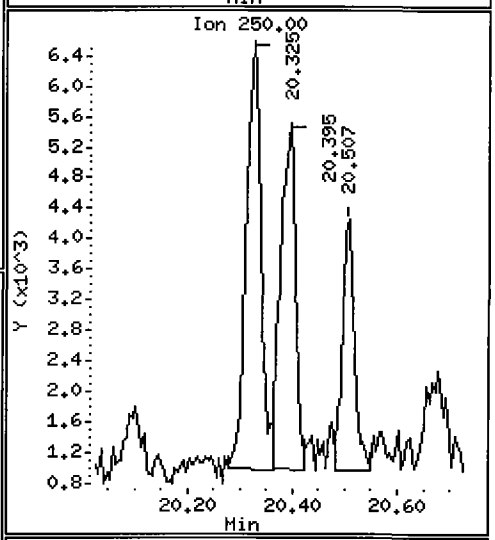


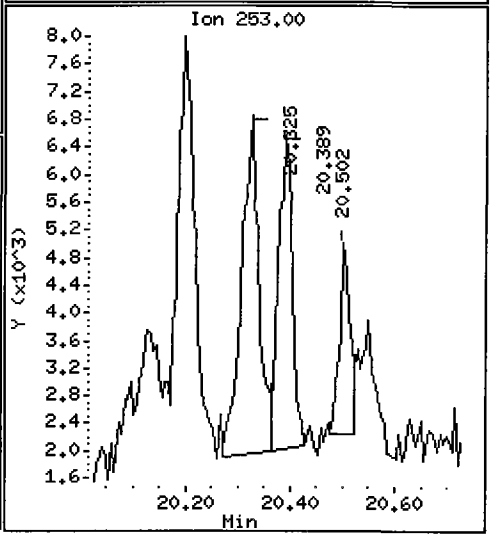












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

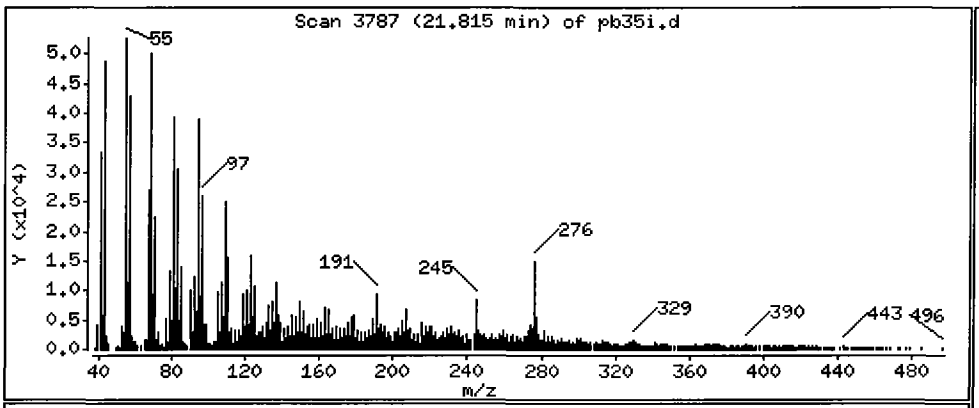
Column phase: ZB-5

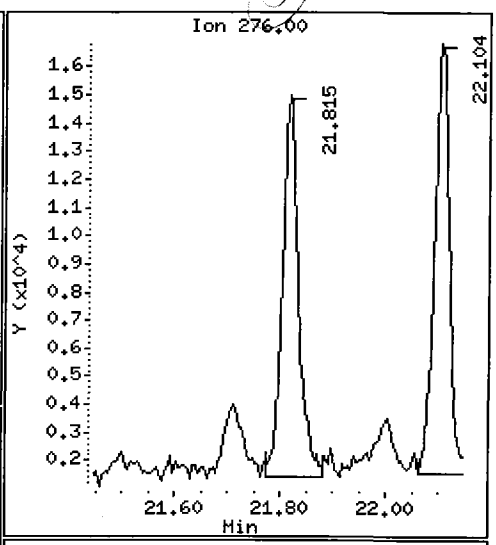
Column diameter: 0.32

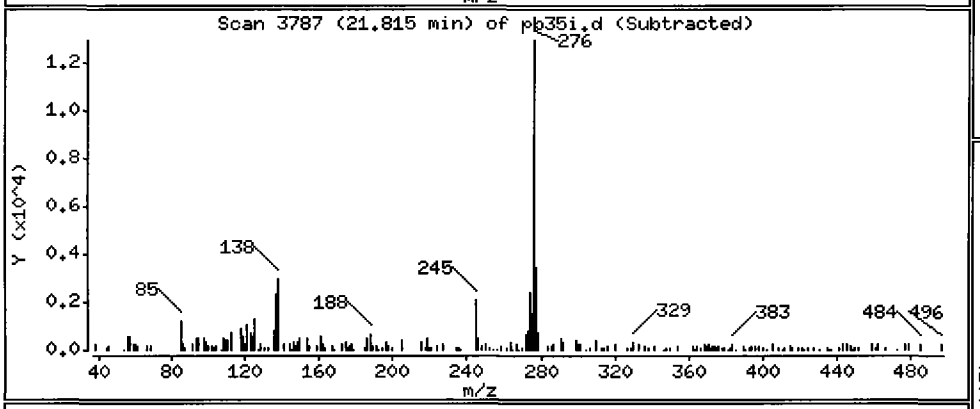
78 Indeno(1,2,3-cd)pyrene

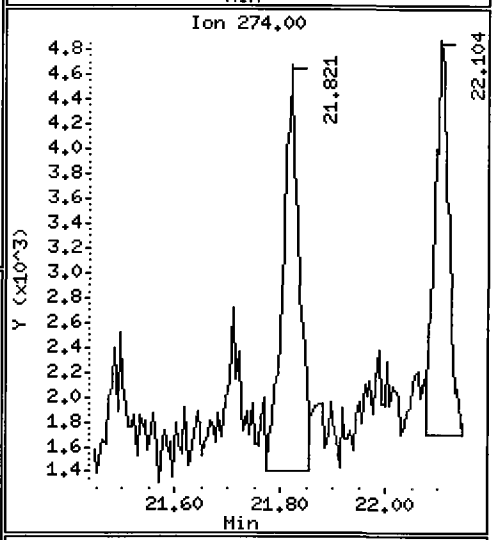
Concentration: 43.38 ug/kg

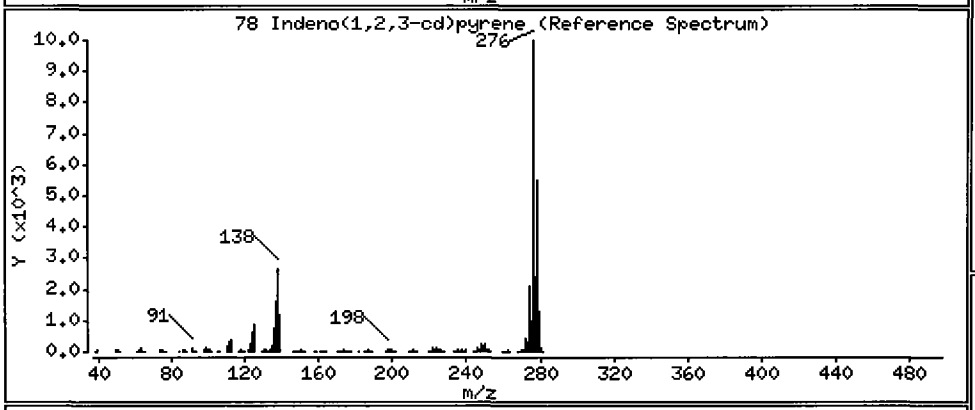
LJR

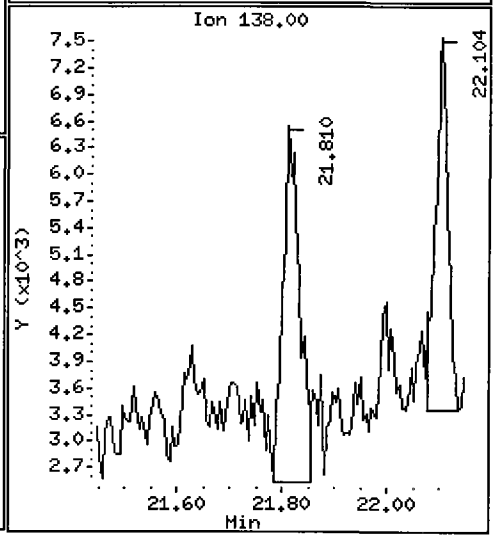


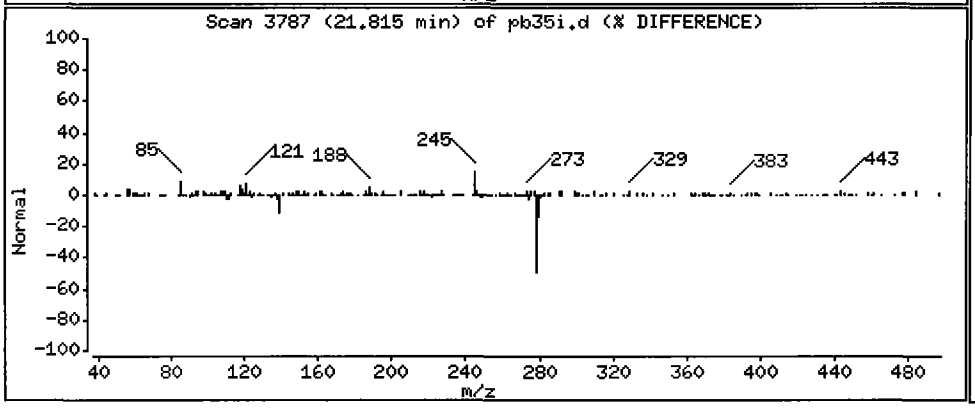












Data File: /chem1/nt6.i/20090615.b/pb35i.d

Date : 15-JUN-2009 18:27

Client ID: 3SED2-B

Instrument: nt6.i

Sample Info: PB35I,3

Volume Injected (uL): 1.0

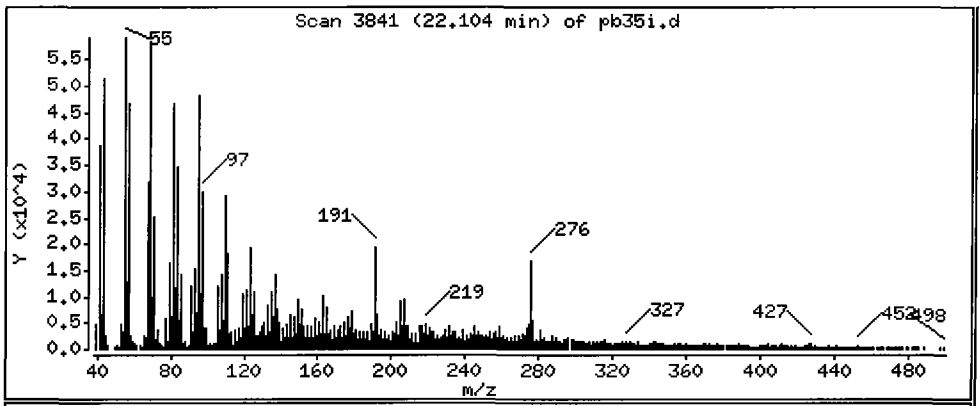
Operator: LJR/VTS

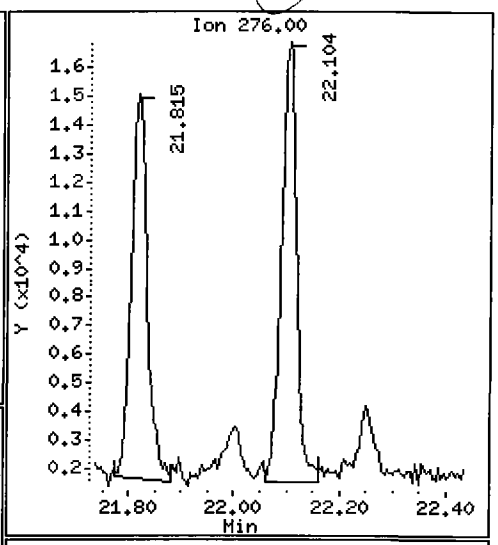
Column phase: ZB-5

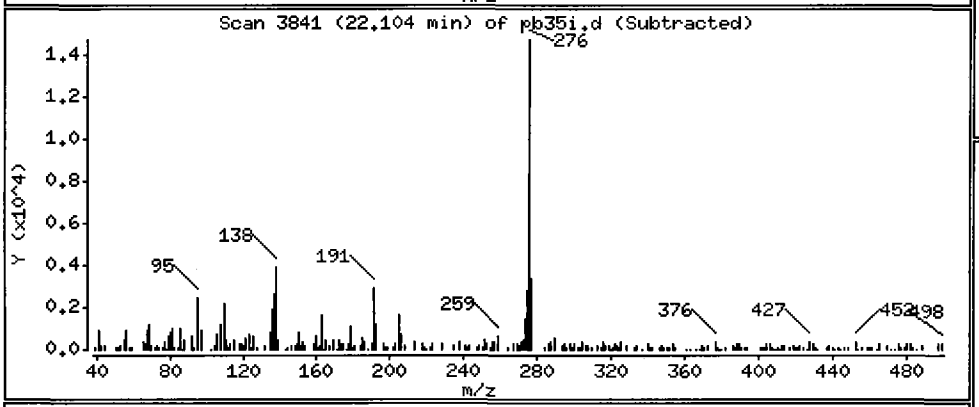
Column diameter: 0.32

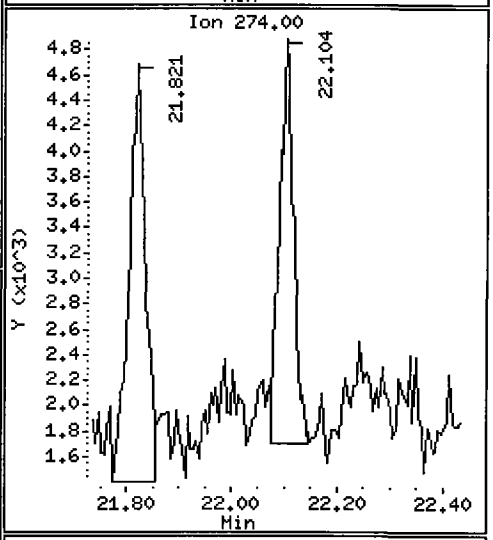
80 Benzo(g,h,i)perylene

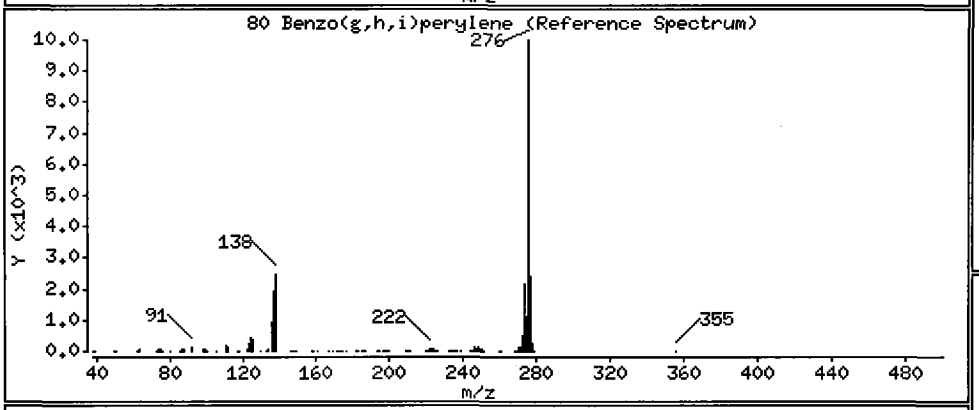
Concentration: 52.49 ug/kg

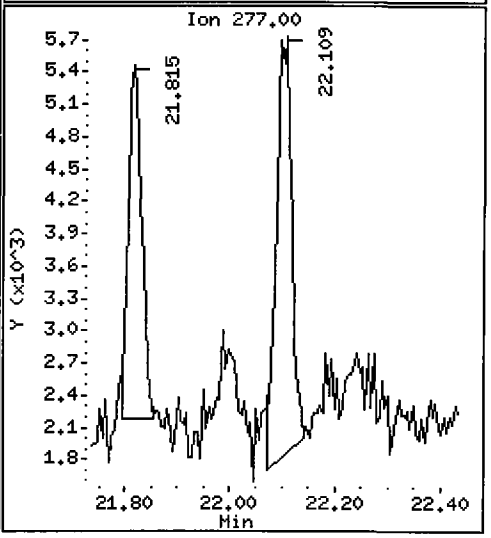


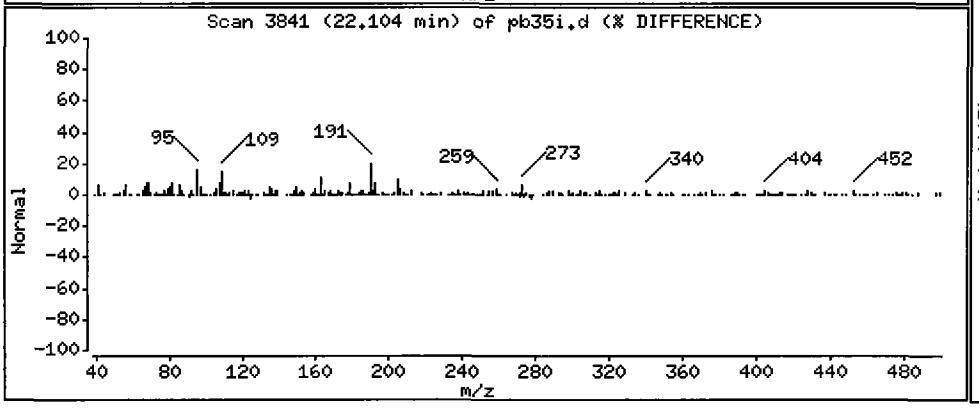












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED2-C
SAMPLE

Lab Sample ID: PB35J
LIMS ID: 09-12726
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 19:00
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 35.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	59	< 59 U
541-73-1	1,3-Dichlorobenzene	59	< 59 U
106-46-7	1,4-Dichlorobenzene	59	< 59 U
100-51-6	Benzyl Alcohol	59	< 59 U
95-50-1	1,2-Dichlorobenzene	59	< 59 U
95-48-7	2-Methylphenol	59	< 59 U
106-44-5	4-Methylphenol	59	< 59 U
67-72-1	Hexachloroethane	59	< 59 U
105-67-9	2,4-Dimethylphenol	59	< 59 U
65-85-0	Benzoic Acid	590	< 590 U
120-82-1	1,2,4-Trichlorobenzene	59	< 59 U
91-20-3	Naphthalene	59	< 59 U
87-68-3	Hexachlorobutadiene	59	< 59 U
91-57-6	2-Methylnaphthalene	59	< 59 U
131-11-3	Dimethylphthalate	59	< 59 U
208-96-8	Acenaphthylene	59	< 59 U
83-32-9	Acenaphthene	59	< 59 U
132-64-9	Dibenzofuran	59	< 59 U
84-66-2	Diethylphthalate	59	< 59 U
86-73-7	Fluorene	59	< 59 U
86-30-6	N-Nitrosodiphenylamine	59	< 59 U
118-74-1	Hexachlorobenzene	59	< 59 U
87-86-5	Pentachlorophenol	300	< 300 U
85-01-8	**Phenanthrene**	**59**	**84**
120-12-7	**Anthracene**	**59**	**120**
84-74-2	Di-n-Butylphthalate	59	< 59 U
206-44-0	**Fluoranthene**	**59**	**110**
129-00-0	**Pyrene**	**59**	**69**
85-68-7	Butylbenzylphthalate	59	< 59 U
56-55-3	**Benzo(a)anthracene**	**59**	**34 J**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**59**	**620**
218-01-9	**Chrysene**	**59**	**66**
117-84-0	Di-n-Octyl phthalate	59	< 59 U
205-99-2	**Benzo(b)fluoranthene**	**59**	**43 J**
207-08-9	**Benzo(k)fluoranthene**	**59**	**43 J**
50-32-8	**Benzo(a)pyrene**	**59**	**49 J**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**59**	**30 J**
53-70-3	Dibenz(a,h)anthracene	59	< 59 U
191-24-2	**Benzo(g,h,i)perylene**	**59**	**39 J**
90-12-0	1-Methylnaphthalene	59	< 59 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.4%	2-Fluorobiphenyl	65.0%
d14-p-Terphenyl	46.7%	d4-1,2-Dichlorobenzene	50.9%
d5-Phenol	59.6%	2-Fluorophenol	55.6%
2,4,6-Tribromophenol	63.3%	d4-2-Chlorophenol	56.0%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35j.d
Lab Smp Id: PB35J Client Smp ID: 3SED2-C
Inj Date : 15-JUN-2009 19:00
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35J,3
Misc Info : 09-12726
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 9
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	39.50000	Weight of sample extracted (g)
M	35.90000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.804	4.782	(0.701)	57012	6.95099	411.8
$	2 Phenol-d5	99	6.567	6.534	(0.959)	82057	7.45008	441.4
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.567	6.555	(0.959)	46986	7.00063	414.7
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.850	6.849	(1.000)	99486	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.149	7.148	(1.044)	21011	4.24129	251.3
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15	4-Methylphenol	108	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	7.806	7.810	(0.875)	48975	4.78073	283.2
	19	Nitrobenzene	77	Compound Not Detected.					
	20	Isophorone	82	Compound Not Detected.					
	21	2-Nitrophenol	139	Compound Not Detected.					
	22	2,4-Dimethylphenol	107	Compound Not Detected.					
	23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24	Benzoic acid	105	Compound Not Detected.					
	25	2,4-Dichlorophenol	162	Compound Not Detected.					
	26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27	Naphthalene-d8	136	8.917	8.916	(1.000)	333563	20.0000	
	28	Naphthalene	128	Compound Not Detected.					
	29	4-Chloroaniline	127	Compound Not Detected.					
	30	Hexachlorobutadiene	225	Compound Not Detected.					
	31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32	2-Methylnaphthalene	141	Compound Not Detected.					
	33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36	2-Fluorobiphenyl	172	10.733	10.732	(0.913)	71363	5.42501	321.4
	37	2-Chloronaphthalene	162	Compound Not Detected.					
	38	2-Nitroaniline	65	Compound Not Detected.					
	39	Dimethylphthalate	163	Compound Not Detected.					
	40	Acenaphthylene	152	Compound Not Detected.					
	41	2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42	Acenaphthene-d10	164	11.753	11.747	(1.000)	177098	20.0000	
	43	3-Nitroaniline	138	Compound Not Detected.					
	44	Acenaphthene	153	Compound Not Detected.					
	45	2,4-Dinitrophenol	184	Compound Not Detected.					
	46	Dibenzofuran	168	Compound Not Detected.					
	47	4-Nitrophenol	109	Compound Not Detected.					
	48	2,4-Dinitrotoluene	165	Compound Not Detected.					
	50	Diethylphthalate	149	Compound Not Detected.					
	49	Fluorene	166	Compound Not Detected.					
	51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52	4-Nitroaniline	138	Compound Not Detected.					
	53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55	2,4,6-Tribromophenol	330	13.035	13.034	(1.109)	13361	7.91237	468.8
	56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57	Hexachlorobenzene	284	Compound Not Detected.					
	58	Pentachlorophenol	266	Compound Not Detected.					
*	59	Phenanthrene-d10	188	14.087	14.081	(1.000)	284499	20.0000	
	60	Phenanthrene	178	14.119	14.118	(1.002)	25460	1.40992	83.53
	61	Anthracene	178	14.189	14.188	(1.007)	36024	1.96778	116.6
	62	Carbazole	167	14.504	14.503	(1.030)	9870	0.65608 LDL	38.87
	63	Di-n-butylphthalate	149	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
64	Fluoranthene	202	16.031	16.025	(1.138)	33301	1.80631	107.0
65	Pyrene	202	16.368	16.361	(0.892)	39528	1.17014	69.32
$ 66	Terphenyl-d14	244	16.742	16.730	(0.912)	84757	3.89168	230.6
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.323	18.311	(0.999)	17516	0.58201 LDL	34.48
* 69	Chrysene-d12	240	18.349	18.338	(1.000)	407761	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.381	18.375	(1.002)	32315	1.12139	66.43
72	bis(2-Ethylhexyl)phthalate	149	18.686	18.674	(0.952)	201484	10.4150	617.0
* 134	Di-n-octylphthalate-d4	153	19.620	19.603	(1.000)	623744	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.968	19.945	(0.974)	57510	1.48903	88.21 0.734
75	Benzo(k)fluoranthene	252	19.968	19.977	(0.974)	57510	1.44973	85.89 0.734
76	Benzo(a)pyrene	252	20.406	20.378	(0.996)	29138	0.83341 LDL	49.37
* 77	Perylene-d12	264	20.491	20.453	(1.000)	532974	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	21.842	21.799	(1.066)	23581	0.50595 LDL	29.97(M)
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	22.125	22.087	(1.080)	26998	0.66281	39.27
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35j.d
Lab Smp Id: PB35J
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12726

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED2-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	99486	-11.48
27 Naphthalene-d8	384492	192246	768984	333563	-13.25
42 Acenaphthene-d10	217478	108739	434956	177098	-18.57
59 Phenanthrene-d10	336594	168297	673188	284499	-15.48
69 Chrysene-d12	247160	123580	494320	407761	64.98
134 Di-n-octylphthala	347036	173518	694072	623744	79.73
77 Perylene-d12	232938	116469	465876	532974	128.81 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.01
27 Naphthalene-d8	8.92	8.42	9.42	8.92	0.01
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.05
59 Phenanthrene-d10	14.08	13.58	14.58	14.09	0.04
69 Chrysene-d12	18.34	17.84	18.84	18.35	0.06
134 Di-n-octylphthala	19.60	19.10	20.10	19.62	0.09
77 Perylene-d12	20.45	19.95	20.95	20.49	0.19

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

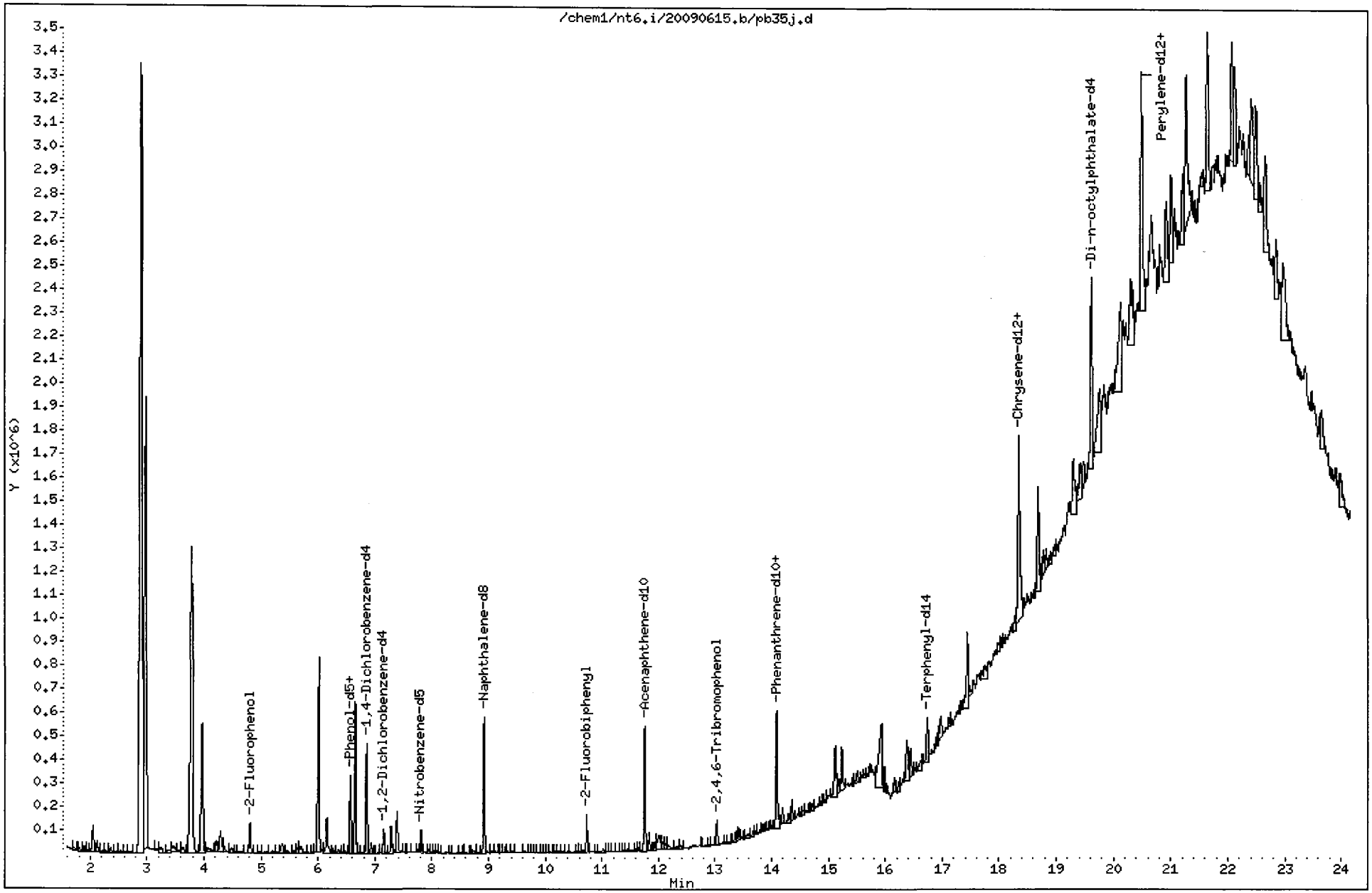
Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35J
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12726

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED2-C
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	740.5	411.8	55.61	21-100
$ 2 Phenol-d5	740.5	441.4	59.60	10-100
$ 5 2-Chlorophenol-d4	740.5	414.7	56.01	30-100
$ 10 1,2-Dichlorobenzen	493.7	251.3	50.90	24-100
$ 18 Nitrobenzene-d5	493.7	283.2	57.37	26-100
$ 36 2-Fluorobiphenyl	493.7	321.4	65.10	32-100
$ 55 2,4,6-Tribromophen	740.5	468.8	63.30	33-118
$ 66 Terphenyl-d14	493.7	230.6	46.70	21-97

Data File: /chem1/nt6.i/20090615.b/pb35j.d
Date : 15-JUN-2009 19:00
Client ID: 3SED2-C
Sample Info: PB35J,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



PB35:00239

Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

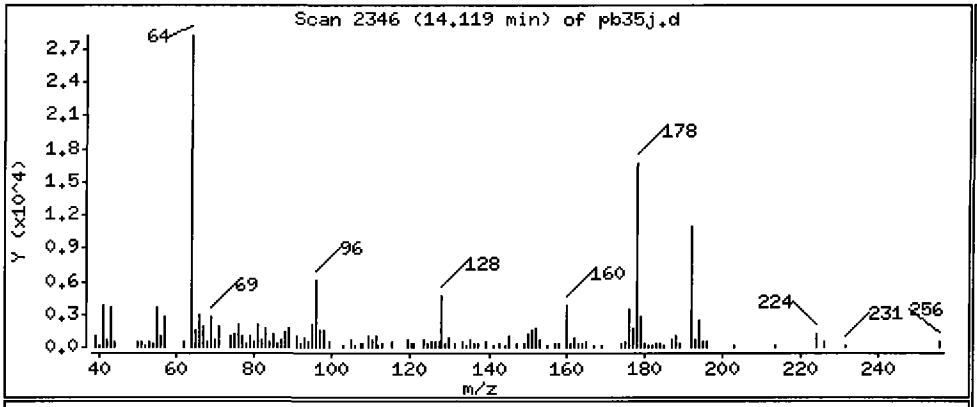
Operator: LJR/VTS

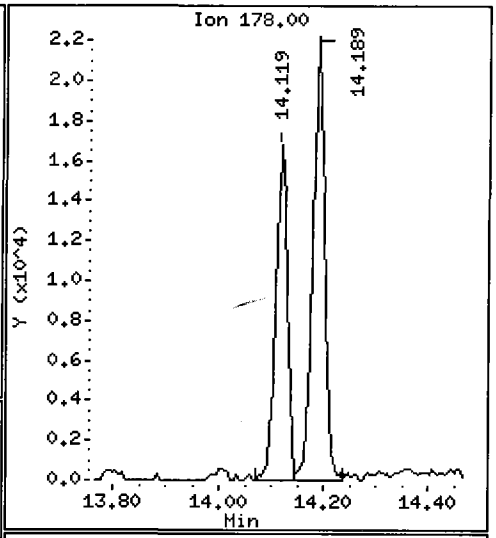
Column phase: ZB-5

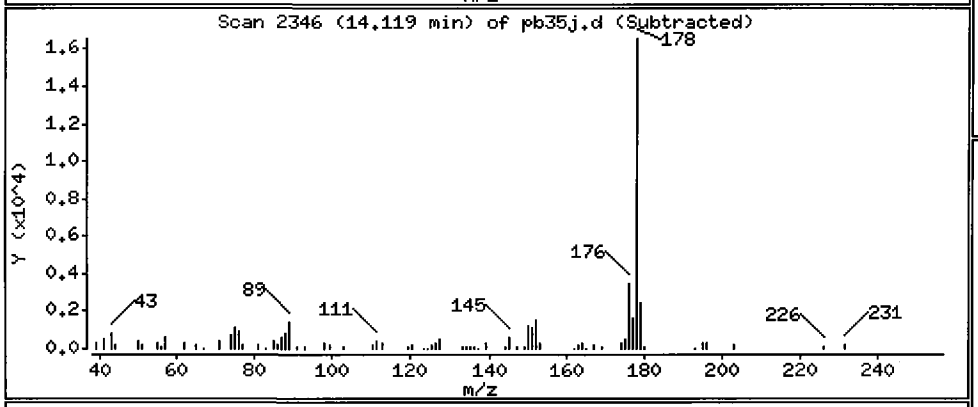
Column diameter: 0.32

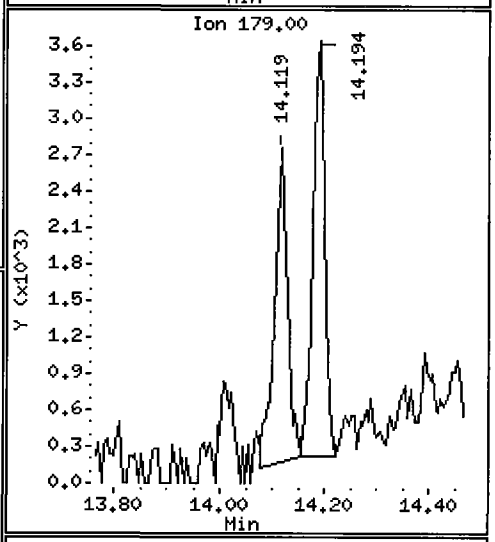
60 Phenanthrene

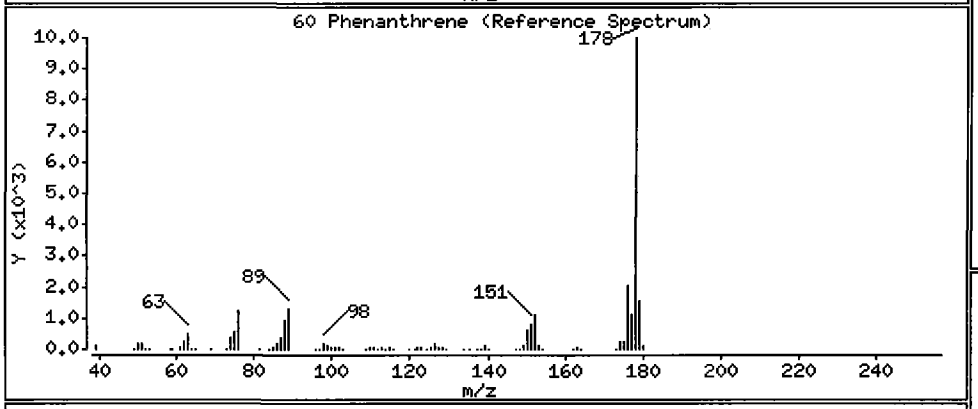
Concentration: 83.53 ug/kg

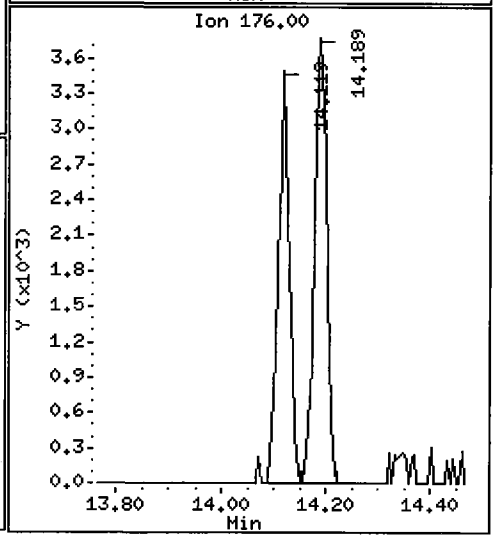


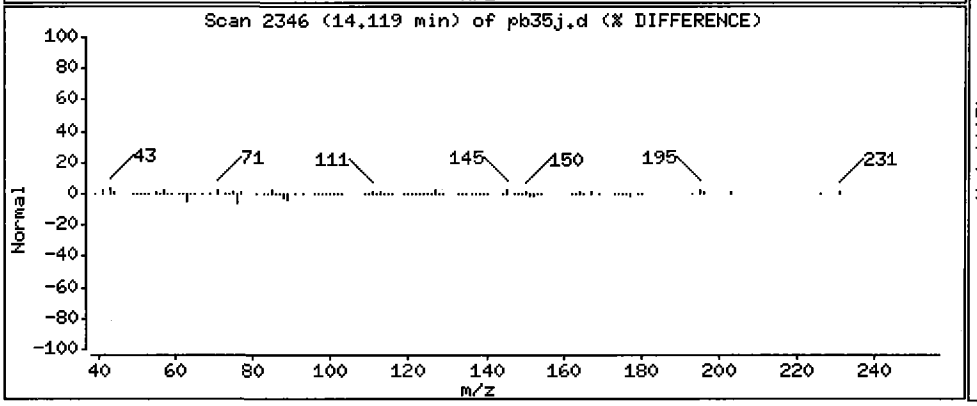












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

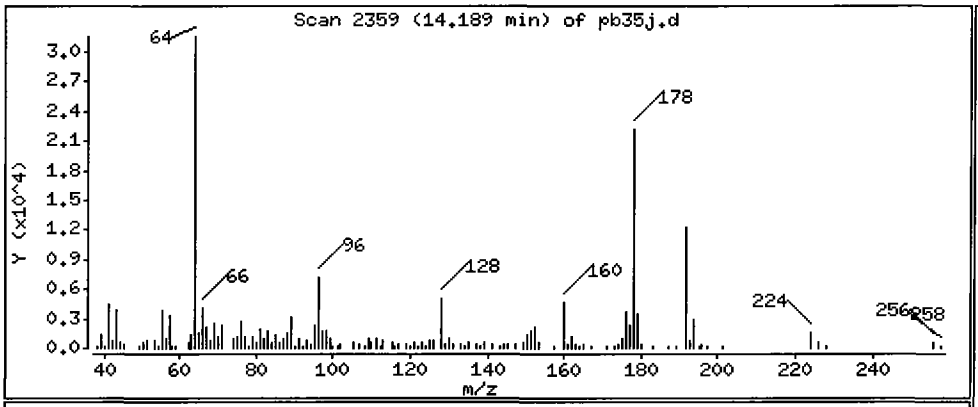
Operator: LJR/VTS

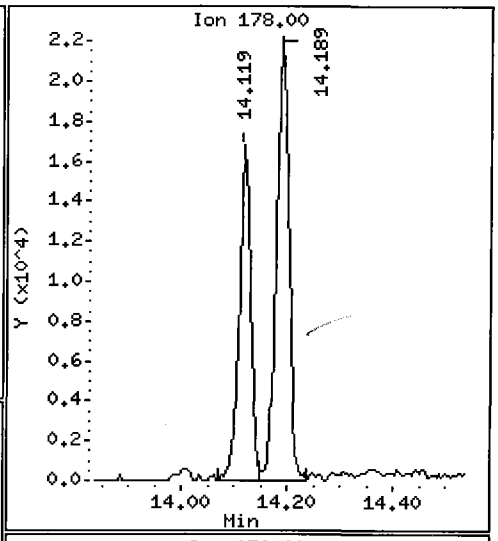
Column phase: ZB-5

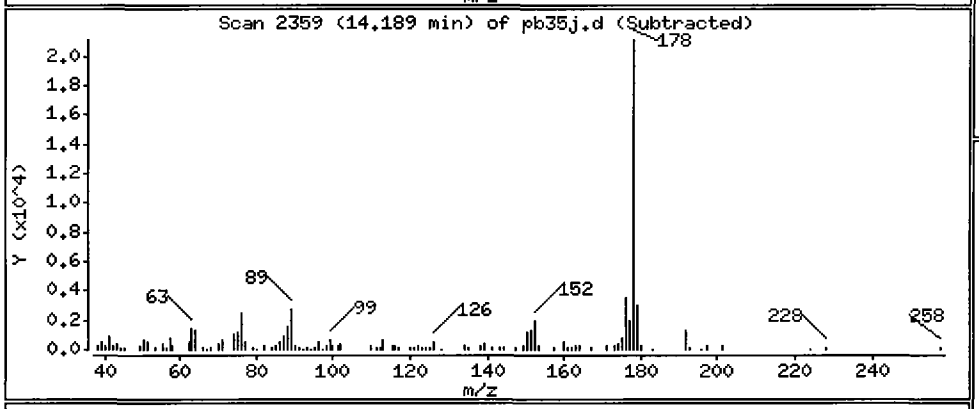
Column diameter: 0.32

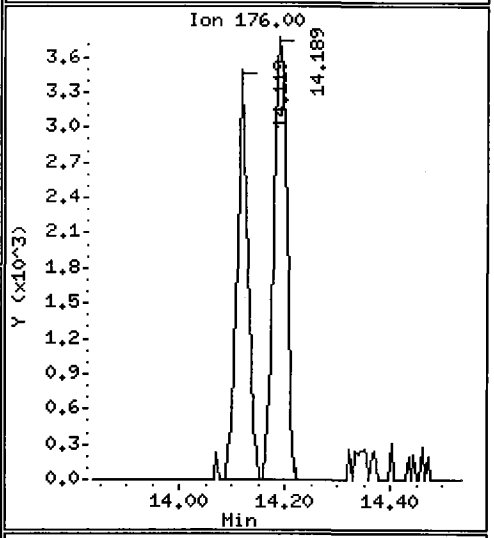
61 Anthracene

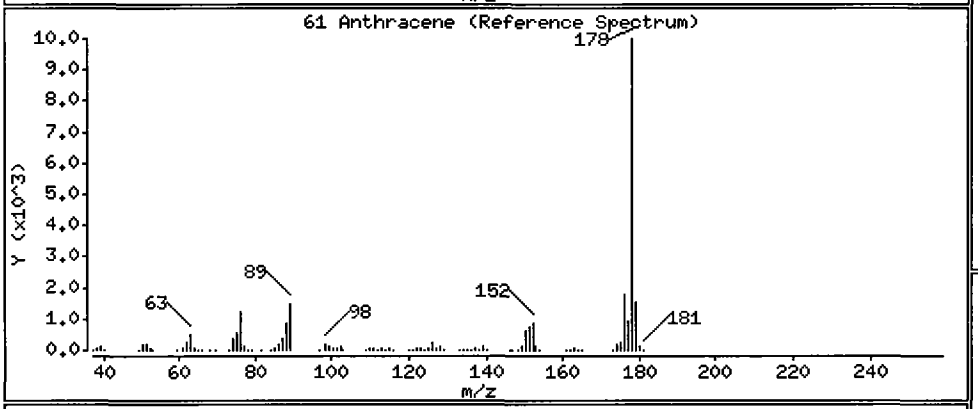
Concentration: 116.6 ug/kg

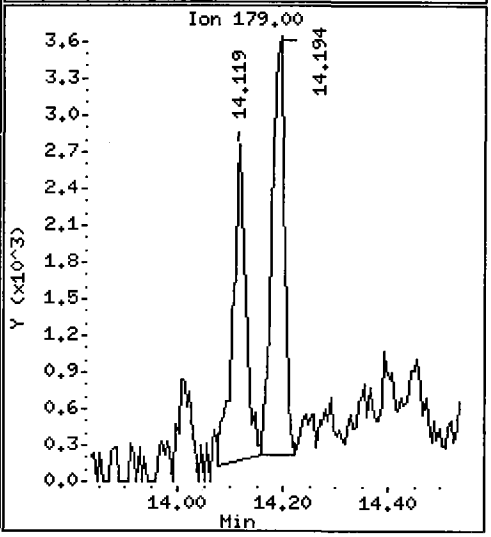


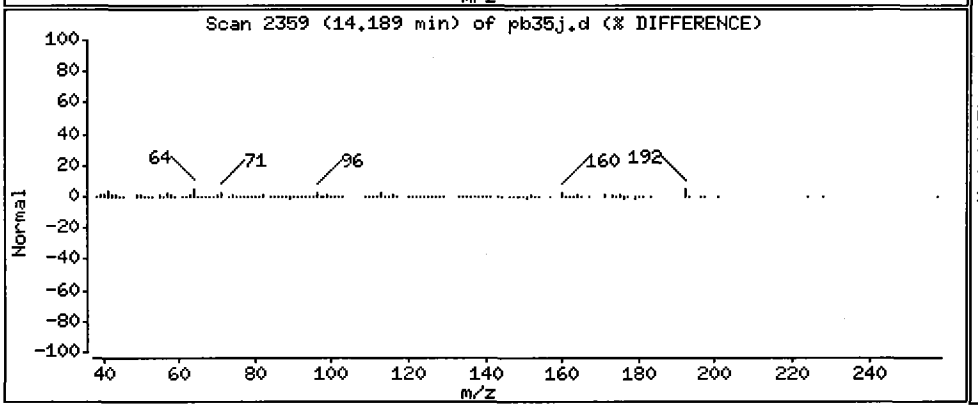












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

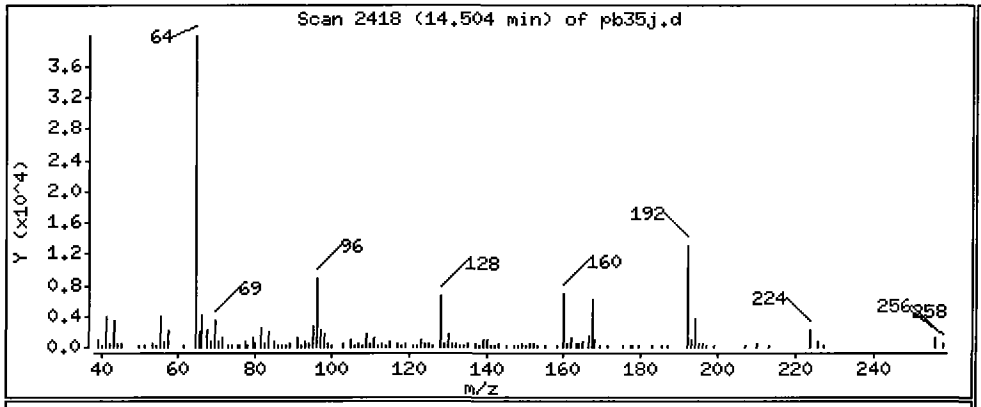
Operator: LJR/VTS

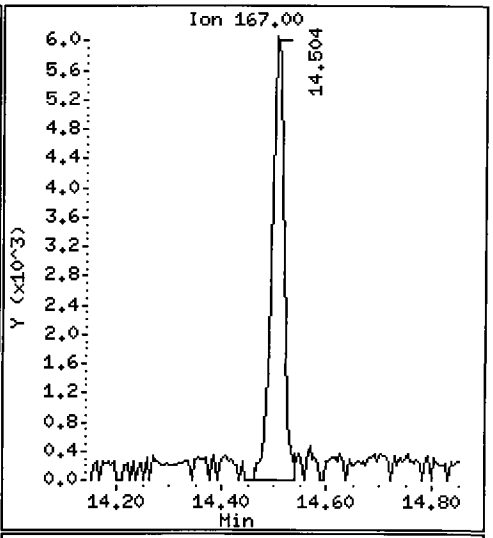
Column phase: ZB-5

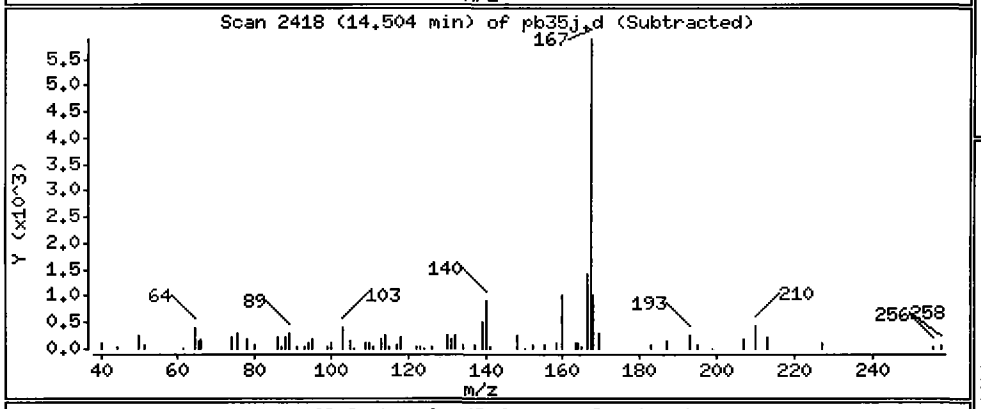
Column diameter: 0.32

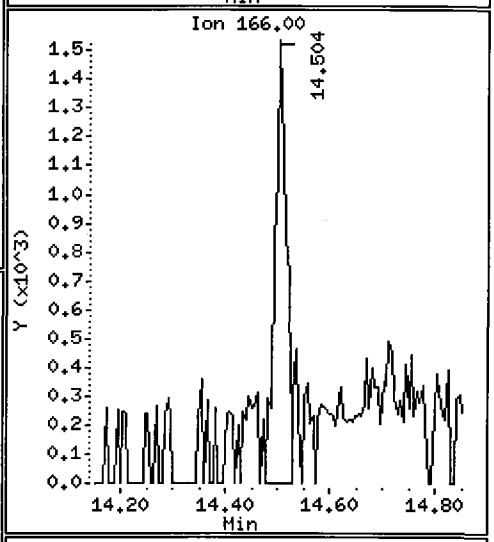
62 Carbazole

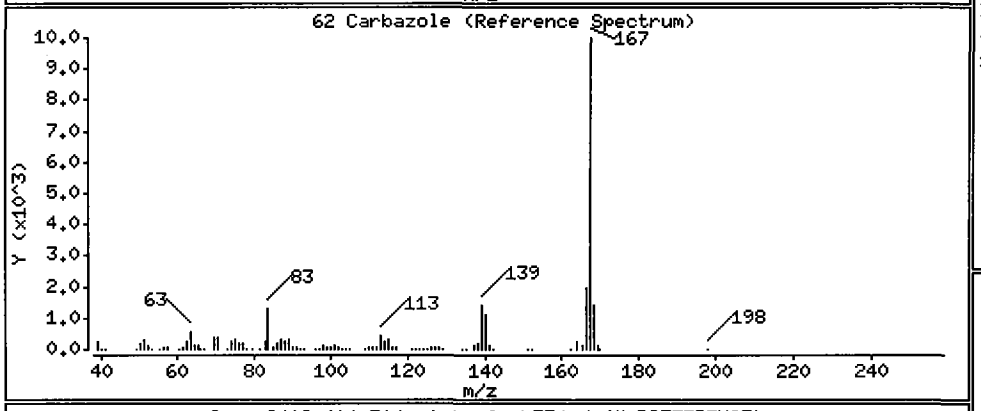
Concentration: 38.87 ug/kg

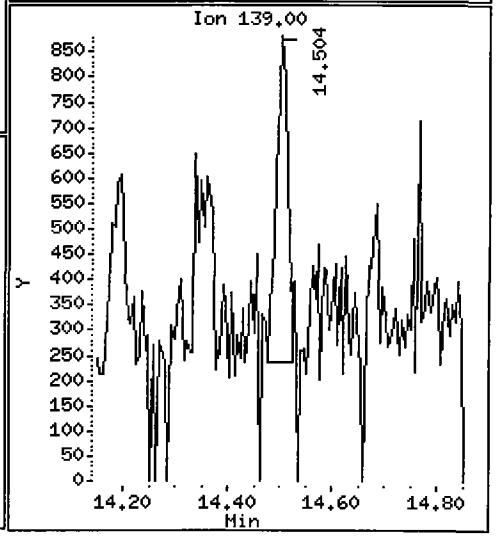


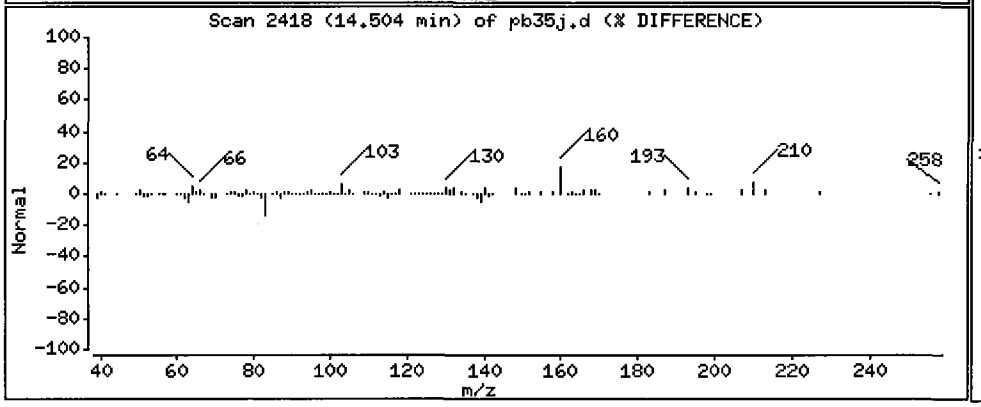












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

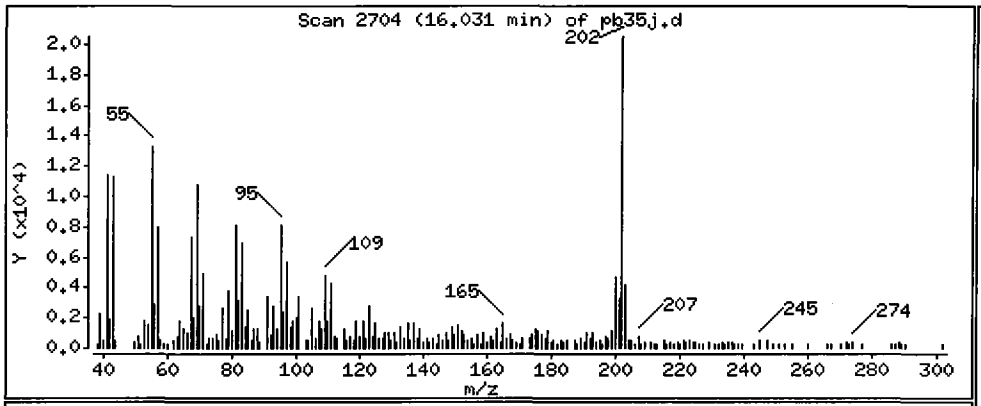
Operator: LJR/VTS

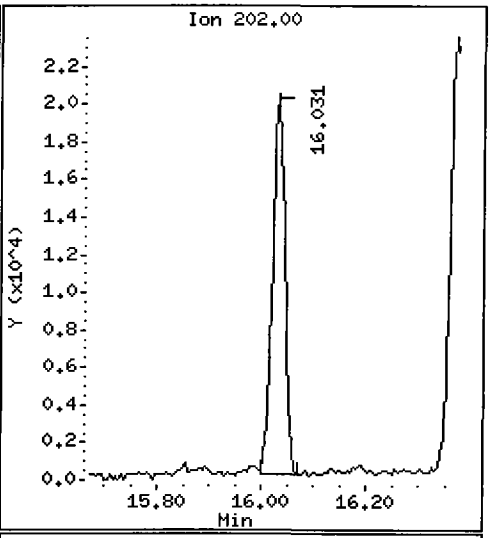
Column phase: ZB-5

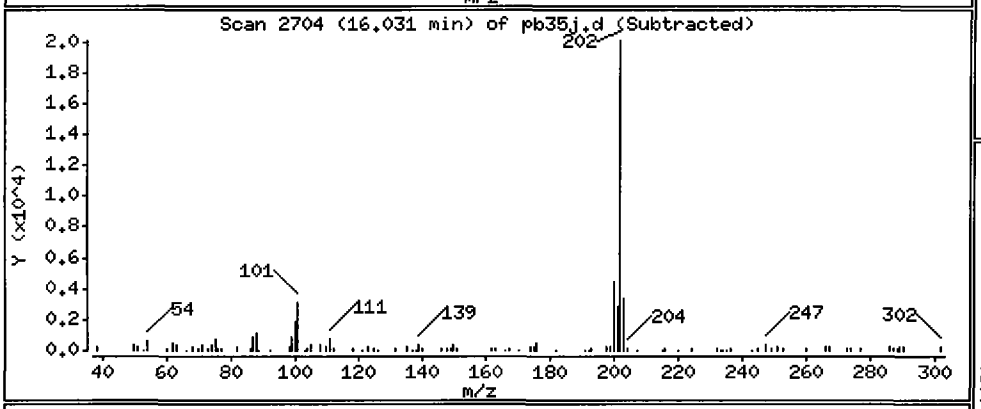
Column diameter: 0.32

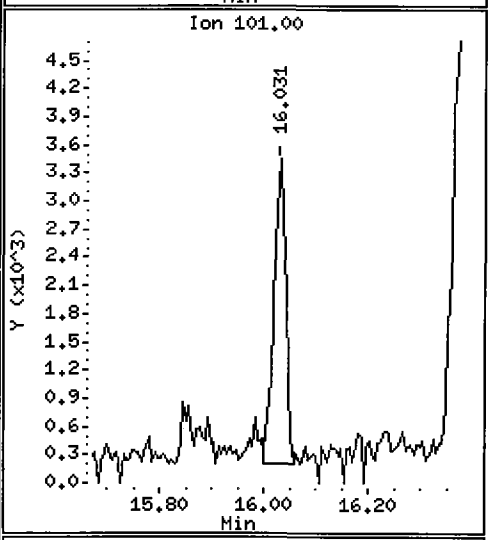
64 Fluoranthene

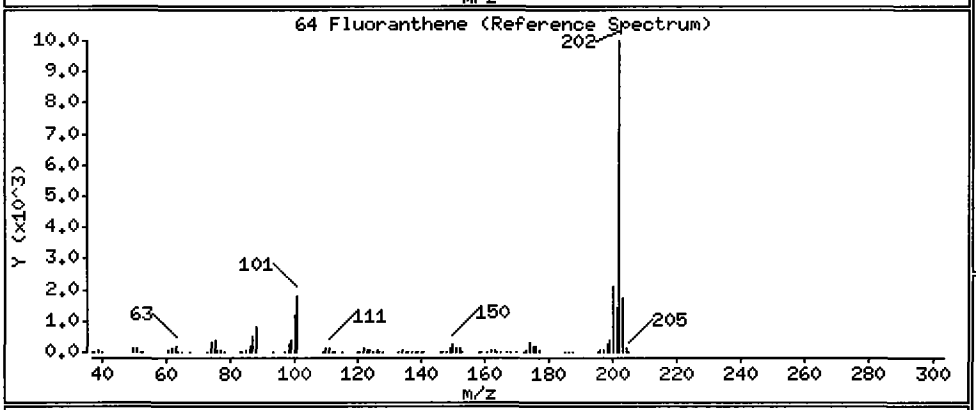
Concentration: 107.0 ug/kg

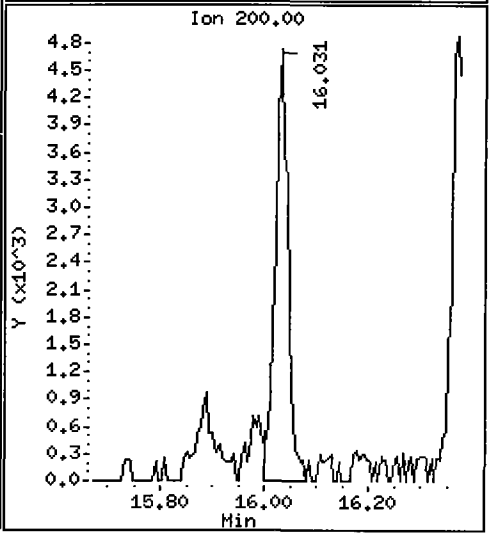


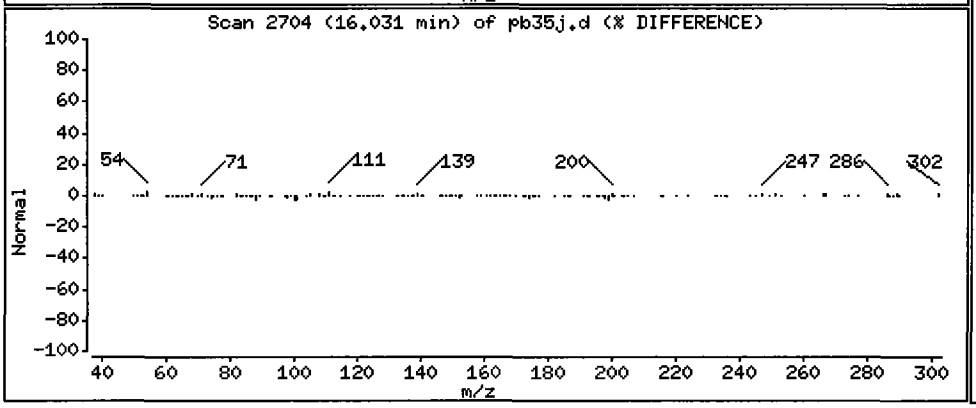












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

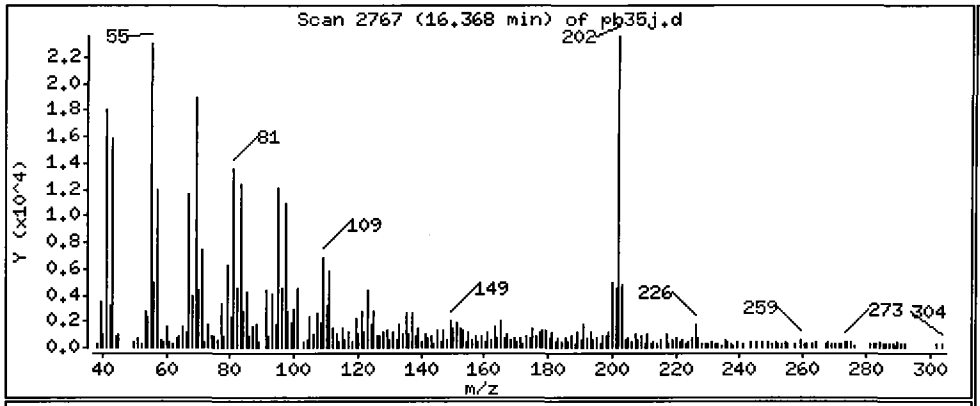
Operator: LJR/VTS

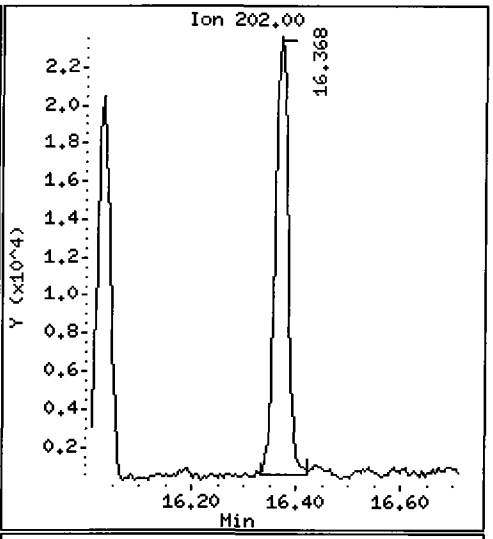
Column phase: ZB-5

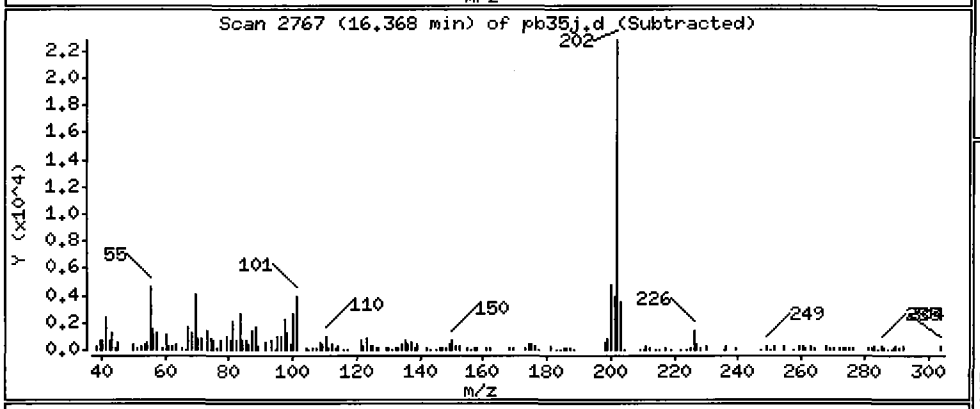
Column diameter: 0.32

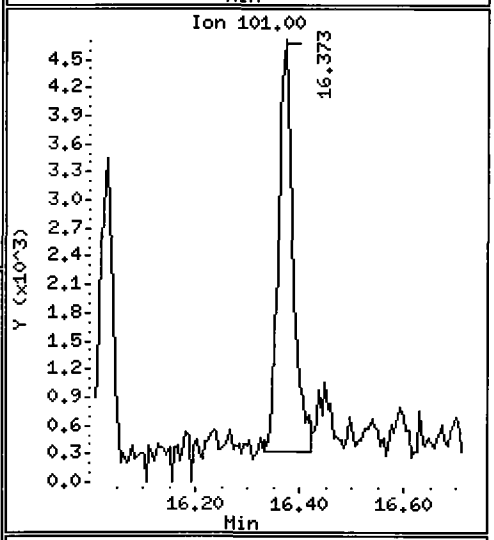
65 Pyrene

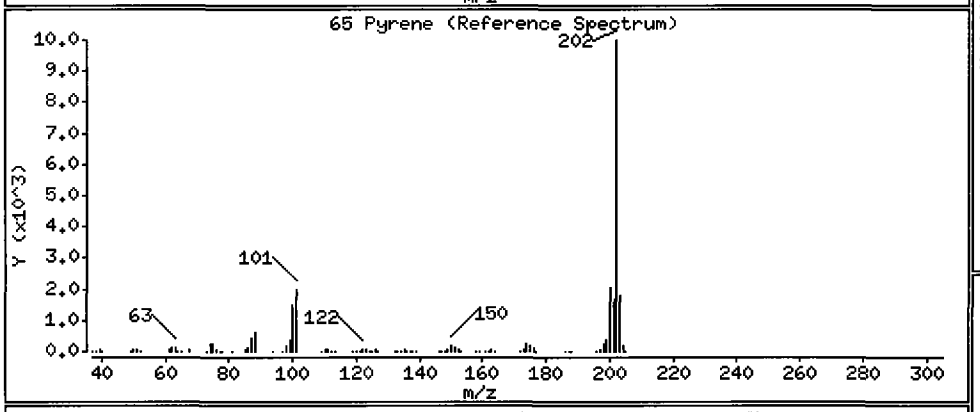
Concentration: 69.32 ug/kg

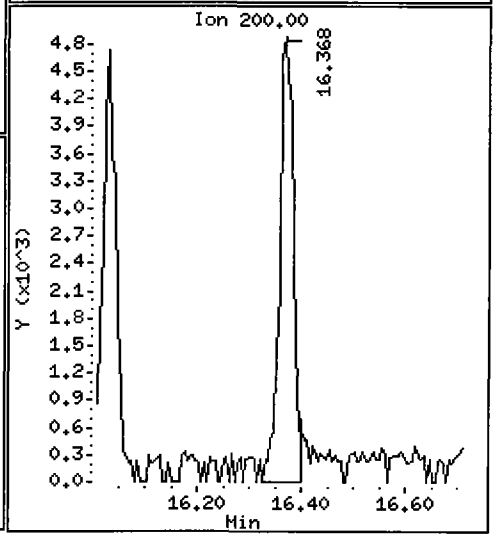


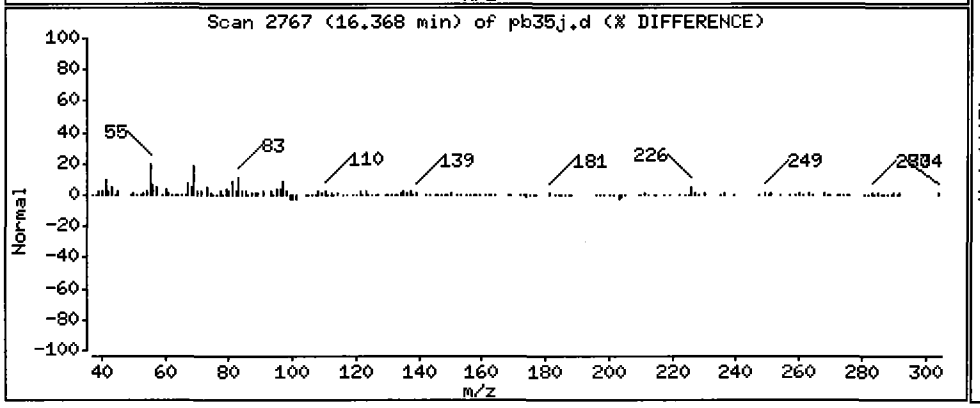












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

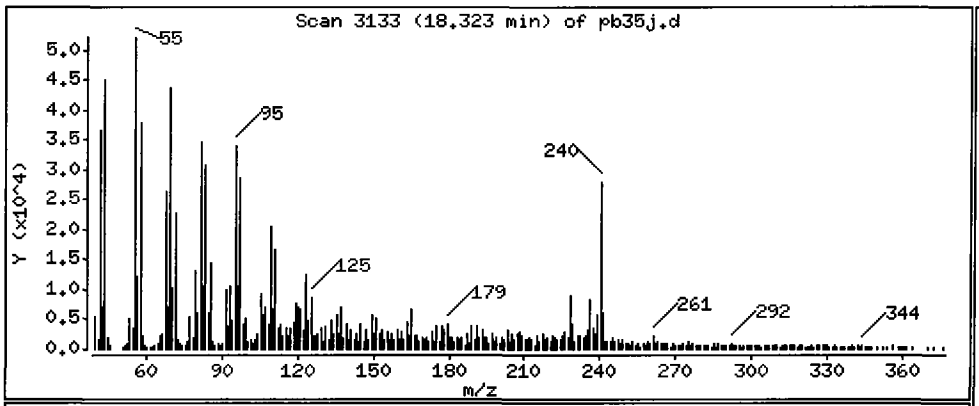
Operator: LJR/VTS

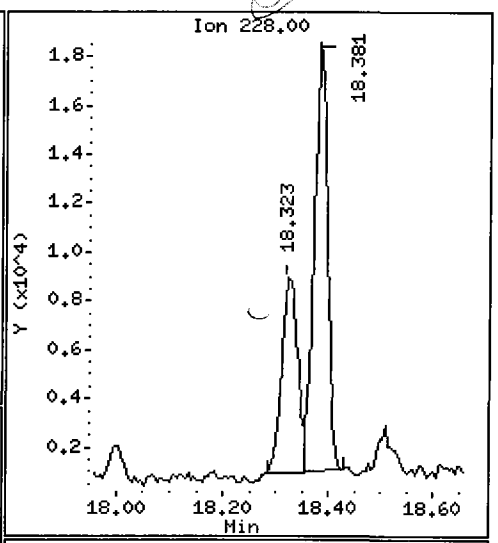
Column phase: ZB-5

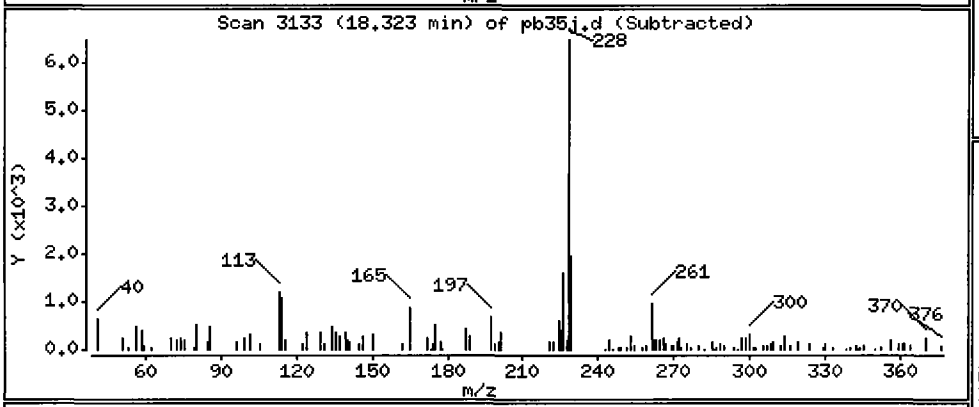
Column diameter: 0.32

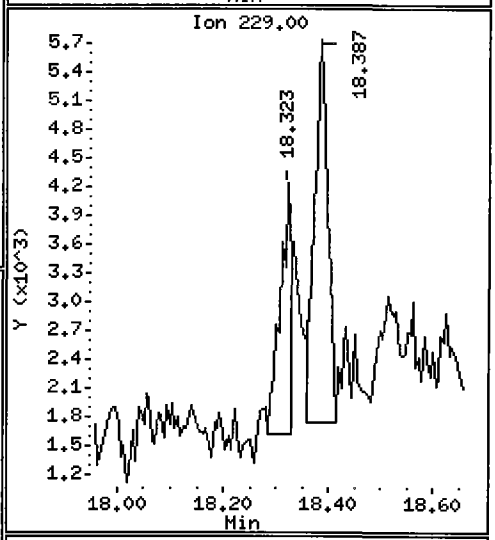
68 Benzo(a)anthracene

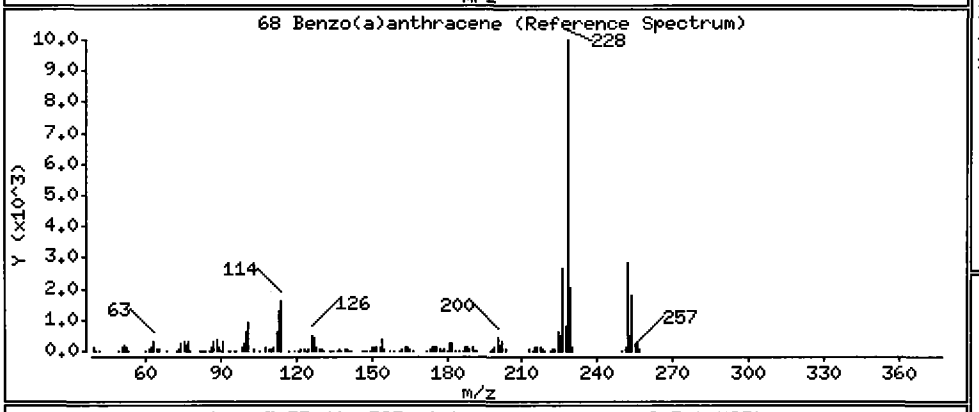
Concentration: 34.48 ug/kg

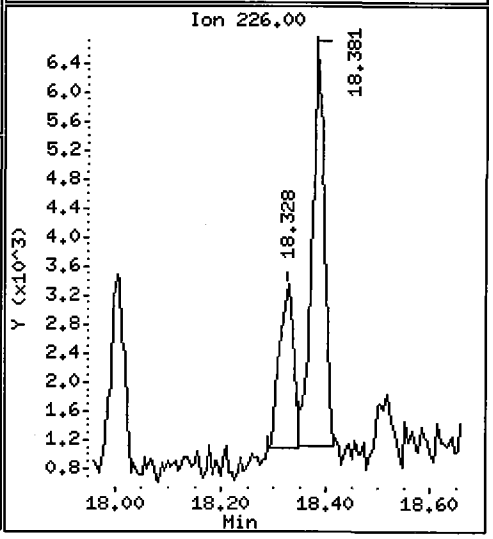


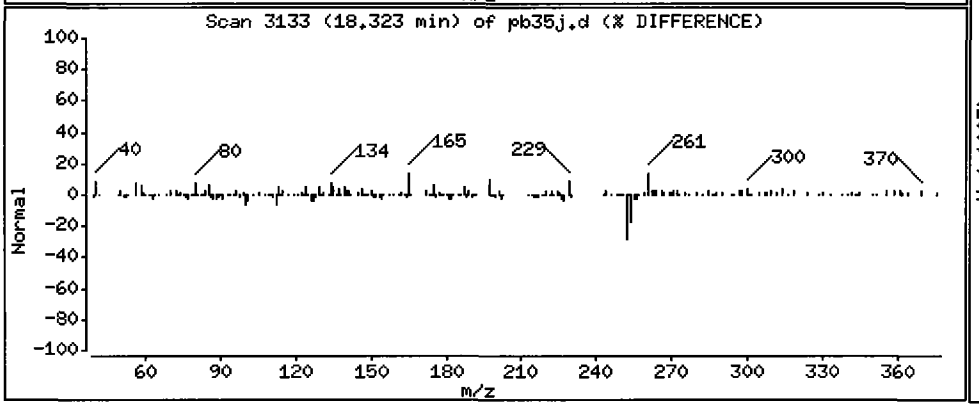












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

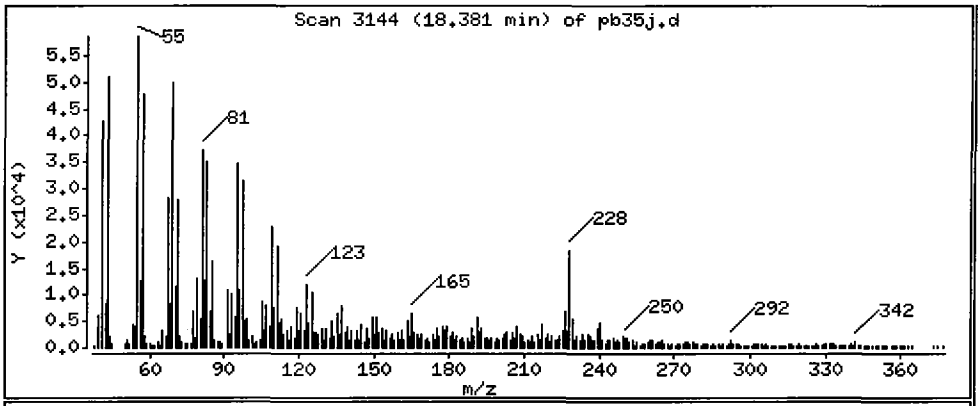
Operator: LJR/VTS

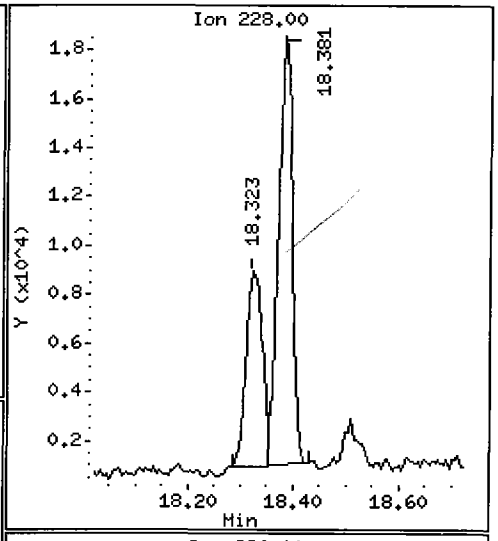
Column phase: ZB-5

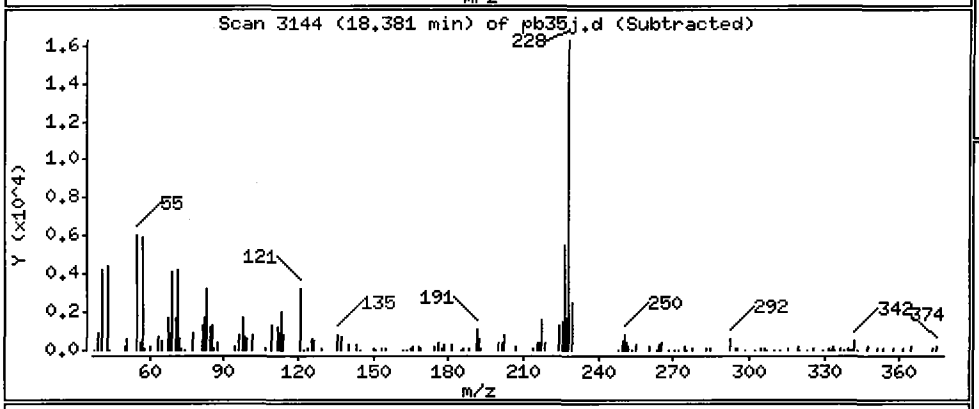
Column diameter: 0.32

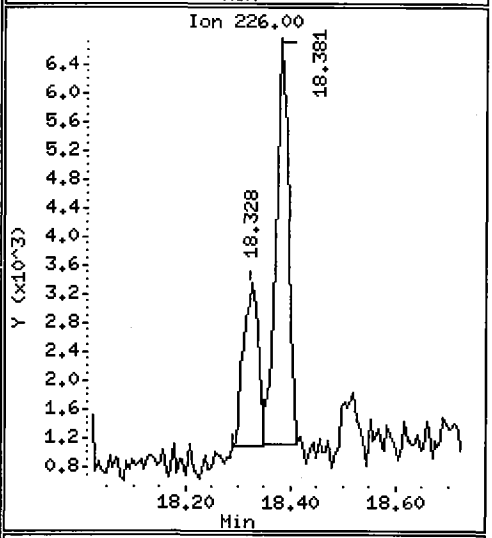
71 Chrysene

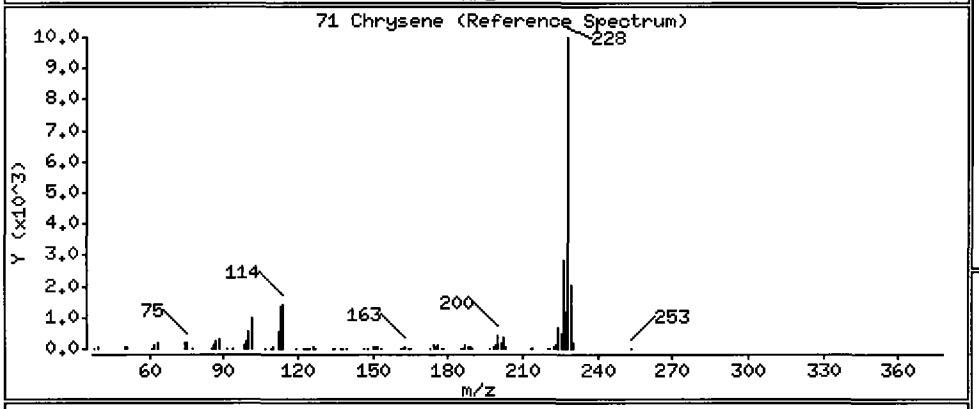
Concentration: 66.43 ug/kg

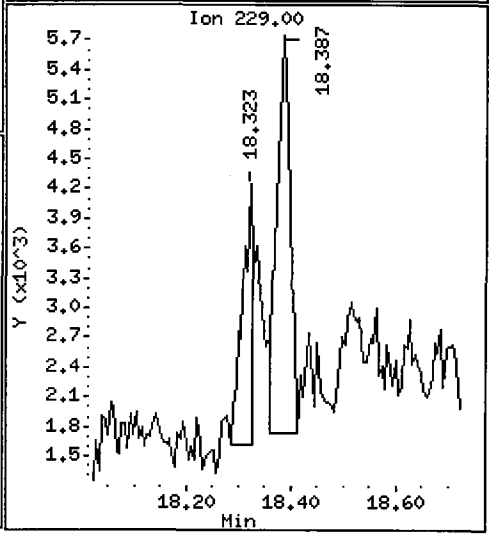


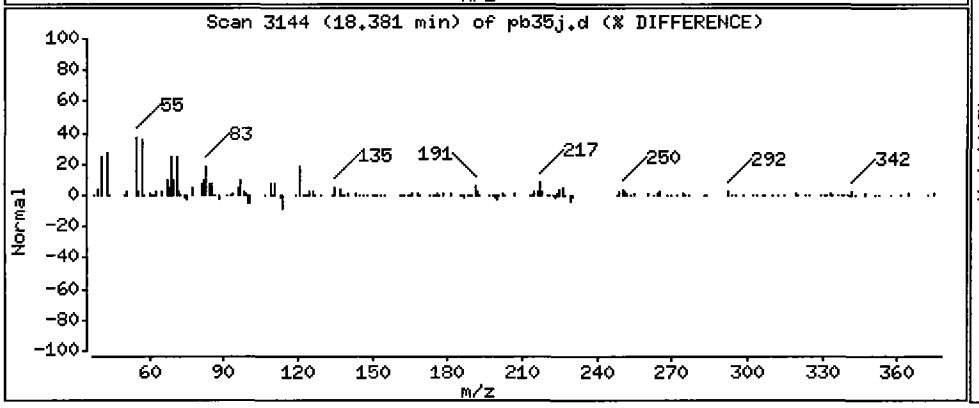












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

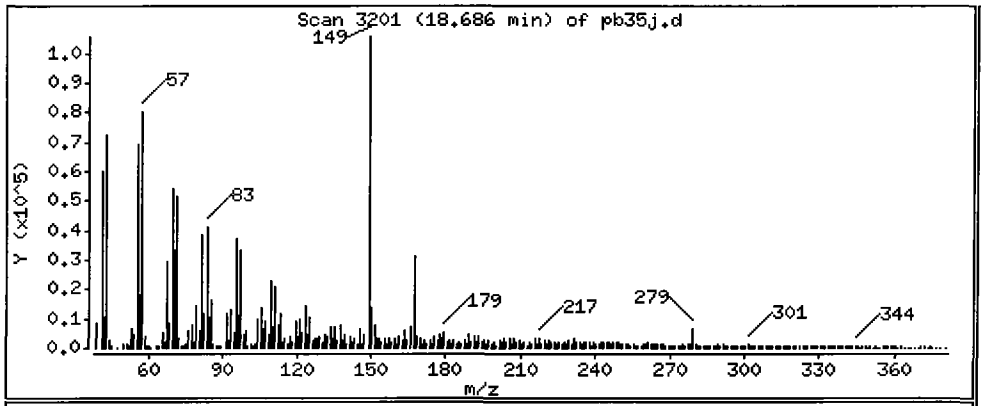
Operator: LJR/VTS

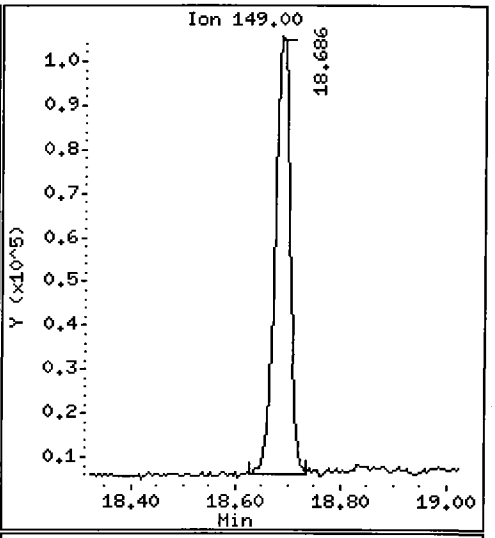
Column phase: ZB-5

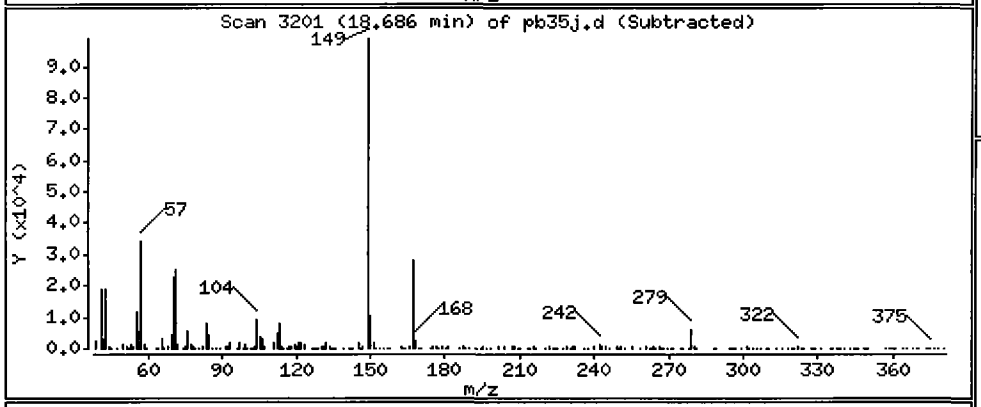
Column diameter: 0.32

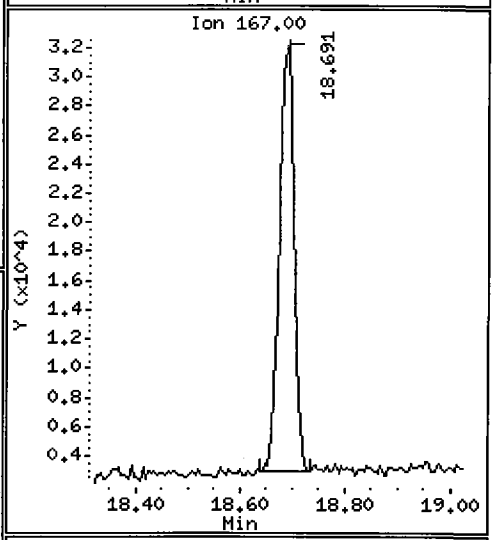
72 bis(2-Ethylhexyl)phthalate

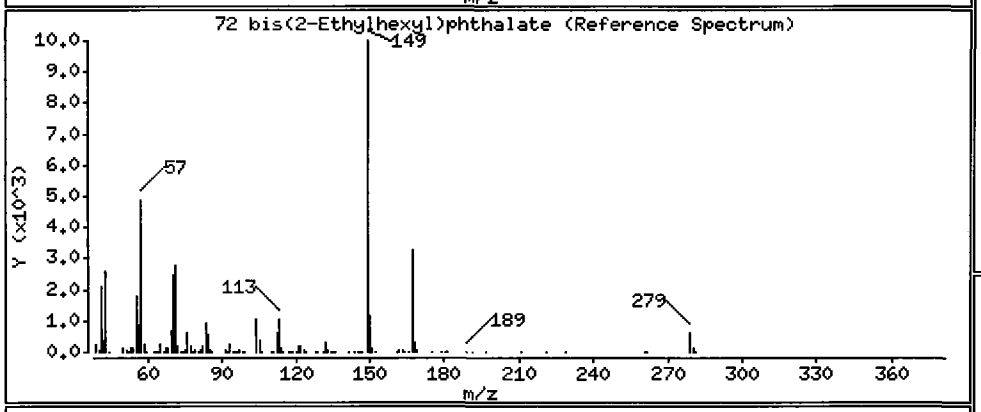
Concentration: 617.0 ug/kg

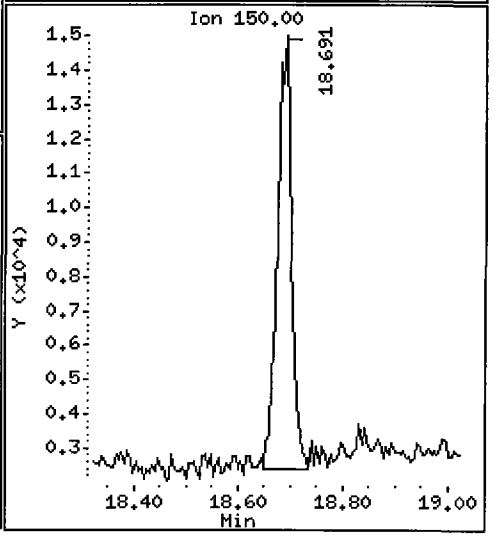


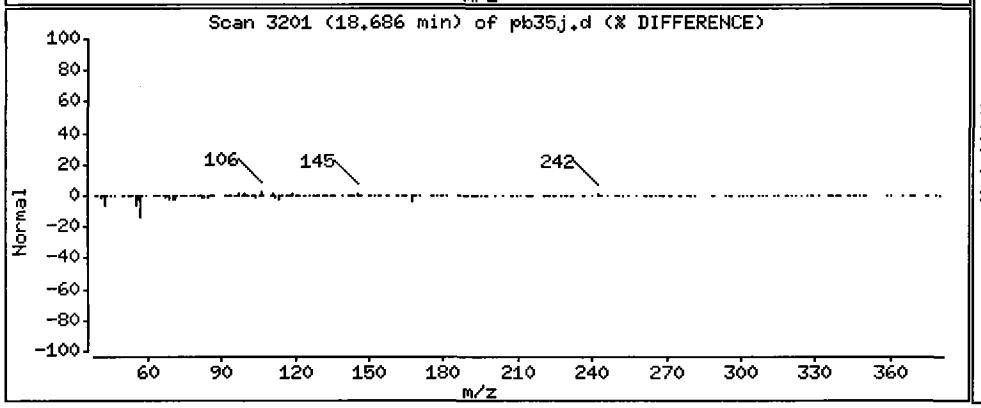












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

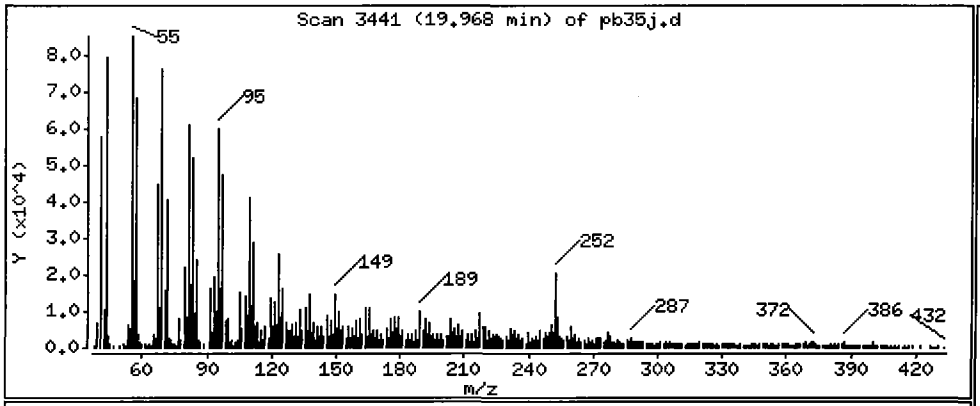
Operator: LJR/VTS

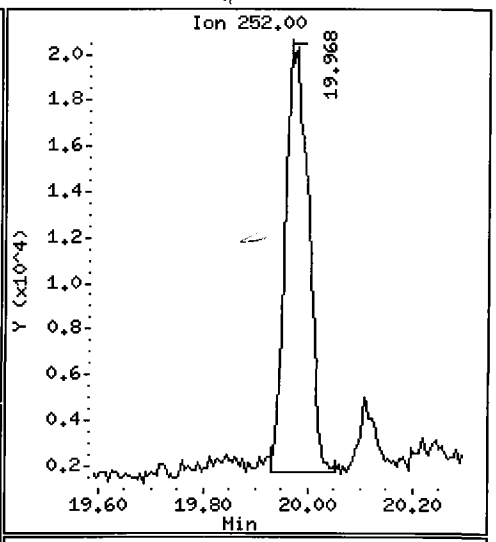
Column phase: ZB-5

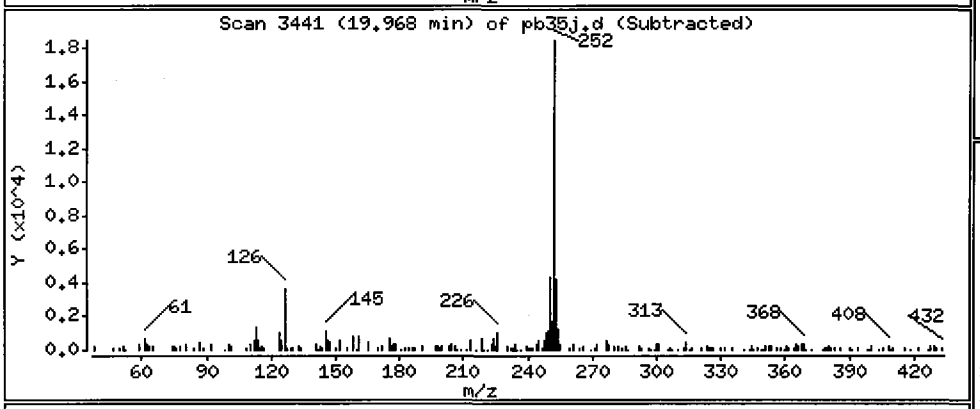
Column diameter: 0.32

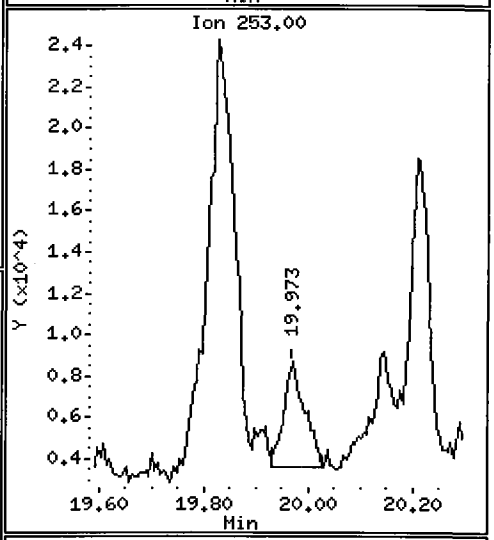
74 Benzo(b)fluoranthene

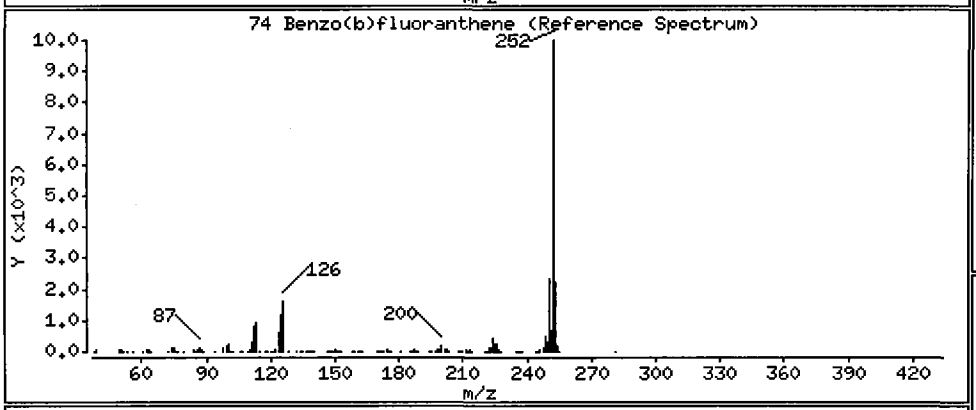
Concentration: 88.21 ug/kg

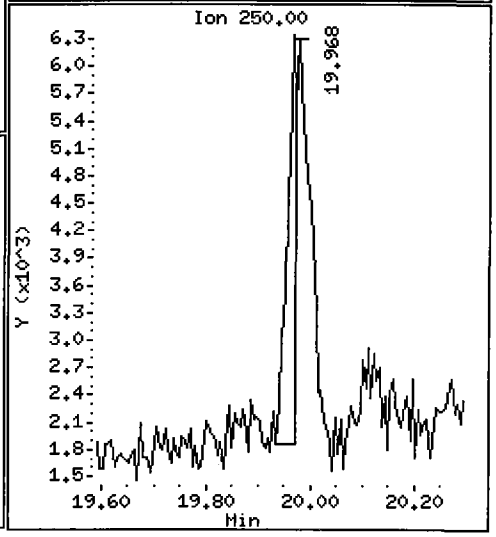


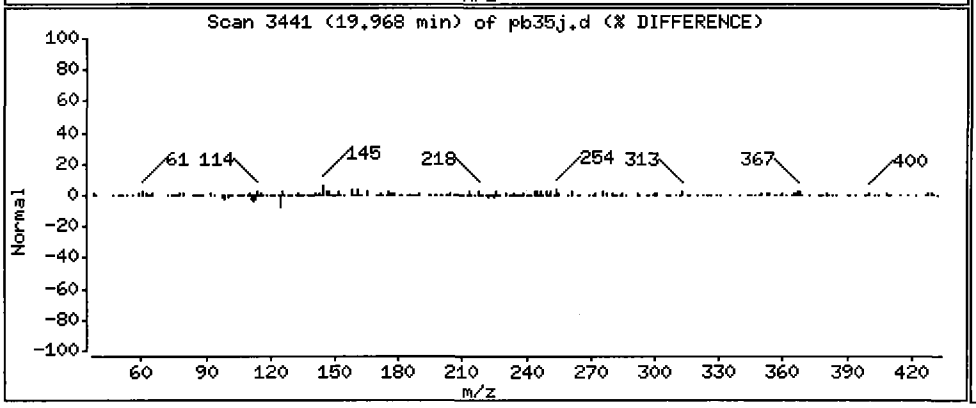












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

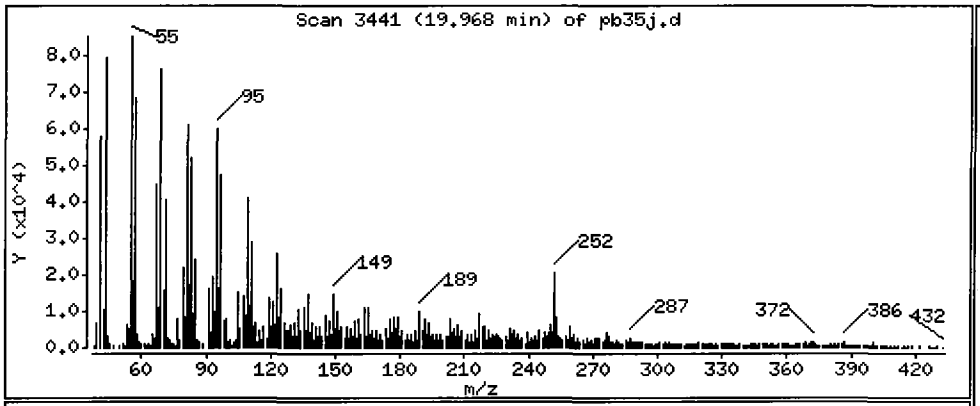
Column phase: ZB-5

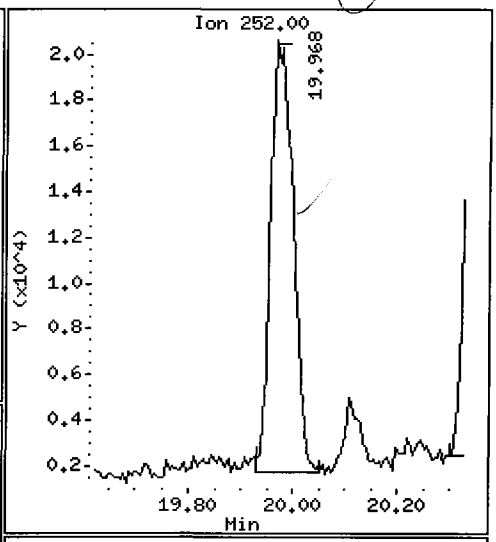
Column diameter: 0.32

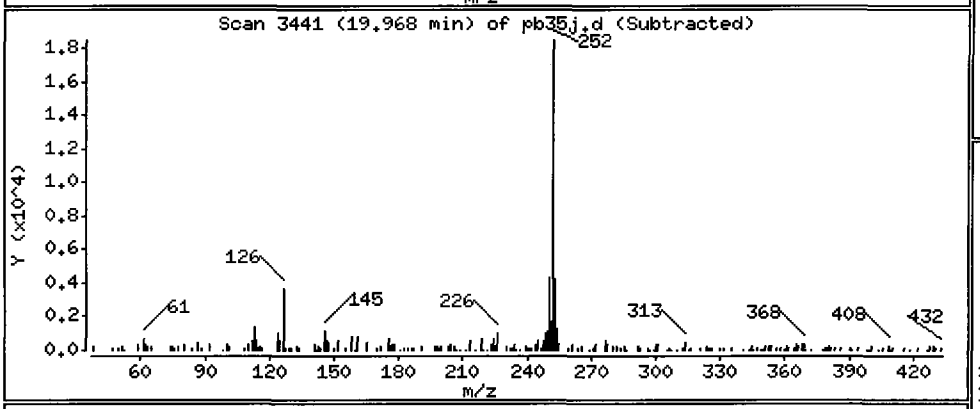
1/2 (LJR

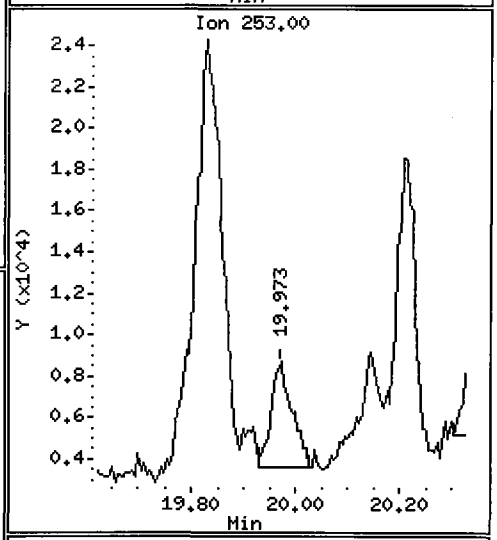
75 Benzo(k)fluoranthene

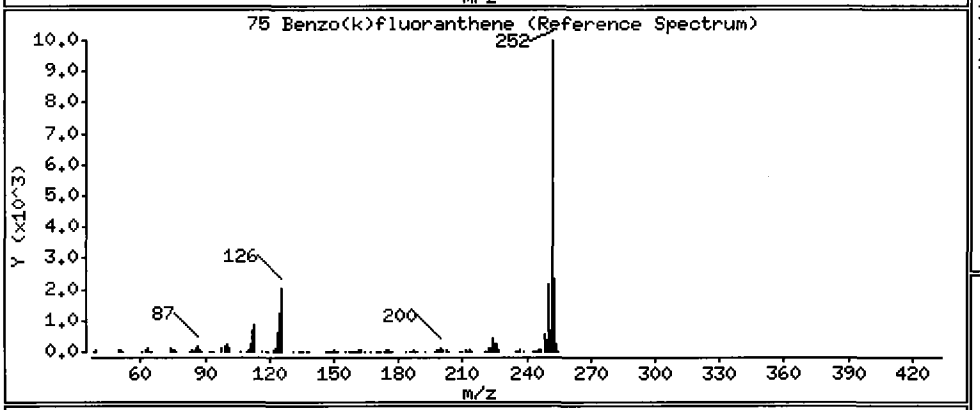
Concentration: 85.89 ug/kg

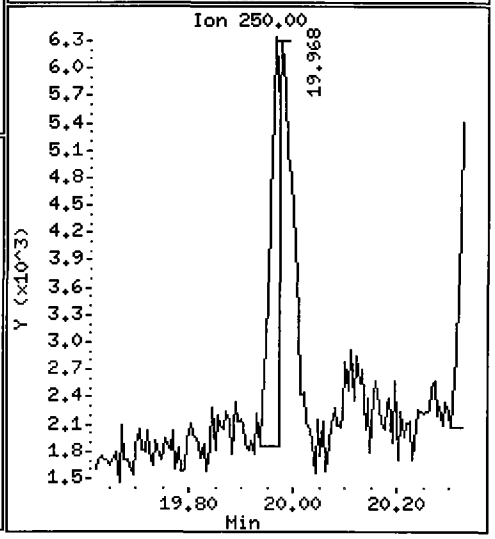


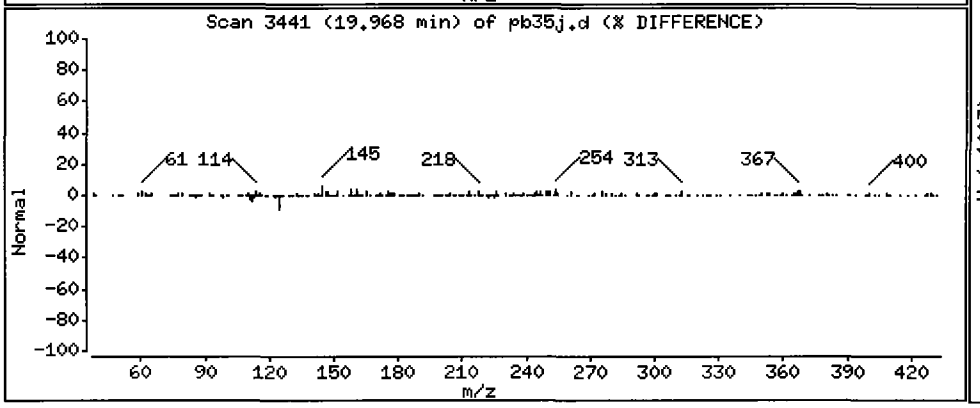












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

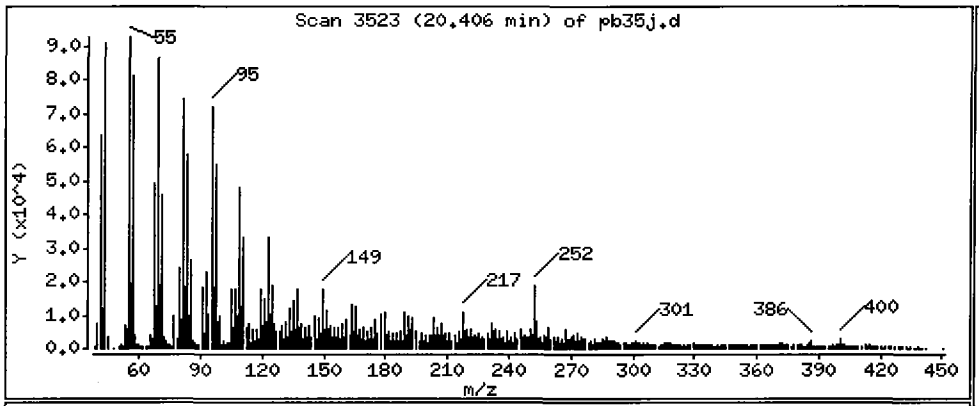
Operator: LJR/VTS

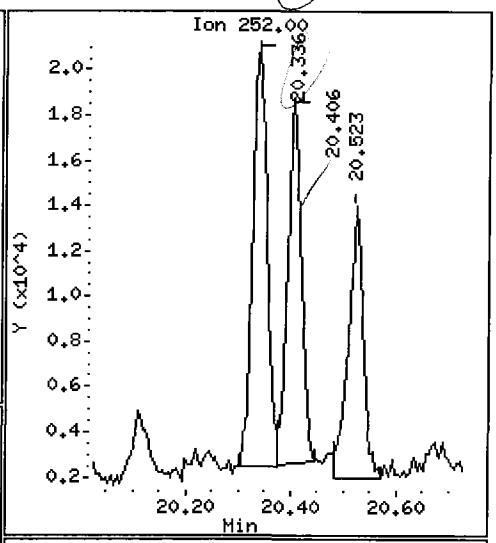
Column phase: ZB-5

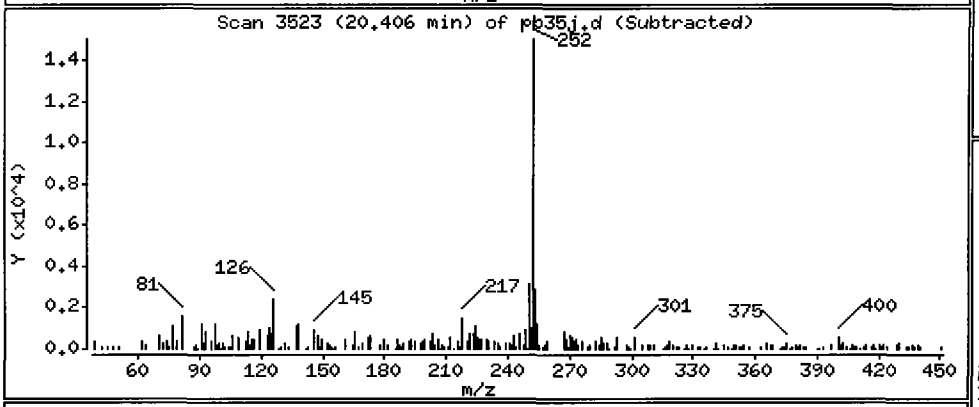
Column diameter: 0.32

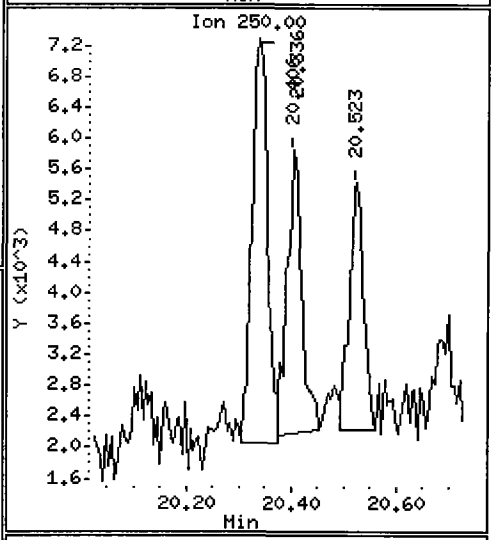
76 Benzo(a)pyrene

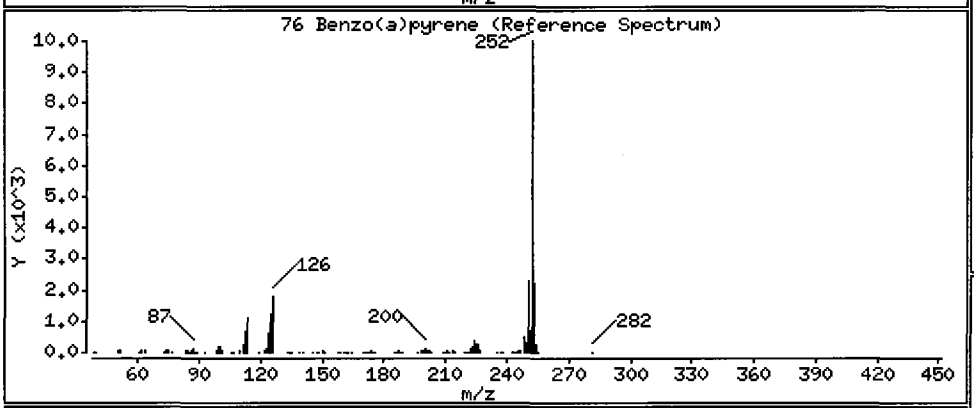
Concentration: 49.37 ug/kg

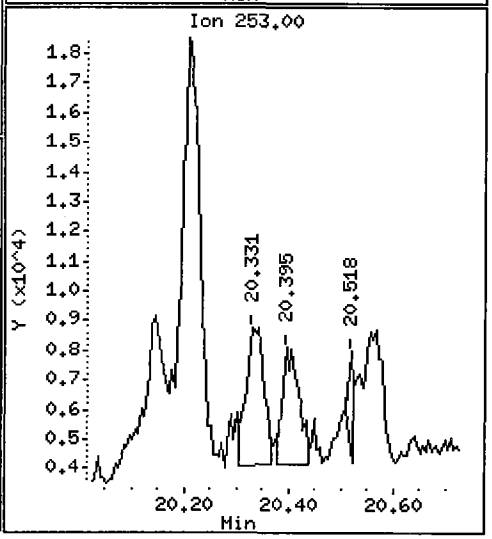


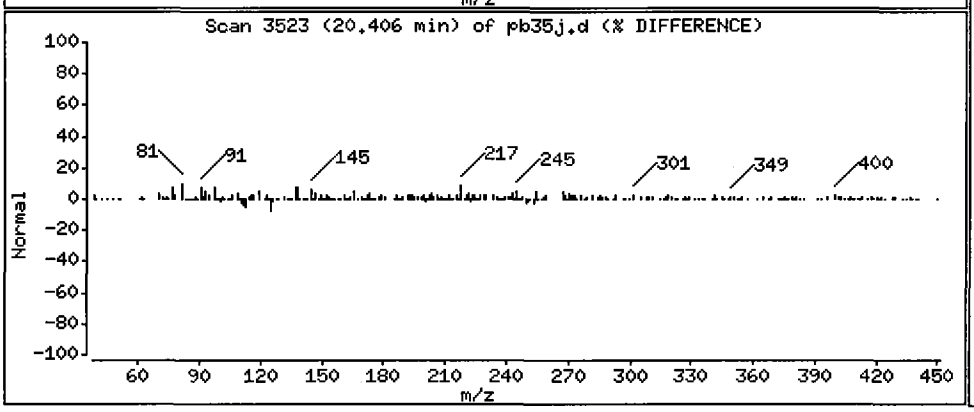












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

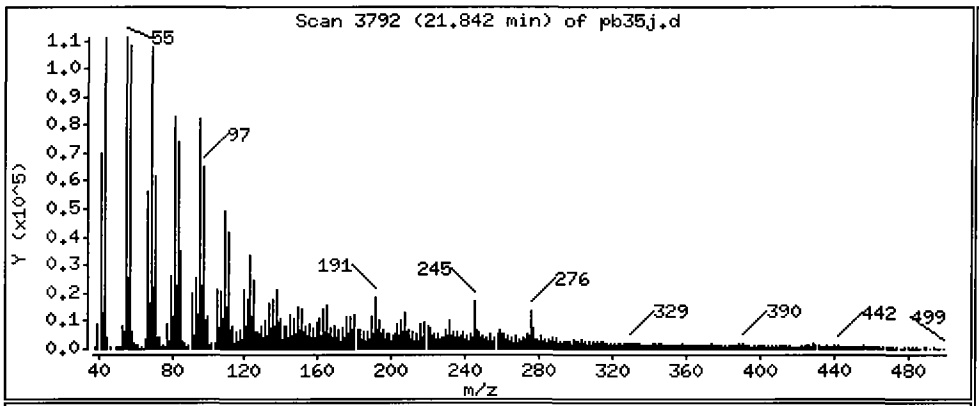
Operator: LJR/VTS

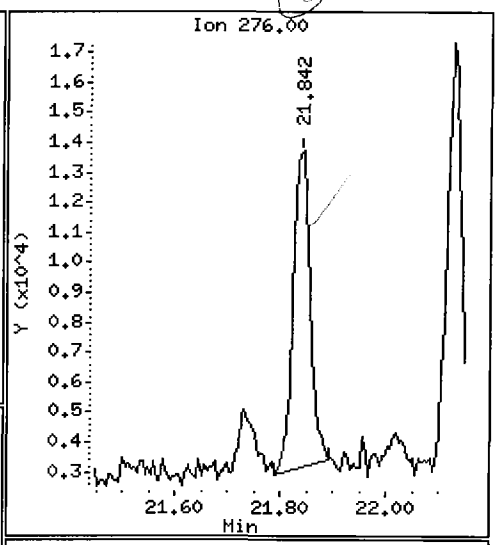
Column phase: ZB-5

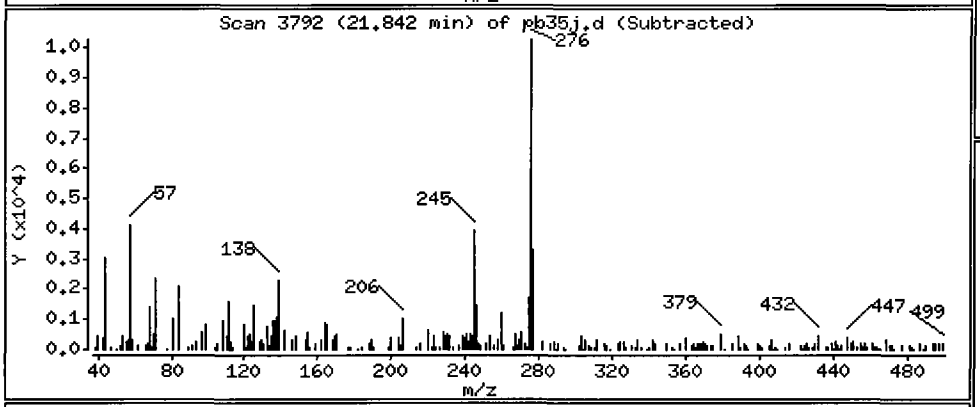
Column diameter: 0.32

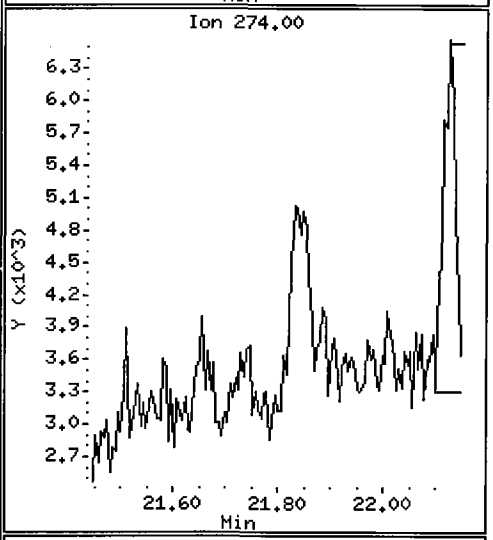
78 Indeno(1,2,3-cd)pyrene

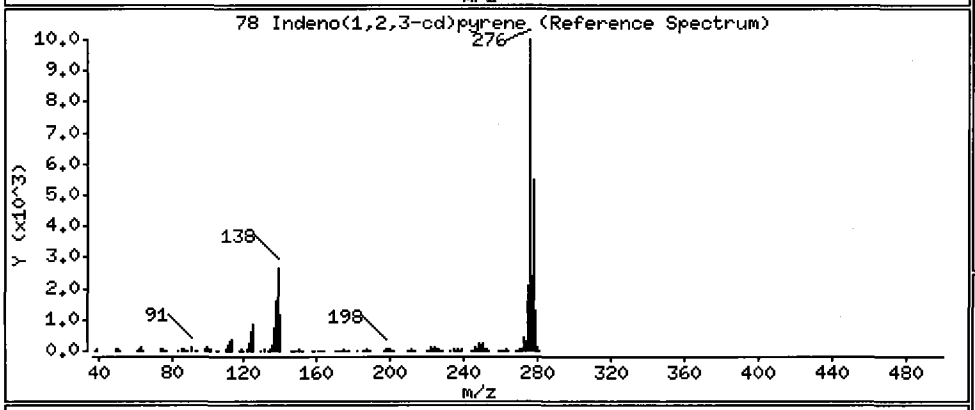
Concentration: 29.97 ug/kg

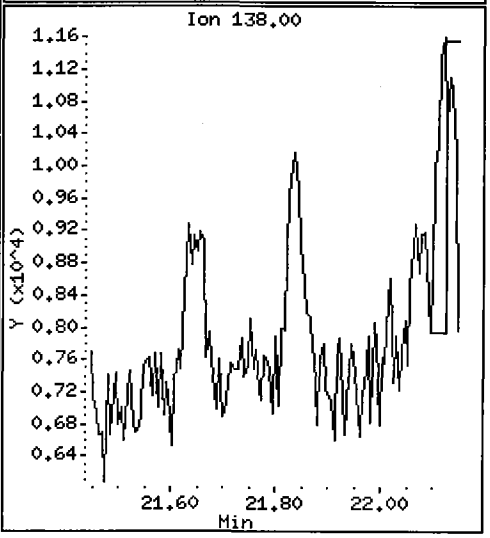


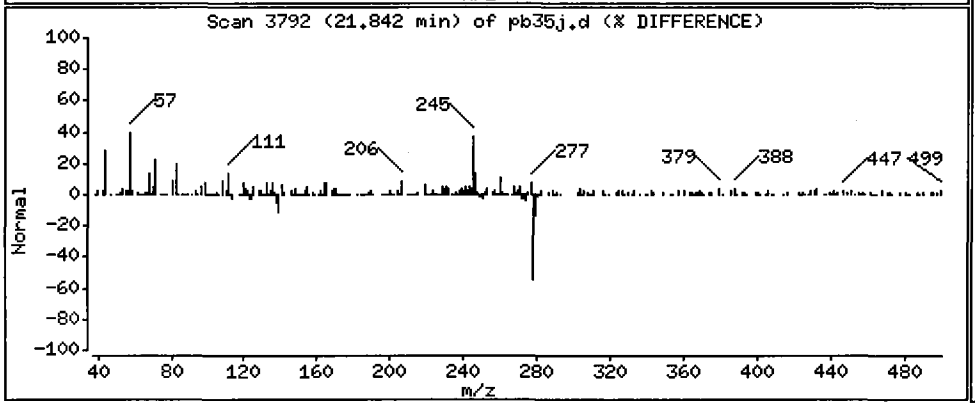












Data File: /chem1/nt6.i/20090615.b/pb35j.d

Date : 15-JUN-2009 19:00

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,3

Volume Injected (uL): 1.0

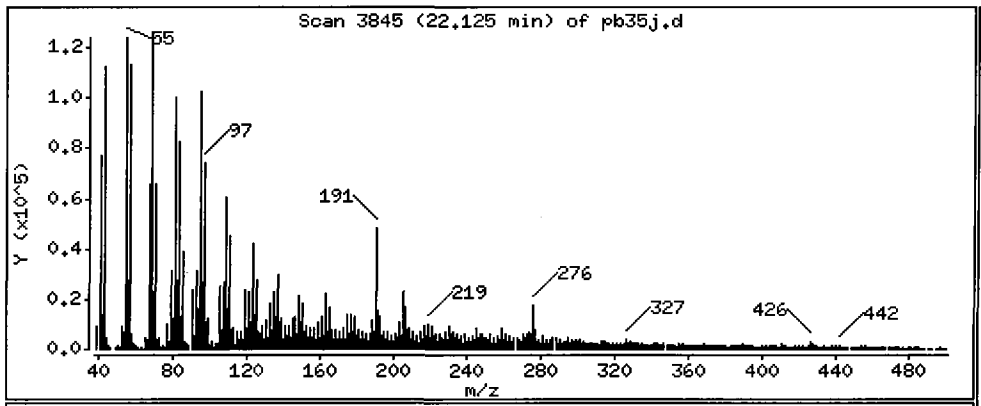
Operator: LJR/VTS

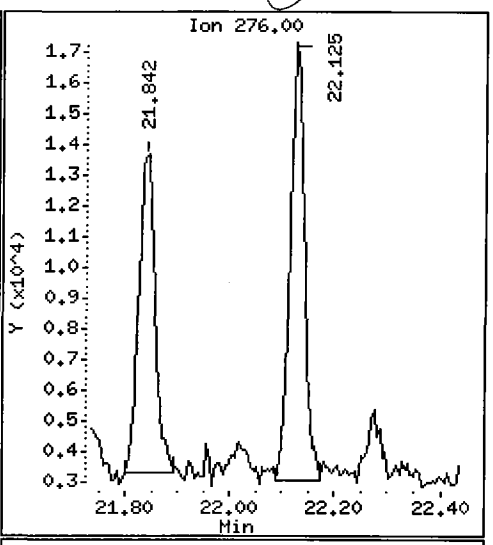
Column phase: ZB-5

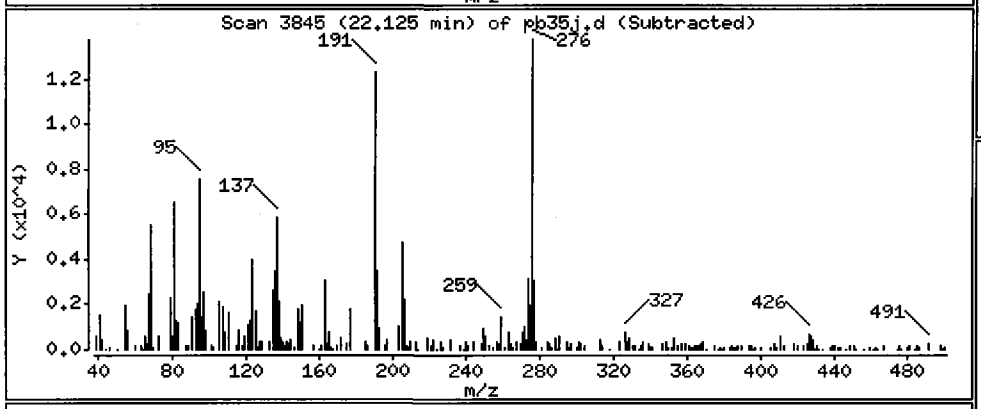
Column diameter: 0.32

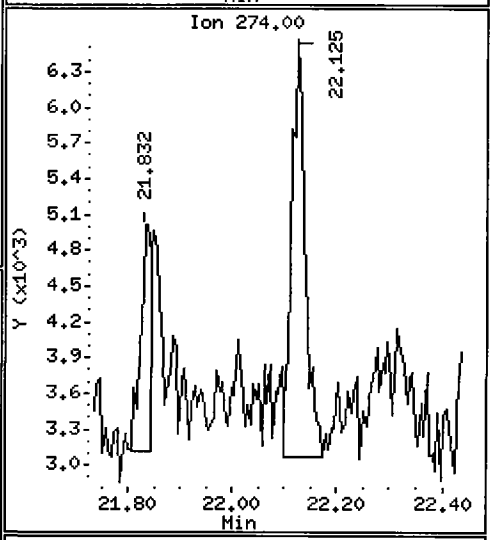
80 Benzo(g,h,i)perylene

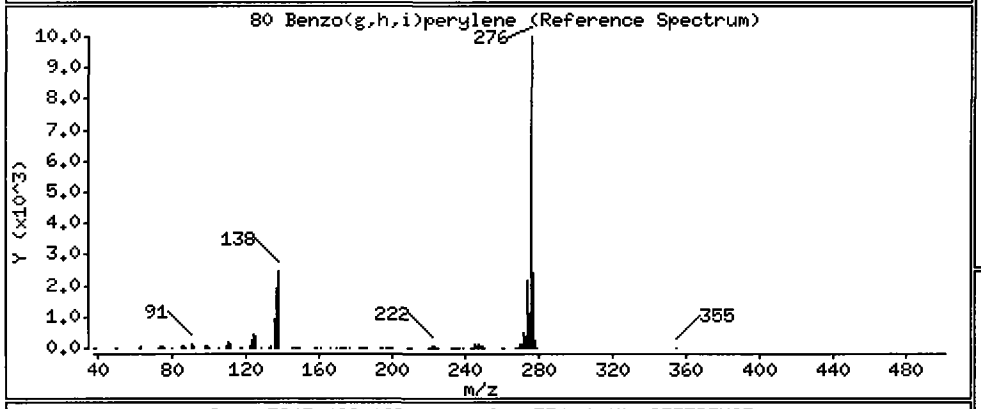
Concentration: 39.27 ug/kg

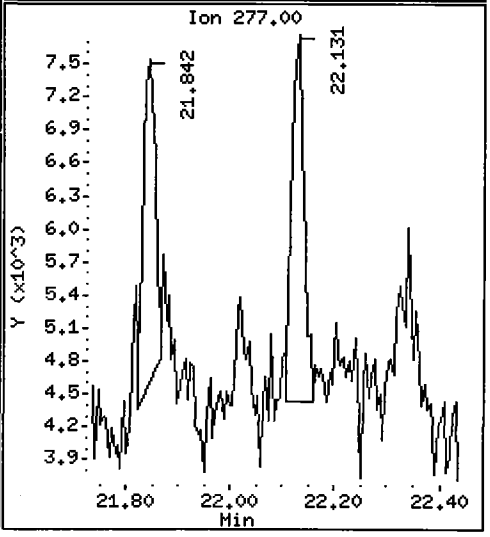


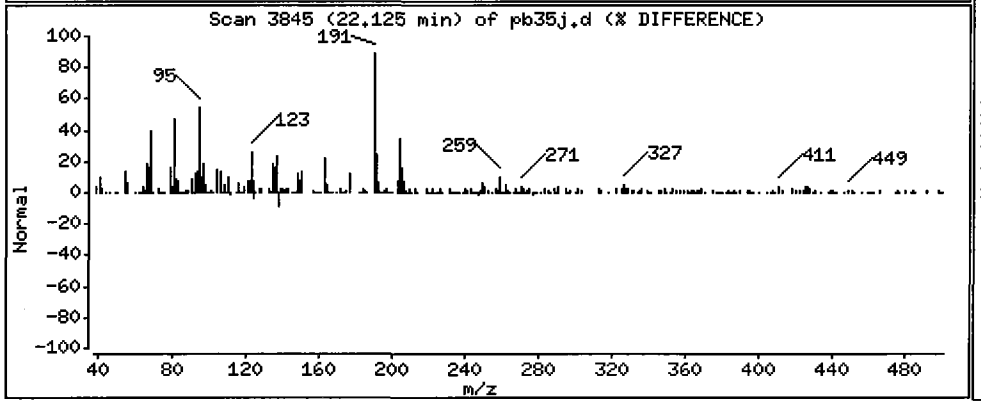












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED2-C
DILUTION

Lab Sample ID: PB35J
LIMS ID: 09-12726
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/16/09 20:41
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 20.0
Percent Moisture: 35.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	400	< 400 U
541-73-1	1,3-Dichlorobenzene	400	< 400 U
106-46-7	1,4-Dichlorobenzene	400	< 400 U
100-51-6	Benzyl Alcohol	400	< 400 U
95-50-1	1,2-Dichlorobenzene	400	< 400 U
95-48-7	2-Methylphenol	400	< 400 U
106-44-5	4-Methylphenol	400	< 400 U
67-72-1	Hexachloroethane	400	< 400 U
105-67-9	2,4-Dimethylphenol	400	< 400 U
65-85-0	Benzoic Acid	4,000	< 4,000 U
120-82-1	1,2,4-Trichlorobenzene	400	< 400 U
91-20-3	Naphthalene	400	< 400 U
87-68-3	Hexachlorobutadiene	400	< 400 U
91-57-6	2-Methylnaphthalene	400	< 400 U
131-11-3	Dimethylphthalate	400	< 400 U
208-96-8	Acenaphthylene	400	< 400 U
83-32-9	Acenaphthene	400	< 400 U
132-64-9	Dibenzofuran	400	< 400 U
84-66-2	Diethylphthalate	400	< 400 U
86-73-7	Fluorene	400	< 400 U
86-30-6	N-Nitrosodiphenylamine	400	< 400 U
118-74-1	Hexachlorobenzene	400	< 400 U
87-86-5	Pentachlorophenol	2,000	< 2,000 U
85-01-8	Phenanthrene	400	< 400 U
120-12-7	Anthracene	400	< 400 U
84-74-2	Di-n-Butylphthalate	400	< 400 U
206-44-0	Fluoranthene	400	< 400 U
129-00-0	Pyrene	400	< 400 U
85-68-7	Butylbenzylphthalate	400	< 400 U
56-55-3	Benzo(a)anthracene	400	< 400 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**400**	**870**
218-01-9	Chrysene	400	< 400 U
117-84-0	Di-n-Octyl phthalate	400	< 400 U
205-99-2	Benzo(b)fluoranthene	400	< 400 U
207-08-9	Benzo(k)fluoranthene	400	< 400 U
50-32-8	Benzo(a)pyrene	400	< 400 U
193-39-5	Indeno(1,2,3-cd)pyrene	400	< 400 U
53-70-3	Dibenz(a,h)anthracene	400	< 400 U
191-24-2	Benzo(g,h,i)perylene	400	< 400 U
90-12-0	1-Methylnaphthalene	400	< 400 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.0%	2-Fluorobiphenyl	51.2%
d14-p-Terphenyl	75.2%	d4-1,2-Dichlorobenzene	55.2%
d5-Phenol	48.5%	2-Fluorophenol	59.2%
2,4,6-Tribromophenol	60.3%	d4-2-Chlorophenol	54.4%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090616.b/pb35jdl.d
Lab Smp Id: PB35J Client Smp ID: 3SED2-C
Inj Date : 16-JUN-2009 20:41
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35J,20
Misc Info : 09-12726
Comment : 1ul Injection
Method : /chem1/nt6.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 11:06 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 17
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	20.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	39.50000	Weight of sample extracted (g)
M	35.90000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$ 1 2-Fluorophenol	112	4.664	4.638	(0.692)	9386	1.10969	438.3
$ 2 Phenol-d5	99	6.448	6.428	(0.957)	10288	0.90577	357.7
3 Phenol	94	Compound Not Detected.					
$ 5 2-Chlorophenol-d4	132	6.454	6.438	(0.958)	7060	1.02003	402.9
4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6 2-Chlorophenol	128	Compound Not Detected.					
7 1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8 1,4-Dichlorobenzene-d4	152	6.737	6.732	(1.000)	102594	20.0000	
9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10 1,2-Dichlorobenzene-d4	152	7.036	7.036	(1.044)	3500	0.68511	270.6(M)
12 1,2-Dichlorobenzene	146	Compound Not Detected.					
11 Benzyl alcohol	108	Compound Not Detected.					
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13 2-Methylphenol	108	Compound Not Detected.					
17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	7.703	7.704	(0.875)	8178	0.79814	315.2
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.804	8.804	(1.000)	333632	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.625	10.626	(0.913)	9039	0.63588	251.1
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.640	11.635	(1.000)	191375	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.927	12.917	(1.111)	2064	1.13111	446.7
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	13.968	13.964	(1.000)	293654	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	Compound Not Detected.					
$	66 Terphenyl-d14	244	16.618	16.613	(0.912)	11653	0.94155	371.9
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	18.215	18.210	(1.000)	231718	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	Compound Not Detected.					
	72 bis(2-Ethylhexyl)phthalate	149	18.562	18.557	(0.952)	22902	2.21096	873.2
*	134 Di-n-octylphthalate-d4	153	19.491	19.486	(1.000)	333979	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	Compound Not Detected.					
	75 Benzo(k)fluoranthene	252	Compound Not Detected.					
	76 Benzo(a)pyrene	252	Compound Not Detected.					
*	77 Perylene-d12	264	20.340	20.325	(1.000)	159041	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35jdl.d
Lab Smp Id: PB35J
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090616.b/SW846.m
Misc Info: 09-12726

Calibration Date: 16-JUN-2009
Calibration Time: 11:54
Client Smp ID: 3SED2-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	102594	-8.72
27 Naphthalene-d8	384492	192246	768984	333632	-13.23
42 Acenaphthene-d10	217478	108739	434956	191375	-12.00
59 Phenanthrene-d10	336594	168297	673188	293654	-12.76
69 Chrysene-d12	247160	123580	494320	231718	-6.25
134 Di-n-octylphthala	347036	173518	694072	333979	-3.76
77 Perylene-d12	232938	116469	465876	159041	-31.72

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.73	6.23	7.23	6.74	0.07
27 Naphthalene-d8	8.80	8.30	9.30	8.80	-0.01
42 Acenaphthene-d10	11.64	11.14	12.14	11.64	0.04
59 Phenanthrene-d10	13.96	13.46	14.46	13.97	0.03
69 Chrysene-d12	18.21	17.71	18.71	18.21	0.03
134 Di-n-octylphthala	19.49	18.99	19.99	19.49	0.02
77 Perylene-d12	20.32	19.82	20.82	20.34	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35J
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090616.b/SW846.m
Misc Info: 09-12726

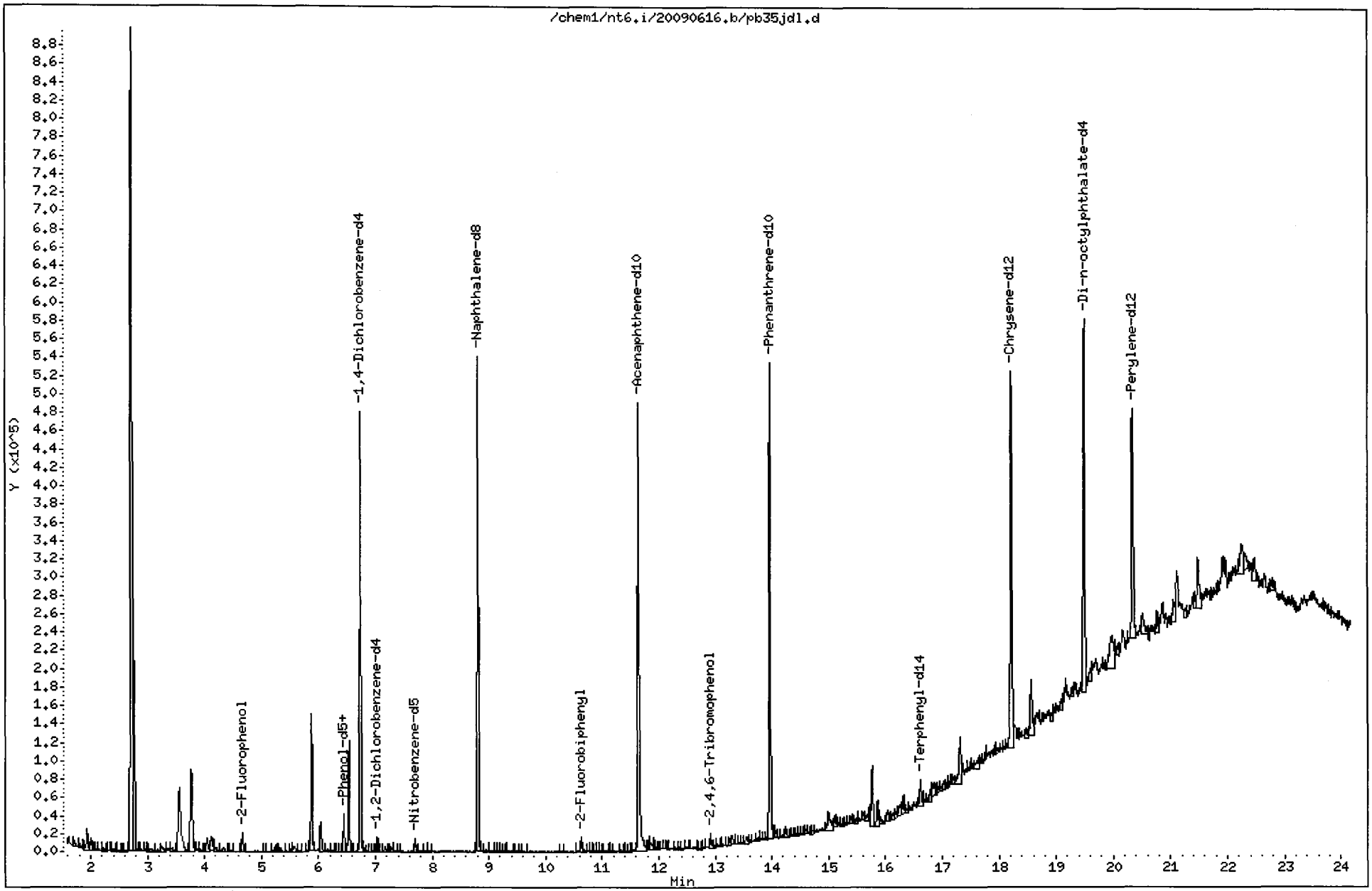
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED2-C
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	740.5	438.3	59.18	21-100
$ 2 Phenol-d5	740.5	357.7	48.31	10-100
$ 5 2-Chlorophenol-d4	740.5	402.9	54.40	30-100
$ 10 1,2-Dichlorobenzen	493.7	270.6	54.81	24-100
$ 18 Nitrobenzene-d5	493.7	315.2	63.85	26-100
$ 36 2-Fluorobiphenyl	493.7	251.1	50.87	32-100
$ 55 2,4,6-Tribromophen	740.5	446.7	60.33	33-118
$ 66 Terphenyl-d14	493.7	371.9	75.32	21-97

Data File: /chem1/nt6.i/20090616.b/pb35jd1.d
Date : 16-JUN-2009 20:41
Client ID: 3SED2-C
Sample Info: PB35J,20
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

PB35:66259



Data File: /chem1/nt6.i/20090616.b/pb35jdl.d

Date : 16-JUN-2009 20:41

Client ID: 3SED2-C

Instrument: nt6.i

Sample Info: PB35J,20

Volume Injected (uL): 1.0

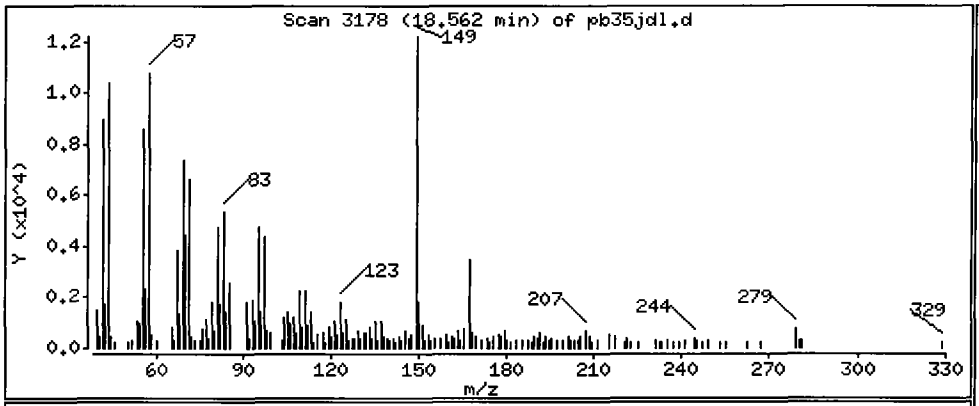
Operator: LJR/VTS

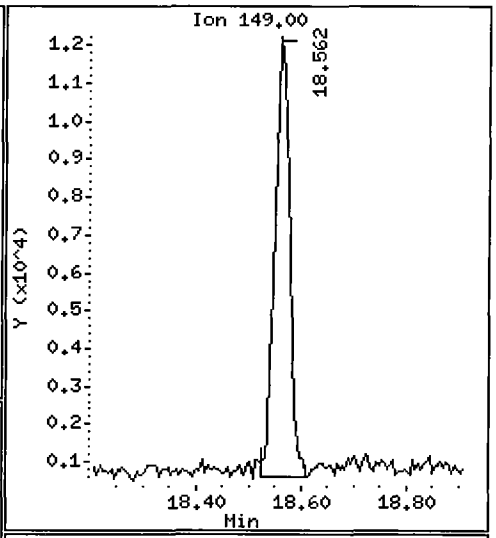
Column phase: ZB-5

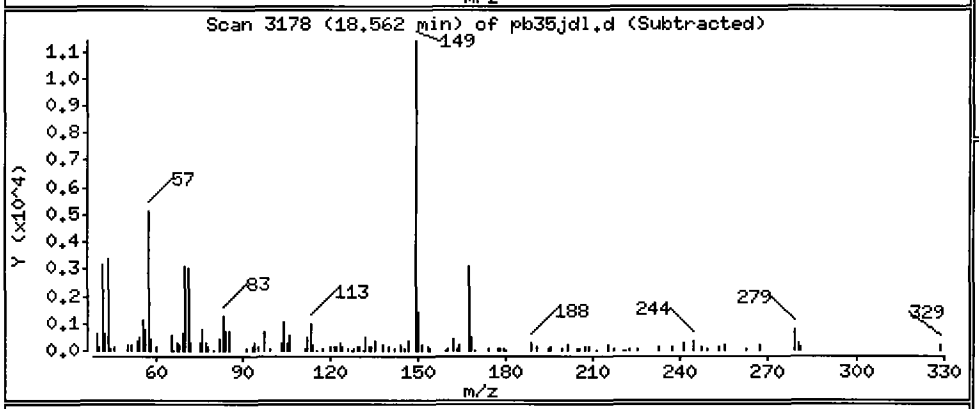
Column diameter: 0.32

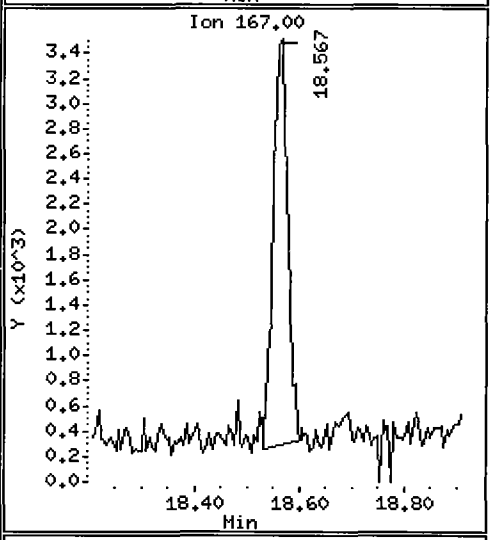
72 bis(2-Ethylhexyl)phthalate

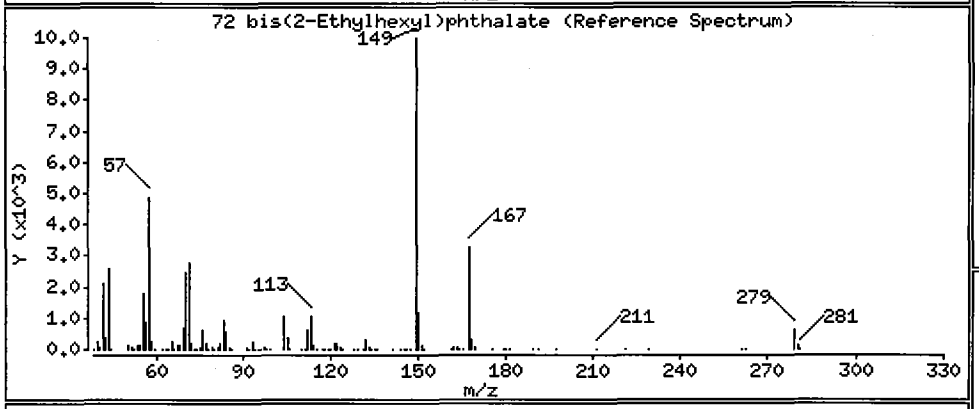
Concentration: 873.2 ug/kg

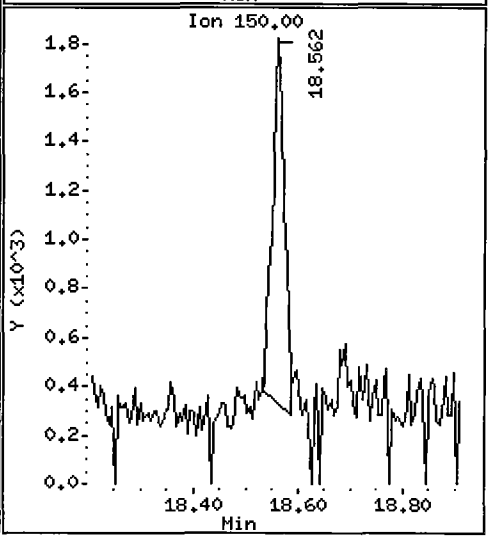


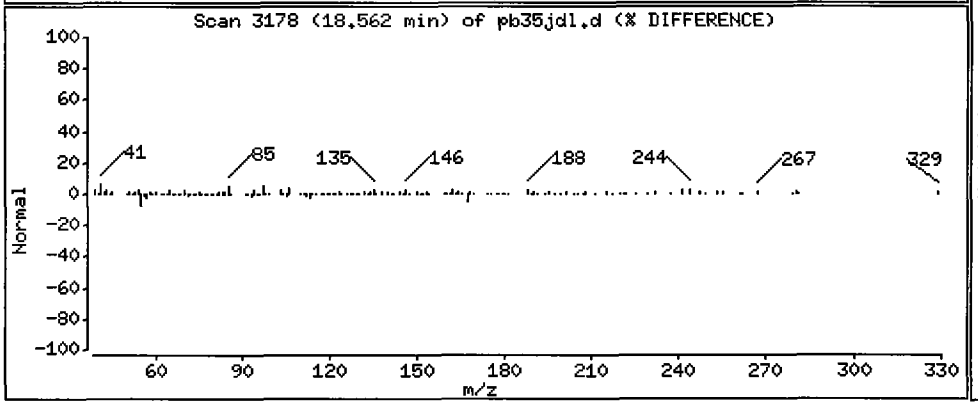




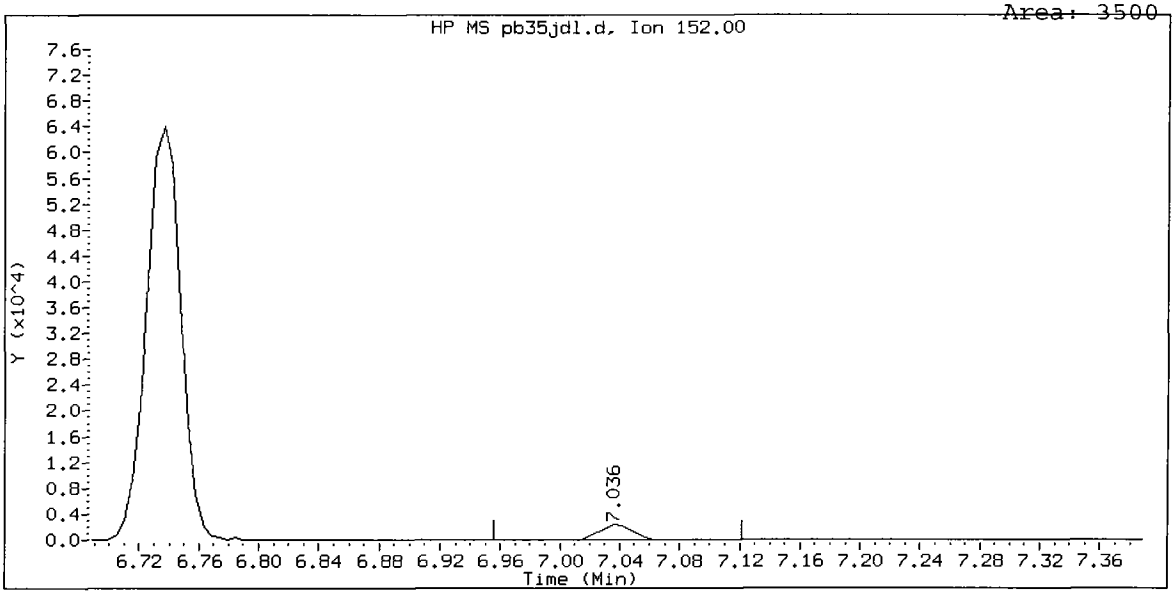


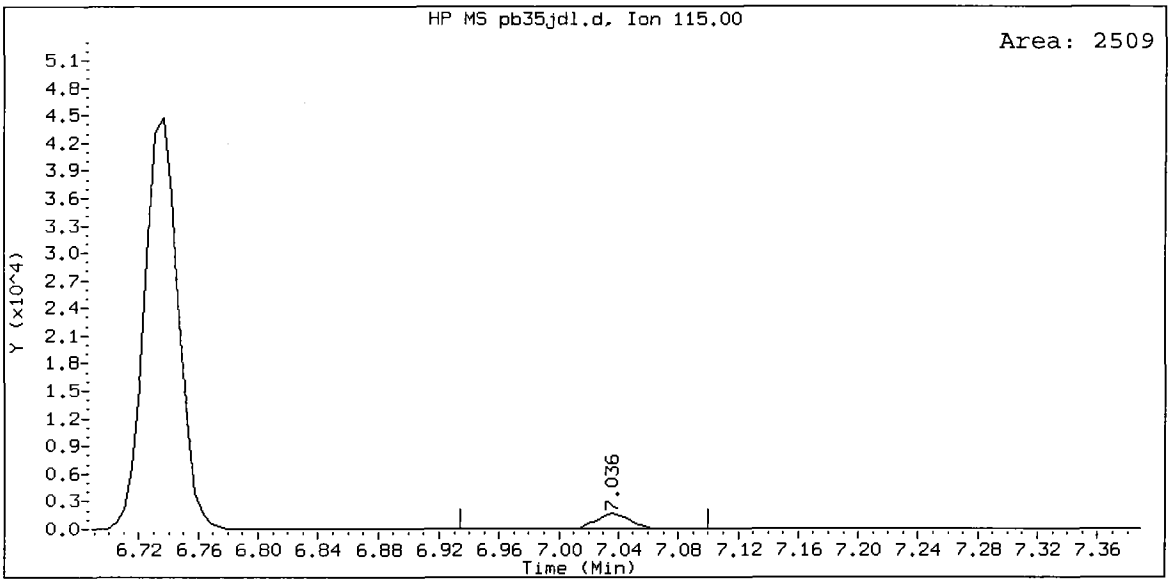


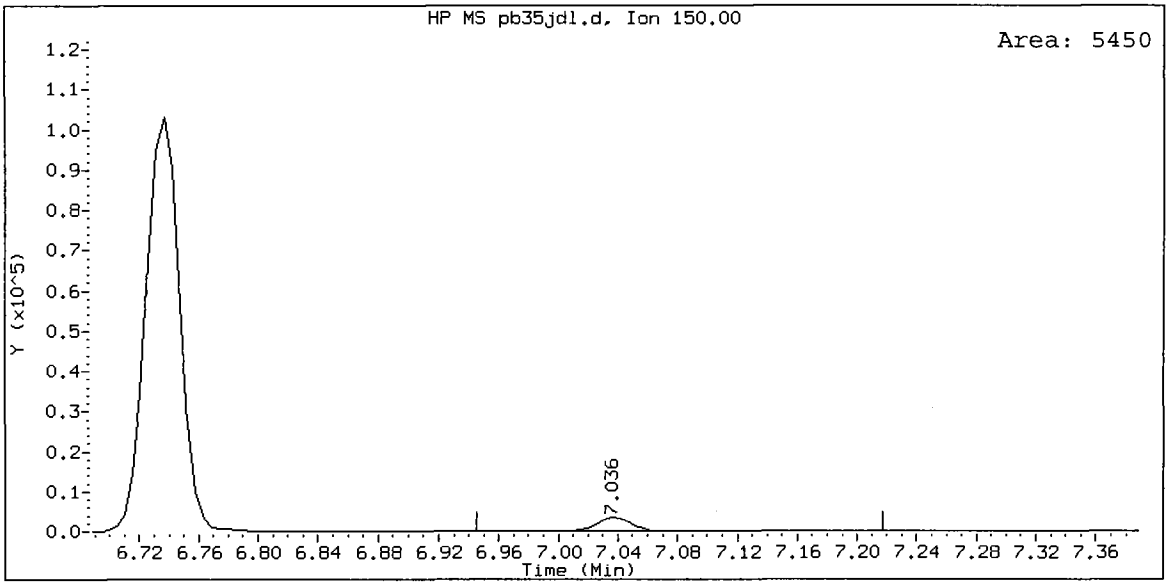




PB35J, /chem1/nt6.i/20090616.b/pb35jdl.d
1,2-Dichlorobenzene-d4 Amount: 0.69







ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED11-A
SAMPLE

Lab Sample ID: PB35K
LIMS ID: 09-12727
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 19:33
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 31.6%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**14 J**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**18 J**
129-00-0	**Pyrene**	**20**	**13 J**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**12 J**
218-01-9	**Chrysene**	**20**	**16 J**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	65.2%
d14-p-Terphenyl	57.2%	d4-1,2-Dichlorobenzene	54.8%
d5-Phenol	60.3%	2-Fluorophenol	59.7%
2,4,6-Tribromophenol	72.0%	d4-2-Chlorophenol	60.5%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35k.d
Lab Smp Id: PB35K Client Smp ID: 3SED11-A
Inj Date : 15-JUN-2009 19:33
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35K
Misc Info : 09-12727
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LNK 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	37.30000	Weight of sample extracted (g)
M	31.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.811	4.782	(0.702)	176899	22.3824	438.6
$	2 Phenol-d5	99	6.584	6.534	(0.961)	240004	22.6134	443.2
	3 Phenol	94	6.605	6.550	(0.964)	8213	0.71648 LPL	14.04 (MH)
$	5 2-Chlorophenol-d4	132	6.568	6.555	(0.959)	146721	22.6863	444.6
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.851	6.849	(1.000)	95865	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.150	7.148	(1.044)	65519	13.7252	269.0
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15	4-Methylphenol	108	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	7.813	7.810	(0.876)	150551	14.7020	288.1
	19	Nitrobenzene	77	Compound Not Detected.					
	20	Isophorone	82	Compound Not Detected.					
	21	2-Nitrophenol	139	Compound Not Detected.					
	22	2,4-Dimethylphenol	107	Compound Not Detected.					
	23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24	Benzoic acid	105	Compound Not Detected.					
	25	2,4-Dichlorophenol	162	Compound Not Detected.					
	26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27	Naphthalene-d8	136	8.918	8.916	(1.000)	333431	20.0000	
	28	Naphthalene	128	Compound Not Detected.					
	29	4-Chloroaniline	127	Compound Not Detected.					
	30	Hexachlorobutadiene	225	Compound Not Detected.					
	31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32	2-Methylnaphthalene	141	Compound Not Detected.					
	33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36	2-Fluorobiphenyl	172	10.734	10.732	(0.913)	218740	16.2767	319.0
	37	2-Chloronaphthalene	162	Compound Not Detected.					
	38	2-Nitroaniline	65	Compound Not Detected.					
	39	Dimethylphthalate	163	Compound Not Detected.					
	40	Acenaphthylene	152	Compound Not Detected.					
	41	2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42	Acenaphthene-d10	164	11.754	11.747	(1.000)	180927	20.0000	
	43	3-Nitroaniline	138	Compound Not Detected.					
	44	Acenaphthene	153	Compound Not Detected.					
	45	2,4-Dinitrophenol	184	Compound Not Detected.					
	46	Dibenzofuran	168	Compound Not Detected.					
	47	4-Nitrophenol	109	Compound Not Detected.					
	48	2,4-Dinitrotoluene	165	Compound Not Detected.					
	50	Diethylphthalate	149	Compound Not Detected.					
	49	Fluorene	166	Compound Not Detected.					
	51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52	4-Nitroaniline	138	Compound Not Detected.					
	53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55	2,4,6-Tribromophenol	330	13.036	13.034	(1.109)	46495	26.9516	528.2
	56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57	Hexachlorobenzene	284	Compound Not Detected.					
	58	Pentachlorophenol	266	Compound Not Detected.					
*	59	Phenanthrene-d10	188	14.083	14.081	(1.000)	281706	20.0000	
	60	Phenanthrene	178	Compound Not Detected.					
	61	Anthracene	178	Compound Not Detected.					
	62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.027	16.025	(1.138)	16518	0.90485	17.73
65	Pyrene	202	16.364	16.361	(0.892)	19285	0.66915	13.11
$ 66	Terphenyl-d14	244	16.737	16.730	(0.913)	265373	14.2819	279.9
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.340	18.338	(1.000)	347886	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.377	18.375	(1.002)	20195	0.82142	16.10
72	bis(2-Ethylhexyl)phthalate	149	18.676	18.674	(0.953)	9536	0.60703	11.90
* 134	Di-n-octylphthalate-d4	153	19.606	19.603	(1.000)	506501	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.947	19.945	(0.975)	25036	0.89140	17.47(M) 0.490
75	Benzo(k)fluoranthene	252	19.947	19.977	(0.975)	25036	0.86787	17.01(M) 0.490
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	20.465	20.453	(1.000)	387578	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35k.d
Lab Smp Id: PB35K
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12727

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED11-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	95865	-14.70
27 Naphthalene-d8	384492	192246	768984	333431	-13.28
42 Acenaphthene-d10	217478	108739	434956	180927	-16.81
59 Phenanthrene-d10	336594	168297	673188	281706	-16.31
69 Chrysene-d12	247160	123580	494320	347886	40.75
134 Di-n-octylphthala	347036	173518	694072	506501	45.95
77 Perylene-d12	232938	116469	465876	387578	66.39

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.03
27 Naphthalene-d8	8.92	8.42	9.42	8.92	0.02
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.06
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	0.02
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.01
134 Di-n-octylphthala	19.60	19.10	20.10	19.61	0.01
77 Perylene-d12	20.45	19.95	20.95	20.47	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35K
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12727

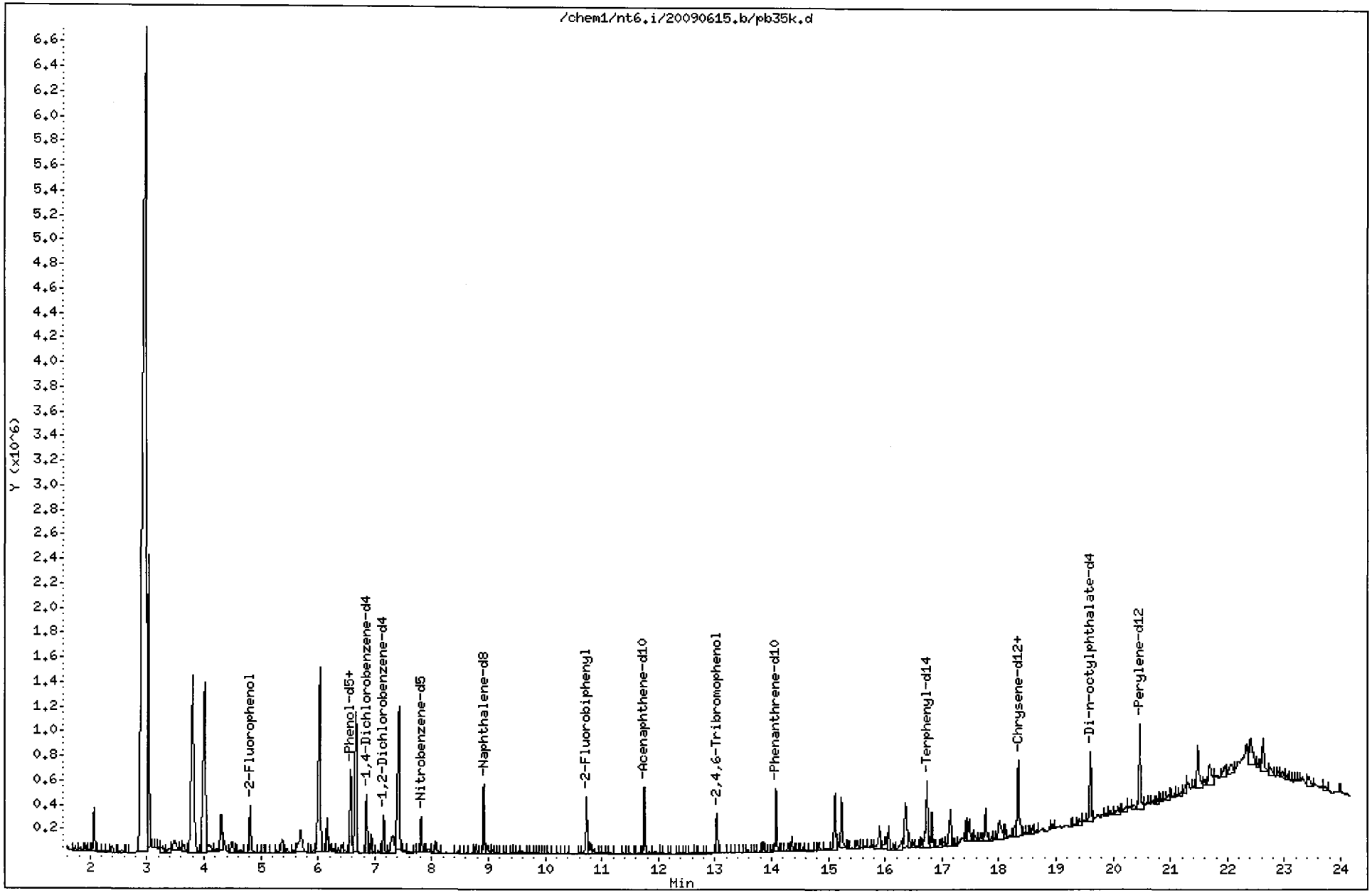
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED11-A
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	734.9	438.6	59.69	21-100
$ 2 Phenol-d5	734.9	443.2	60.30	10-100
$ 5 2-Chlorophenol-d4	734.9	444.6	60.50	30-100
$ 10 1,2-Dichlorobenzen	489.9	269.0	54.90	24-100
$ 18 Nitrobenzene-d5	489.9	288.1	58.81	26-100
$ 36 2-Fluorobiphenyl	489.9	319.0	65.11	32-100
$ 55 2,4,6-Tribromophen	734.9	528.2	71.87	33-118
$ 66 Terphenyl-d14	489.9	279.9	57.13	21-97

Data File: /chem1/nt6.i/20090615.b/pb35k.d
Date : 15-JUN-2009 19:33
Client ID: 3SED11-A
Sample Info: PB35K
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

PB35:00268



Data File: /chem1/nt6.i/20090615.b/pb35k.d

Date : 15-JUN-2009 19:33

Client ID: 3SED11-A

Instrument: nt6.i

Sample Info: PB35K

Volume Injected (uL): 1.0

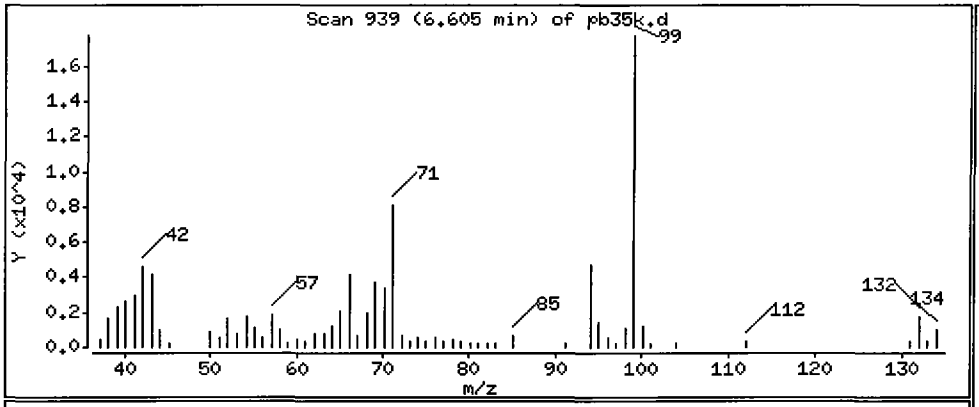
Operator: LJR/VTS

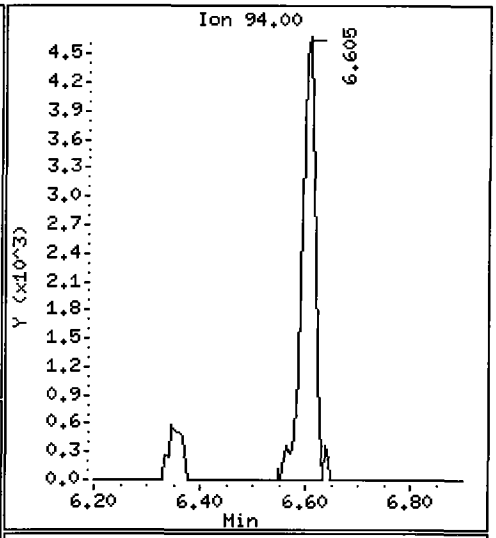
Column phase: ZB-5

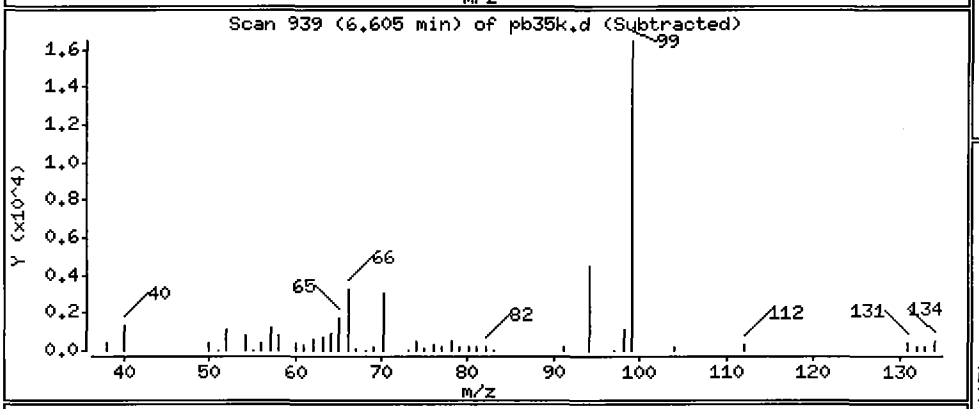
Column diameter: 0.32

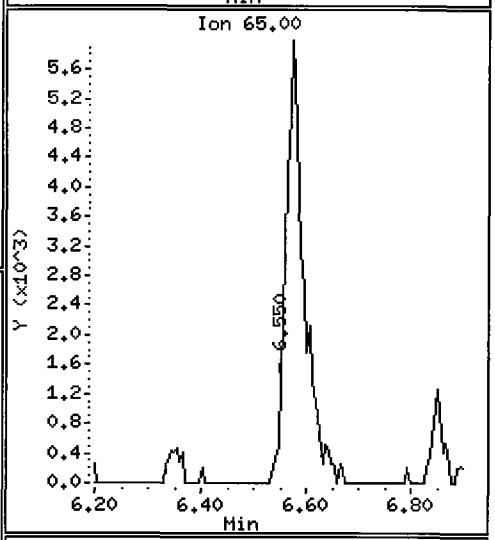
3 Phenol

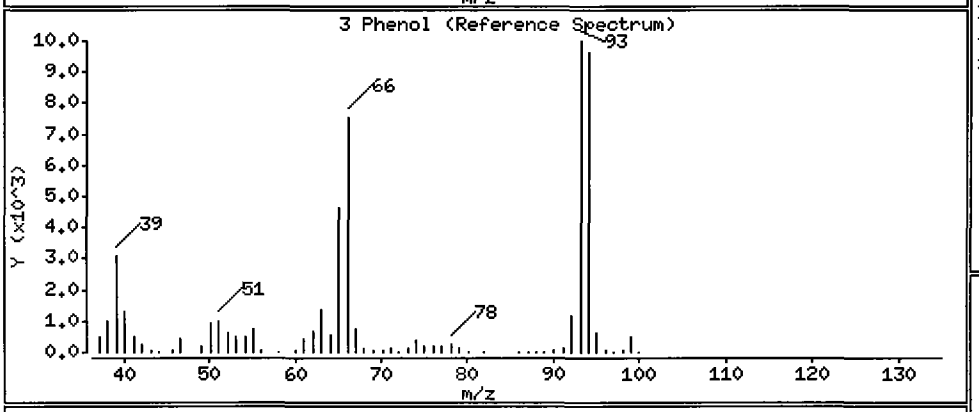
Concentration: 14.04 ug/kg

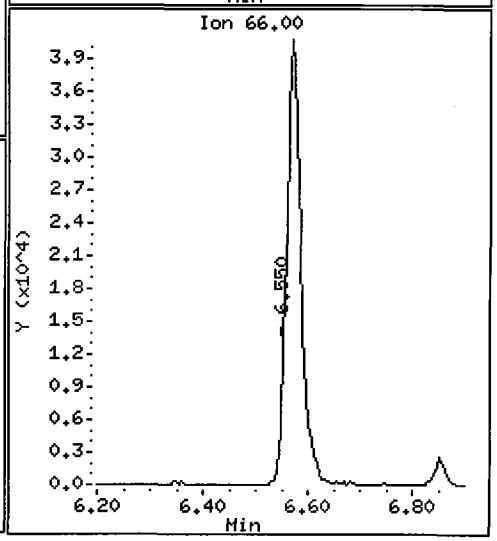


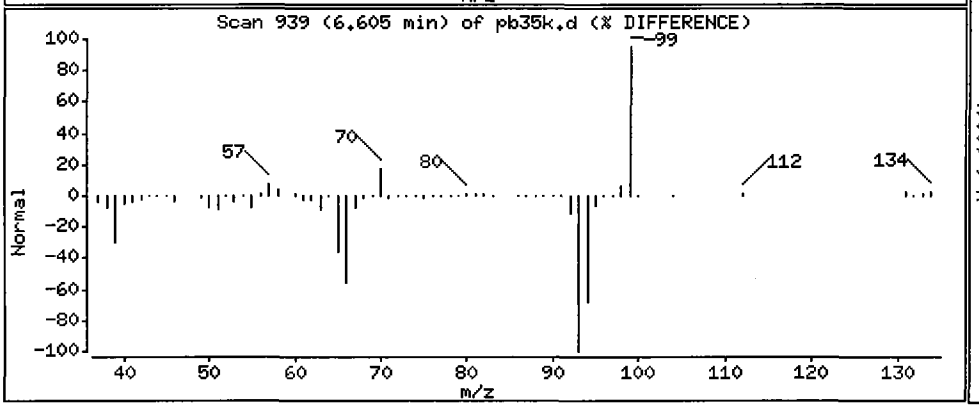












Data File: /chem1/nt6.i/20090615.b/pb35k.d

Date : 15-JUN-2009 19:33

Client ID: 3SED11-A

Instrument: nt6.i

Sample Info: PB35K

Volume Injected (uL): 1.0

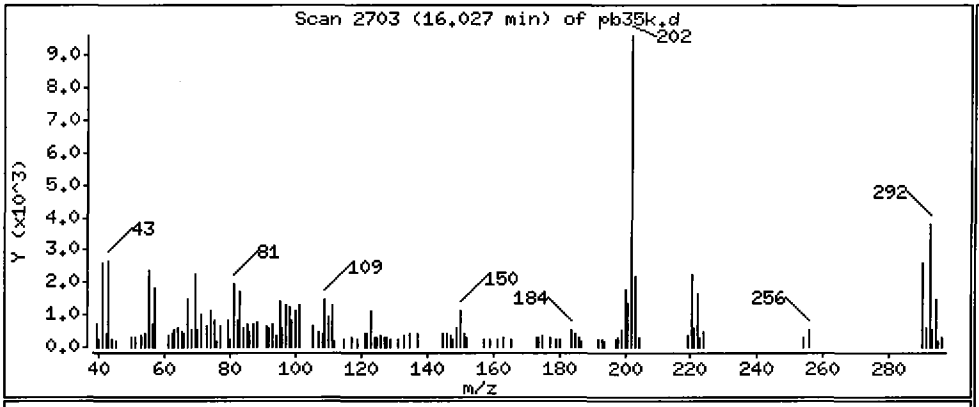
Operator: LJR/VTS

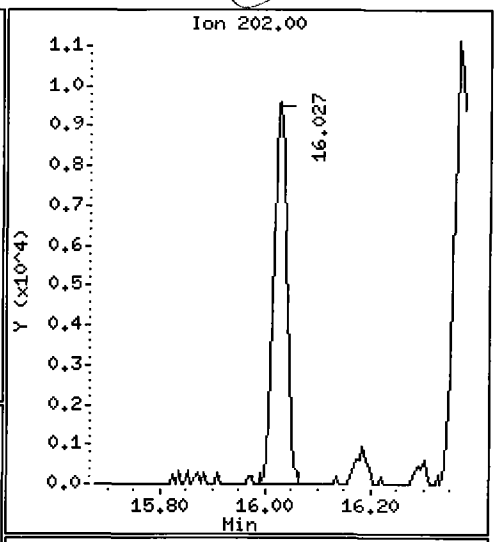
Column phase: ZB-5

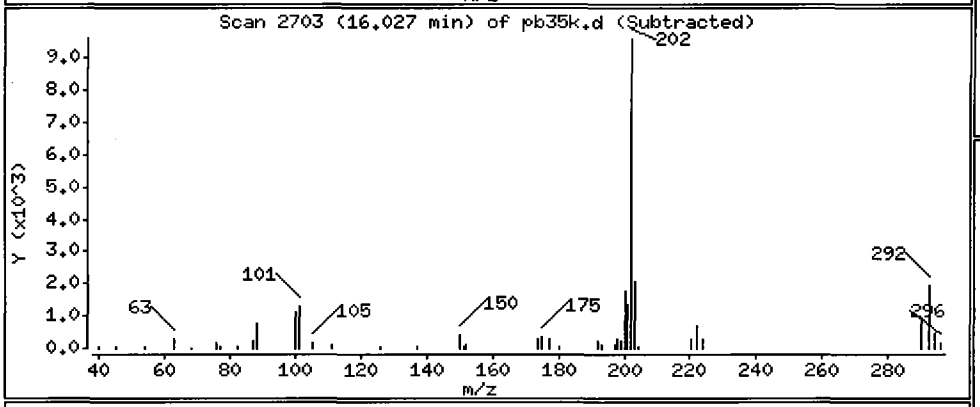
Column diameter: 0.32

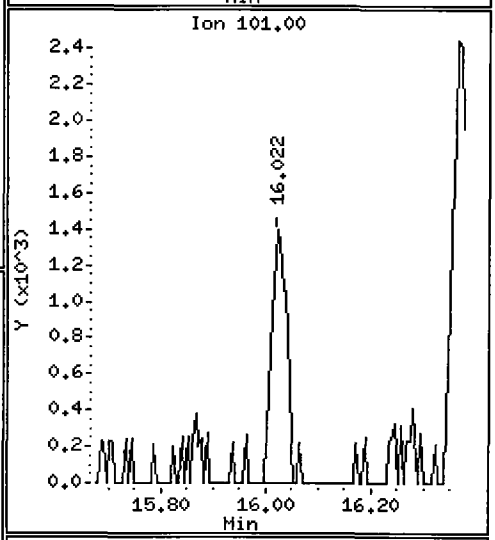
64 Fluoranthene

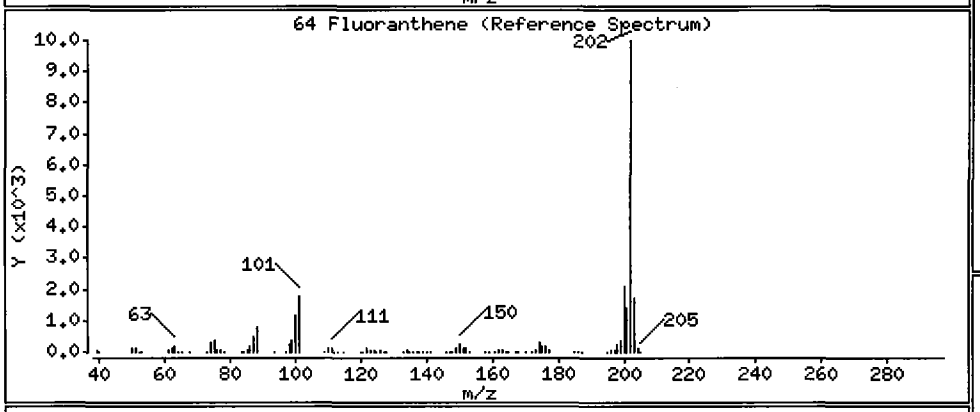
Concentration: 17.73 ug/kg

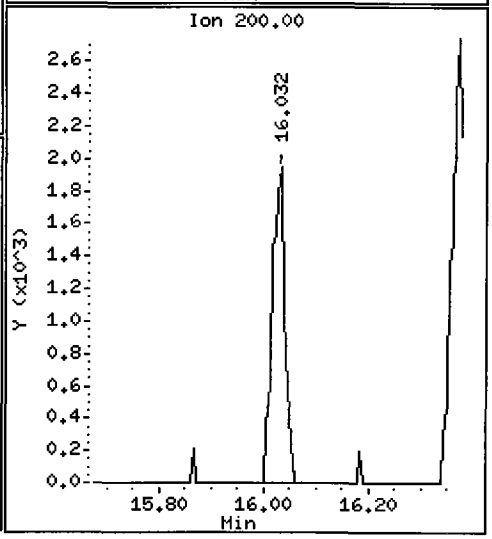


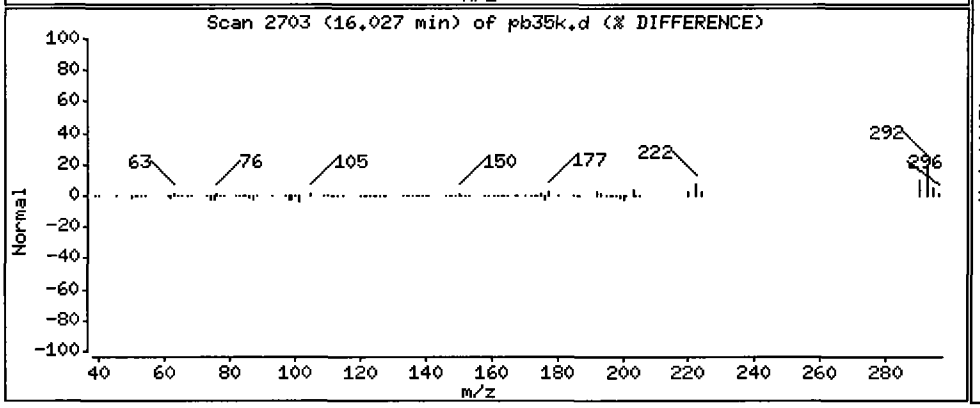












Data File: /chem1/nt6.i/20090615.b/pb35k.d

Date : 15-JUN-2009 19:33

Client ID: 3SED11-A

Instrument: nt6.i

Sample Info: PB35K

Volume Injected (uL): 1.0

Operator: LJR/VTS

Column phase: ZB-5

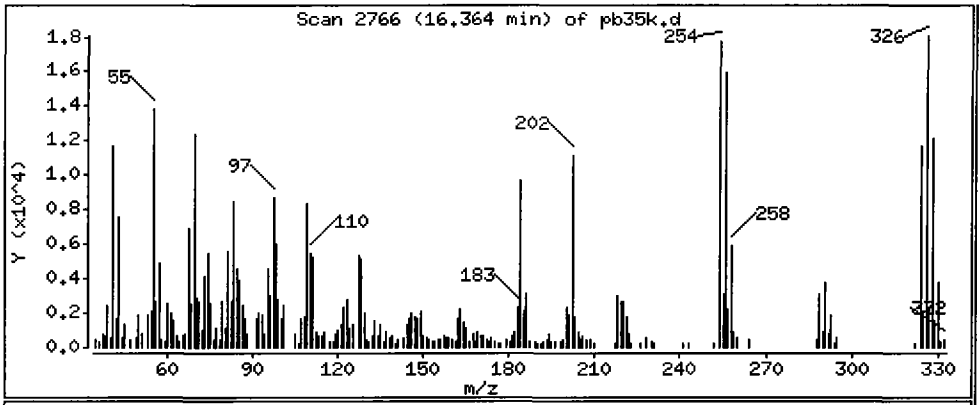
Column diameter: 0.32

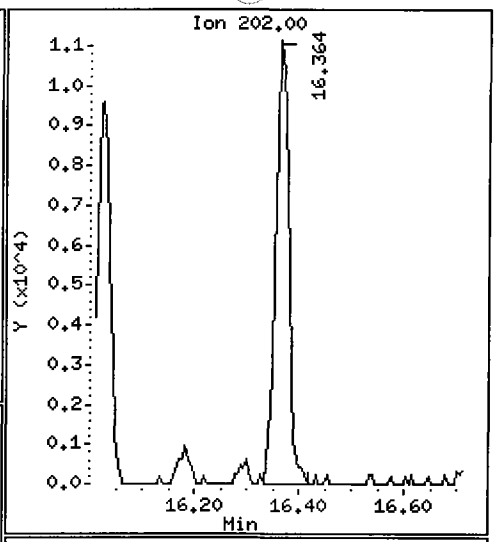
65 Pyrene

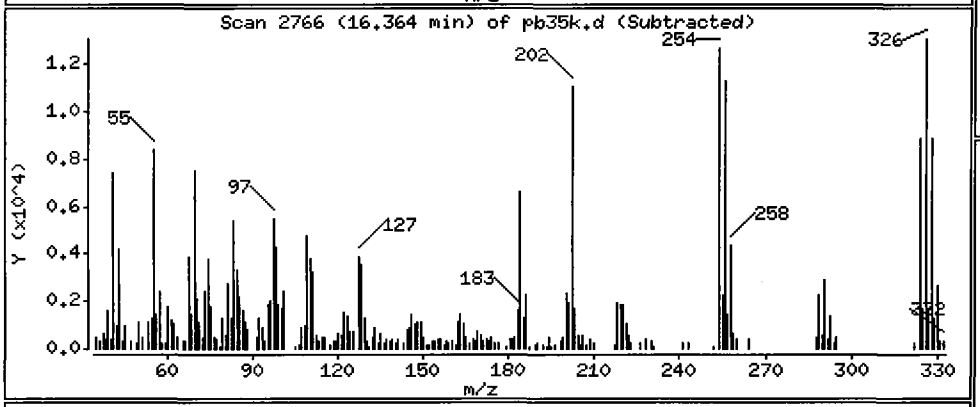
Concentration: 13.11 ug/kg

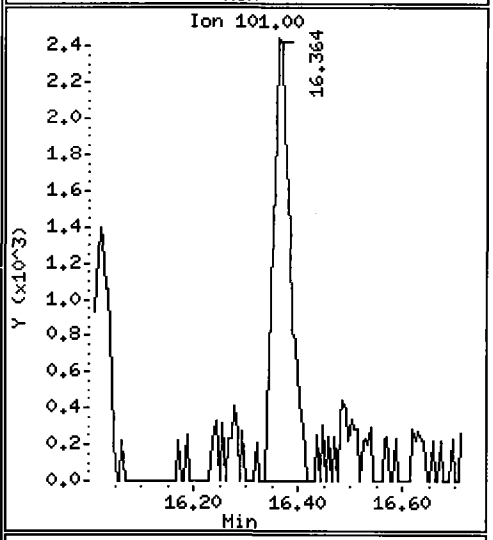
Coelute PCB

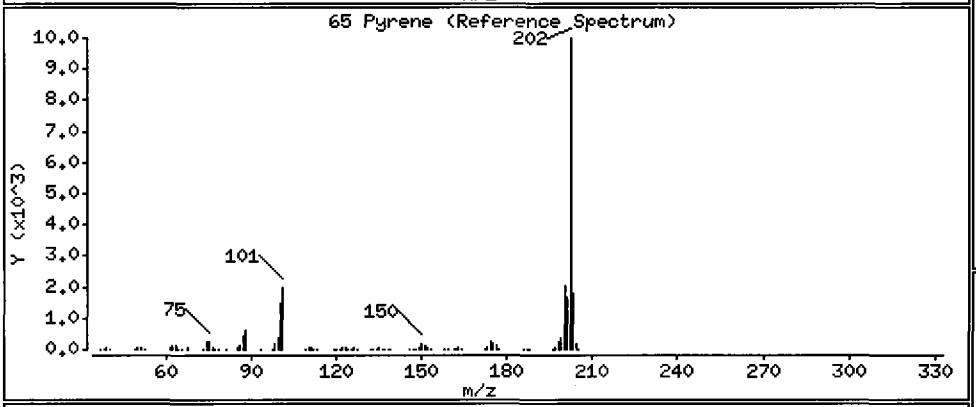
OCR

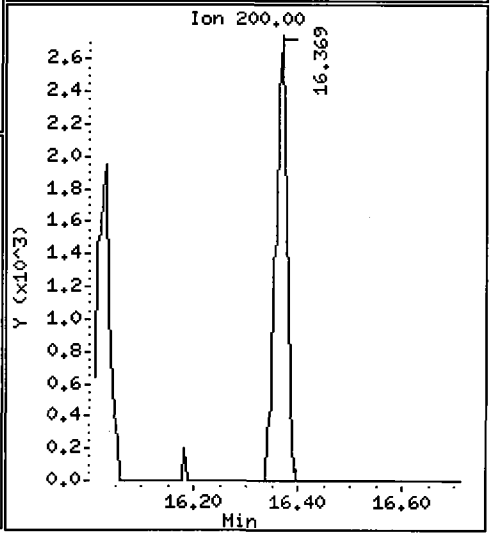


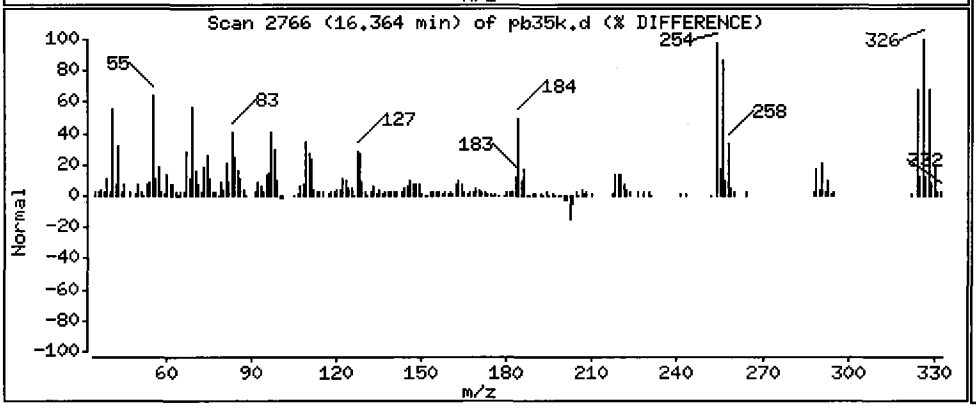












Data File: /chem1/nt6.i/20090615.b/pb35k.d

Date : 15-JUN-2009 19:33

Client ID: 3SED11-A

Instrument: nt6.i

Sample Info: PB35K

Volume Injected (uL): 1.0

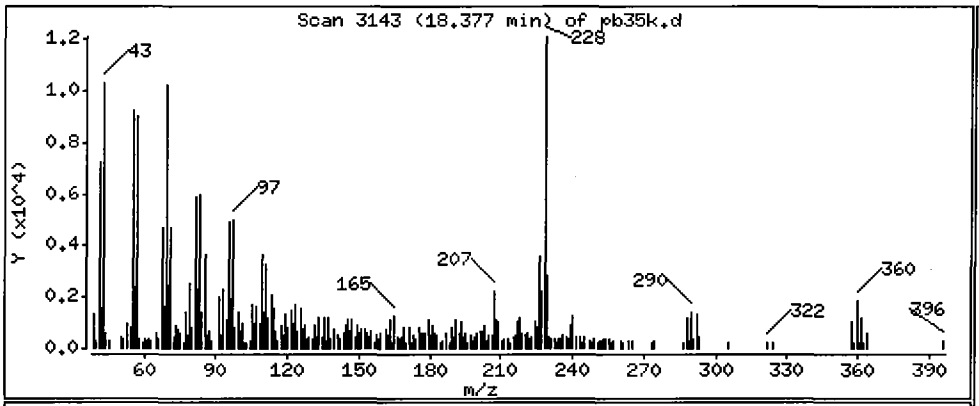
Operator: LJR/VTS

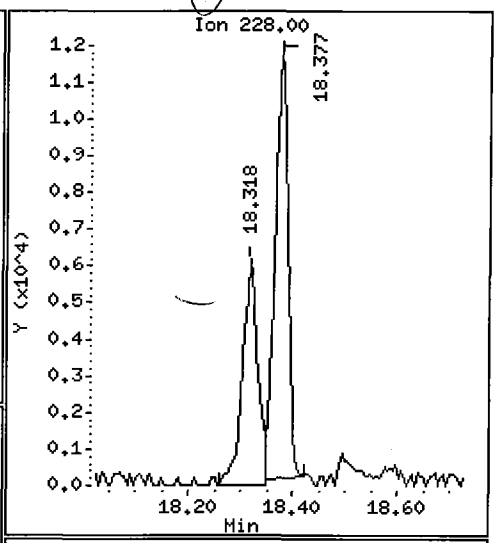
Column phase: ZB-5

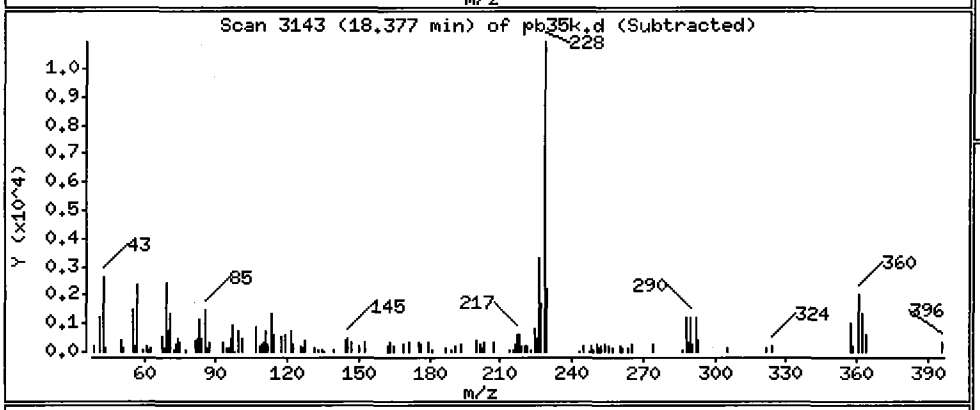
Column diameter: 0.32

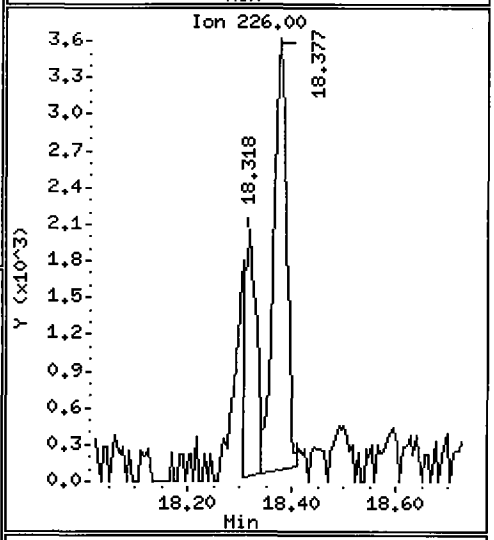
71 Chrysene

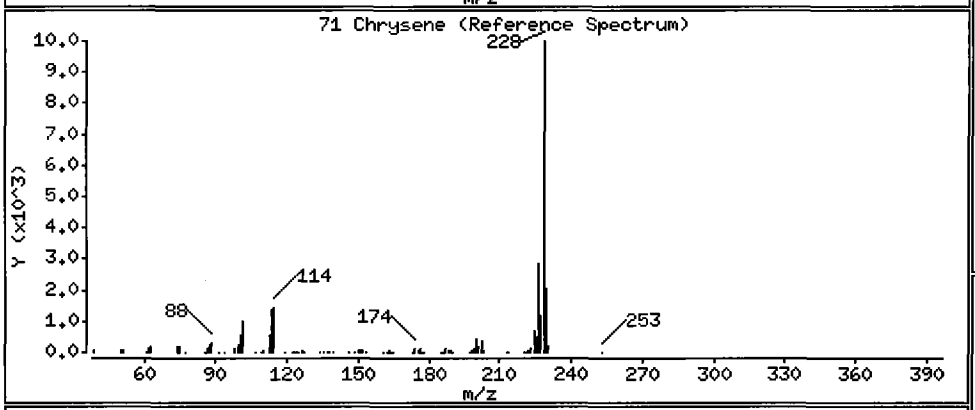
Concentration: 16.10 ug/kg

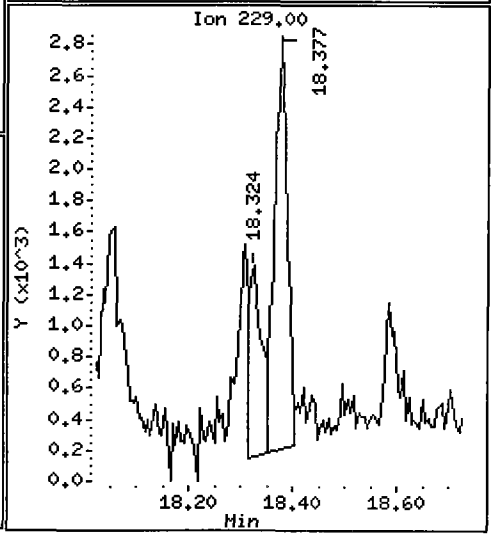


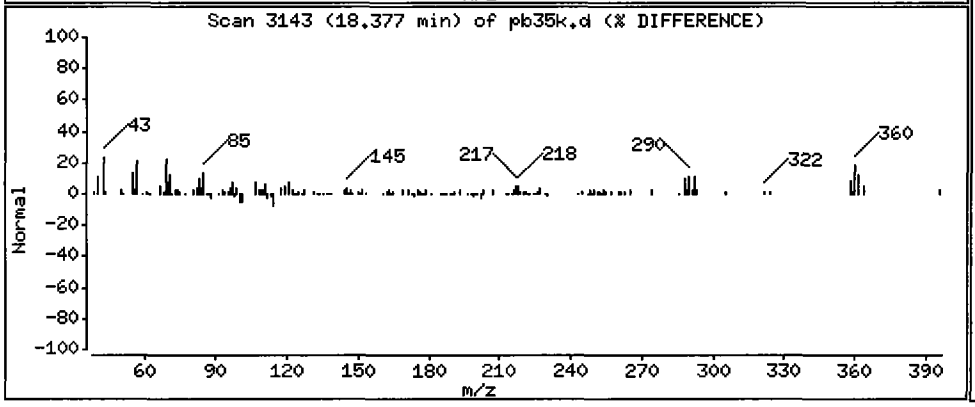












Data File: /chem1/nt6.i/20090615.b/pb35k.d

Date : 15-JUN-2009 19:33

Client ID: 3SED11-A

Instrument: nt6.i

Sample Info: PB35K

Volume Injected (uL): 1.0

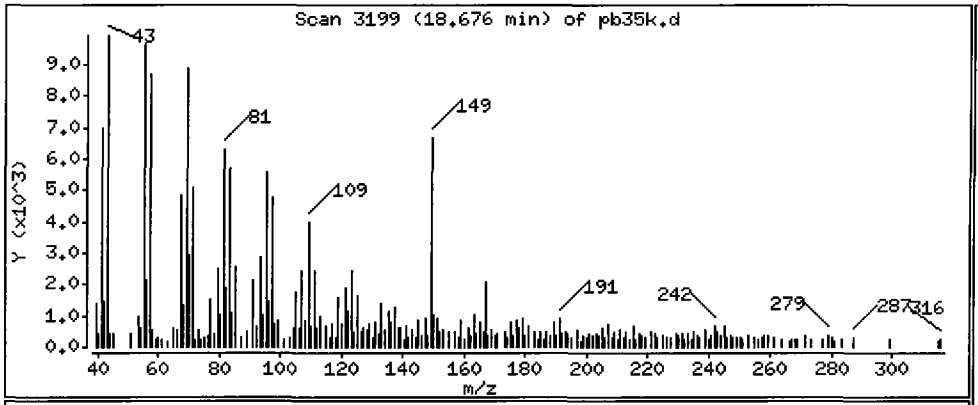
Operator: LJR/VTS

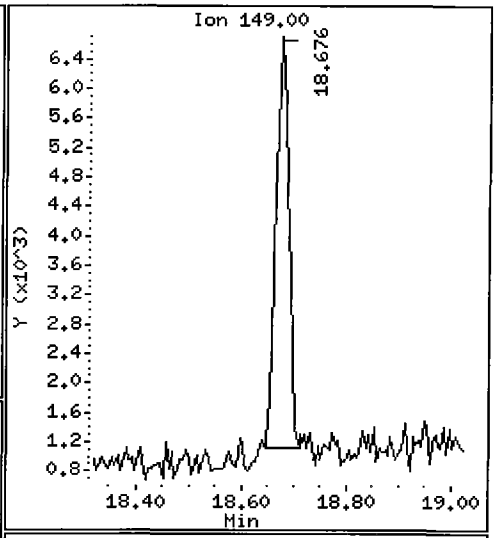
Column phase: ZB-5

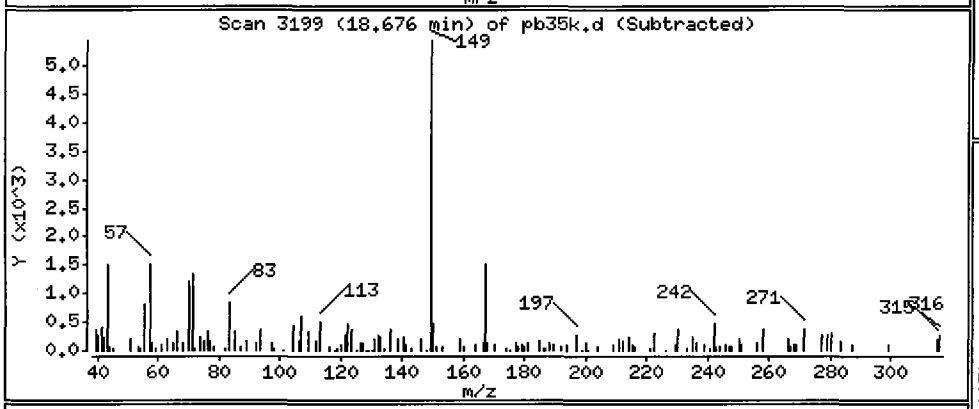
Column diameter: 0.32

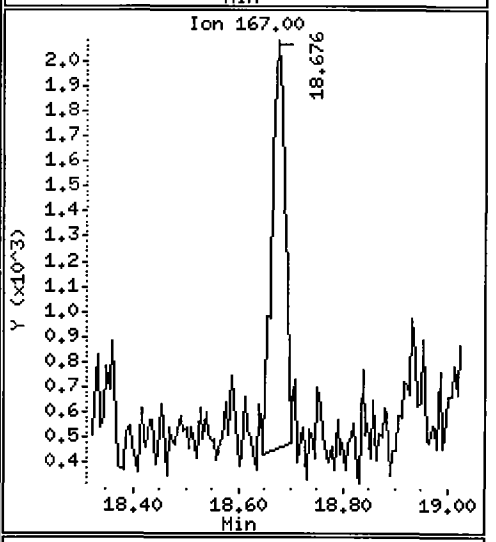
72 bis(2-Ethylhexyl)phthalate

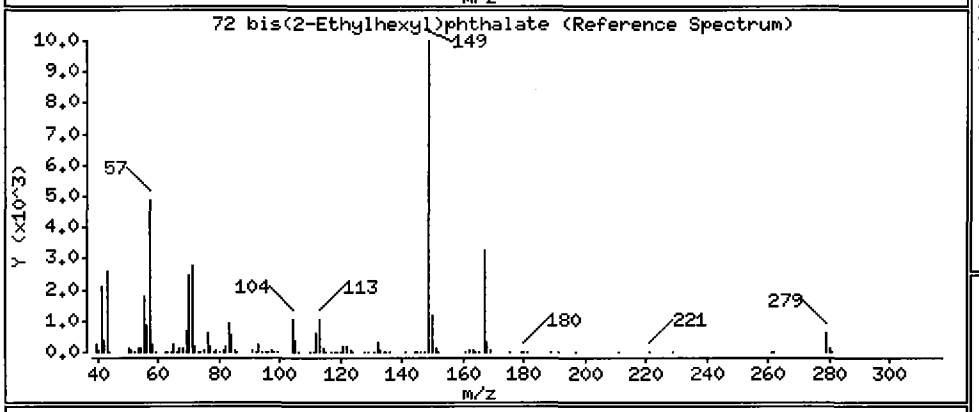
Concentration: 11.90 ug/kg

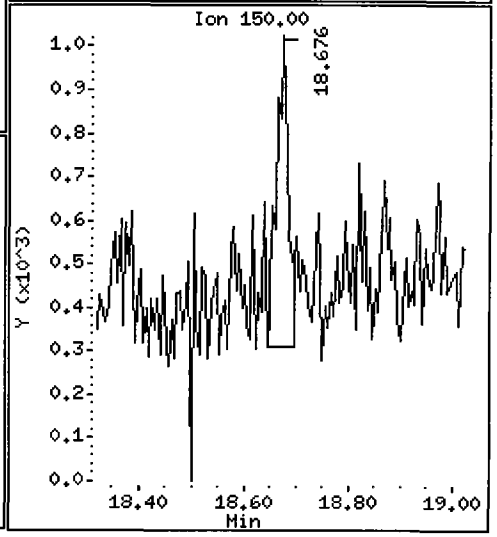


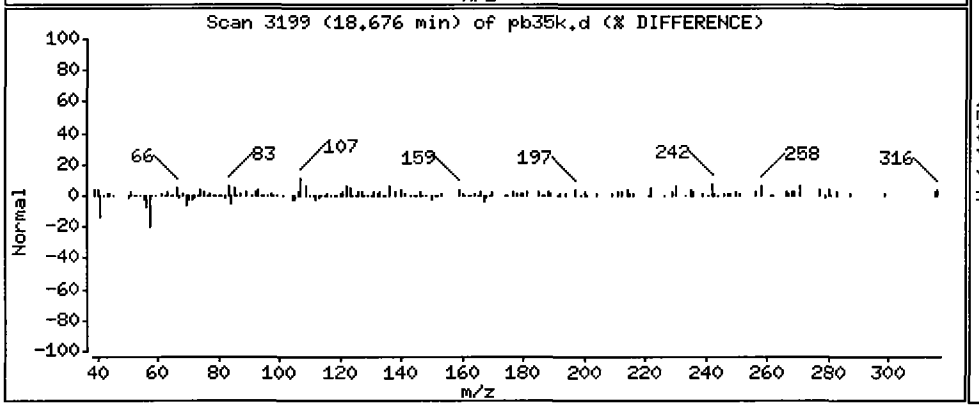












Data File: /chem1/nt6.i/20090615.b/pb35k.d

Date : 15-JUN-2009 19:33

Client ID: 3SED11-A

Instrument: nt6.i

Sample Info: PB35K

Volume Injected (uL): 1.0

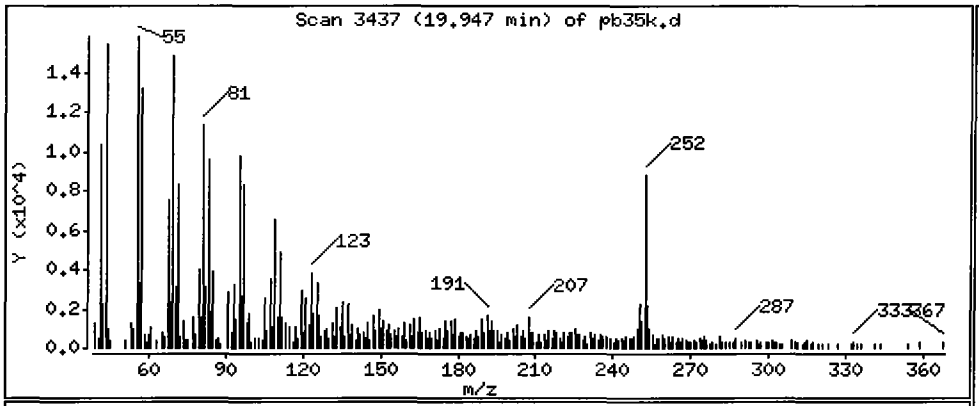
Operator: LJR/VTS

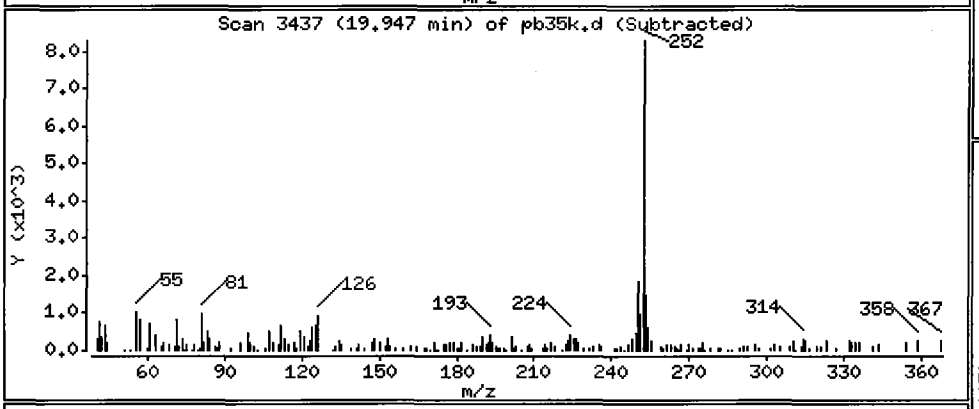
Column phase: ZB-5

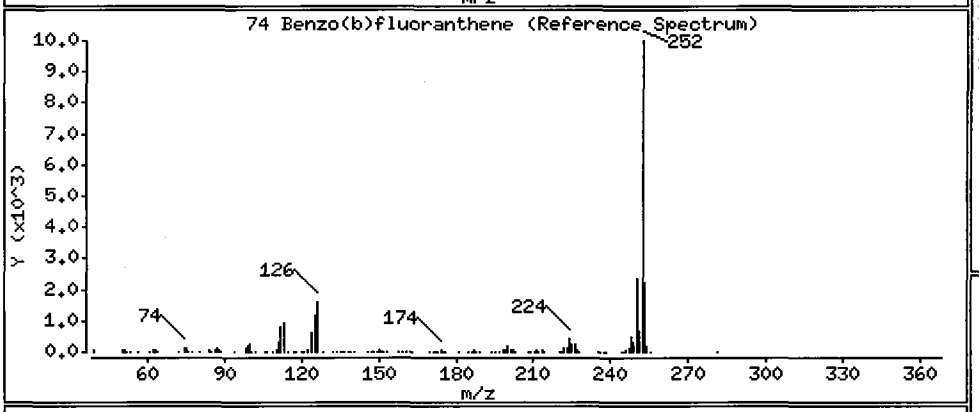
Column diameter: 0.32

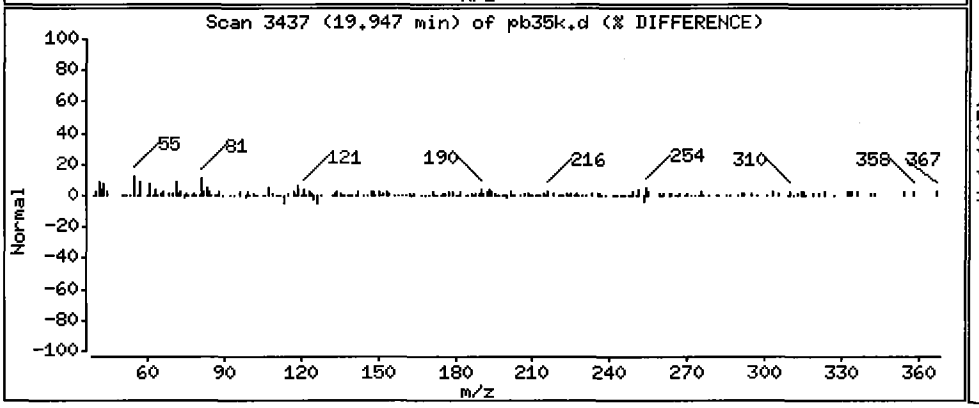
74 Benzo(b)fluoranthene

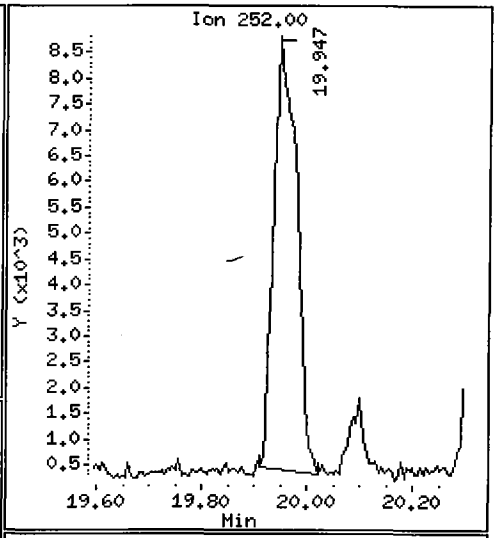
Concentration: 17.47 ug/kg

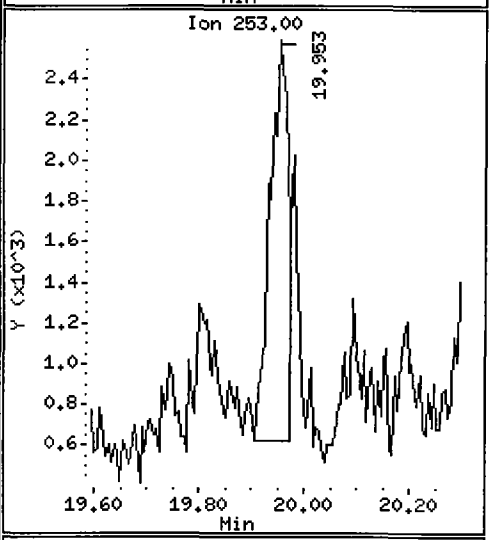


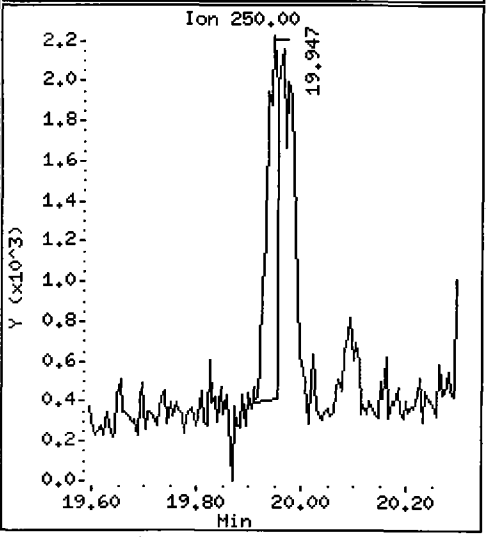












Data File: /chem1/nt6.i/20090615.b/pb35k.d

Date : 15-JUN-2009 19:33

Client ID: 3SED11-A

Instrument: nt6.i

Sample Info: PB35K

Volume Injected (uL): 1.0

Operator: LJR/VTS

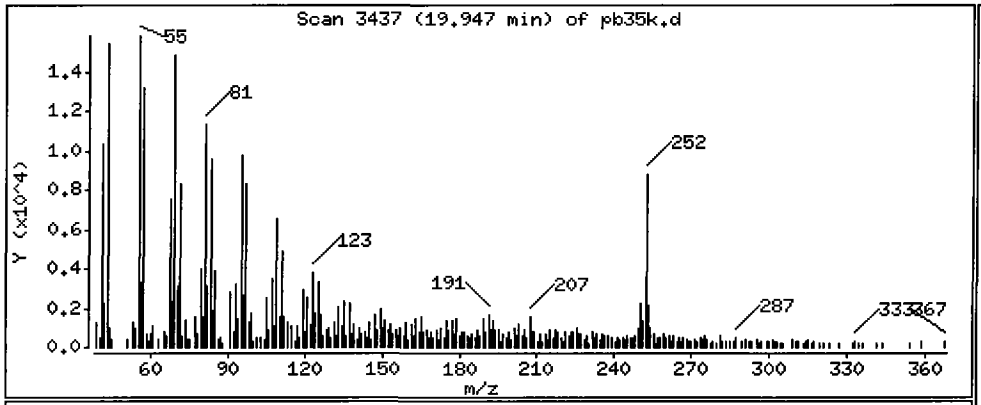
Column phase: ZB-5

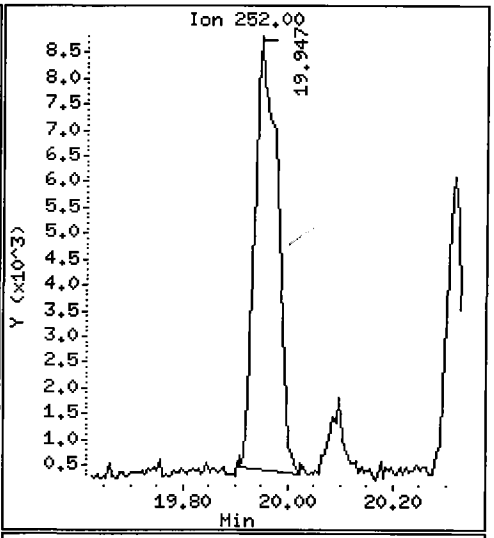
Column diameter: 0.32

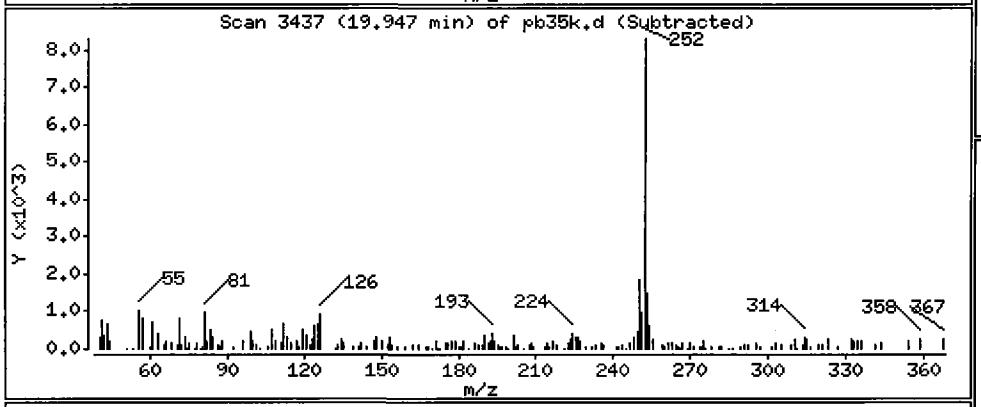
1/2 cmm

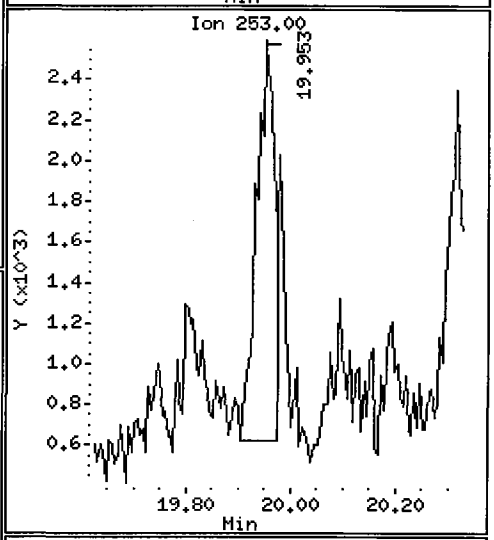
75 Benzo(k)fluoranthene

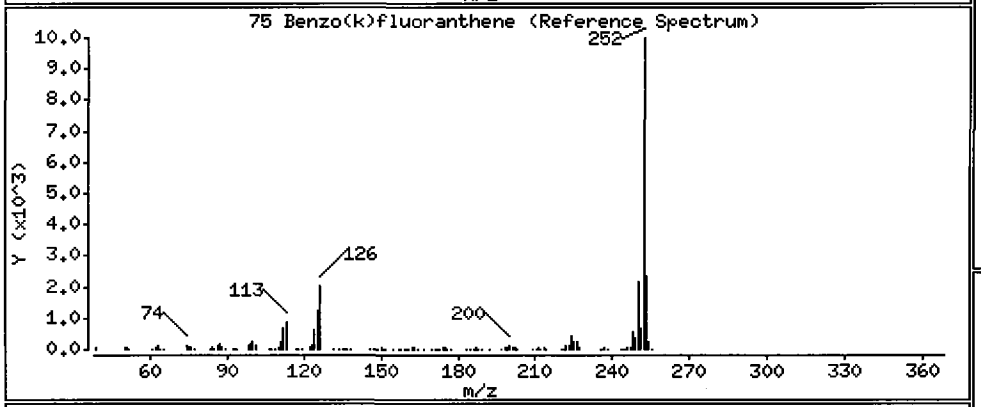
Concentration: 17.01 ug/kg

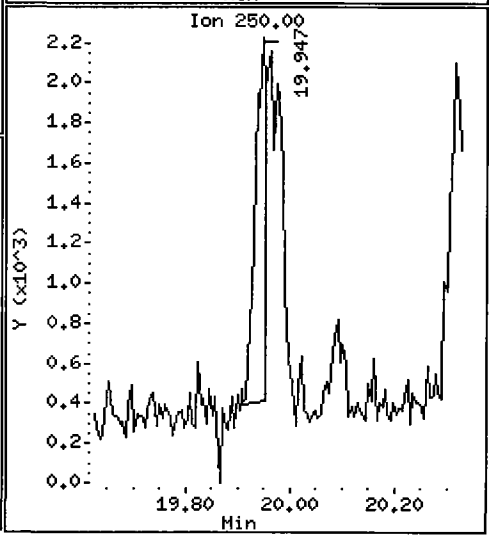


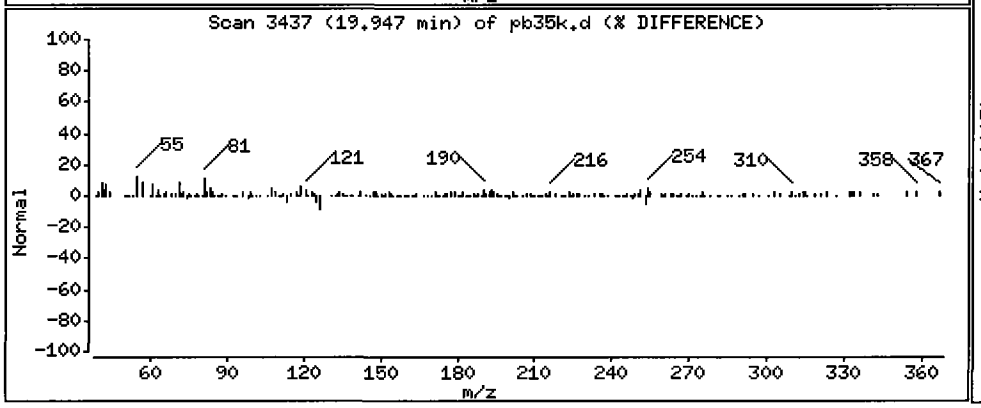












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED11-B
SAMPLE

Lab Sample ID: PB35M
LIMS ID: 09-12729
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 20:06
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**22**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**53**
129-00-0	**Pyrene**	**20**	**33**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**19 J**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**15 J**
218-01-9	**Chrysene**	**20**	**31**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**21**
207-08-9	**Benzo(k)fluoranthene**	**20**	**21**
50-32-8	**Benzo(a)pyrene**	**20**	**21**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**11 J**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**12 J**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	66.0%
d14-p-Terphenyl	58.0%	d4-1,2-Dichlorobenzene	53.6%
d5-Phenol	60.0%	2-Fluorophenol	58.4%
2,4,6-Tribromophenol	71.5%	d4-2-Chlorophenol	59.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35m.d
Lab Smp Id: PB35M Client Smp ID: 3SED11-B
Inj Date : 15-JUN-2009 20:06
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35M
Misc Info : 09-12729
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	40.20000	Weight of sample extracted (g)
M	36.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.815	4.782	(0.702)	178257	21.8610	428.9
$	2 Phenol-d5	99	6.593	6.534	(0.962)	245862	22.4533	440.5
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.572	6.555	(0.959)	149368	22.3857	439.2
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.855	6.849	(1.000)	98905	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.154	7.148	(1.044)	66090	13.4193	263.3
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	7.811	7.810	(0.876)	154430	14.6673	287.7
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	Compound Not Detected.					
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	8.917	8.916	(1.000)	342831	20.0000	
28	Naphthalene	128	Compound Not Detected.					
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	Compound Not Detected.					
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	10.733	10.732	(0.914)	224499	16.4808	323.3
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	11.747	11.747	(1.000)	183391	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	Compound Not Detected.					
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.035	13.034	(1.110)	46934	26.8405	526.6
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.081	14.081	(1.000)	282229	20.0000	
60	Phenanthrene	178	14.119	14.118	(1.003)	20231	1.12936	22.16
61	Anthracene	178	Compound Not Detected.					
62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.031	16.025	(1.138)	48974	2.67781	52.53
65	Pyrene	202	16.362	16.361	(0.892)	45595	1.68121	32.98
$ 66	Terphenyl-d14	244	16.736	16.730	(0.912)	253635	14.5058	284.6
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.317	18.311	(0.999)	23572	0.97558 LDL	19.14
* 69	Chrysene-d12	240	18.344	18.338	(1.000)	327367	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.370	18.375	(1.001)	36582	1.58122	31.02
72	bis(2-Ethylhexyl)phthalate	149	18.675	18.674	(0.953)	11319	0.77553 LDL	15.21(M)
* 134	Di-n-octylphthalate-d4	153	19.604	19.603	(1.000)	470586	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.946	19.945	(0.975)	58045	2.14766 >T	42.13(M) 1.060
75	Benzo(k)fluoranthene	252	19.946	19.977	(0.975)	58044	2.09093	41.02(M) 1.060
76	Benzo(a)pyrene	252	20.384	20.378	(0.996)	26392	1.07873	21.16
* 77	Perylene-d12	264	20.464	20.453	(1.000)	372963	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	21.805	21.799	(1.065)	17818	0.54632 LDL	10.72
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	22.093	22.087	(1.080)	17595	0.61729	12.11
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35m.d
Lab Smp Id: PB35M
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12729

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED11-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	98905	-12.00
27 Naphthalene-d8	384492	192246	768984	342831	-10.84
42 Acenaphthene-d10	217478	108739	434956	183391	-15.67
59 Phenanthrene-d10	336594	168297	673188	282229	-16.15
69 Chrysene-d12	247160	123580	494320	327367	32.45
134 Di-n-octylphthala	347036	173518	694072	470586	35.60
77 Perylene-d12	232938	116469	465876	372963	60.11

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.09
27 Naphthalene-d8	8.92	8.42	9.42	8.92	0.01
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.01
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	0.00
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.03
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	0.00
77 Perylene-d12	20.45	19.95	20.95	20.46	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35M
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12729

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED11-B
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

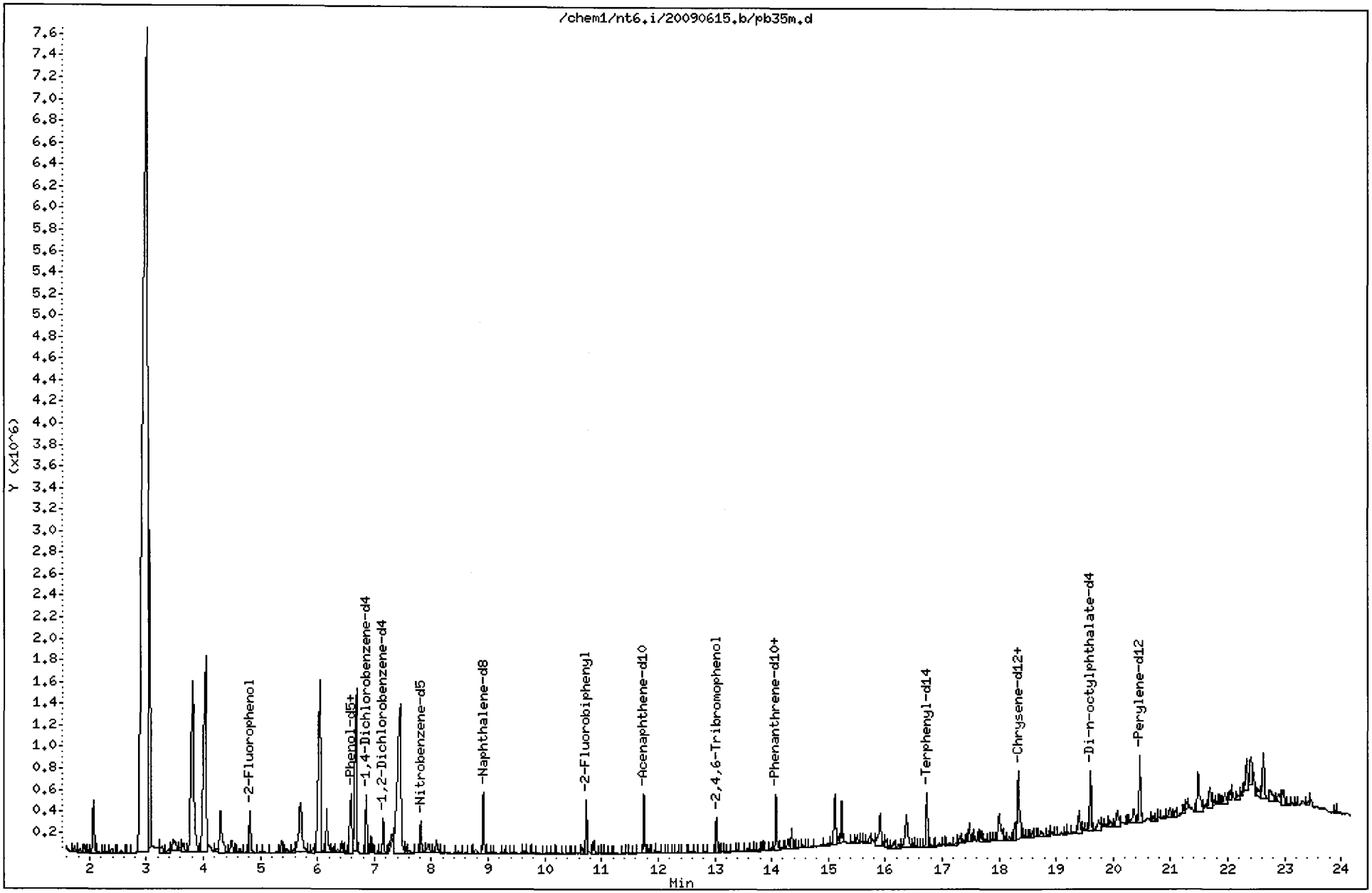
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	735.7	428.9	58.30	21-100
$ 2 Phenol-d5	735.7	440.5	59.88	10-100
$ 5 2-Chlorophenol-d4	735.7	439.2	59.70	30-100
$ 10 1,2-Dichlorobenzen	490.4	263.3	53.68	24-100
$ 18 Nitrobenzene-d5	490.4	287.7	58.67	26-100
$ 36 2-Fluorobiphenyl	490.4	323.3	65.92	32-100
$ 55 2,4,6-Tribromophen	735.7	526.6	71.57	33-118
$ 66 Terphenyl-d14	490.4	284.6	58.02	21-97

Data File: /chem1/nt6.i/20090615.b/pb35m.d
Date : 15-JUN-2009 20:06
Client ID: 3SED11-B
Sample Info: PB35M
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

PB35 : 006282



Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

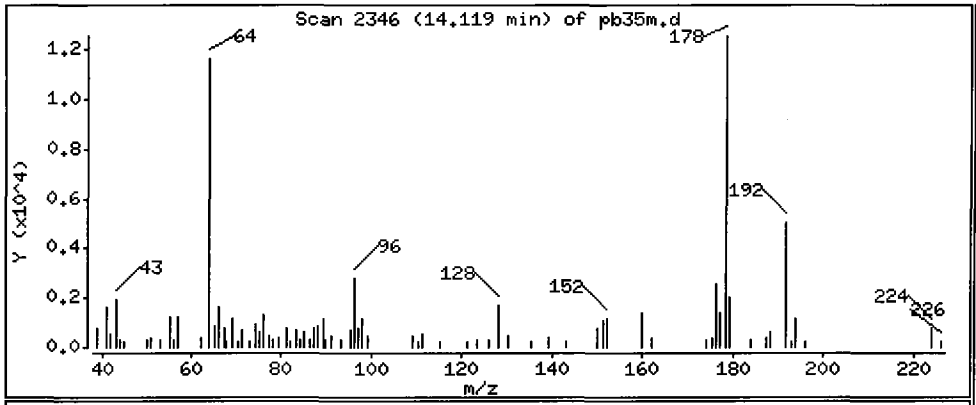
Operator: LJR/VTS

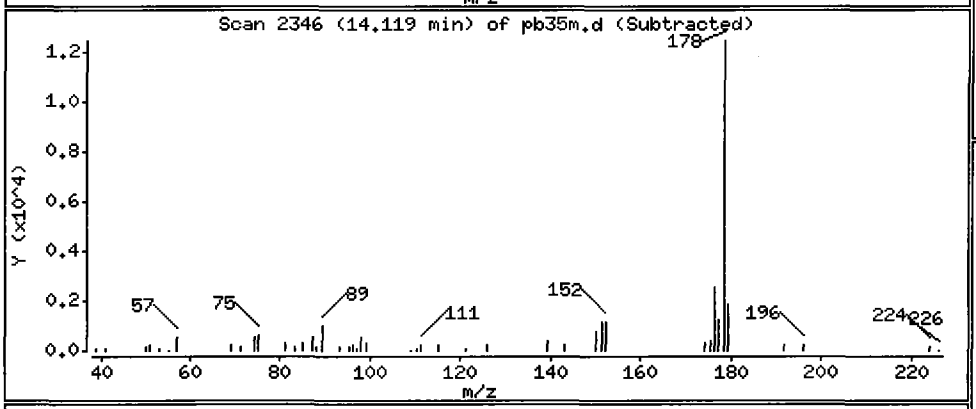
Column phase: ZB-5

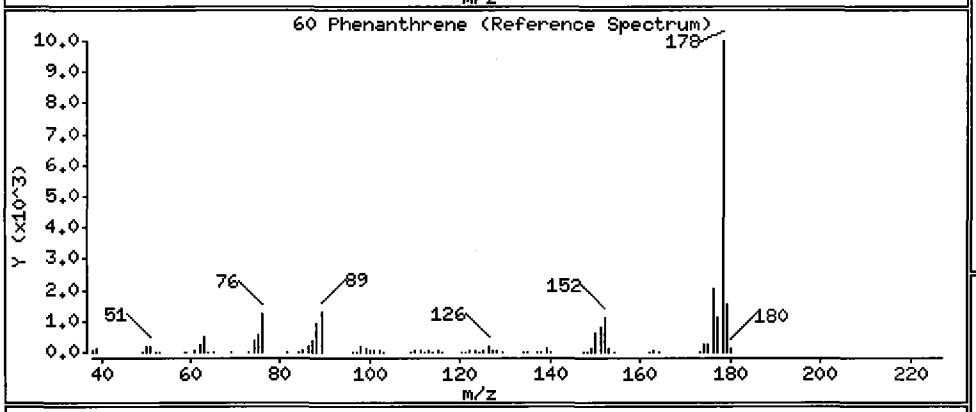
Column diameter: 0.32

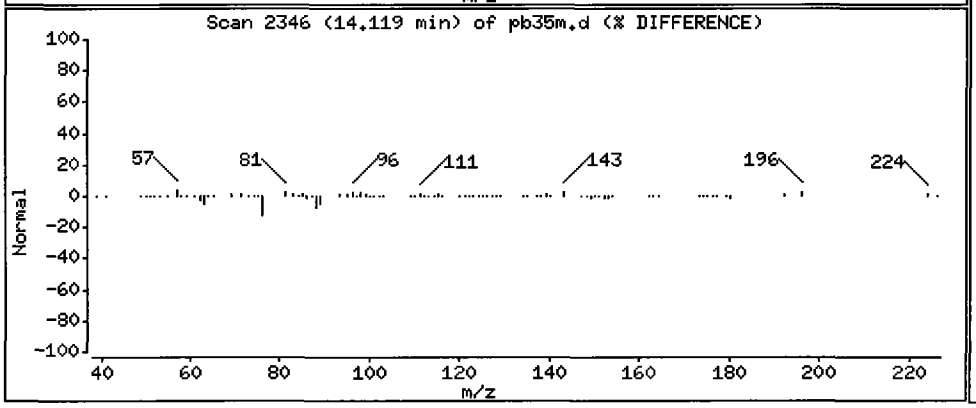
60 Phenanthrene

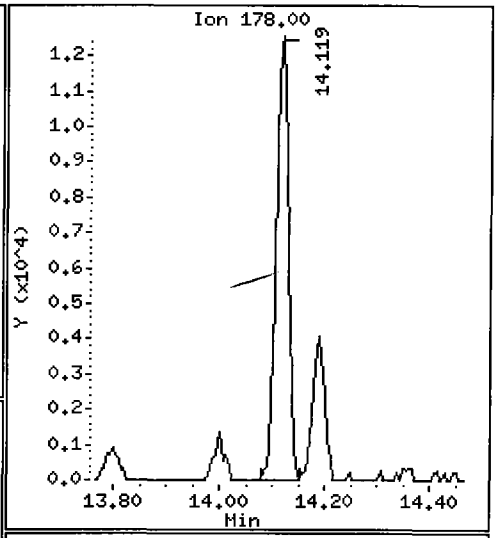
Concentration: 22.16 ug/kg

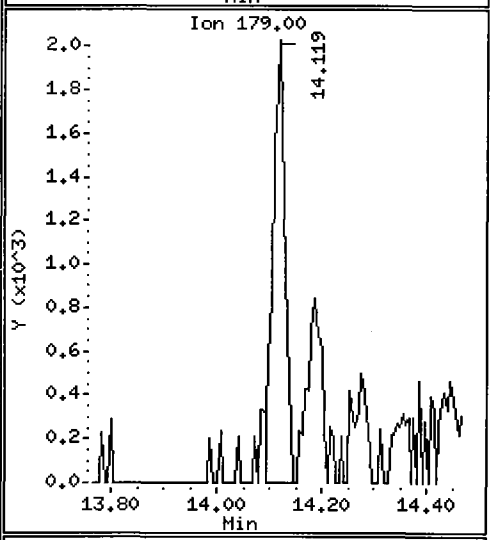


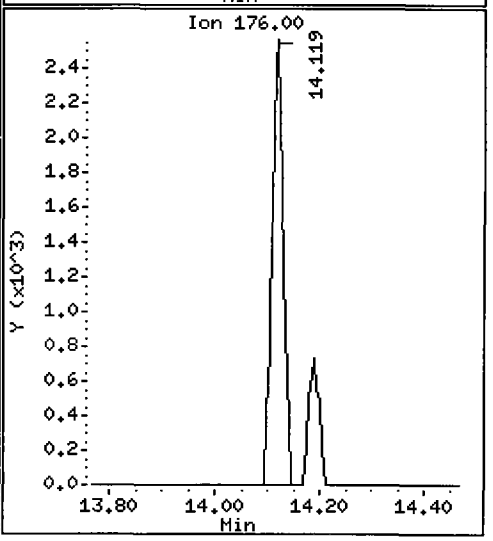












Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

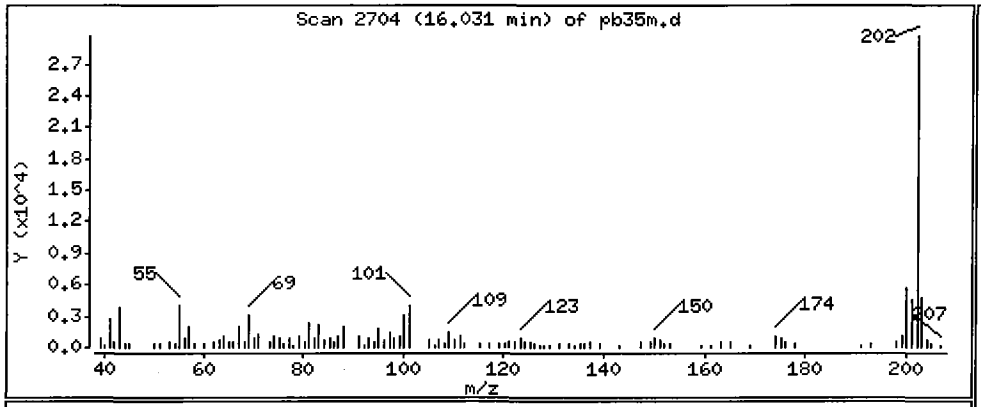
Operator: LJR/VTS

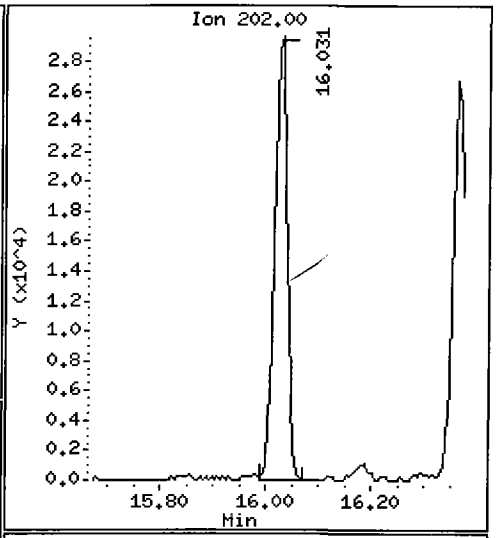
Column phase: ZB-5

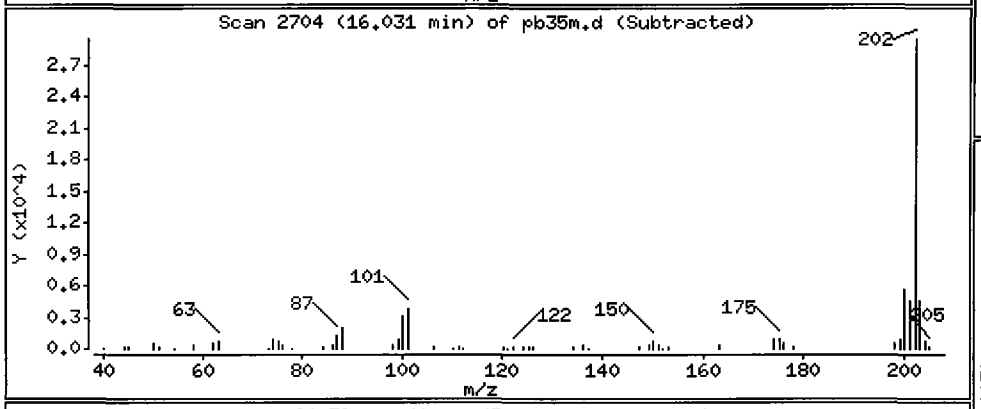
Column diameter: 0.32

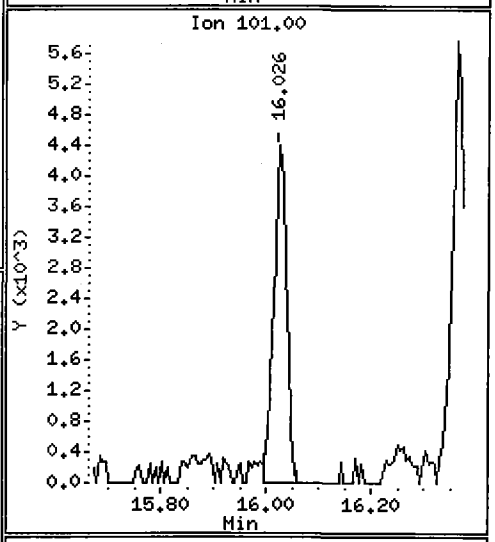
64 Fluoranthene

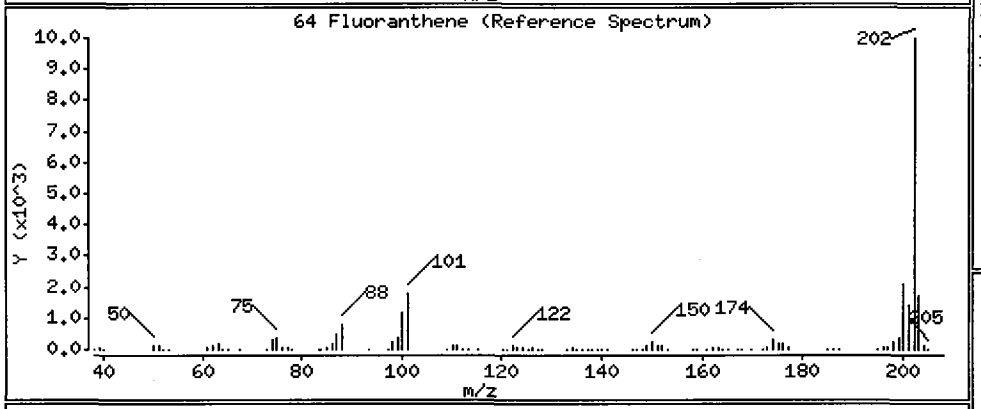
Concentration: 52.53 ug/kg

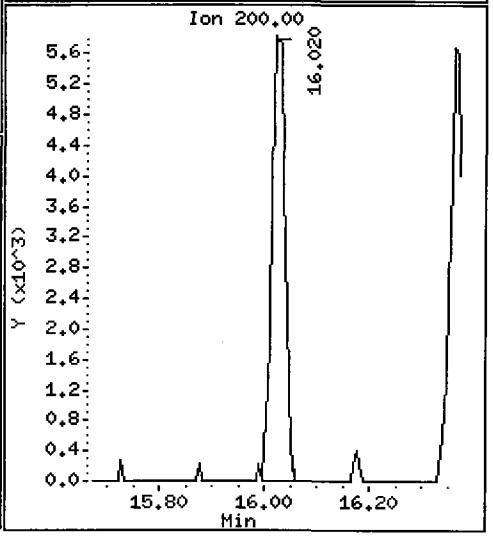


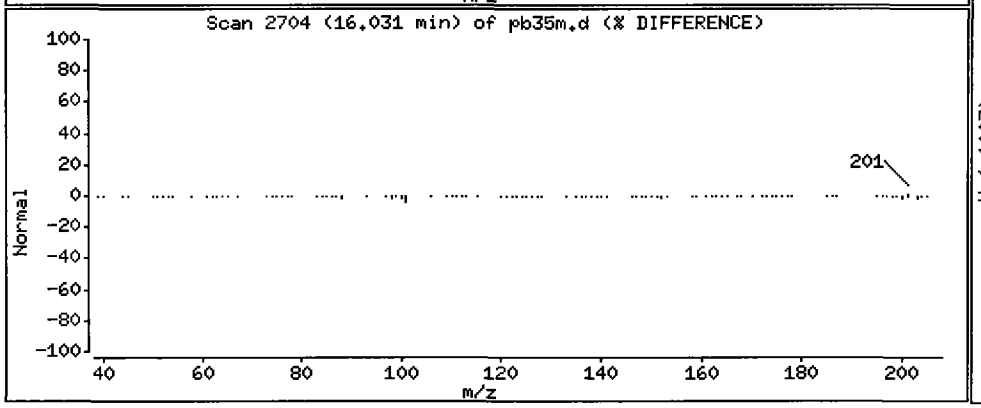












Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

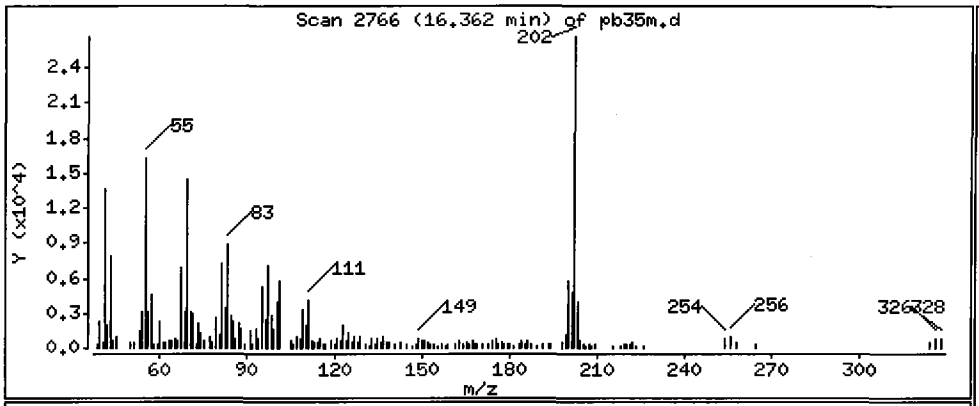
Operator: LJR/VTS

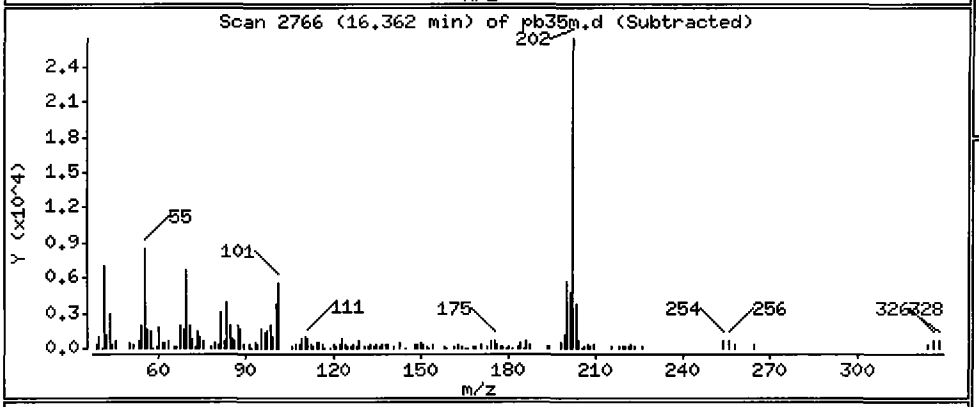
Column phase: ZB-5

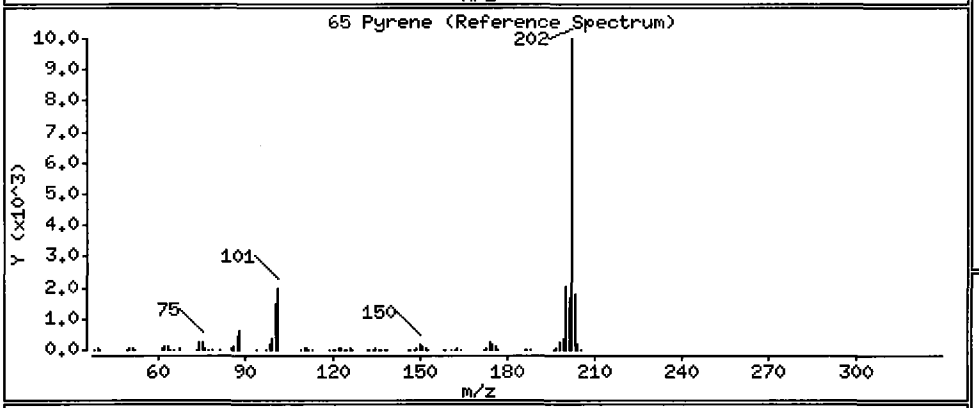
Column diameter: 0.32

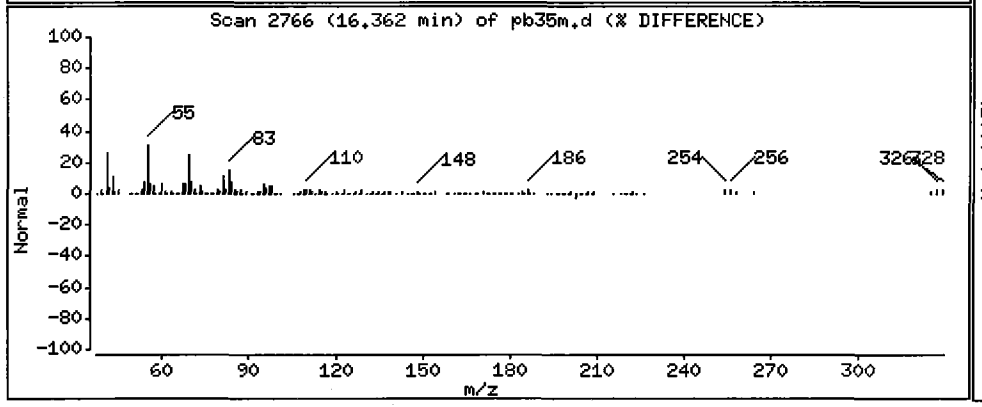
65 Pyrene

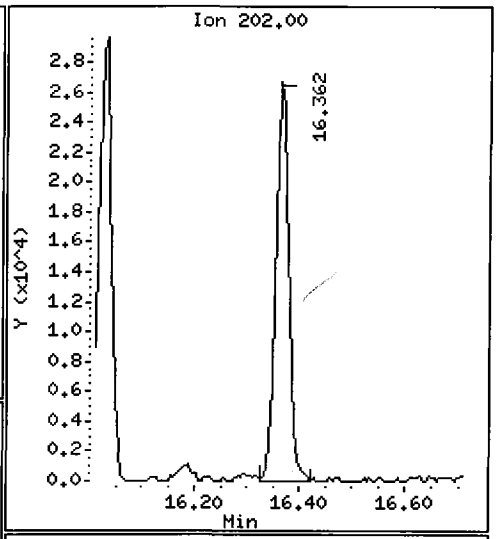
Concentration: 32.98 ug/kg

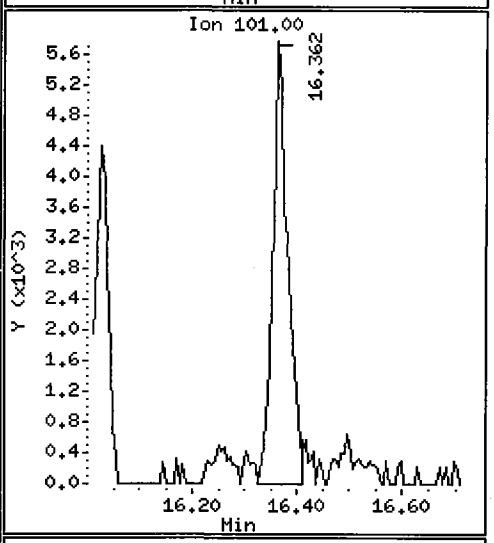


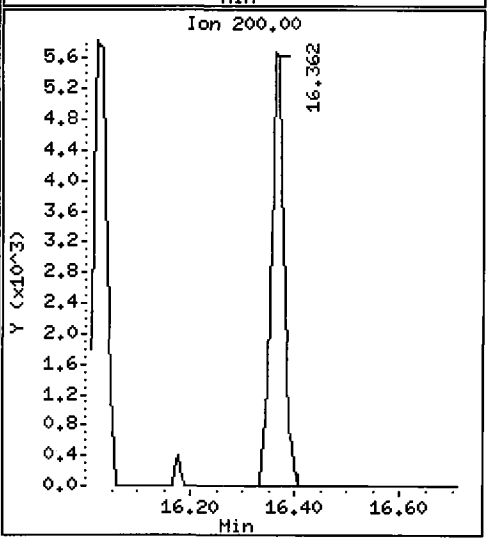












Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

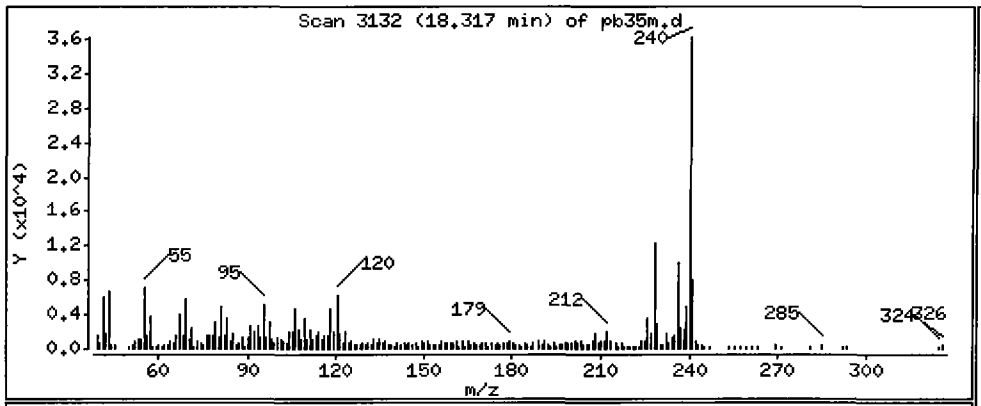
Operator: LJR/VTS

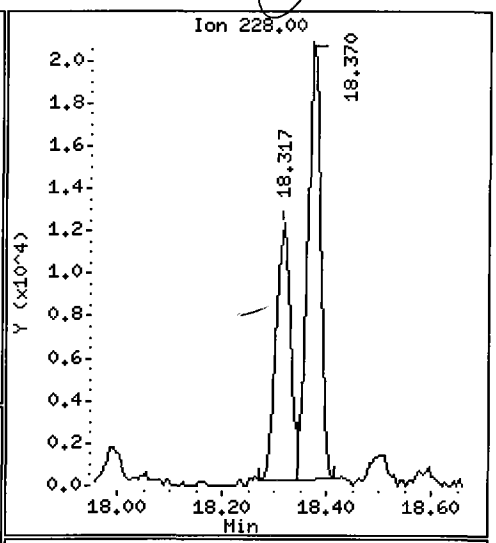
Column phase: ZB-5

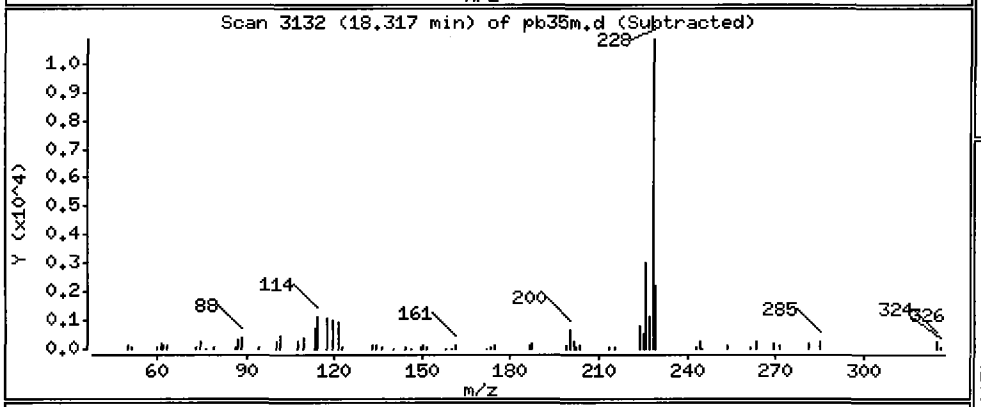
Column diameter: 0.32

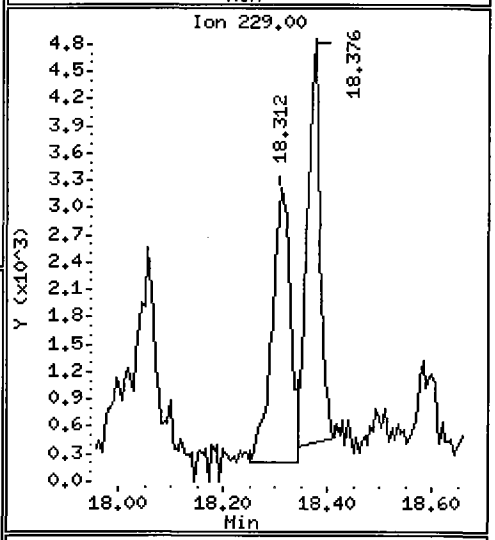
68 Benzo(a)anthracene

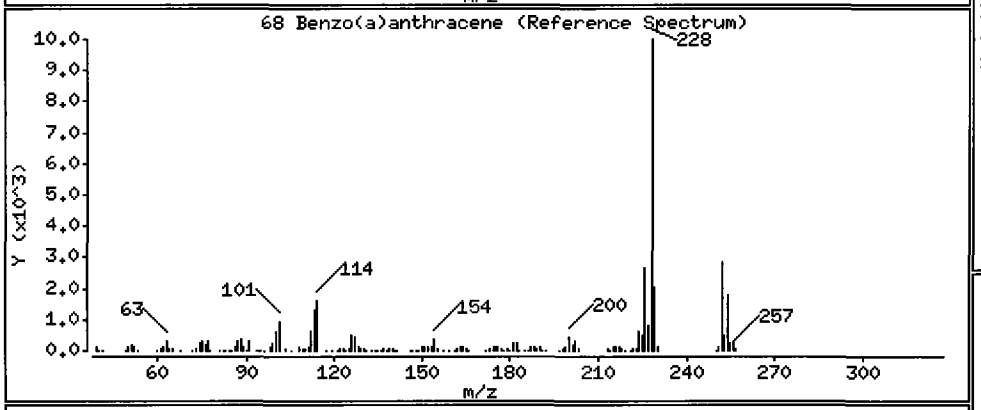
Concentration: 19.14 ug/kg

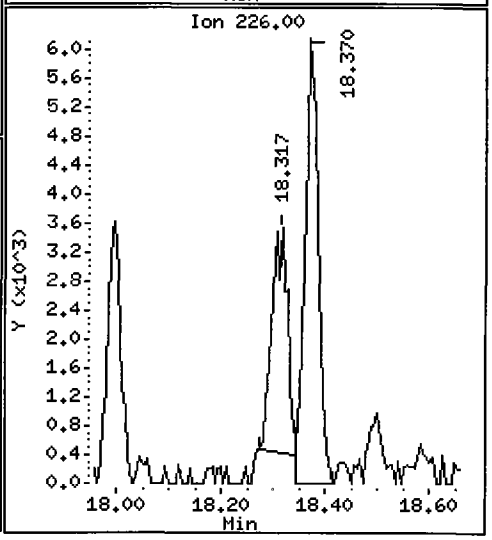


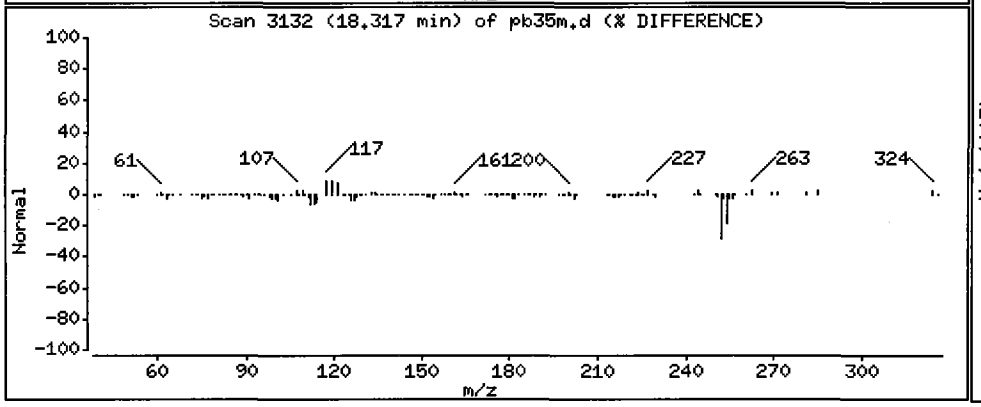












Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

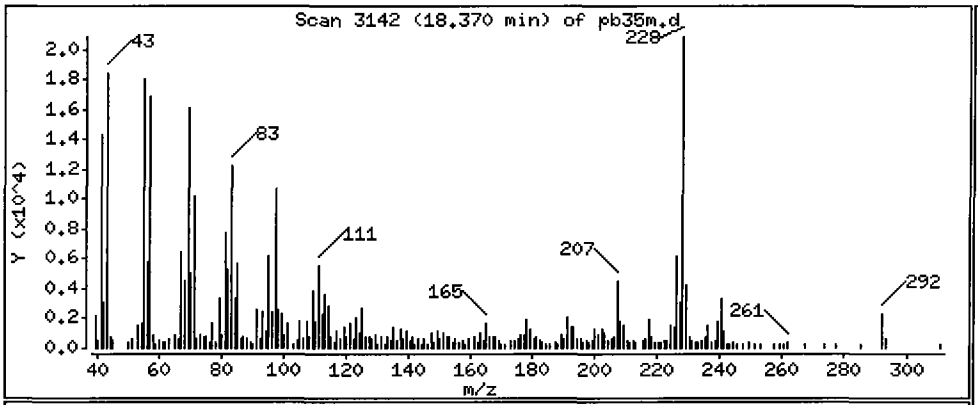
Operator: LJR/VTS

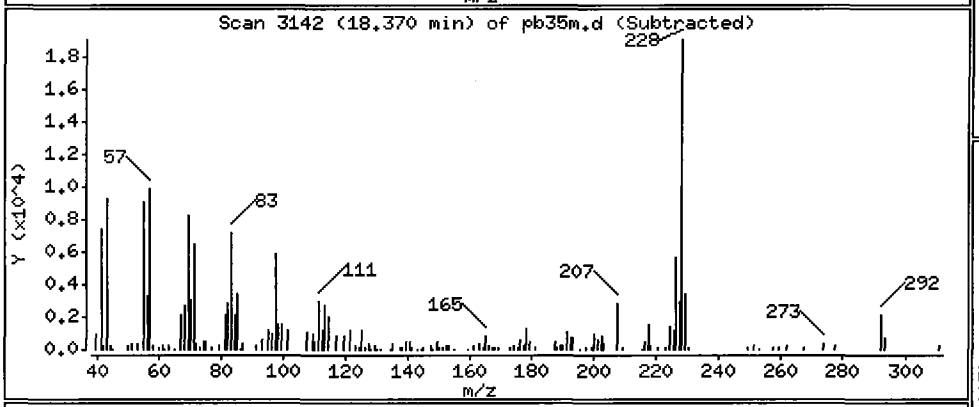
Column phase: ZB-5

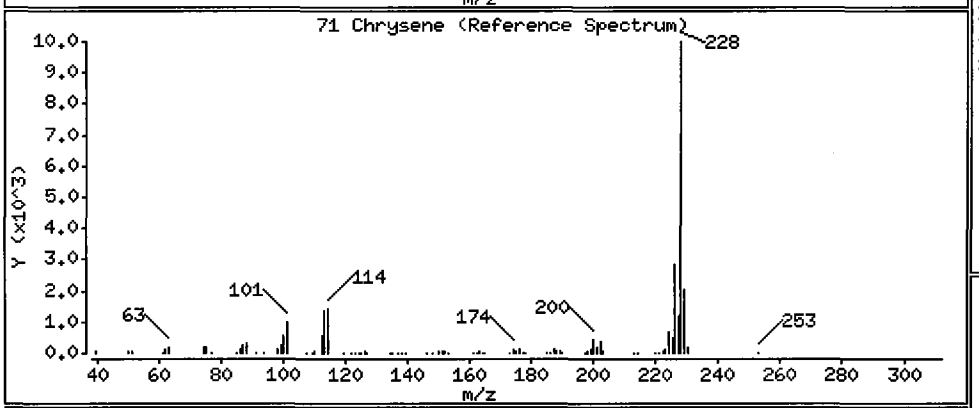
Column diameter: 0.32

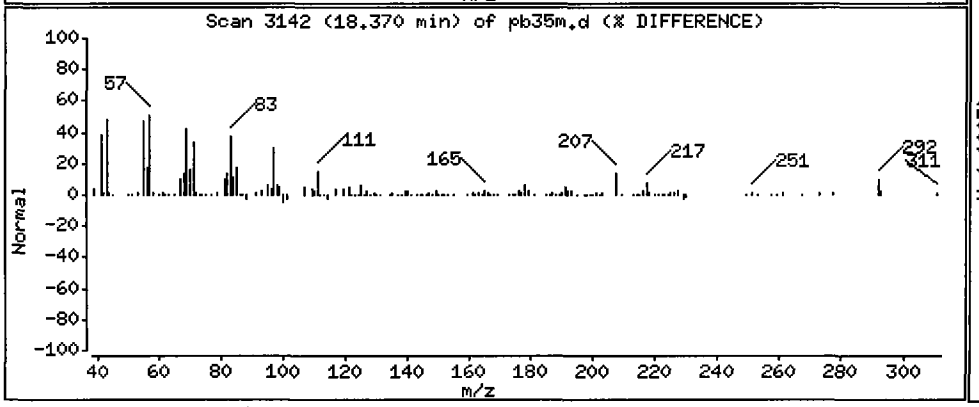
71 Chrysene

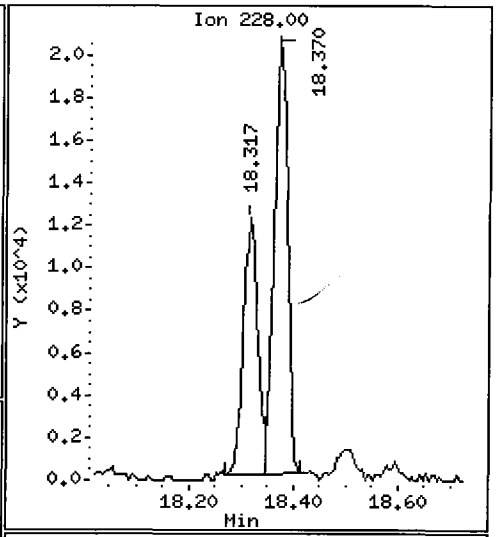
Concentration: 31.02 ug/kg

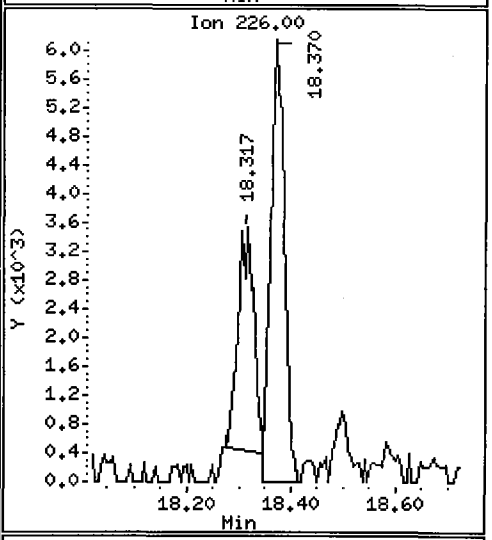


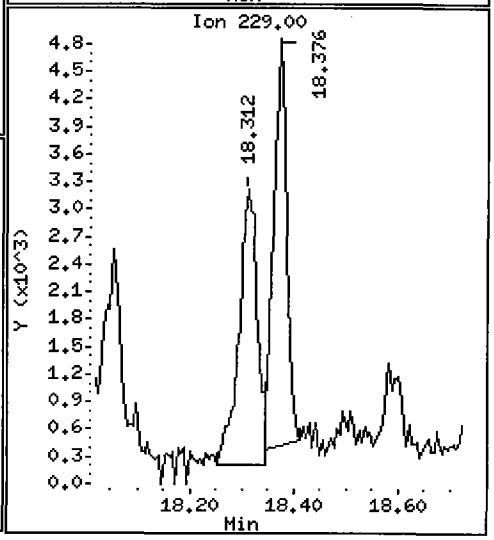












Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

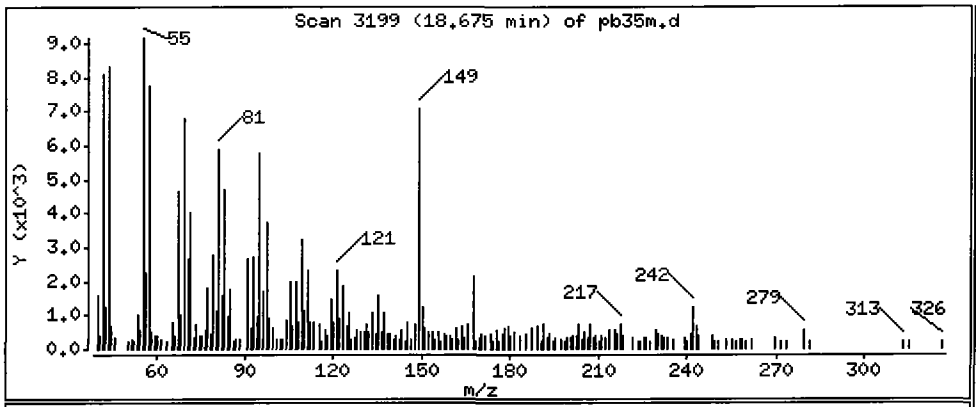
Operator: LJR/VTS

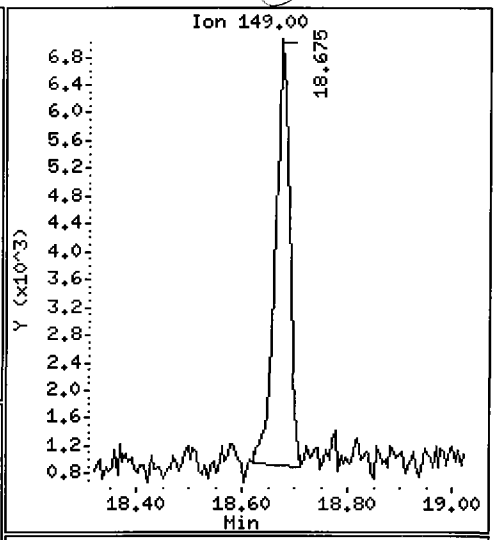
Column phase: ZB-5

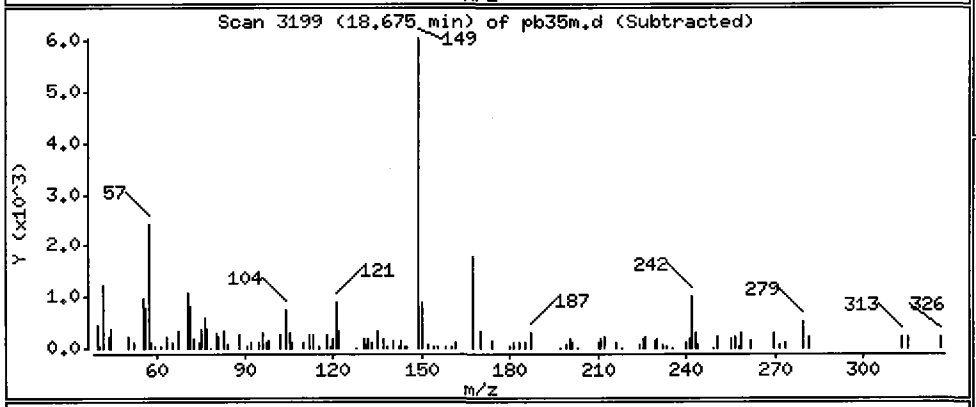
Column diameter: 0.32

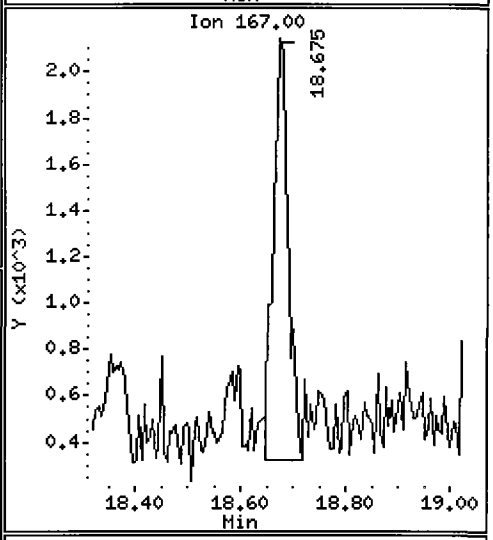
72 bis(2-Ethylhexyl)phthalate

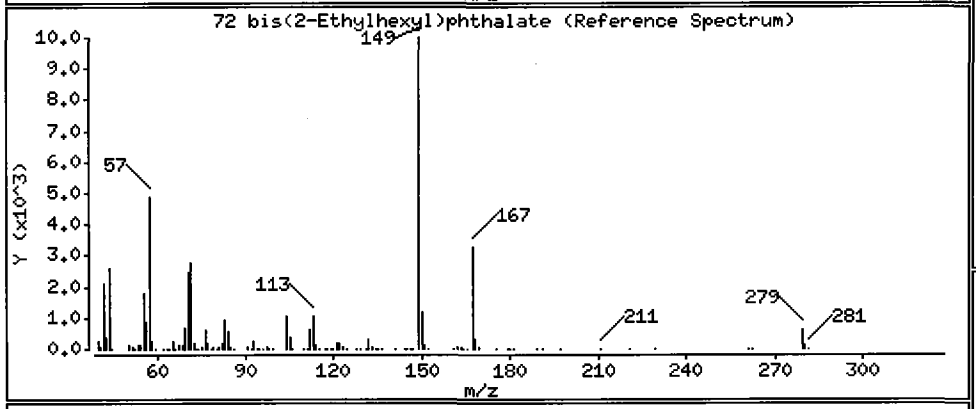
Concentration: 15.21 ug/kg

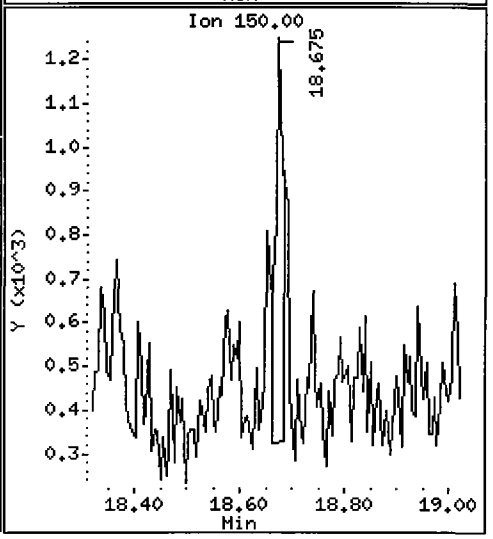


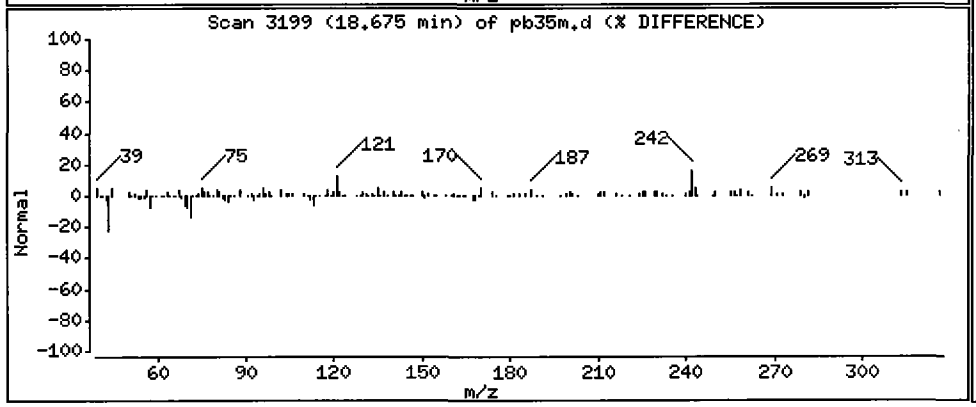












Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

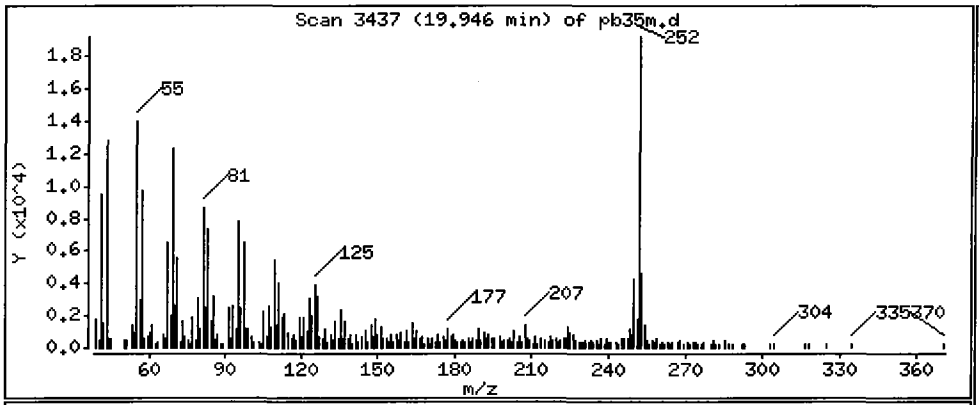
Operator: LJR/VTS

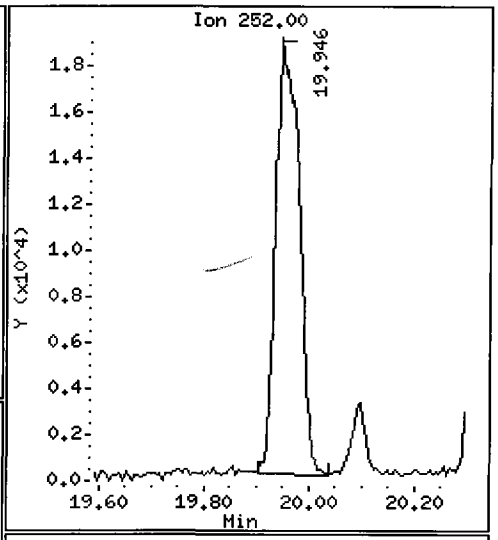
Column phase: ZB-5

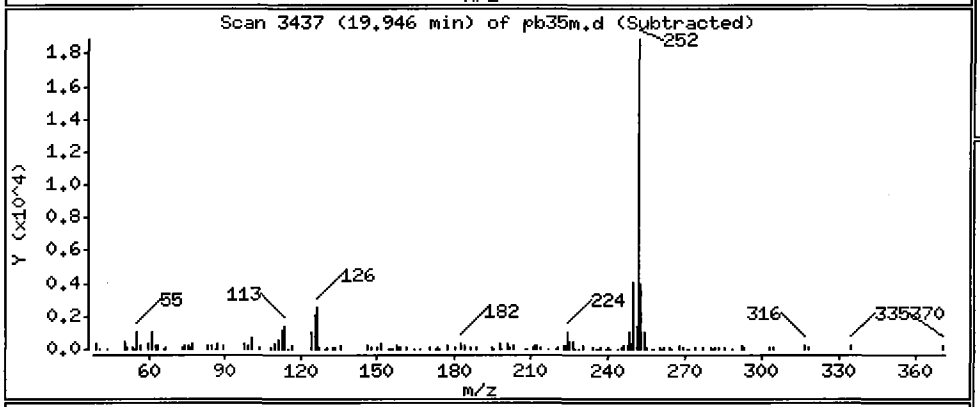
Column diameter: 0.32

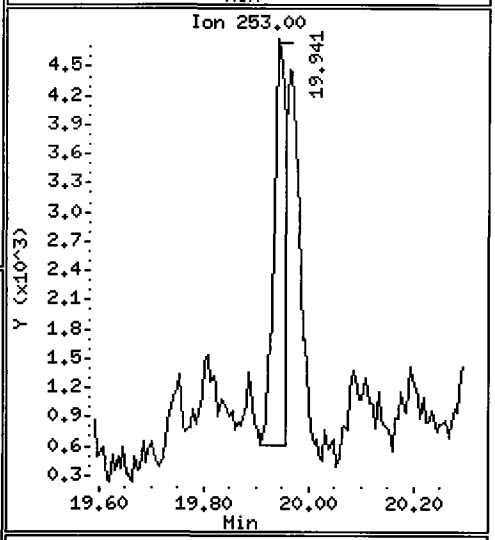
74 Benzo(b)fluoranthene

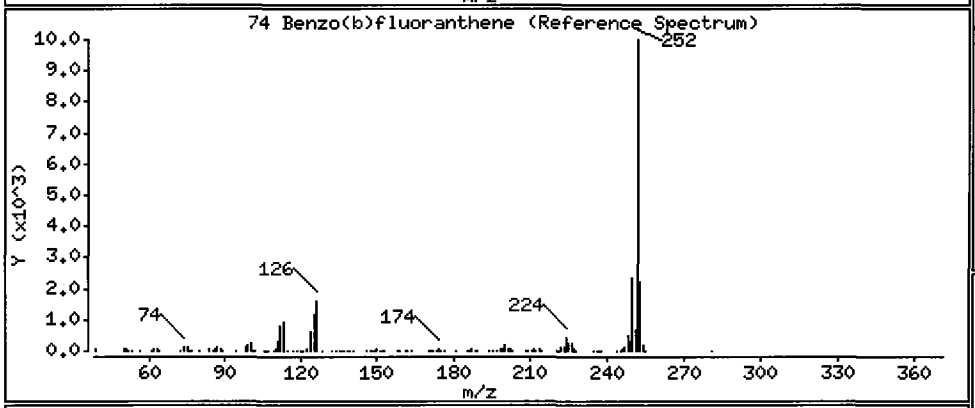
Concentration: 42.13 ug/kg

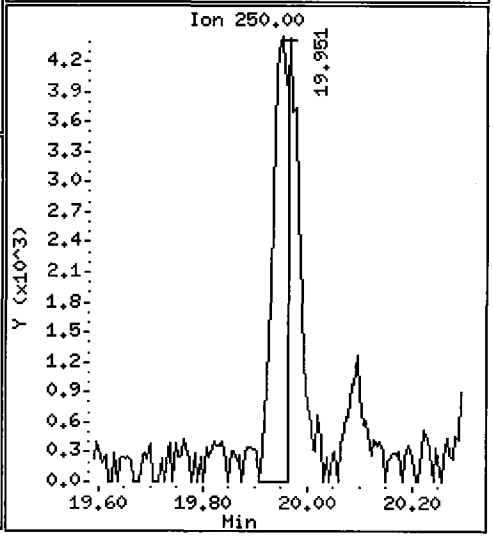


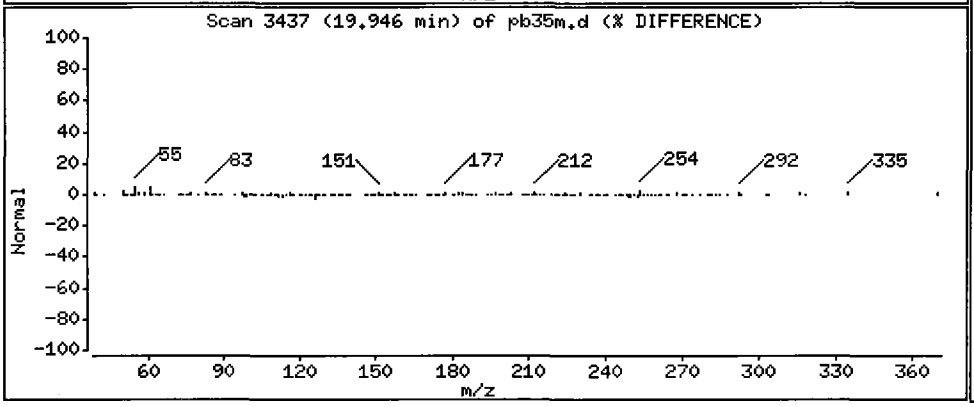












Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

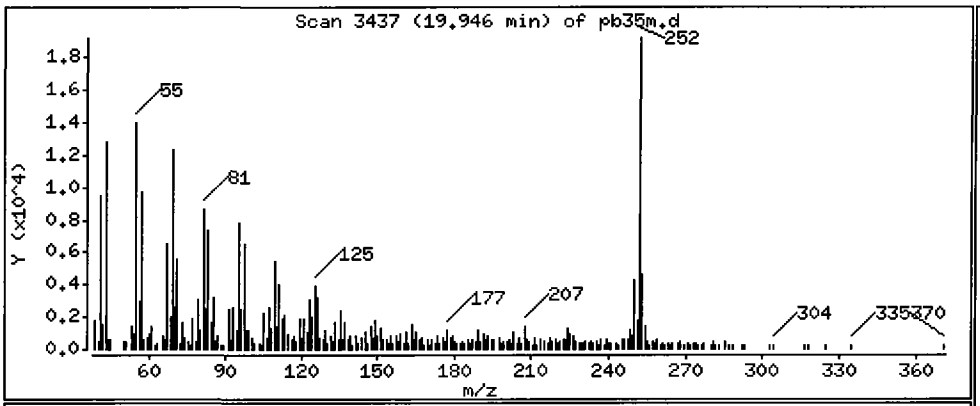
Operator: LJR/VTS

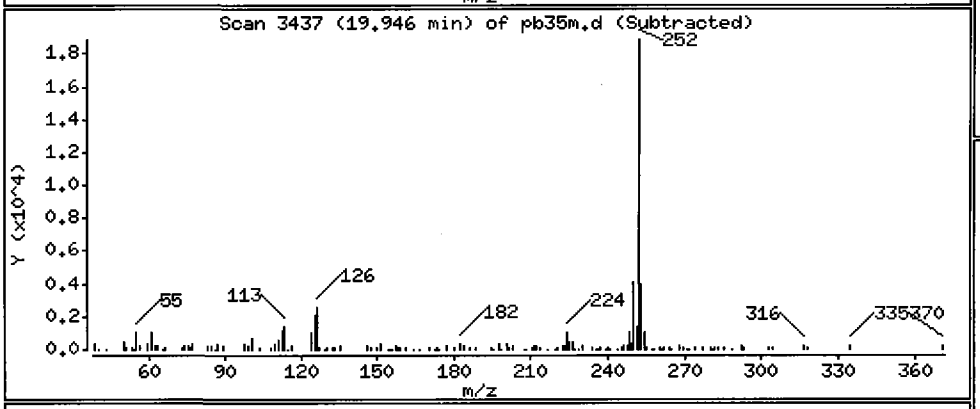
Column phase: ZB-5

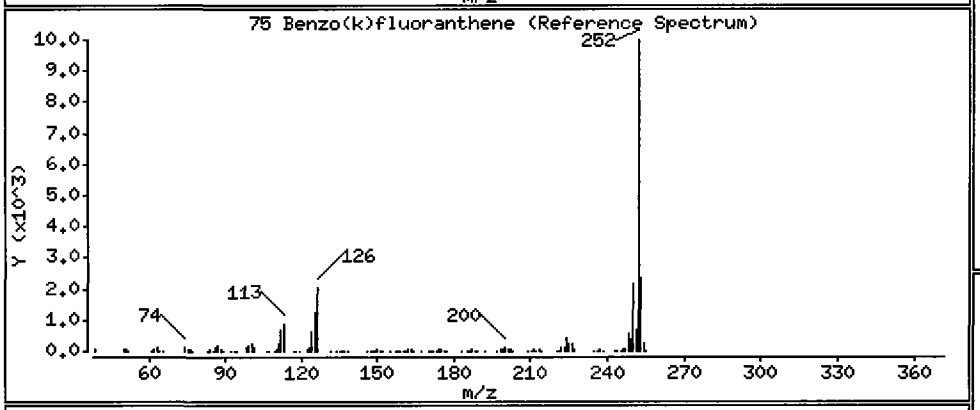
Column diameter: 0.32

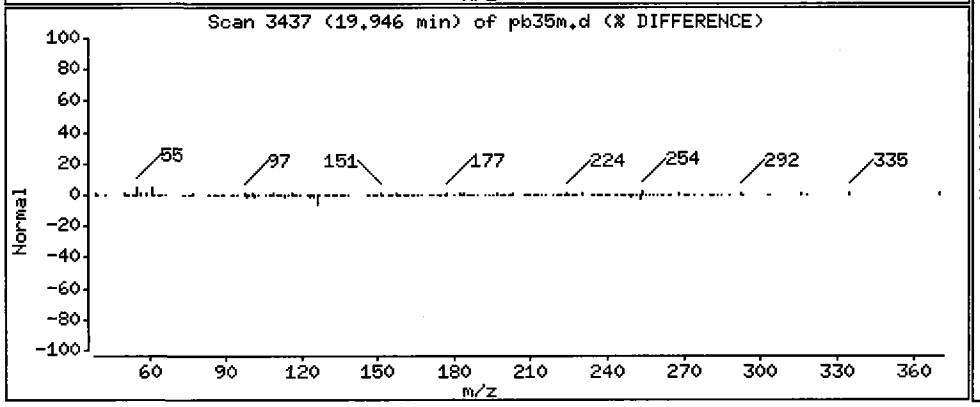
75 Benzo(k)fluoranthene

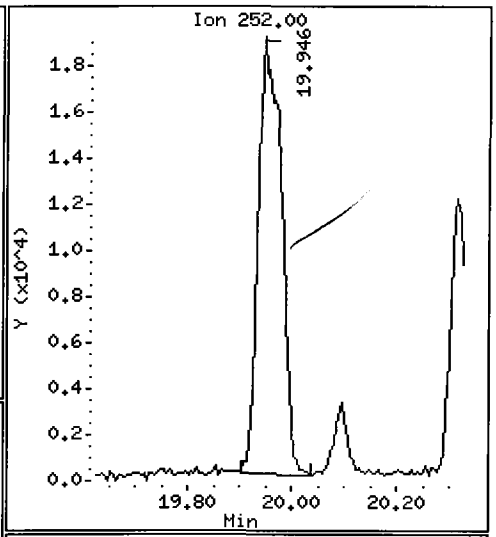
Concentration: 41.02 ug/kg

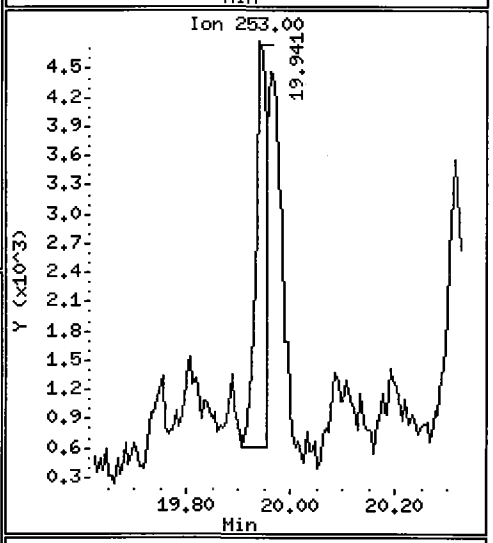


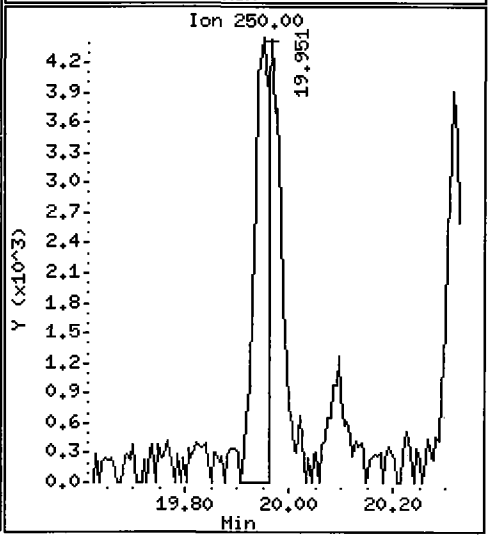












Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

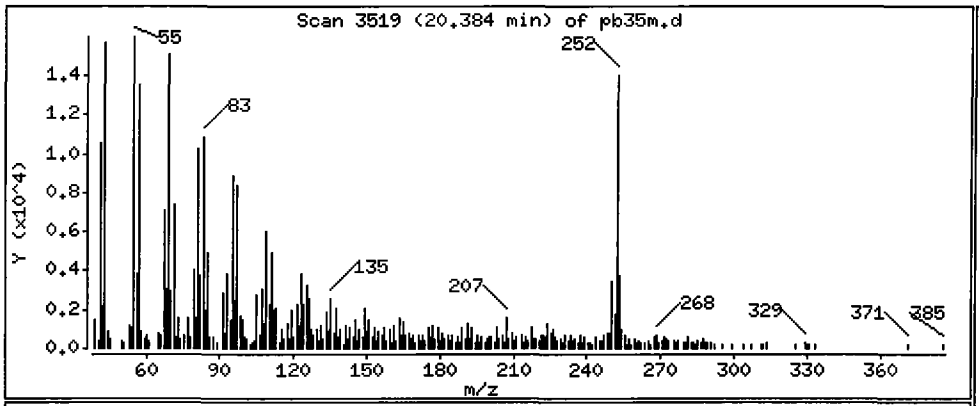
Operator: LJR/VTS

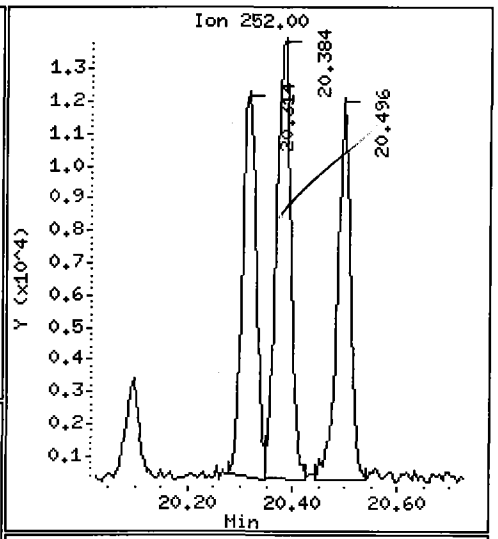
Column phase: ZB-5

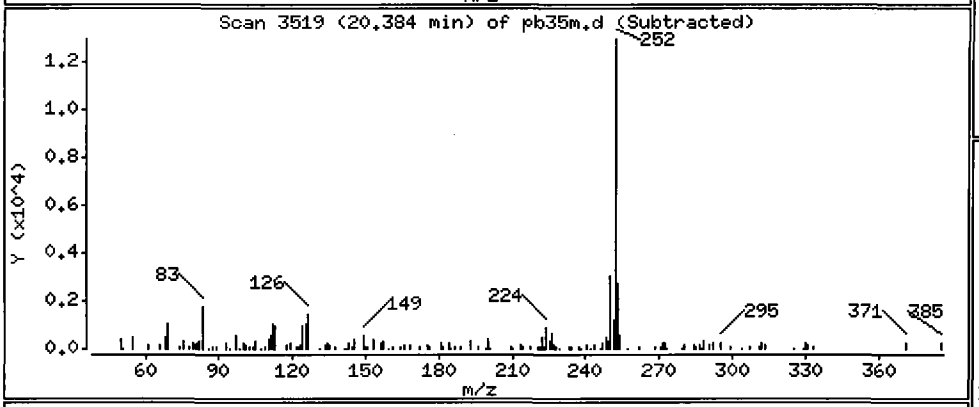
Column diameter: 0.32

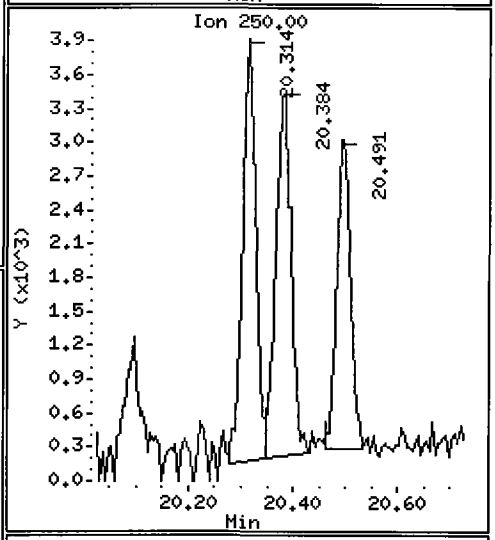
76 Benzo(a)pyrene

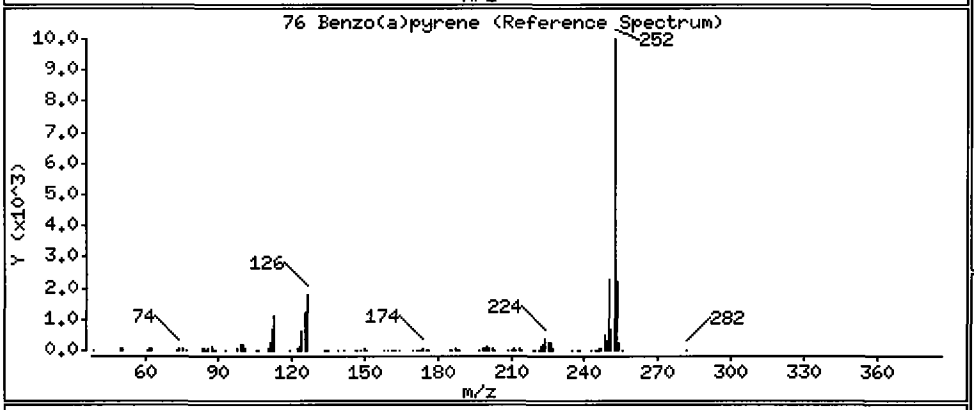
Concentration: 21.16 ug/kg

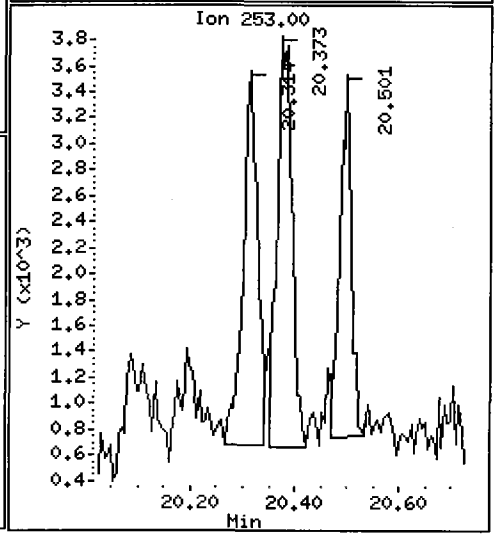


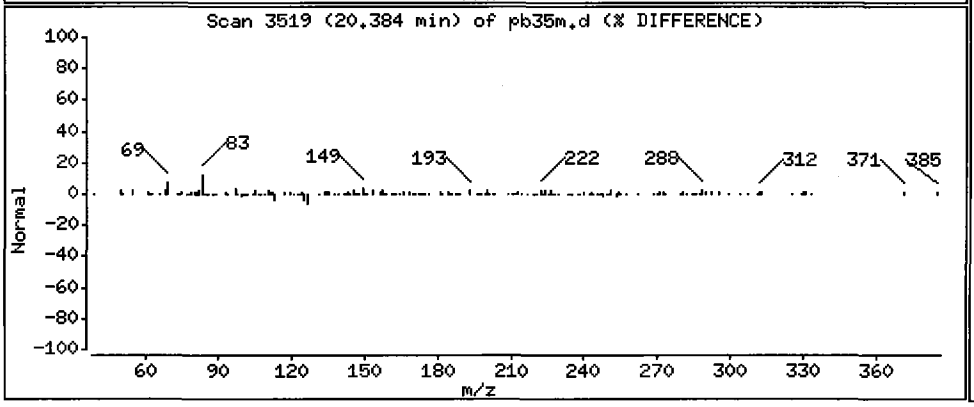












Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

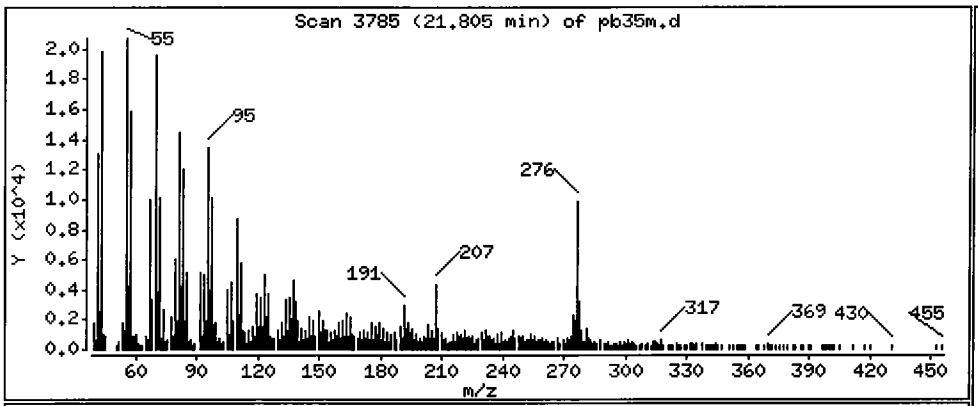
Operator: LJR/VTS

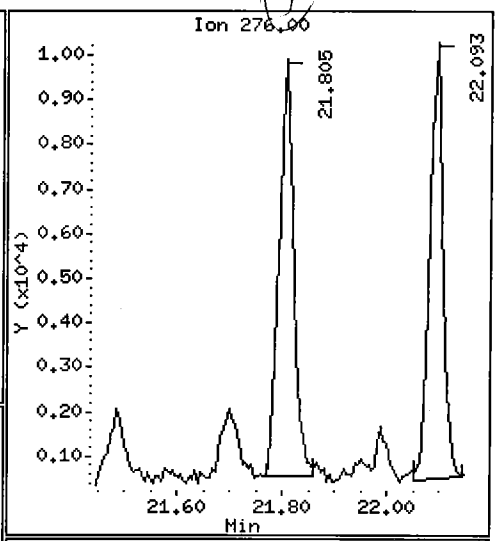
Column phase: ZB-5

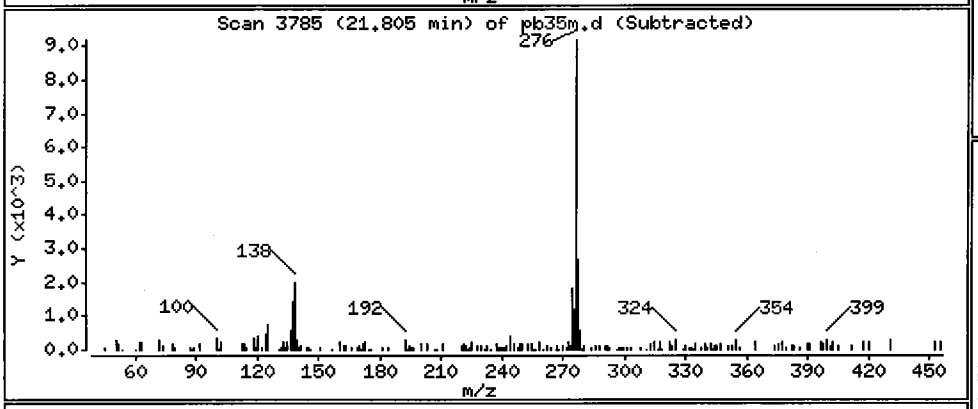
Column diameter: 0.32

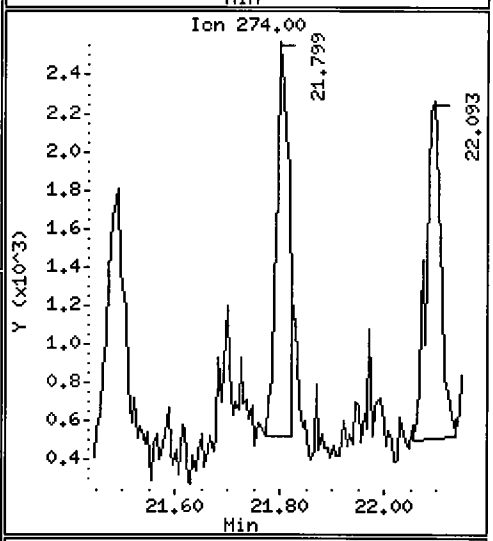
78 Indeno(1,2,3-cd)pyrene

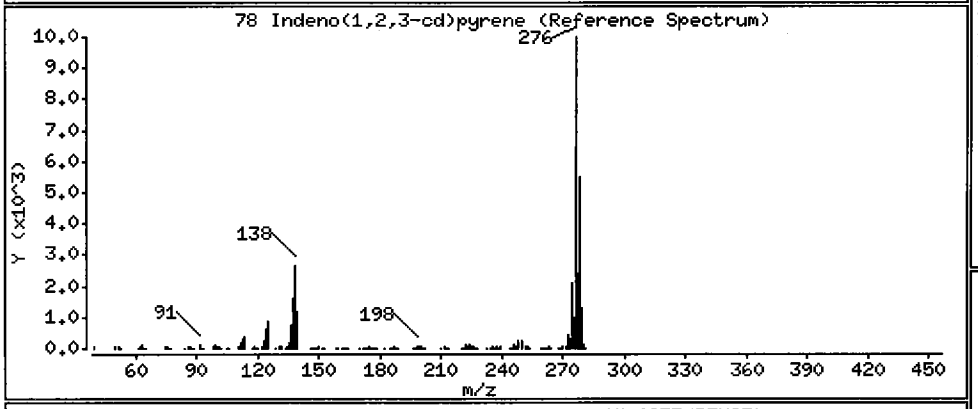
Concentration: 10.72 ug/kg

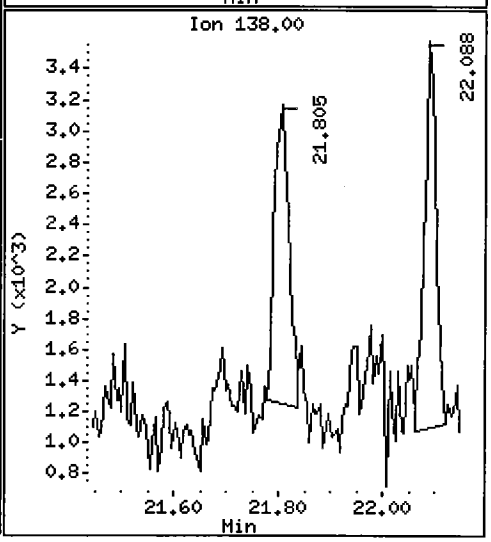


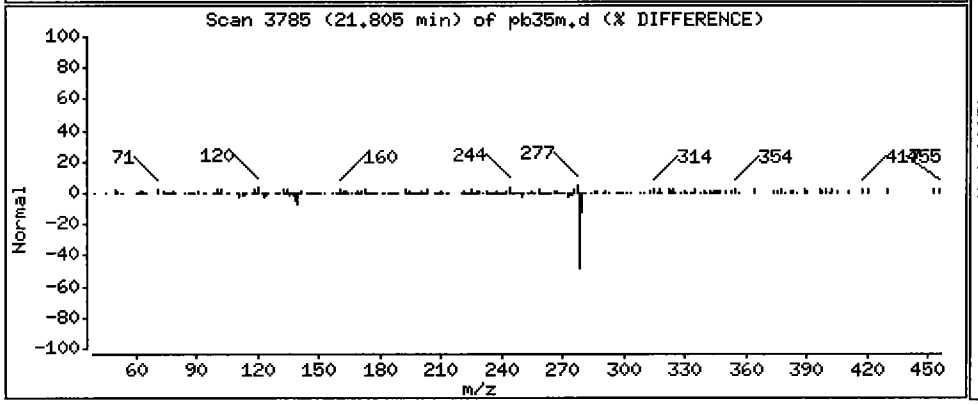












Data File: /chem1/nt6.i/20090615.b/pb35m.d

Date : 15-JUN-2009 20:06

Client ID: 3SED11-B

Instrument: nt6.i

Sample Info: PB35M

Volume Injected (uL): 1.0

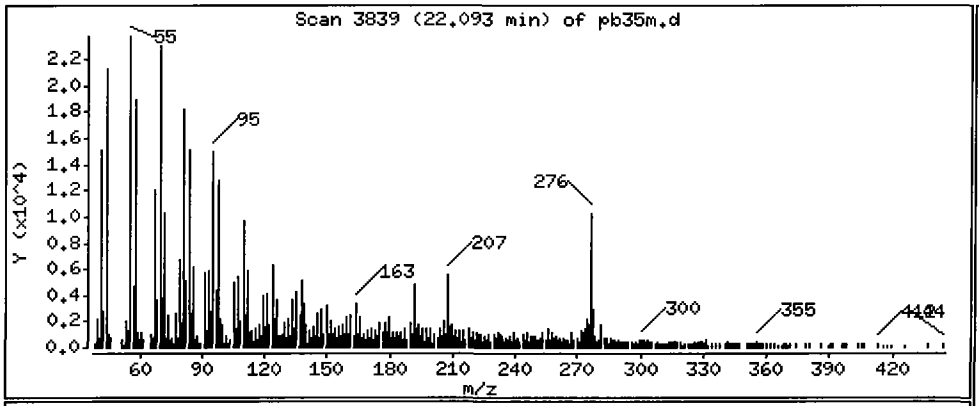
Operator: LJR/VTS

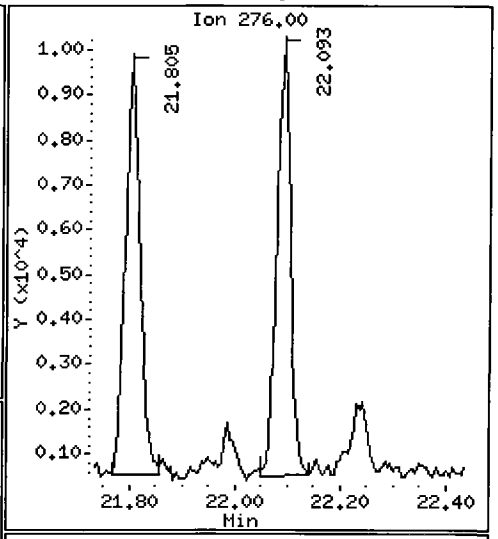
Column phase: ZB-5

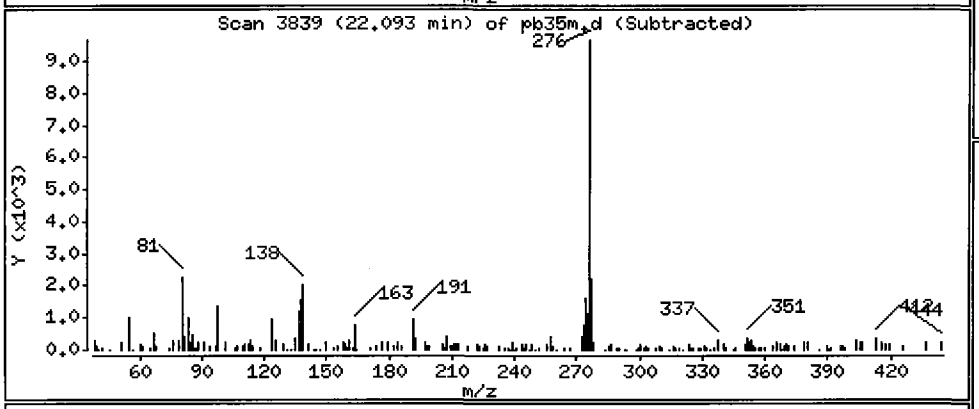
Column diameter: 0.32

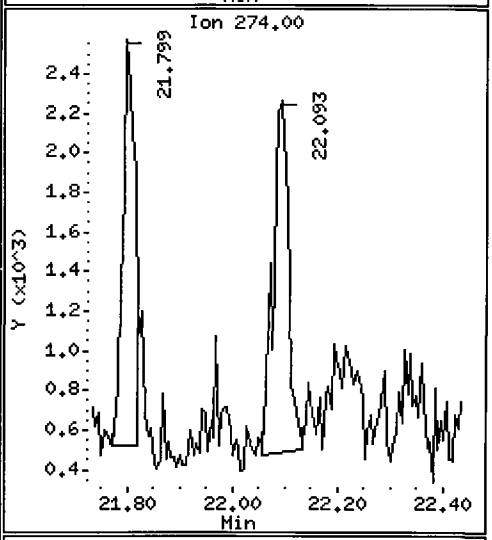
80 Benzo(g,h,i)perylene

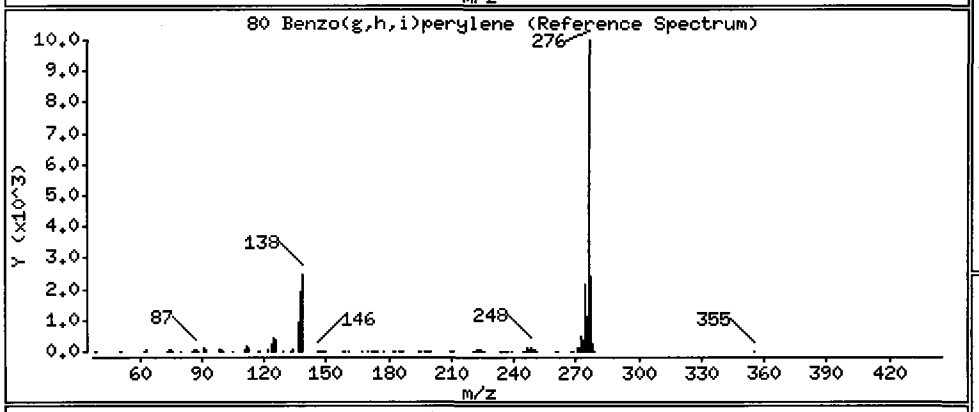
Concentration: 12.11 ug/kg

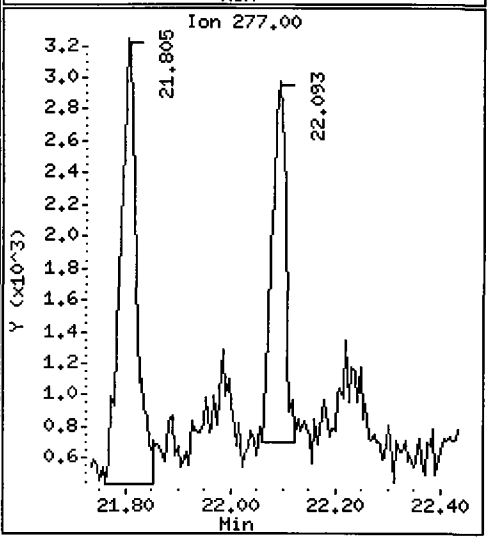


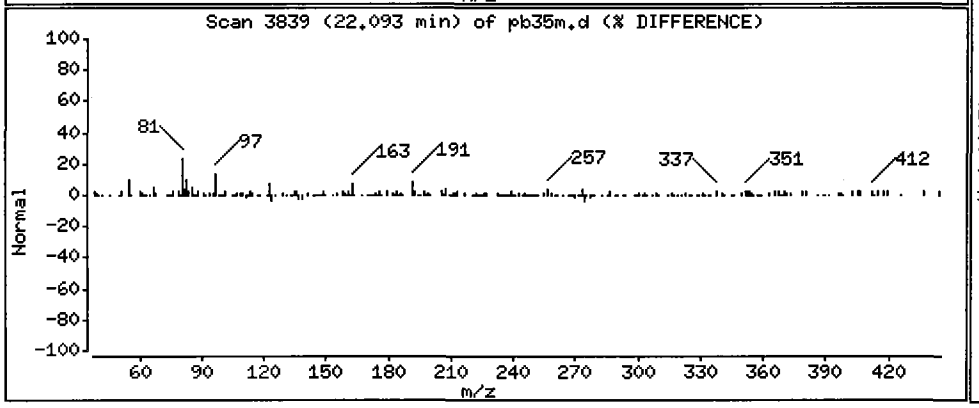












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED12-A
SAMPLE

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 20:38
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 34.0%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**15 J**
129-00-0	**Pyrene**	**20**	**11 J**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**13 J**
218-01-9	**Chrysene**	**20**	**15 J**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.4%	2-Fluorobiphenyl	66.4%
d14-p-Terphenyl	60.0%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	61.6%	2-Fluorophenol	58.1%
2,4,6-Tribromophenol	73.1%	d4-2-Chlorophenol	60.3%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35o.d
Lab Smp Id: PB35O Client Smp ID: 3SED12-A
Inj Date : 15-JUN-2009 20:38
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35O
Misc Info : 09-12731
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	38.20000	Weight of sample extracted (g)
M	34.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.808	4.782	(0.702)	174504	21.7896	432.1
$	2 Phenol-d5	99	6.597	6.534	(0.963)	248525	23.1089	458.3
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.571	6.555	(0.959)	147945	22.5753	447.7
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.854	6.849	(1.000)	97140	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.153	7.148	(1.044)	62020	12.8217	254.3
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15	4-Methylphenol	108	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	7.810	7.810	(0.876)	149744	14.5885	289.3
	19	Nitrobenzene	77	Compound Not Detected.					
	20	Isophorone	82	Compound Not Detected.					
	21	2-Nitrophenol	139	Compound Not Detected.					
	22	2,4-Dimethylphenol	107	Compound Not Detected.					
	23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24	Benzoic acid	105	Compound Not Detected.					
	25	2,4-Dichlorophenol	162	Compound Not Detected.					
	26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27	Naphthalene-d8	136	8.915	8.916	(1.000)	334222	20.0000	
	28	Naphthalene	128	Compound Not Detected.					
	29	4-Chloroaniline	127	Compound Not Detected.					
	30	Hexachlorobutadiene	225	Compound Not Detected.					
	31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32	2-Methylnaphthalene	141	Compound Not Detected.					
	33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36	2-Fluorobiphenyl	172	10.731	10.732	(0.914)	223144	16.5501	328.2
	37	2-Chloronaphthalene	162	Compound Not Detected.					
	38	2-Nitroaniline	65	Compound Not Detected.					
	39	Dimethylphthalate	163	Compound Not Detected.					
	40	Acenaphthylene	152	Compound Not Detected.					
	41	2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42	Acenaphthene-d10	164	11.746	11.747	(1.000)	181520	20.0000	
	43	3-Nitroaniline	138	Compound Not Detected.					
	44	Acenaphthene	153	Compound Not Detected.					
	45	2,4-Dinitrophenol	184	Compound Not Detected.					
	46	Dibenzofuran	168	Compound Not Detected.					
	47	4-Nitrophenol	109	Compound Not Detected.					
	48	2,4-Dinitrotoluene	165	Compound Not Detected.					
	50	Diethylphthalate	149	Compound Not Detected.					
	49	Fluorene	166	Compound Not Detected.					
	51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52	4-Nitroaniline	138	Compound Not Detected.					
	53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55	2,4,6-Tribromophenol	330	13.033	13.034	(1.110)	47460	27.4211	543.8
	56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57	Hexachlorobenzene	284	Compound Not Detected.					
	58	Pentachlorophenol	266	Compound Not Detected.					
*	59	Phenanthrene-d10	188	14.085	14.081	(1.000)	266349	20.0000	
	60	Phenanthrene	178	Compound Not Detected.					
	61	Anthracene	178	Compound Not Detected.					
	62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	15.277	15.277	(1.085)	9969	0.59161	11.73
64	Fluoranthene	202	16.024	16.025	(1.138)	13360	0.77405	15.35
65	Pyrene	202	16.366	16.361	(0.893)	14024	0.55186	10.94
$ 66	Terphenyl-d14	244	16.735	16.730	(0.913)	246196	15.0268	298.0
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.337	18.338	(1.000)	306748	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.369	18.375	(1.002)	16158	0.74536	14.78
72	bis(2-Ethylhexyl)phthalate	149	18.673	18.674	(0.953)	8763	0.65291	12.95
* 134	Di-n-octylphthalate-d4	153	19.603	19.603	(1.000)	432739	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.950	19.945	(0.975)	20362	0.80798	~~16.02(M)~~ 0.394
75	Benzo(k)fluoranthene	252	19.950	19.977	(0.975)	20362	0.78665	~~15.60(M)~~ 0.399
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	20.463	20.453	(1.000)	347765	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35o.d
Lab Smp Id: PB35O
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12731

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED12-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	97140	-13.57
27 Naphthalene-d8	384492	192246	768984	334222	-13.07
42 Acenaphthene-d10	217478	108739	434956	181520	-16.53
59 Phenanthrene-d10	336594	168297	673188	266349	-20.87
69 Chrysene-d12	247160	123580	494320	306748	24.11
134 Di-n-octylphthala	347036	173518	694072	432739	24.70
77 Perylene-d12	232938	116469	465876	347765	49.30

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.07
27 Naphthalene-d8	8.92	8.42	9.42	8.92	-0.01
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	-0.01
59 Phenanthrene-d10	14.08	13.58	14.58	14.09	0.03
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.00
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	0.00
77 Perylene-d12	20.45	19.95	20.95	20.46	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35O
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12731

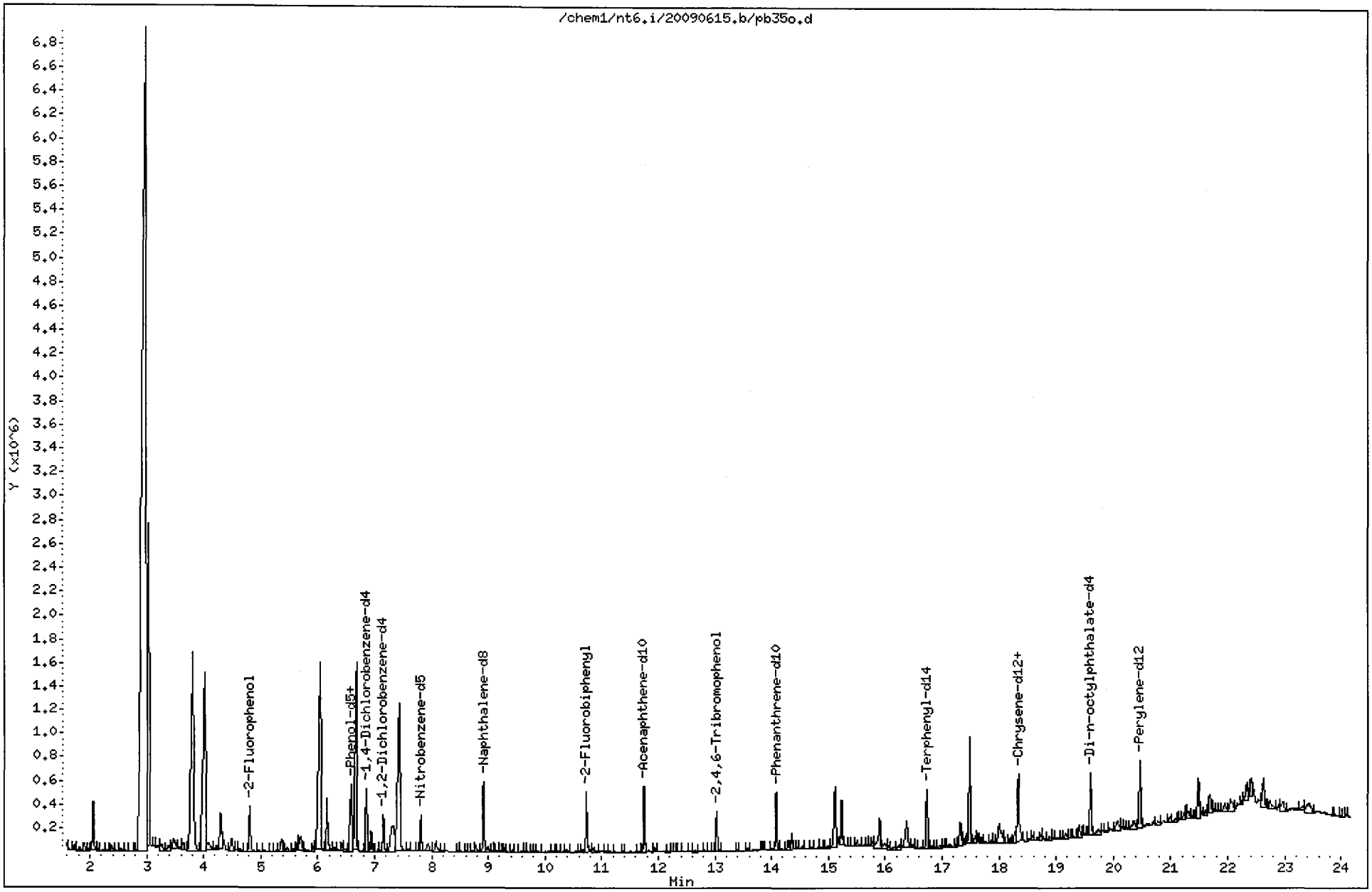
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED12-A
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	743.7	432.1	58.11	21-100
$ 2 Phenol-d5	743.7	458.3	61.62	10-100
$ 5 2-Chlorophenol-d4	743.7	447.7	60.20	30-100
$ 10 1,2-Dichlorobenzen	495.8	254.3	51.29	24-100
$ 18 Nitrobenzene-d5	495.8	289.3	58.35	26-100
$ 36 2-Fluorobiphenyl	495.8	328.2	66.20	32-100
$ 55 2,4,6-Tribromophen	743.7	543.8	73.12	33-118
$ 66 Terphenyl-d14	495.8	298.0	60.11	21-97

Data File: /chem1/nt6.i/20090615.b/pb35o.d
Date : 15-JUN-2009 20:38
Client ID: 3SED12-A
Sample Info: PB35O
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

PB35:9999



Data File: /chem1/nt6.i/20090615.b/pb35o.d

Date : 15-JUN-2009 20:38

Client ID: 3SED12-A

Instrument: nt6.i

Sample Info: PB350

Volume Injected (uL): 1.0

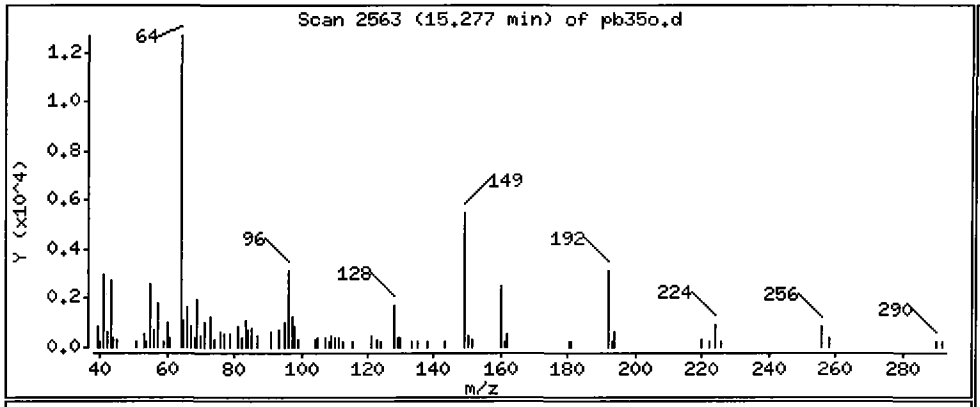
Operator: LJR/VTS

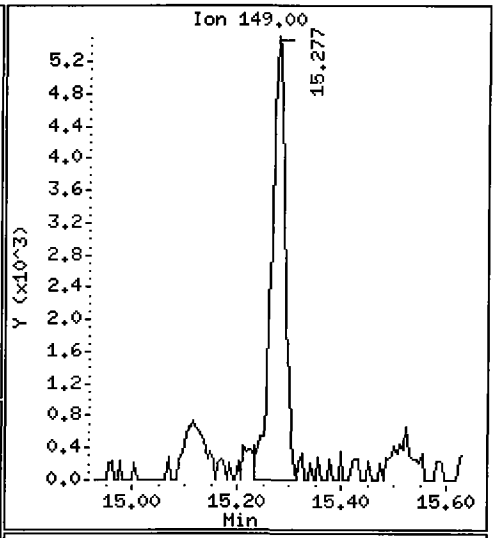
Column phase: ZB-5

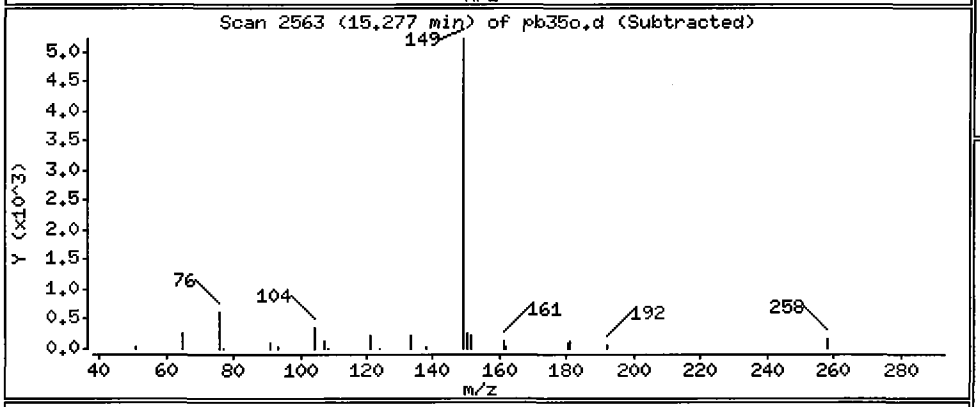
Column diameter: 0.32

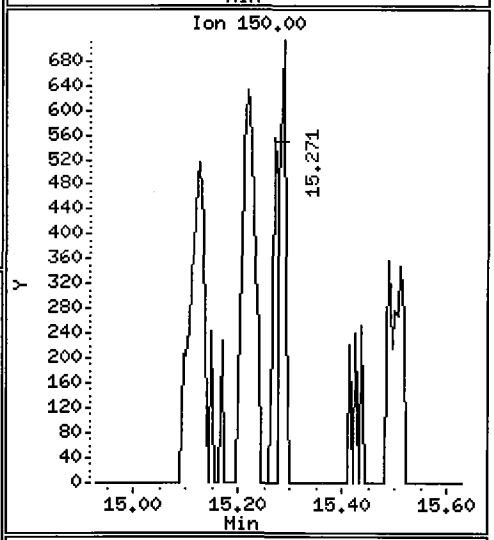
63 Di-n-butylphthalate

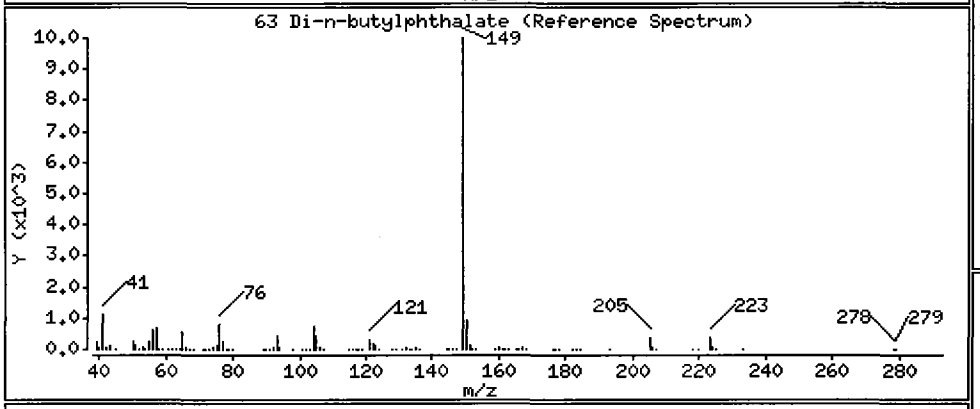
Concentration: 11.73 ug/kg

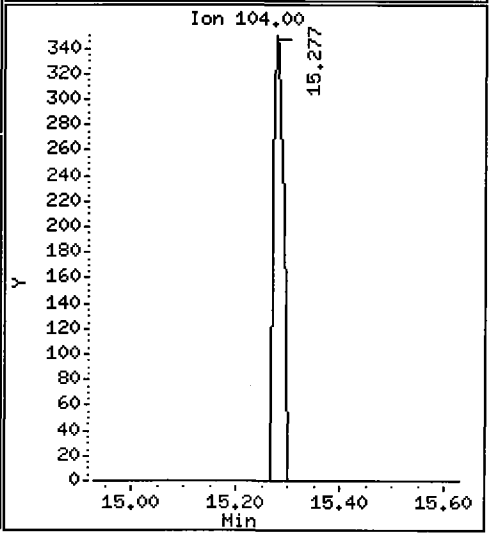


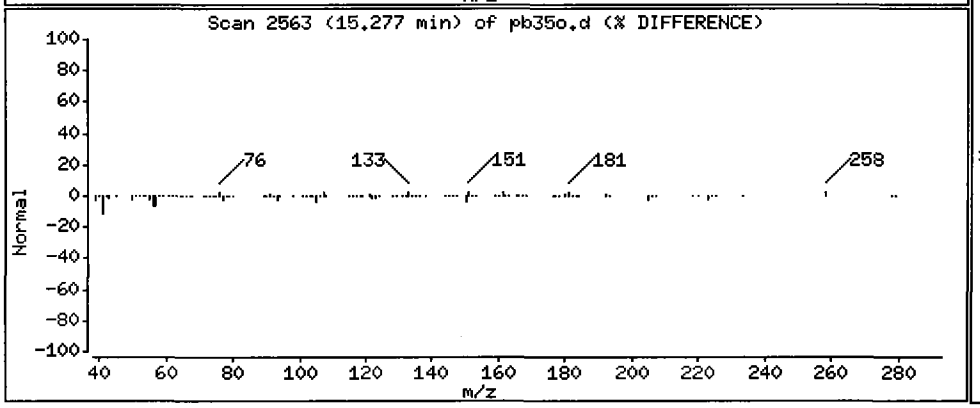












Data File: /chem1/nt6.i/20090615.b/pb35o.d

Date : 15-JUN-2009 20:38

Client ID: 3SED12-A

Instrument: nt6.i

Sample Info: PB35O

Volume Injected (uL): 1.0

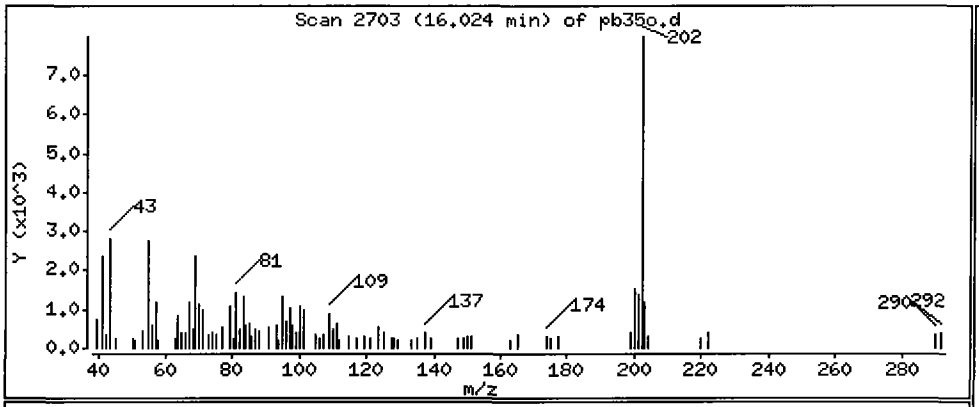
Operator: LJR/VTS

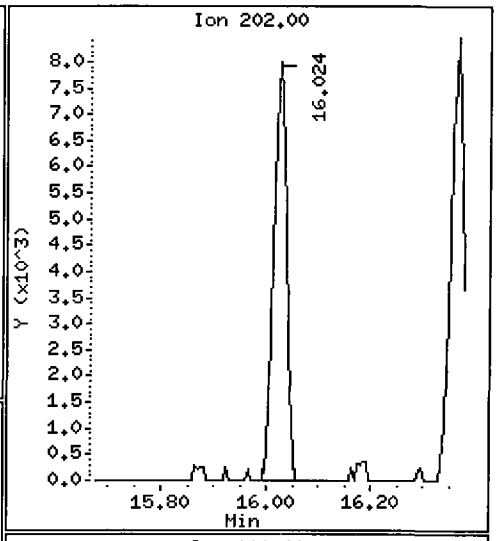
Column phase: ZB-5

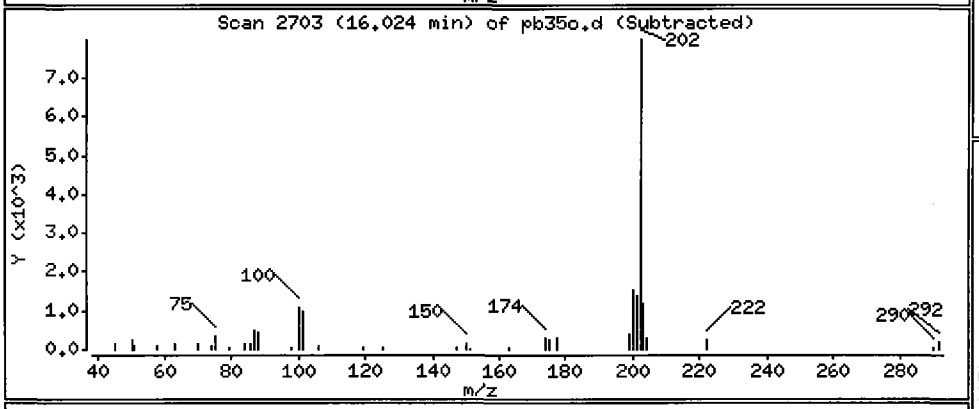
Column diameter: 0.32

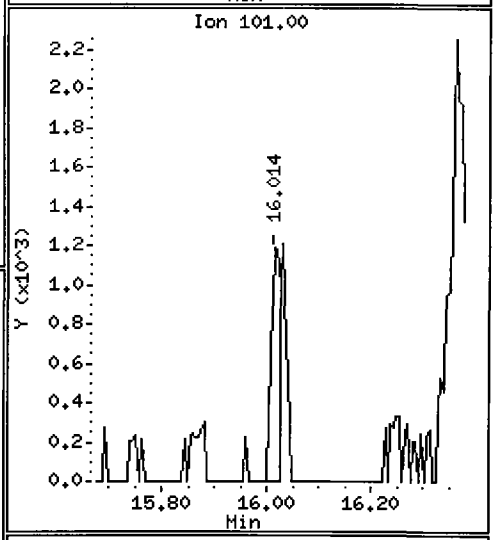
64 Fluoranthene

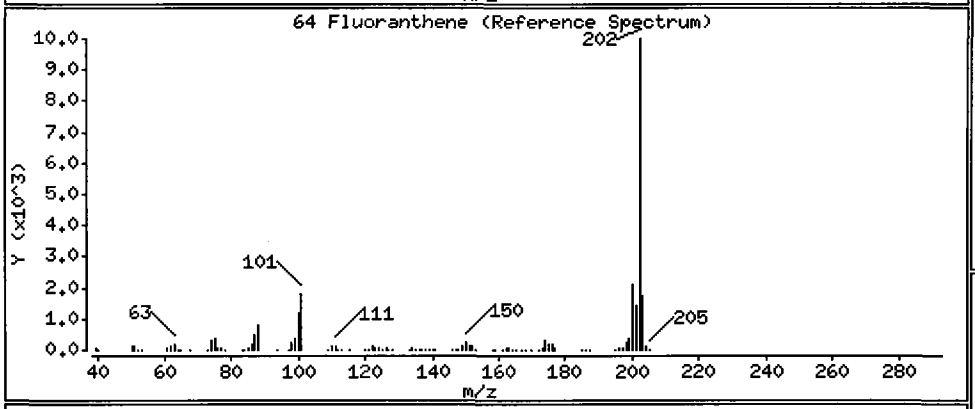
Concentration: 15.35 ug/kg

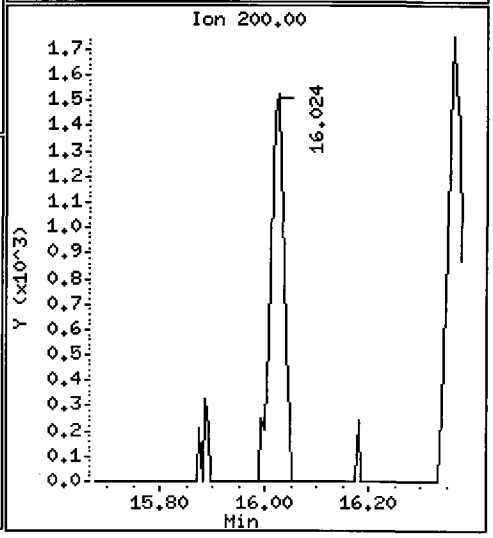


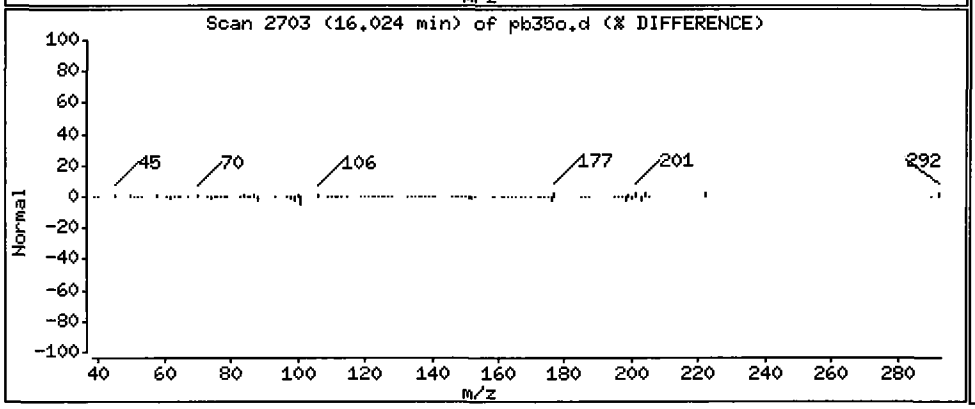












Data File: /chem1/nt6.i/20090615.b/pb35o.d

Date : 15-JUN-2009 20:38

Client ID: 3SED12-A

Instrument: nt6.i

Sample Info: PB350

Volume Injected (uL): 1.0

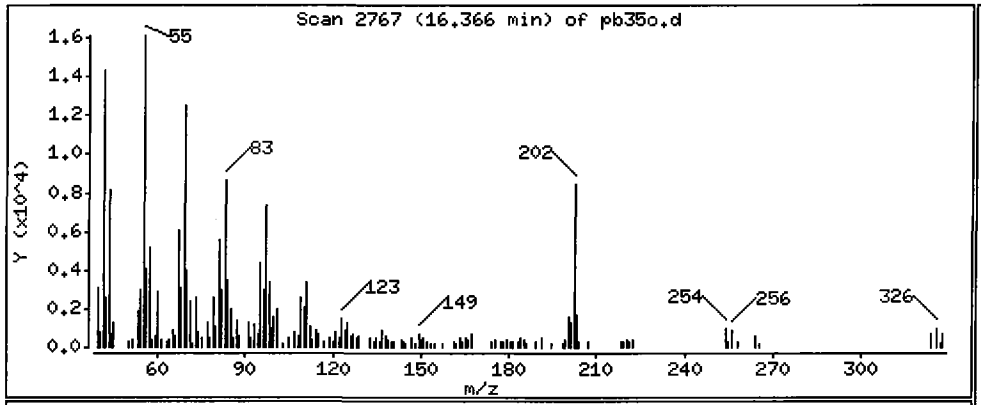
Operator: LJR/VTS

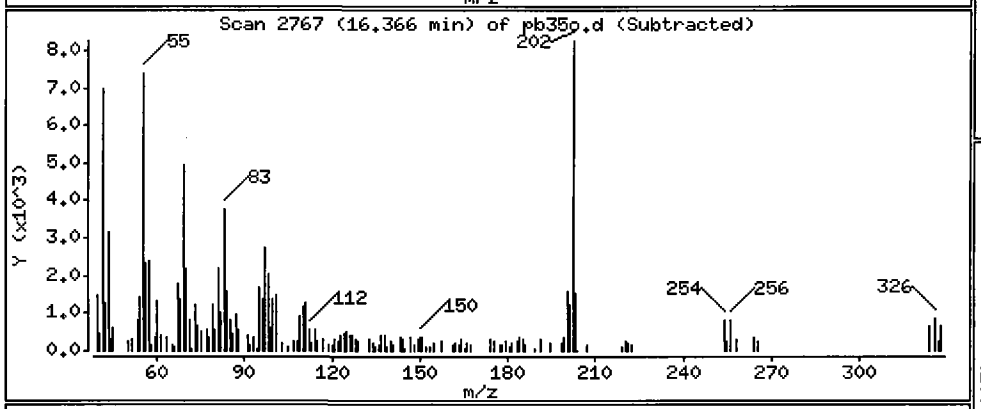
Column phase: ZB-5

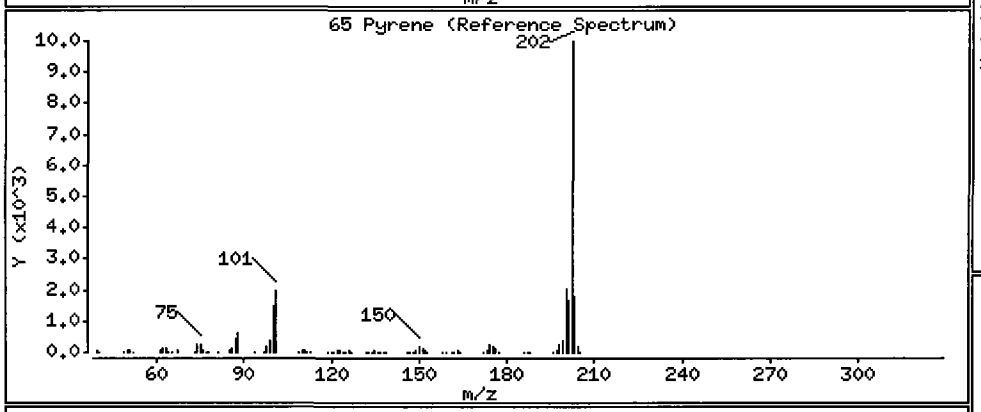
Column diameter: 0.32

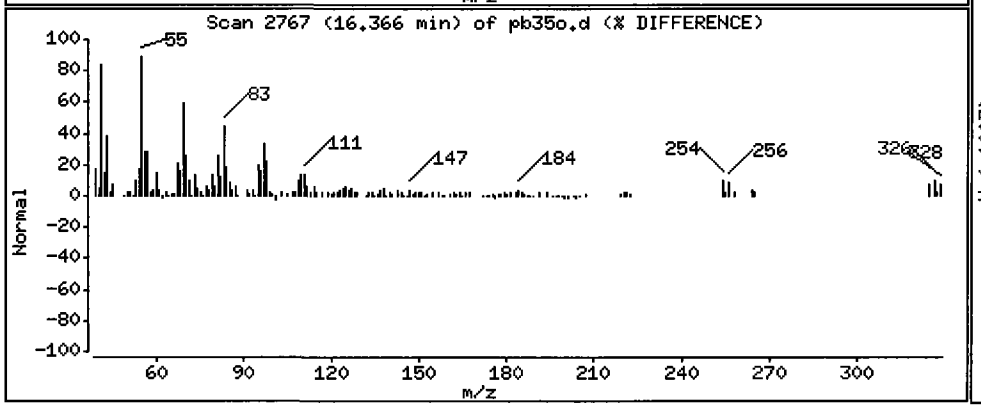
65 Pyrene

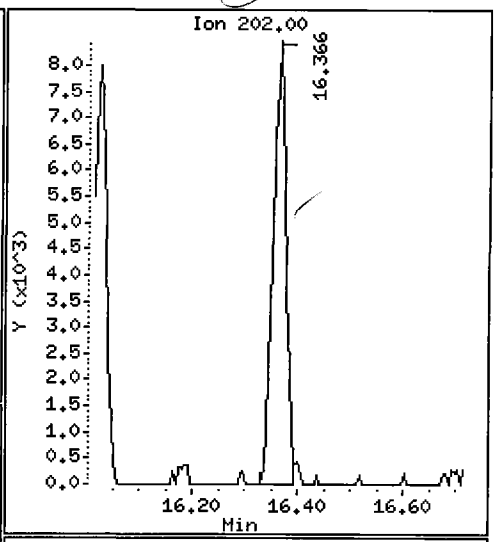
Concentration: 10.94 ug/kg

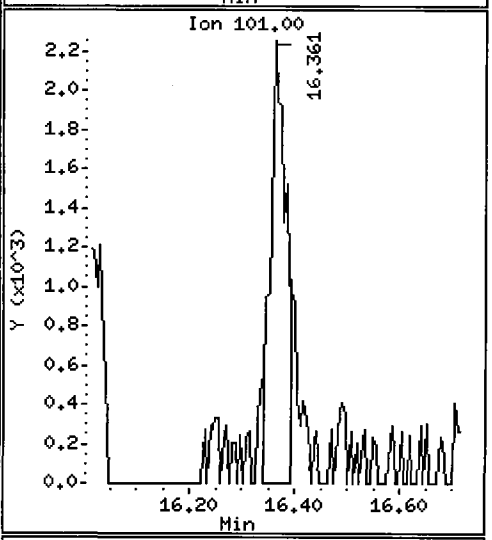


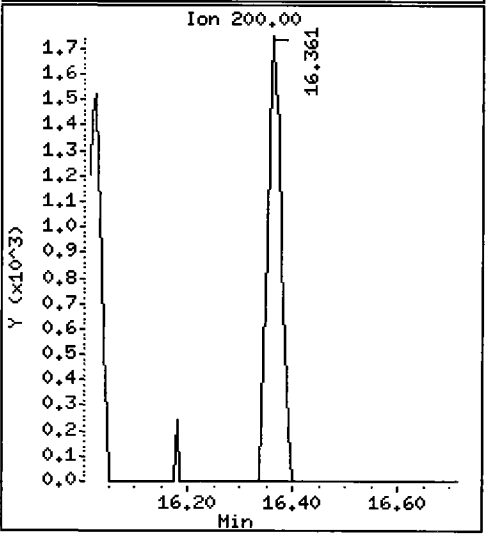












Data File: /chem1/nt6.i/20090615.b/pb35o.d

Date : 15-JUN-2009 20:38

Client ID: 3SED12-A

Instrument: nt6.i

Sample Info: PB350

Volume Injected (uL): 1.0

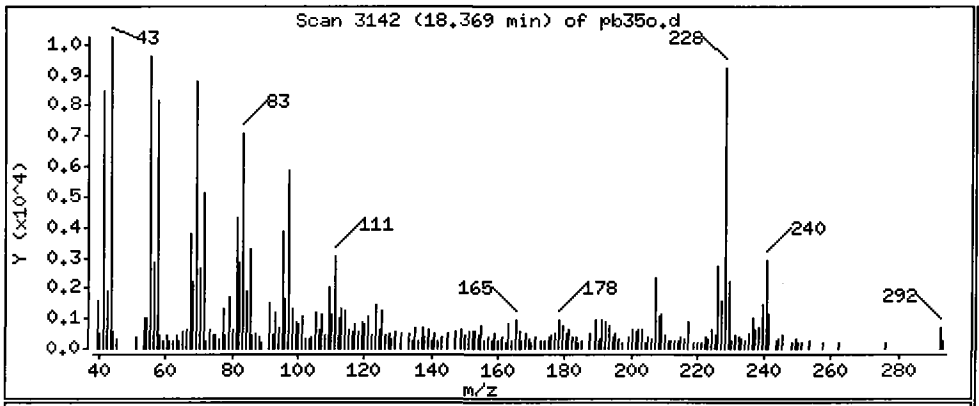
Operator: LJR/VTS

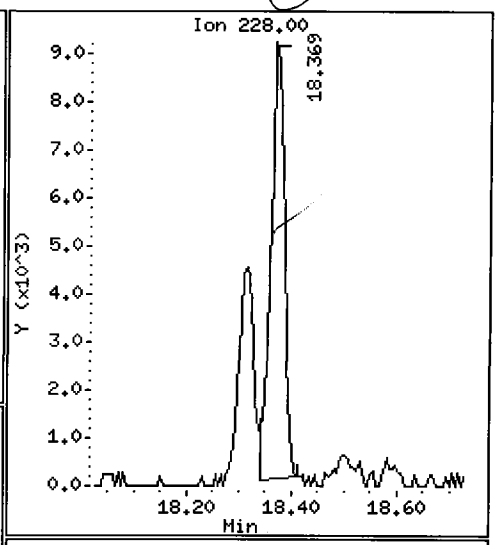
Column phase: ZB-5

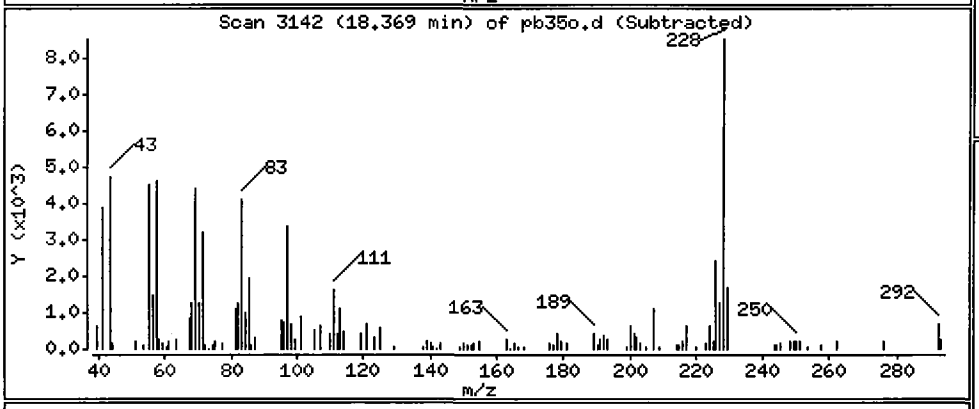
Column diameter: 0.32

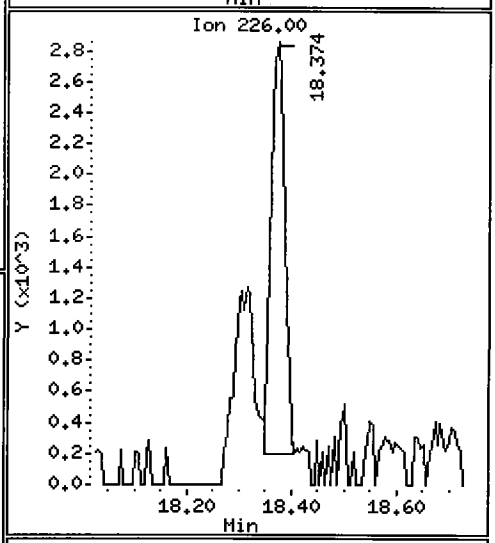
71 Chrysene

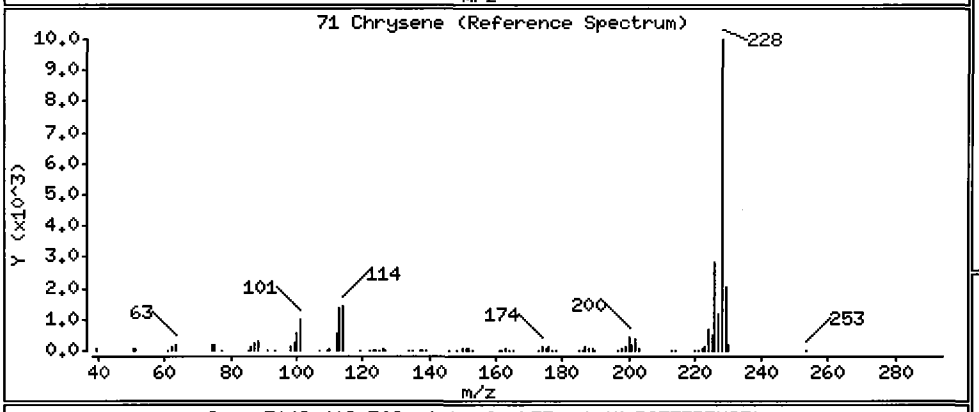
Concentration: 14.78 ug/kg

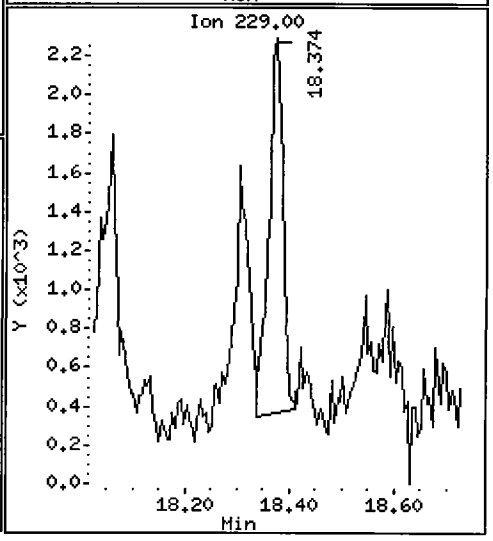


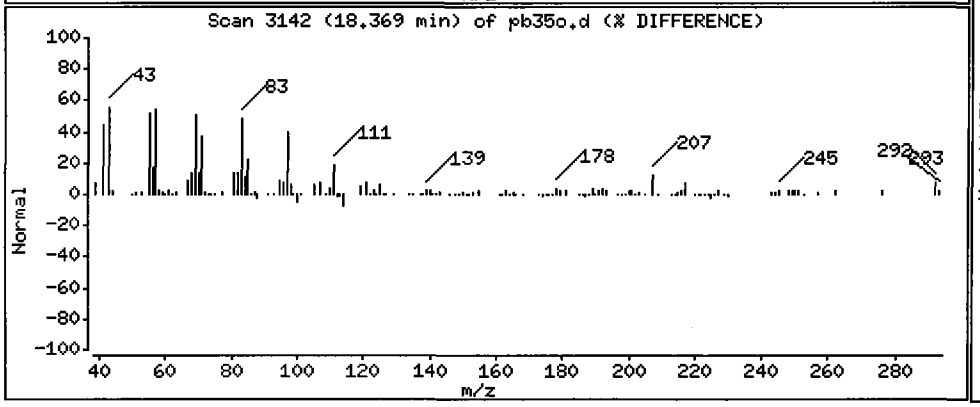












Data File: /chem1/nt6.i/20090615.b/pb35o.d

Date : 15-JUN-2009 20:38

Client ID: 3SED12-A

Instrument: nt6.i

Sample Info: PB350

Volume Injected (uL): 1.0

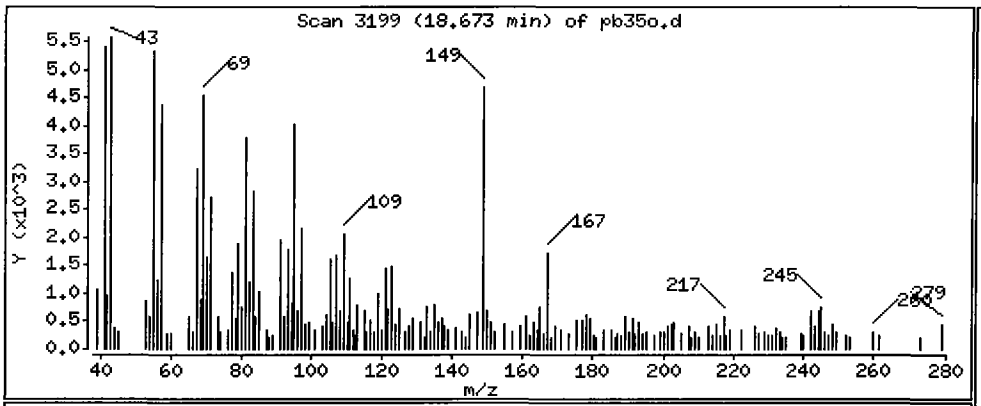
Operator: LJR/VTS

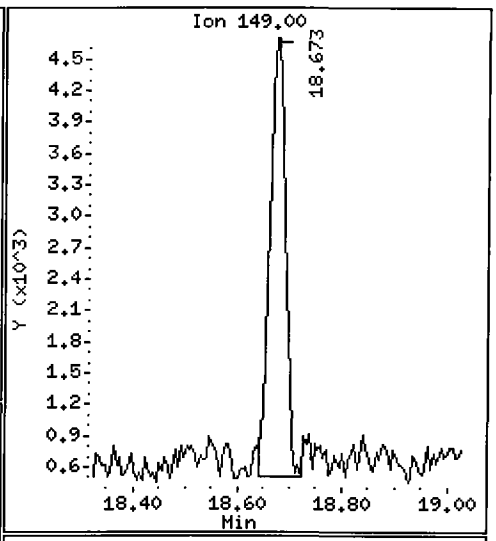
Column phase: ZB-5

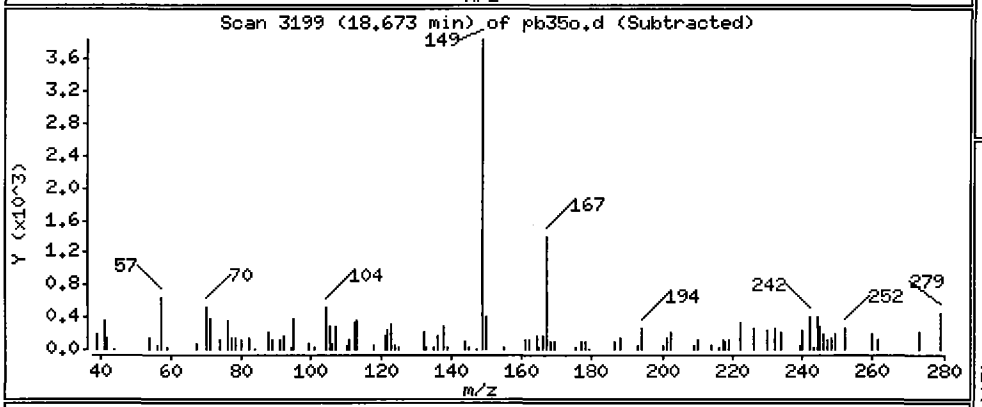
Column diameter: 0.32

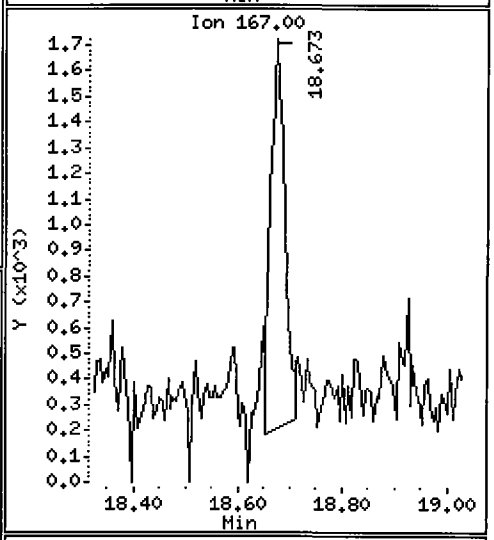
72 bis(2-Ethylhexyl)phthalate

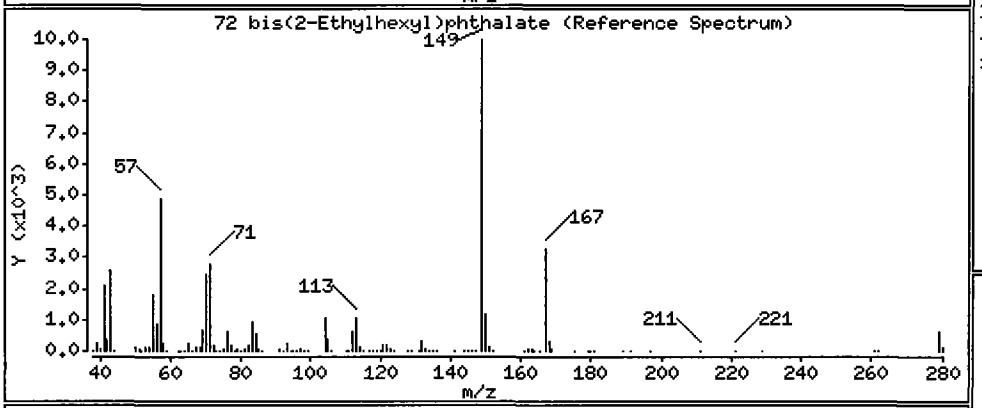
Concentration: 12.95 ug/kg

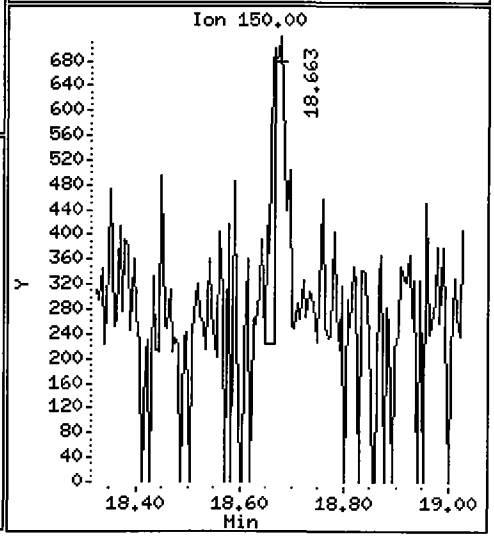


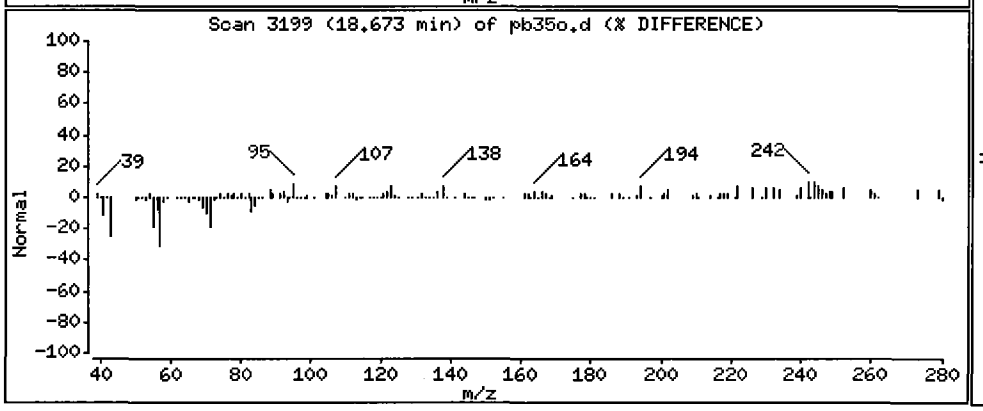












Data File: /chem1/nt6.i/20090615.b/pb35o.d

Date : 15-JUN-2009 20:38

Client ID: 3SED12-A

Instrument: nt6.i

Sample Info: PB350

Volume Injected (uL): 1.0

Operator: LJR/VTS

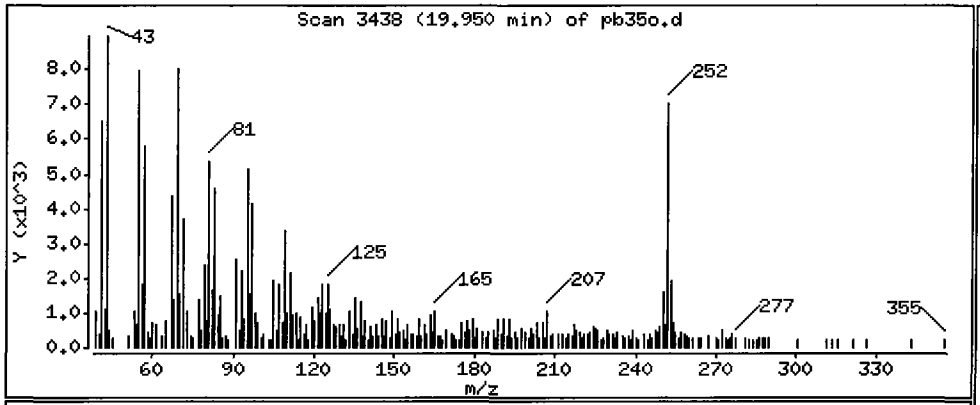
Column phase: ZB-5

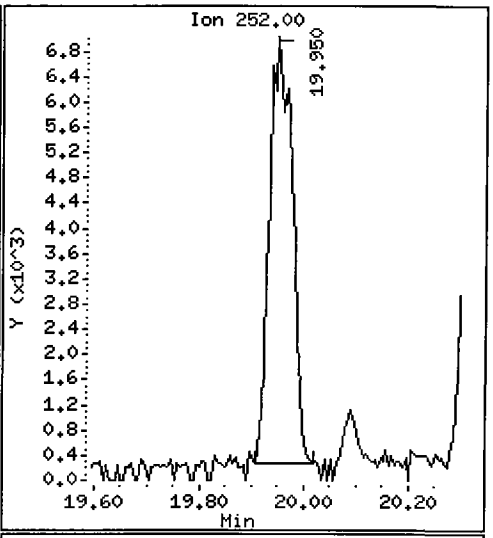
Column diameter: 0.32

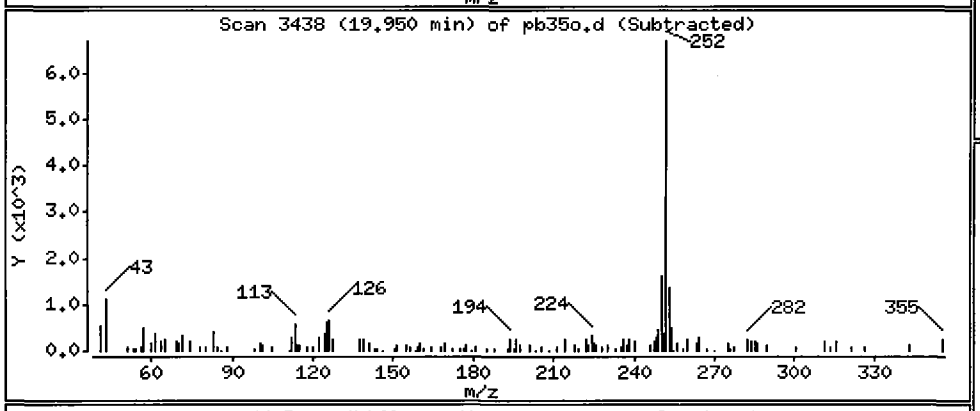
1/2 comp

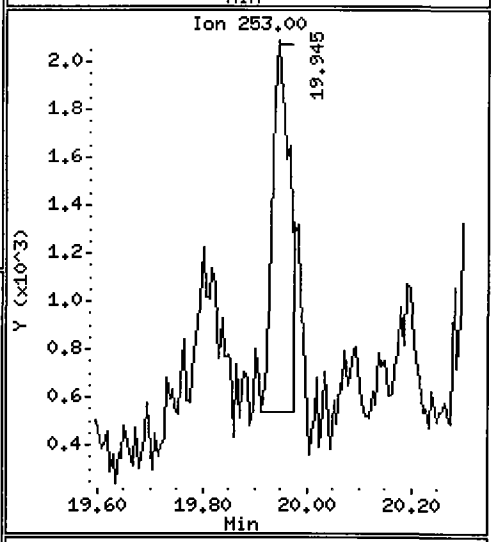
74 Benzo(b)fluoranthene

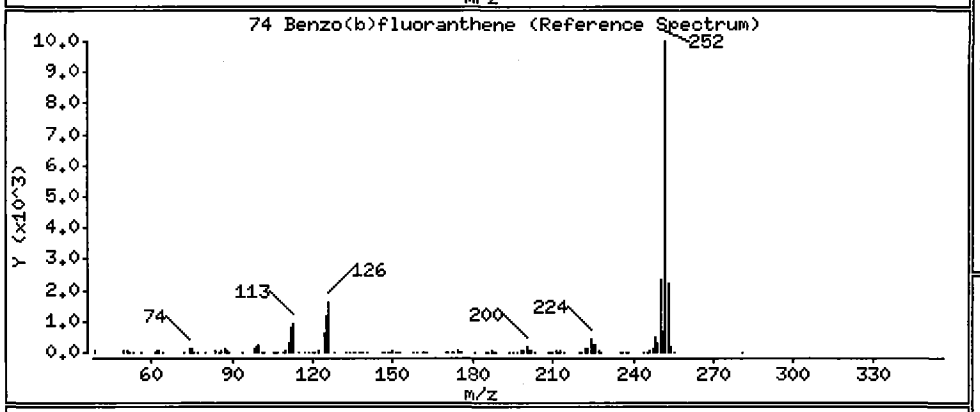
Concentration: 16.02 ug/kg

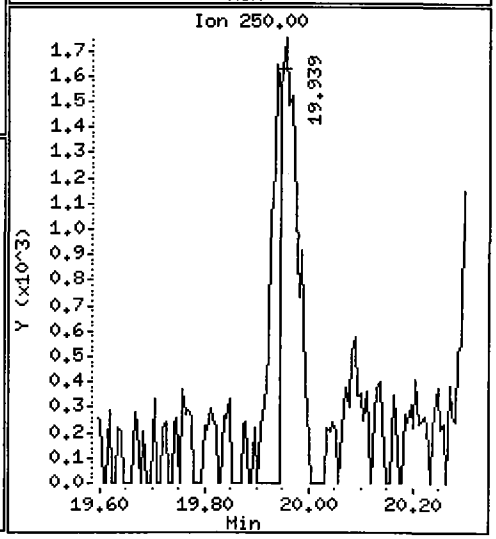


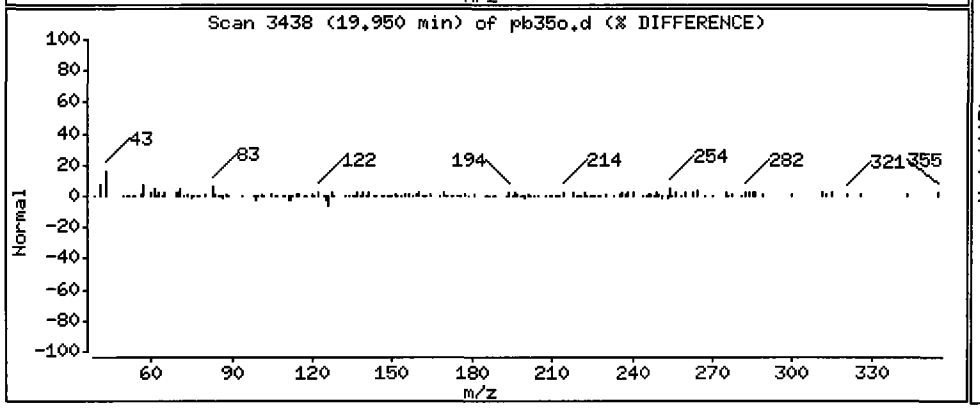












Data File: /chem1/nt6.i/20090615.b/pb35o.d

Date : 15-JUN-2009 20:38

Client ID: 3SED12-A

Instrument: nt6.i

Sample Info: PB350

Volume Injected (uL): 1.0

Operator: LJR/VTS

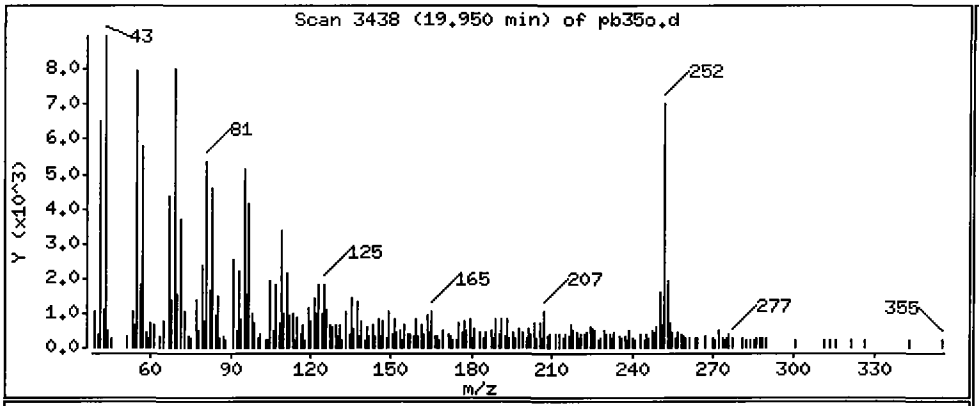
Column phase: ZB-5

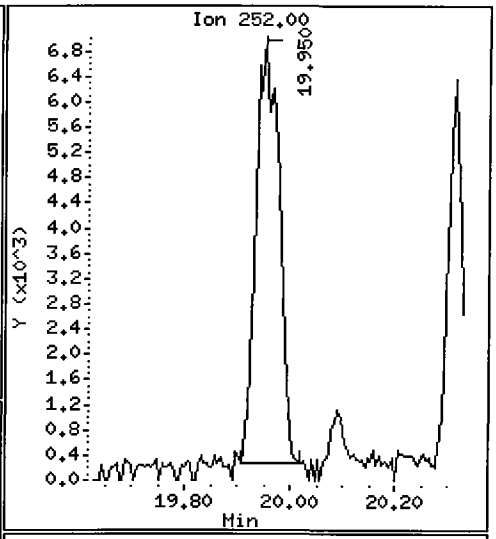
Column diameter: 0.32

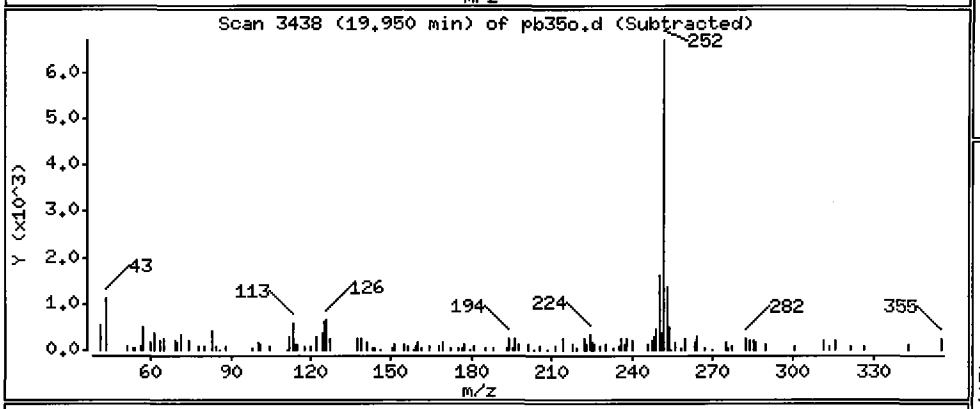
1/2 cmpl

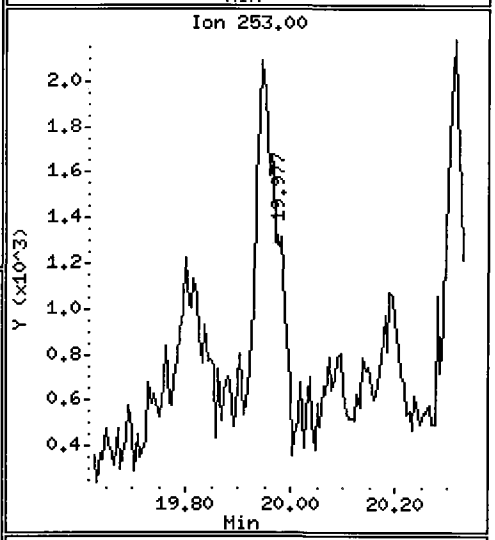
75 Benzo(k)fluoranthene

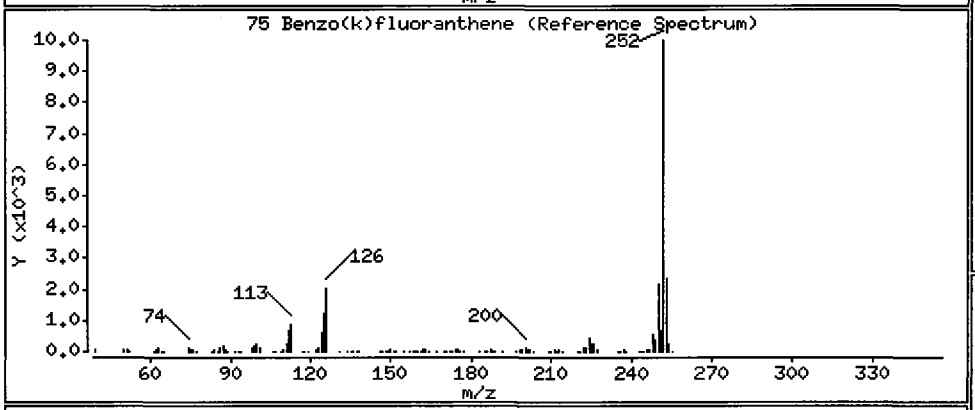
Concentration: 15.60 ug/kg

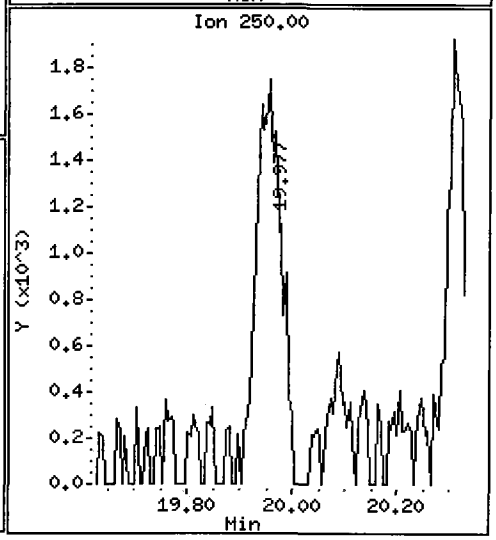


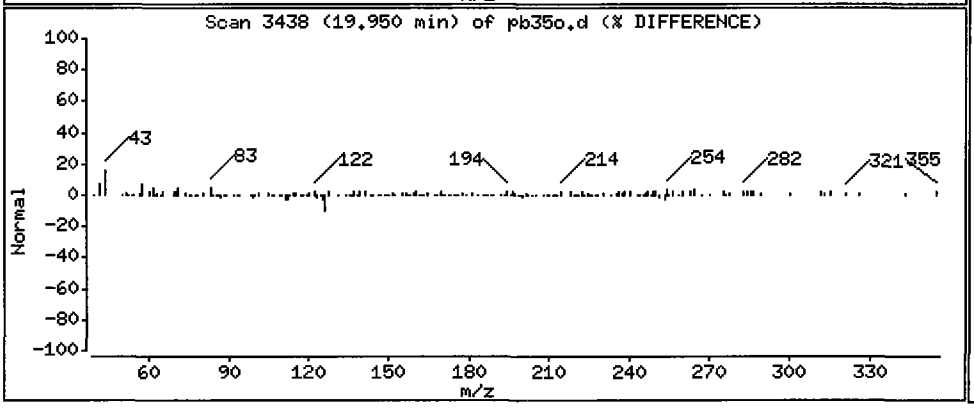












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED12-B
SAMPLE

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 21:11
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.1 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 40.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**29**
129-00-0	**Pyrene**	**20**	**19 J**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**12 J**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**13 J**
218-01-9	**Chrysene**	**20**	**23**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**14 J**
207-08-9	**Benzo(k)fluoranthene**	**20**	**14 J**
50-32-8	**Benzo(a)pyrene**	**20**	**12 J**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	54.8%	2-Fluorobiphenyl	61.2%
d14-p-Terphenyl	57.2%	d4-1,2-Dichlorobenzene	48.8%
d5-Phenol	57.3%	2-Fluorophenol	54.9%
2,4,6-Tribromophenol	68.8%	d4-2-Chlorophenol	56.3%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35q.d
Lab Smp Id: PB35Q Client Smp ID: 3SED12-B
Inj Date : 15-JUN-2009 21:11
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35Q
Misc Info : 09-12733
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	42.10000	Weight of sample extracted (g)
M	40.30000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$ 1 2-Fluorophenol	112	4.808	4.782	(0.702)	165278	20.5502	408.8
$ 2 Phenol-d5	99	6.598	6.534	(0.963)	232211	21.5006	427.7
3 Phenol	94	Compound Not Detected.					
$ 5 2-Chlorophenol-d4	132	6.571	6.555	(0.959)	138677	21.0715	419.2
4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6 2-Chlorophenol	128	Compound Not Detected.					
7 1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8 1,4-Dichlorobenzene-d4	152	6.854	6.849	(1.000)	97553	20.0000	
9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10 1,2-Dichlorobenzene-d4	152	7.153	7.148	(1.044)	59106	12.1676	242.1
12 1,2-Dichlorobenzene	146	Compound Not Detected.					
11 Benzyl alcohol	108	Compound Not Detected.					
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13 2-Methylphenol	108	Compound Not Detected.					
17 Hexachloroethane	117	Compound Not Detected.					

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
Compounds									
16	N-Nitroso-di-n-propylamine		70	Compound Not Detected.					
15	4-Methylphenol		108	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	7.810	7.810	(0.876)	142591	13.7071	272.7
19	Nitrobenzene		77	Compound Not Detected.					
20	Isophorone		82	Compound Not Detected.					
21	2-Nitrophenol		139	Compound Not Detected.					
22	2,4-Dimethylphenol		107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane		93	Compound Not Detected.					
24	Benzoic acid		105	Compound Not Detected.					
25	2,4-Dichlorophenol		162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene		180	Compound Not Detected.					
*	27	Naphthalene-d8	136	8.916	8.916	(1.000)	338723	20.0000	
28	Naphthalene		128	Compound Not Detected.					
29	4-Chloroaniline		127	Compound Not Detected.					
30	Hexachlorobutadiene		225	Compound Not Detected.					
31	4-Chloro-3-methylphenol		107	Compound Not Detected.					
32	2-Methylnaphthalene		141	Compound Not Detected.					
33	Hexachlorocyclopentadiene		237	Compound Not Detected.					
34	2,4,6-Trichlorophenol		196	Compound Not Detected.					
35	2,4,5-Trichlorophenol		196	Compound Not Detected.					
$	36	2-Fluorobiphenyl	172	10.732	10.732	(0.913)	208106	15.2960	304.3
37	2-Chloronaphthalene		162	Compound Not Detected.					
38	2-Nitroaniline		65	Compound Not Detected.					
39	Dimethylphthalate		163	Compound Not Detected.					
40	Acenaphthylene		152	Compound Not Detected.					
41	2,6-Dinitrotoluene		165	Compound Not Detected.					
*	42	Acenaphthene-d10	164	11.752	11.747	(1.000)	183167	20.0000	
43	3-Nitroaniline		138	Compound Not Detected.					
44	Acenaphthene		153	Compound Not Detected.					
45	2,4-Dinitrophenol		184	Compound Not Detected.					
46	Dibenzofuran		168	Compound Not Detected.					
47	4-Nitrophenol		109	Compound Not Detected.					
48	2,4-Dinitrotoluene		165	Compound Not Detected.					
50	Diethylphthalate		149	Compound Not Detected.					
49	Fluorene		166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether		204	Compound Not Detected.					
52	4-Nitroaniline		138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol		198	Compound Not Detected.					
54	N-Nitrosodiphenylamine		169	Compound Not Detected.					
$	55	2,4,6-Tribromophenol	330	13.034	13.034	(1.109)	45015	25.7746	512.7
56	4-Bromophenyl-phenylether		248	Compound Not Detected.					
57	Hexachlorobenzene		284	Compound Not Detected.					
58	Pentachlorophenol		266	Compound Not Detected.					
*	59	Phenanthrene-d10	188	14.086	14.081	(1.000)	286289	20.0000	
60	Phenanthrene		178	Compound Not Detected.					
61	Anthracene		178	Compound Not Detected.					
62	Carbazole		167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.030	16.025	(1.138)	26680	1.43812	28.61
65	Pyrene	202	16.366	16.361	(0.892)	25938	0.94480 LDL	18.80
$ 66	Terphenyl-d14	244	16.740	16.730	(0.913)	252568	14.2695	283.9
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.316	18.311	(0.999)	14588	0.59643 LDL	11.87
* 69	Chrysene-d12	240	18.343	18.338	(1.000)	331388	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.375	18.375	(1.002)	26786	1.14375	22.75
72	bis(2-Ethylhexyl)phthalate	149	18.674	18.674	(0.953)	9310	0.63659 LDL	12.66
* 134	Di-n-octylphthalate-d4	153	19.603	19.603	(1.000)	471536	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.945	19.945	(0.974)	37348	1.43387 >T	28.52 D.To1
75	Benzo(k)fluoranthene	252	19.945	19.977	(0.974)	37348	1.39602	27.77 D.To1
76	Benzo(a)pyrene	252	20.383	20.378	(0.996)	14511	0.61543 LDL	12.24(M)
* 77	Perylene-d12	264	20.468	20.453	(1.000)	359439	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35q.d
Lab Smp Id: PB35Q
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12733

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED12-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	97553	-13.20
27 Naphthalene-d8	384492	192246	768984	338723	-11.90
42 Acenaphthene-d10	217478	108739	434956	183167	-15.78
59 Phenanthrene-d10	336594	168297	673188	286289	-14.95
69 Chrysene-d12	247160	123580	494320	331388	34.08
134 Di-n-octylphthala	347036	173518	694072	471536	35.88
77 Perylene-d12	232938	116469	465876	359439	54.31

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.07
27 Naphthalene-d8	8.92	8.42	9.42	8.92	0.00
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.04
59 Phenanthrene-d10	14.08	13.58	14.58	14.09	0.04
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.03
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	0.00
77 Perylene-d12	20.45	19.95	20.95	20.47	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35Q
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12733

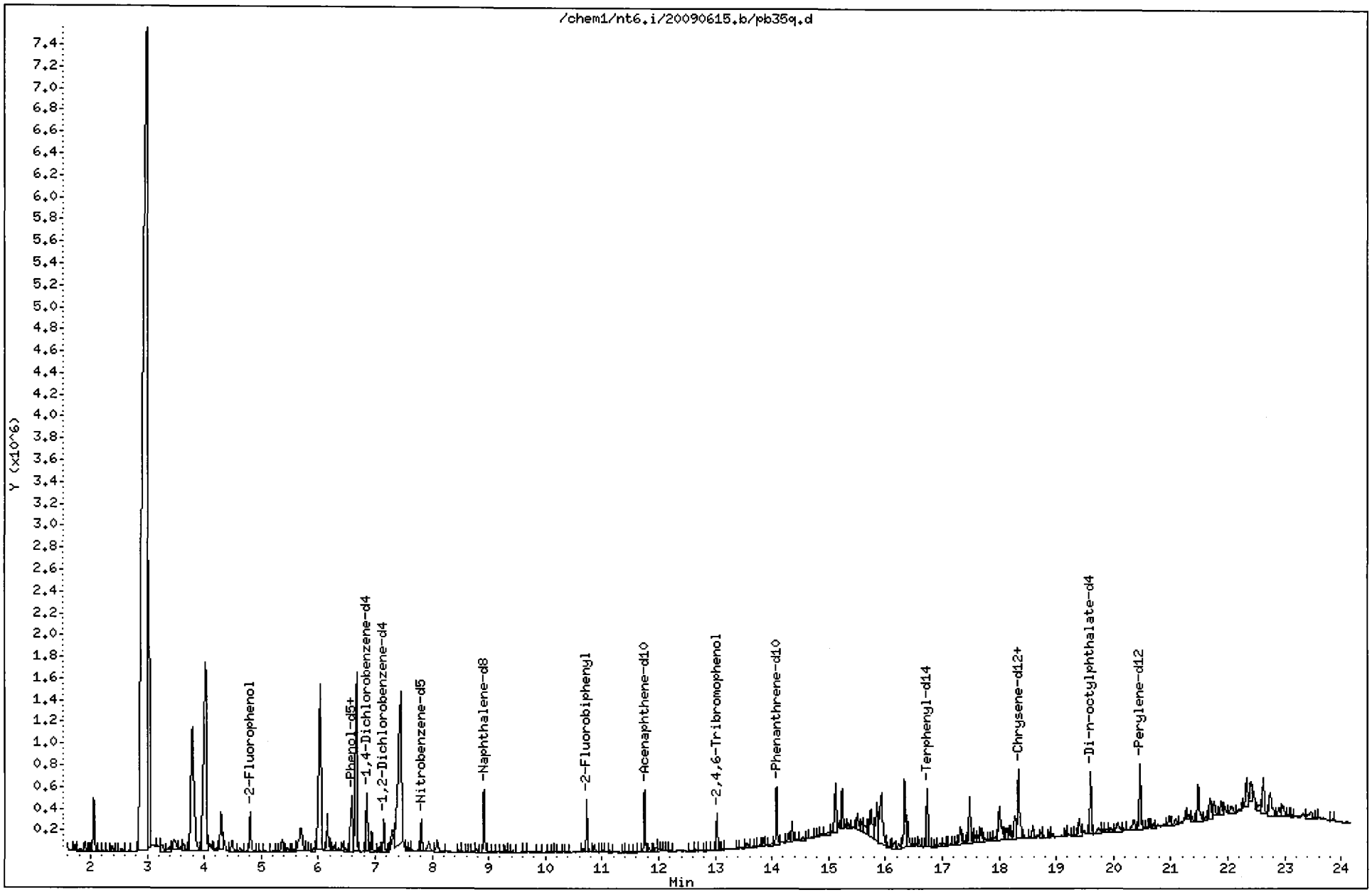
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED12-B
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	746.0	408.8	54.80	21-100
$ 2 Phenol-d5	746.0	427.7	57.33	10-100
$ 5 2-Chlorophenol-d4	746.0	419.2	56.19	30-100
$ 10 1,2-Dichlorobenzen	497.3	242.1	48.67	24-100
$ 18 Nitrobenzene-d5	497.3	272.7	54.83	26-100
$ 36 2-Fluorobiphenyl	497.3	304.3	61.18	32-100
$ 55 2,4,6-Tribromophen	746.0	512.7	68.73	33-118
$ 66 Terphenyl-d14	497.3	283.9	57.08	21-97

Data File: /chem1/nt6.i/20090615.b/pb35q.d
Date : 15-JUN-2009 21:11
Client ID: 3SED12-B
Sample Info: PB35Q
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

PB35:66911



Data File: /chem1/nt6.i/20090615.b/pb35q.d

Date : 15-JUN-2009 21:11

Client ID: 3SED12-B

Instrument: nt6.i

Sample Info: PB35Q

Volume Injected (uL): 1.0

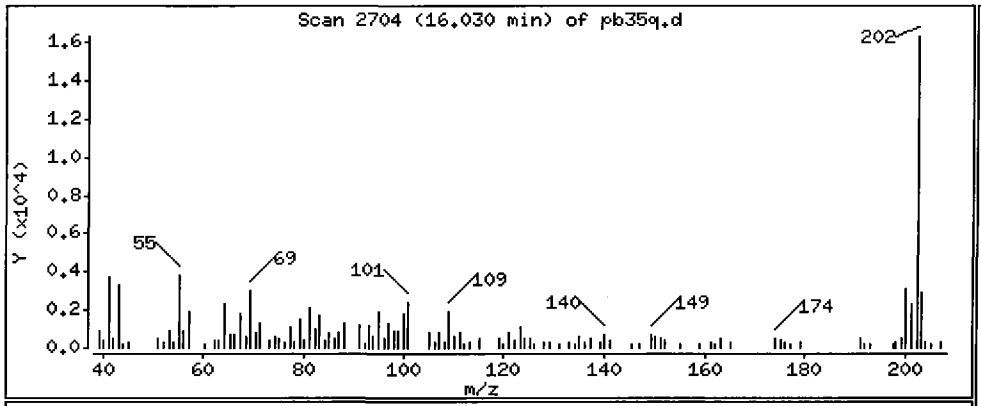
Operator: LJR/VTS

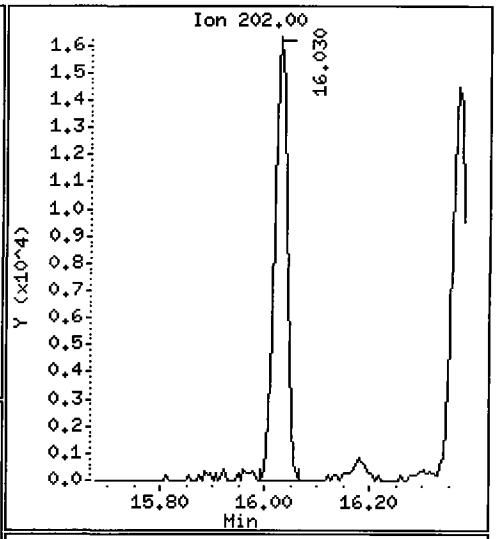
Column phase: ZB-5

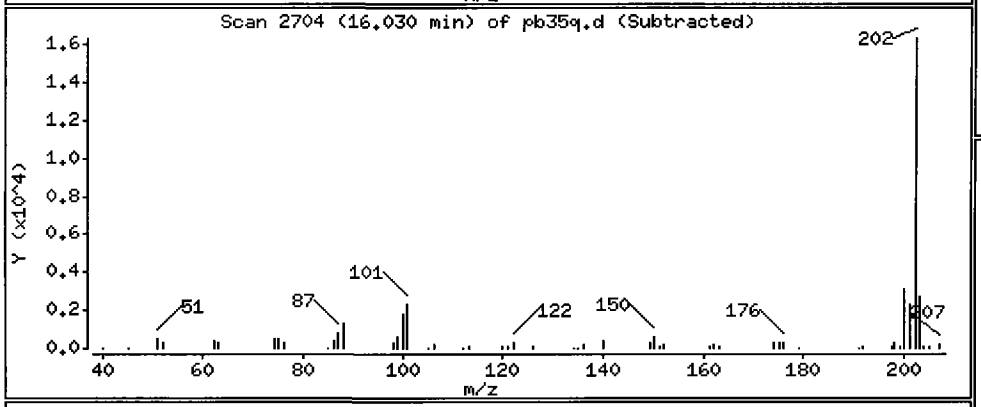
Column diameter: 0.32

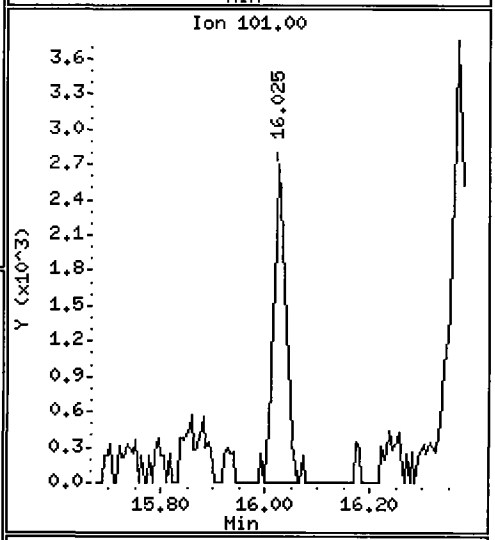
64 Fluoranthene

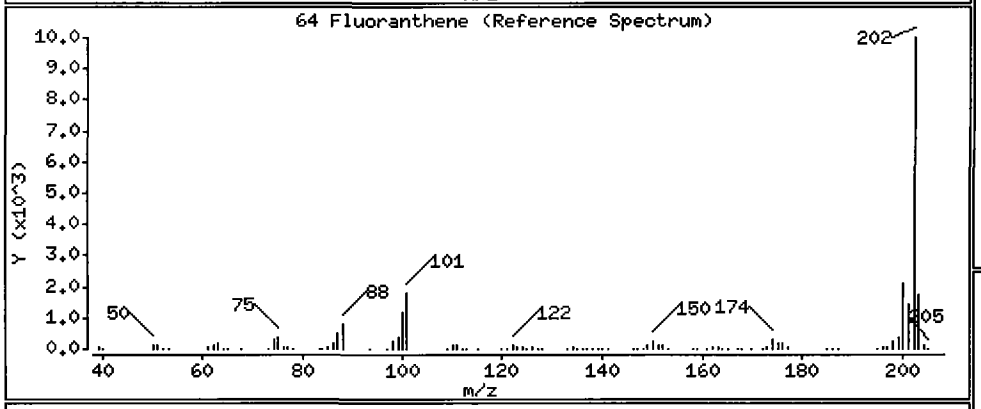
Concentration: 28.61 ug/kg

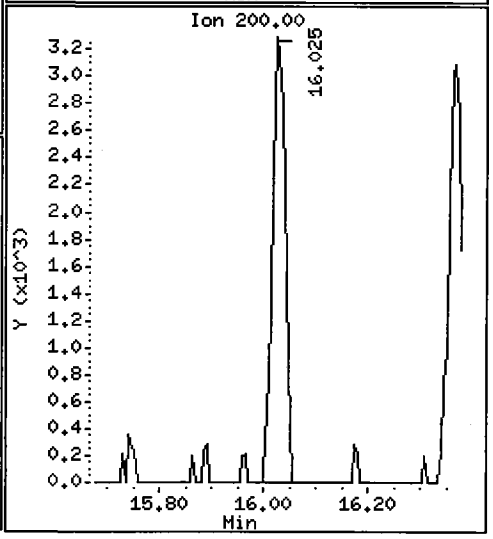


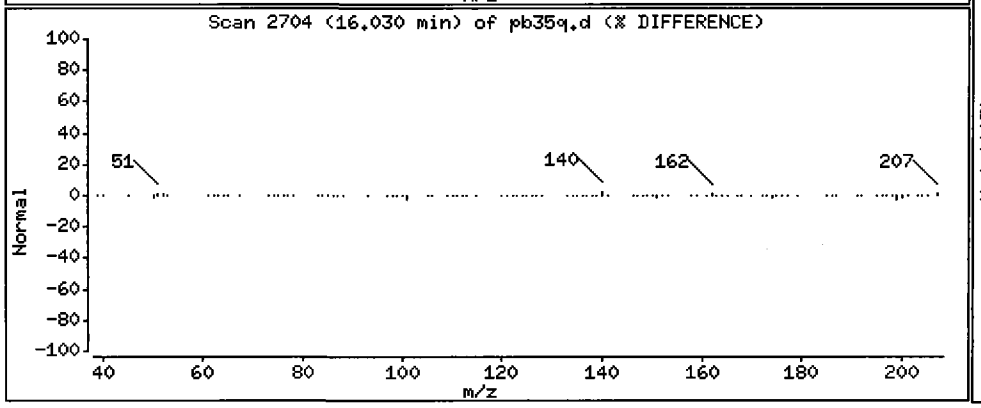












Data File: /chem1/nt6.i/20090615.b/pb35q.d

Date : 15-JUN-2009 21:11

Client ID: 3SED12-B

Instrument: nt6.i

Sample Info: PB35Q

Volume Injected (uL): 1.0

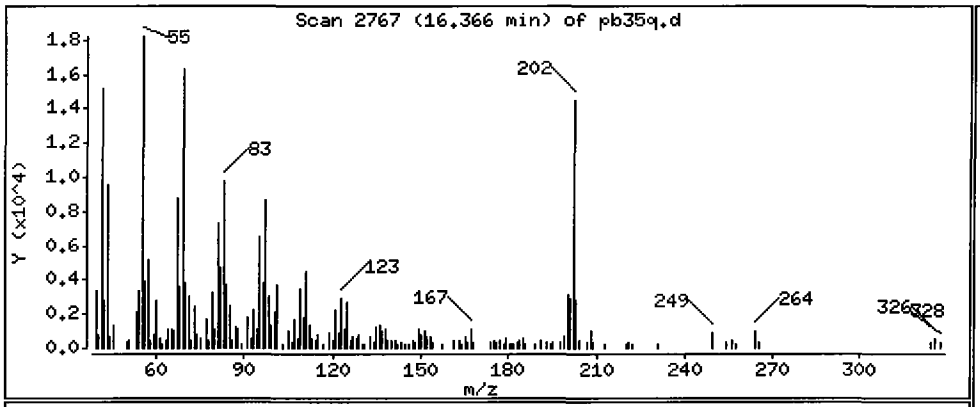
Operator: LJR/VTS

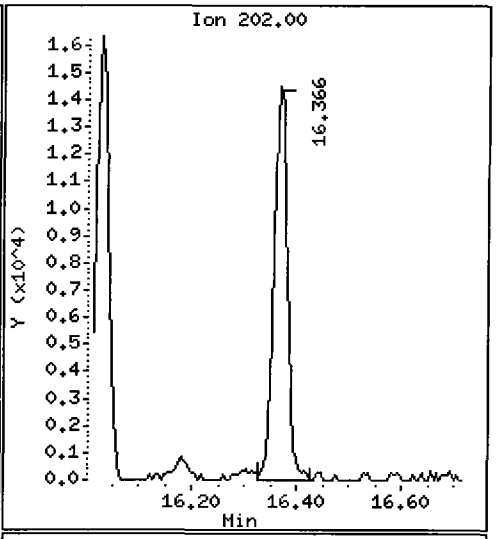
Column phase: ZB-5

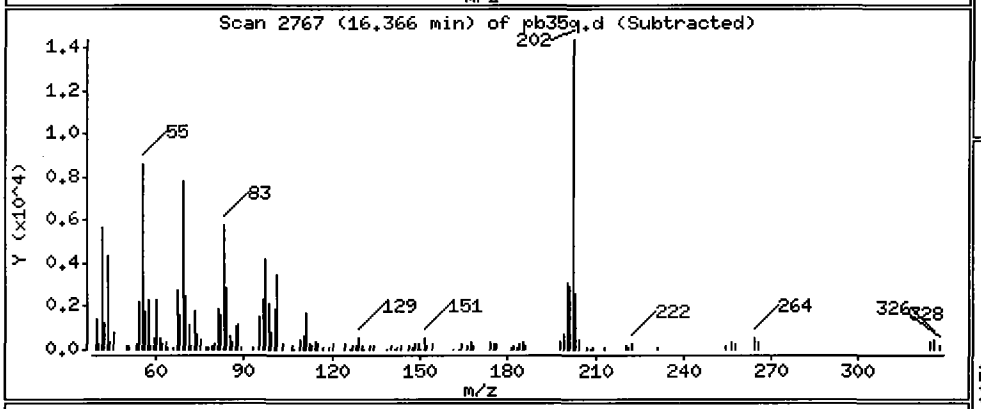
Column diameter: 0.32

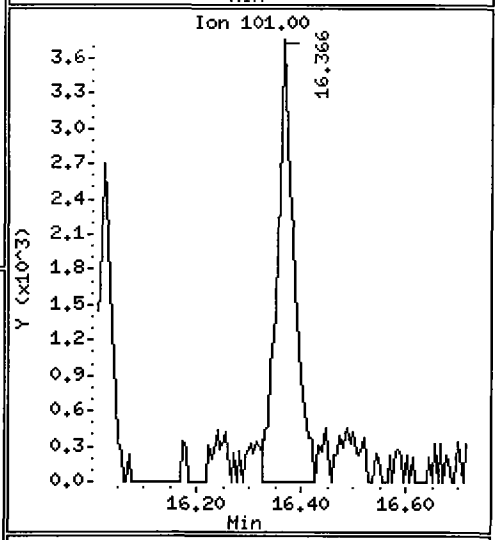
65 Pyrene

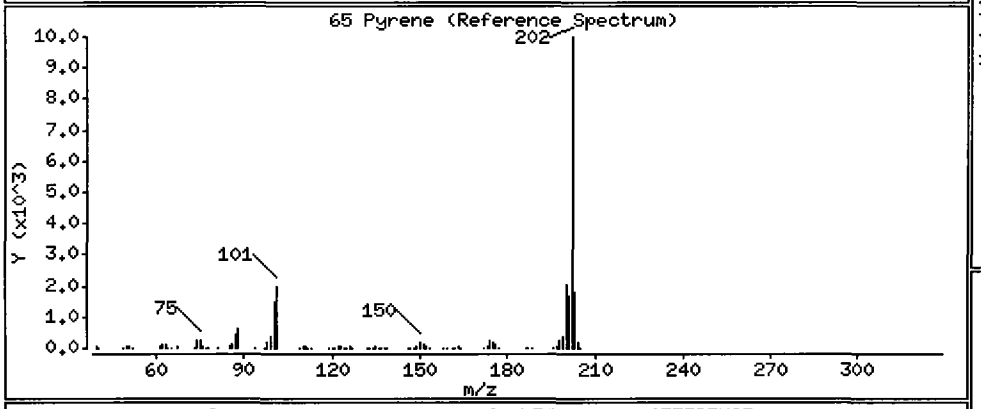
Concentration: 18.80 ug/kg

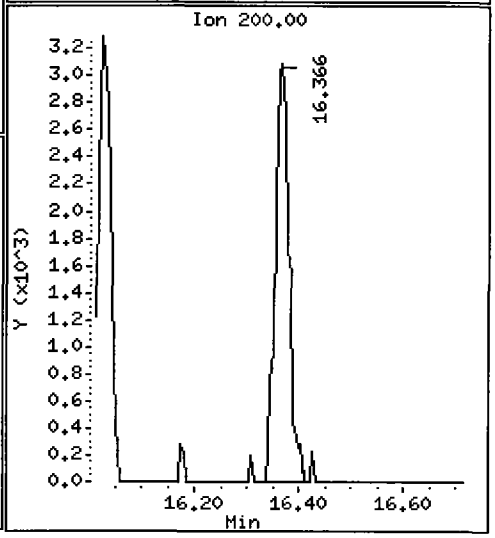


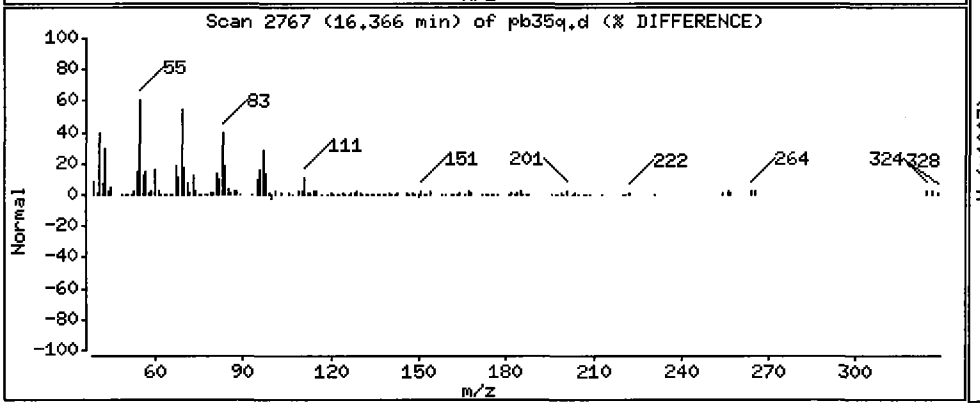












Data File: /chem1/nt6.i/20090615.b/pb35q.d

Date : 15-JUN-2009 21:11

Client ID: 3SED12-B

Instrument: nt6.i

Sample Info: PB35Q

Volume Injected (uL): 1.0

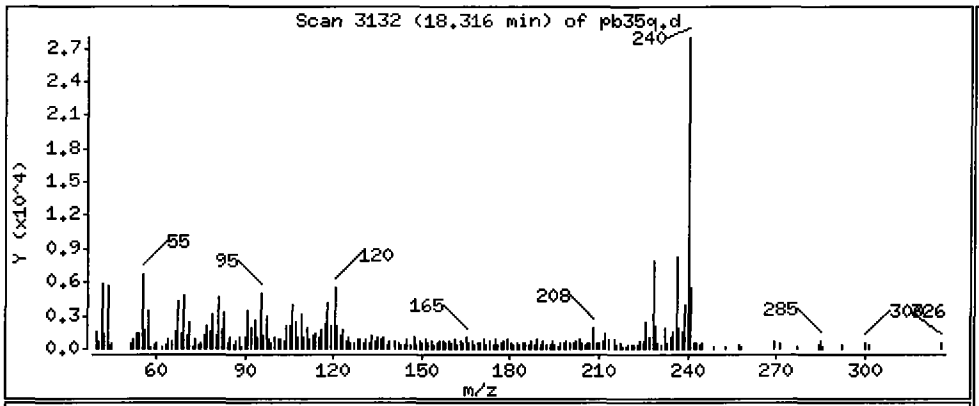
Operator: LJR/VTS

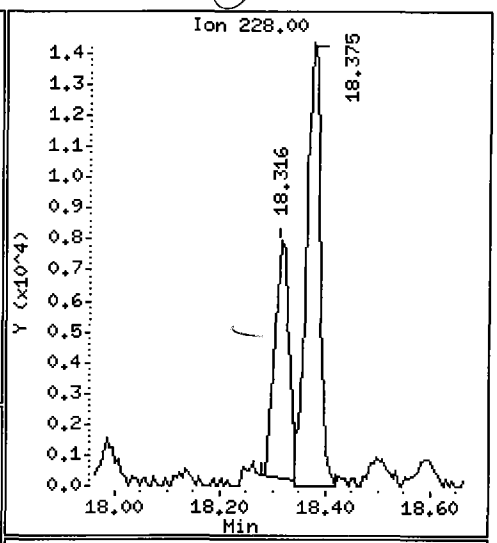
Column phase: ZB-5

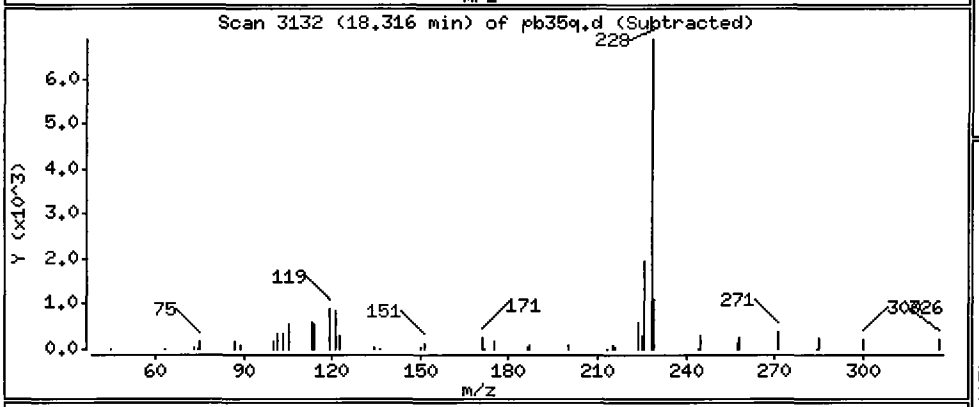
Column diameter: 0.32

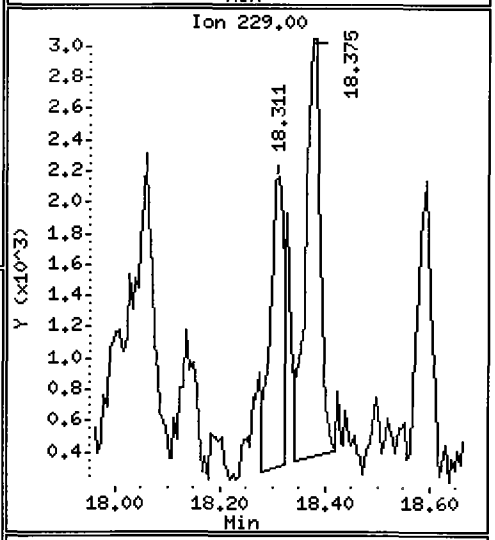
68 Benzo(a)anthracene

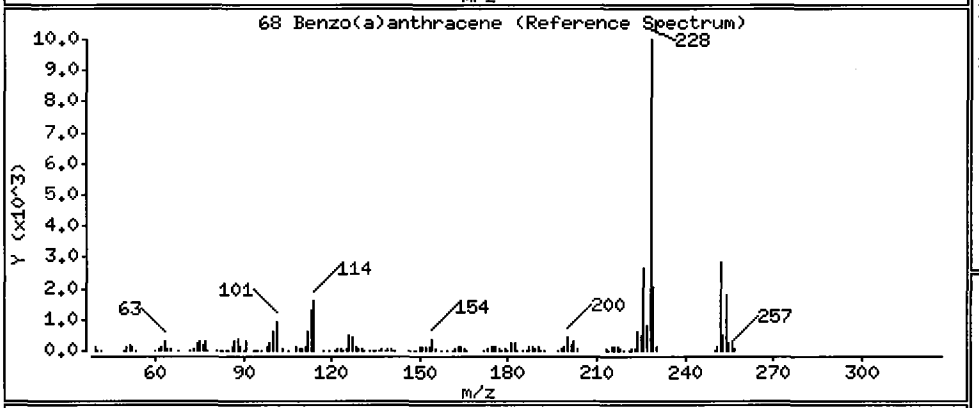
Concentration: 11.87 ug/kg

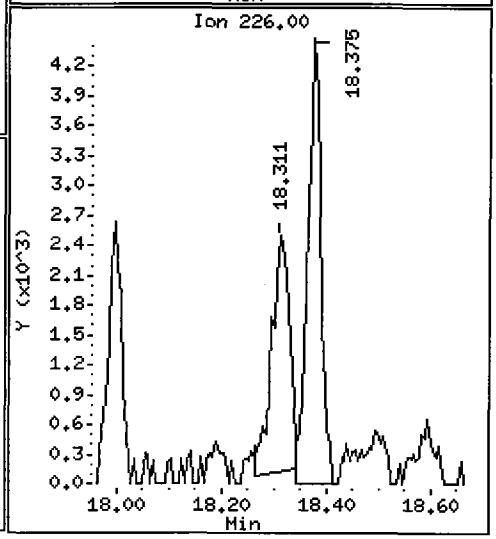


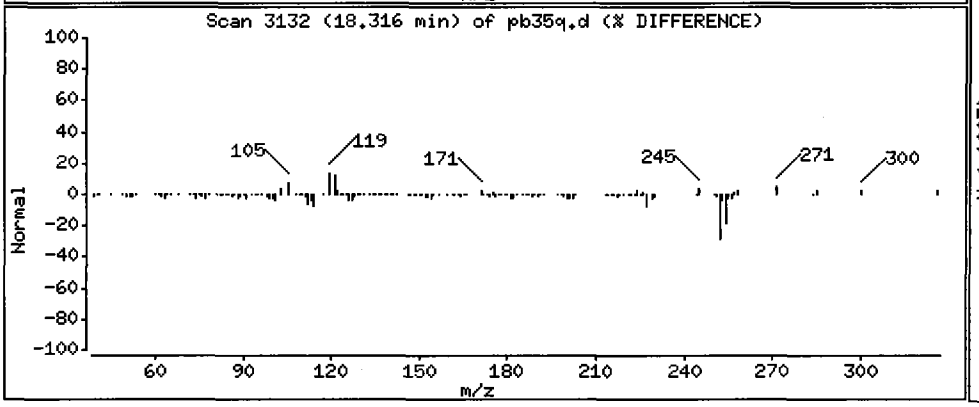












Data File: /chem1/nt6.i/20090615.b/pb35q.d

Date : 15-JUN-2009 21:11

Client ID: 3SED12-B

Instrument: nt6.i

Sample Info: PB35Q

Volume Injected (uL): 1.0

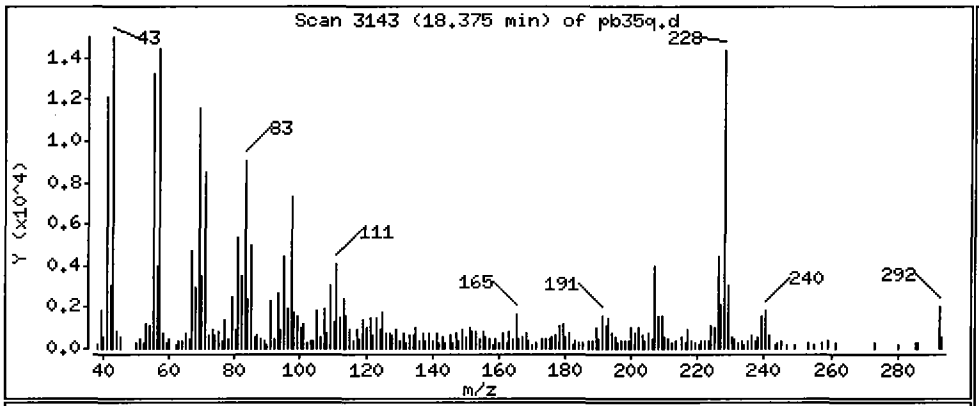
Operator: LJR/VTS

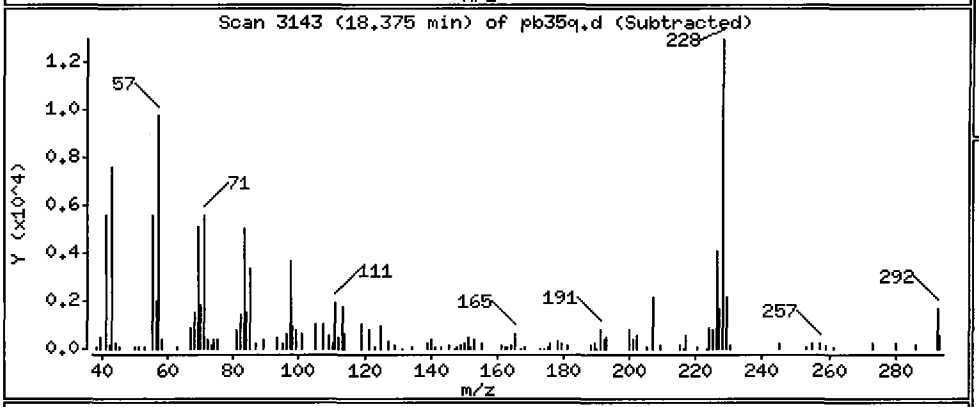
Column phase: ZB-5

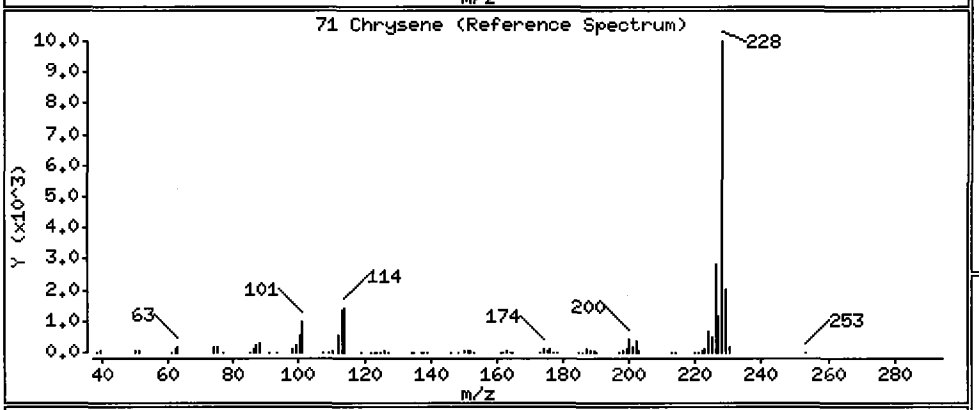
Column diameter: 0.32

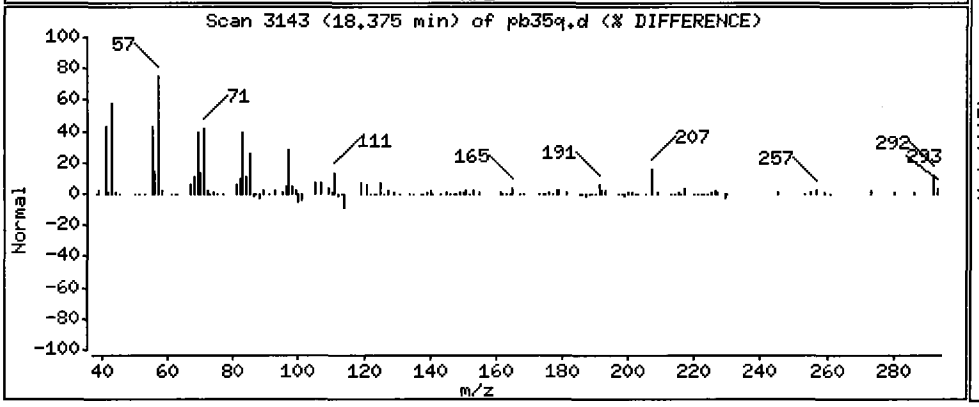
71 Chrysene

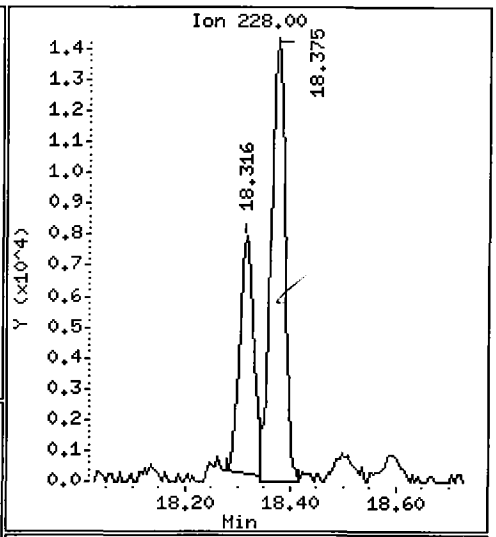
Concentration: 22.75 ug/kg

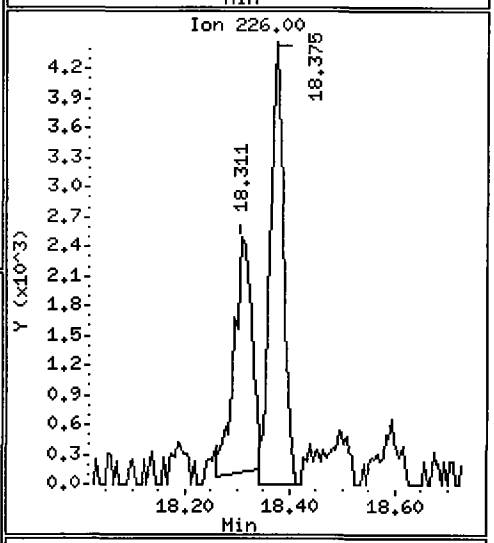


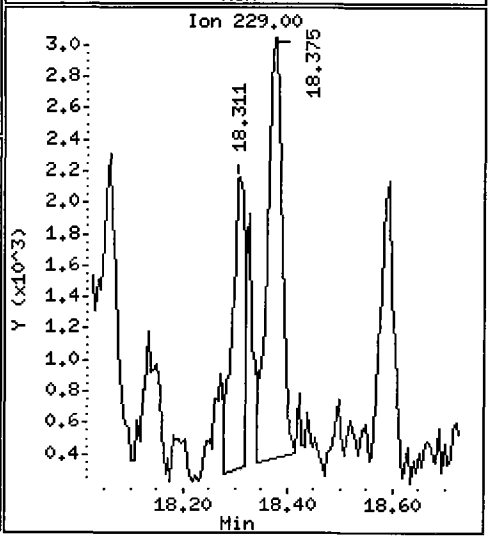












Data File: /chem1/nt6.i/20090615.b/pb35q.d

Date : 15-JUN-2009 21:11

Client ID: 3SED12-B

Instrument: nt6.i

Sample Info: PB35Q

Volume Injected (uL): 1.0

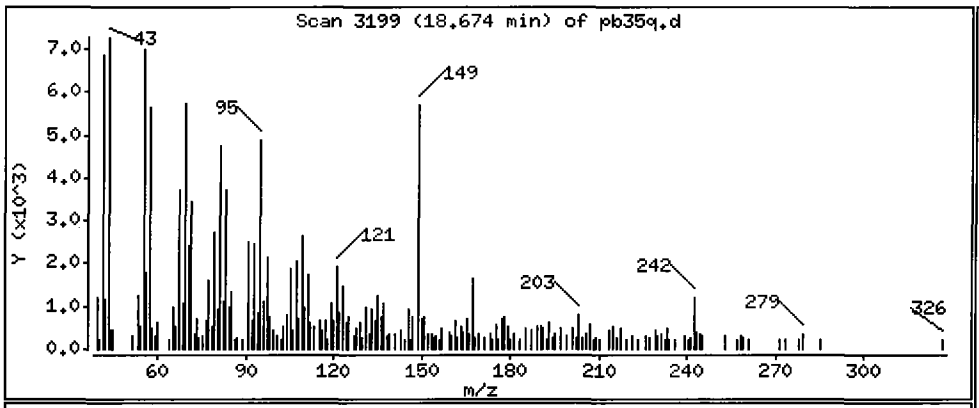
Operator: LJR/VTS

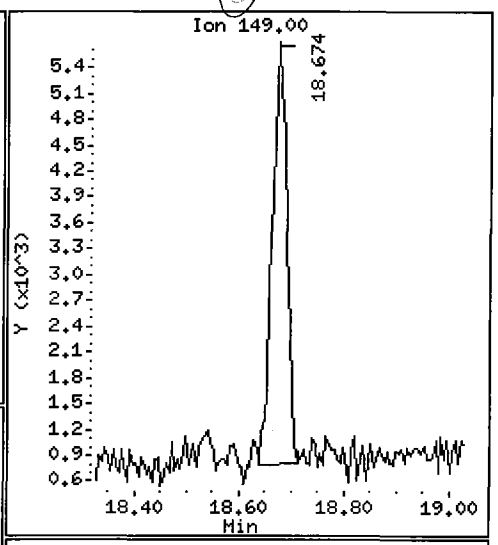
Column phase: ZB-5

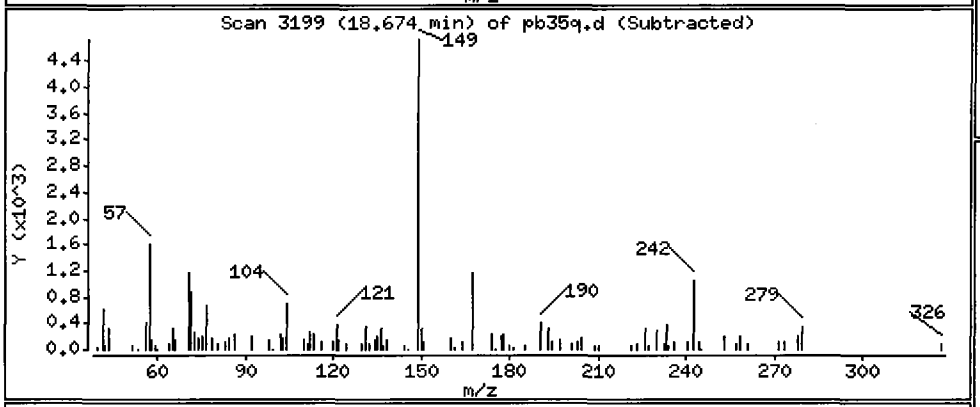
Column diameter: 0.32

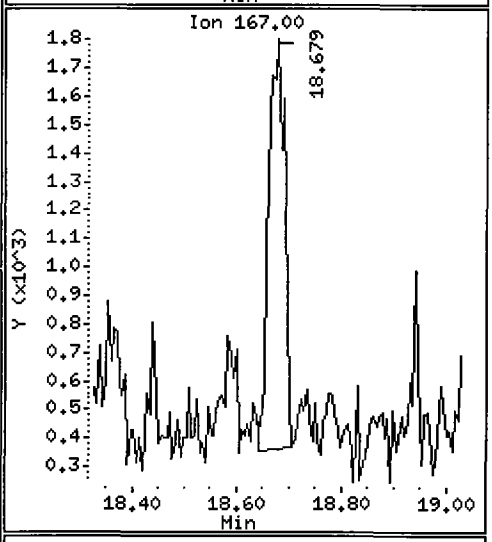
72 bis(2-Ethylhexyl)phthalate

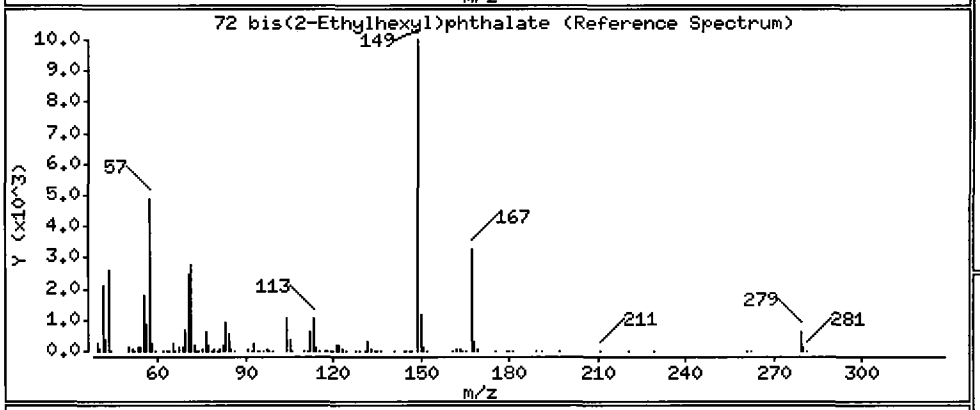
Concentration: 12.66 ug/kg

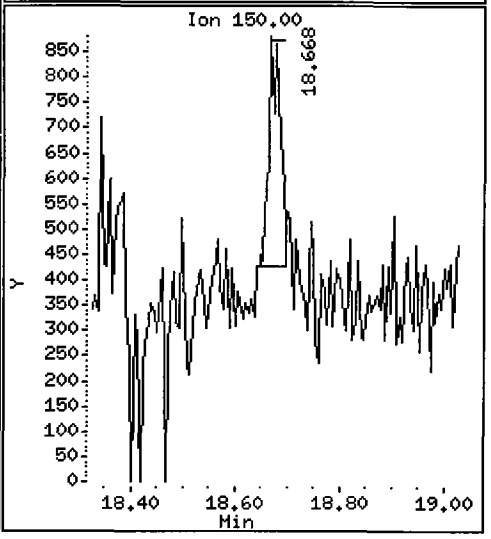


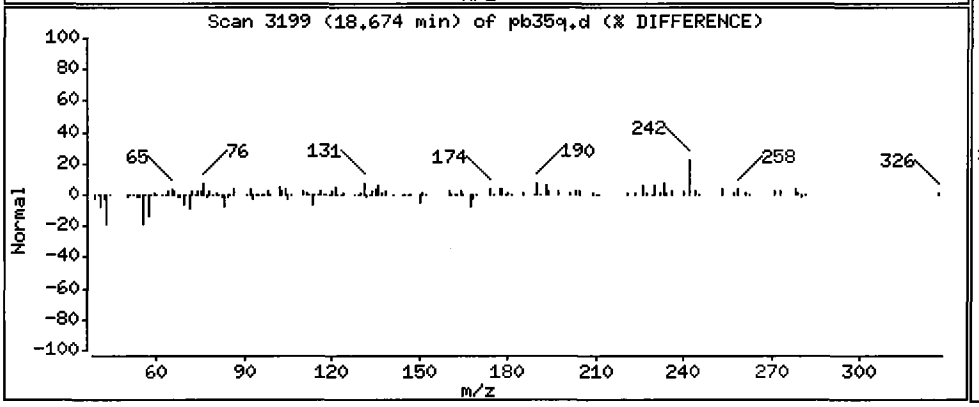












Data File: /chem1/nt6.i/20090615.b/pb35q.d

Date : 15-JUN-2009 21:11

Client ID: 3SED12-B

Instrument: nt6.i

Sample Info: PB35Q

Volume Injected (uL): 1.0

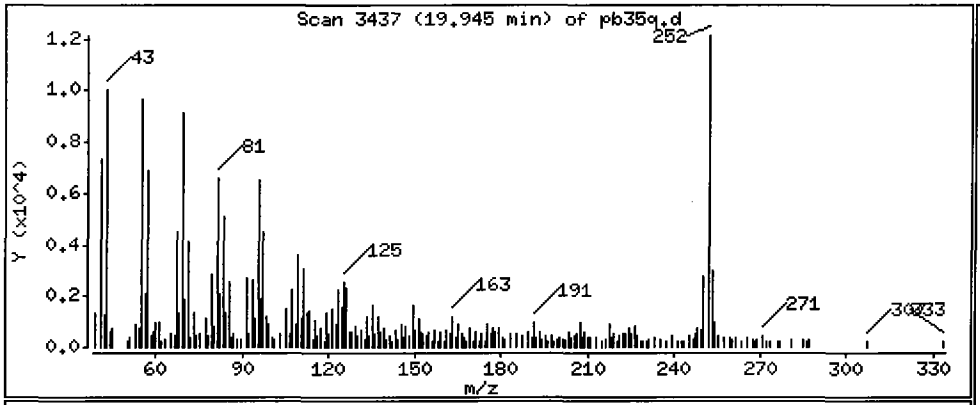
Operator: LJR/VTS

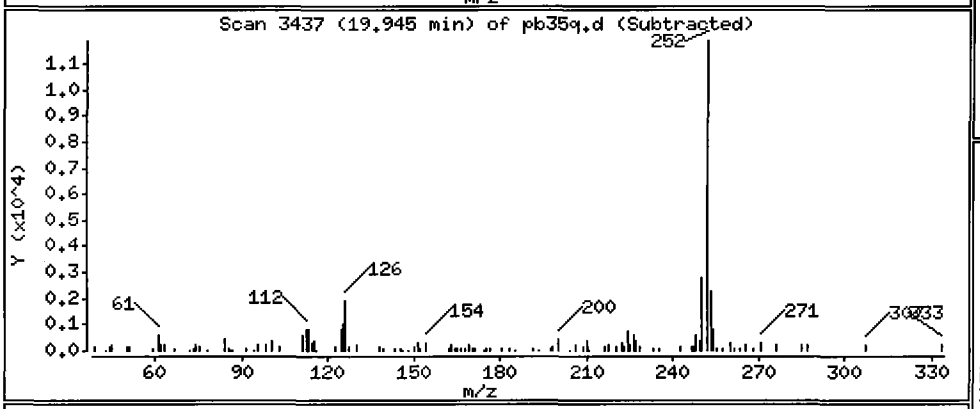
Column phase: ZB-5

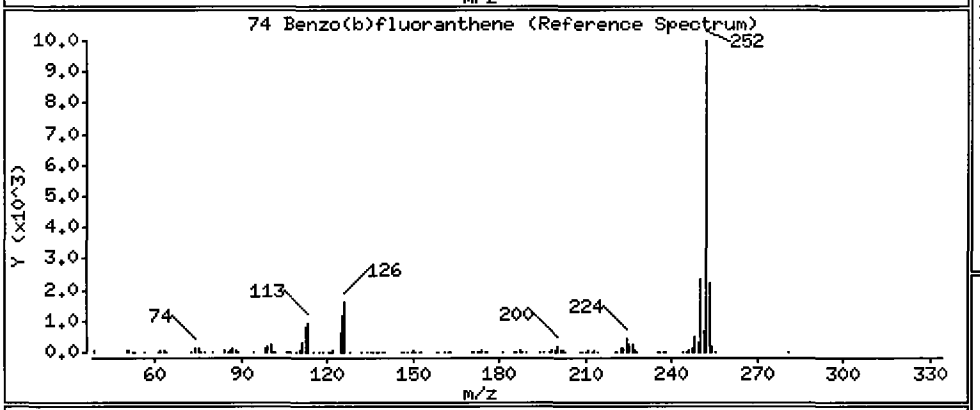
Column diameter: 0.32

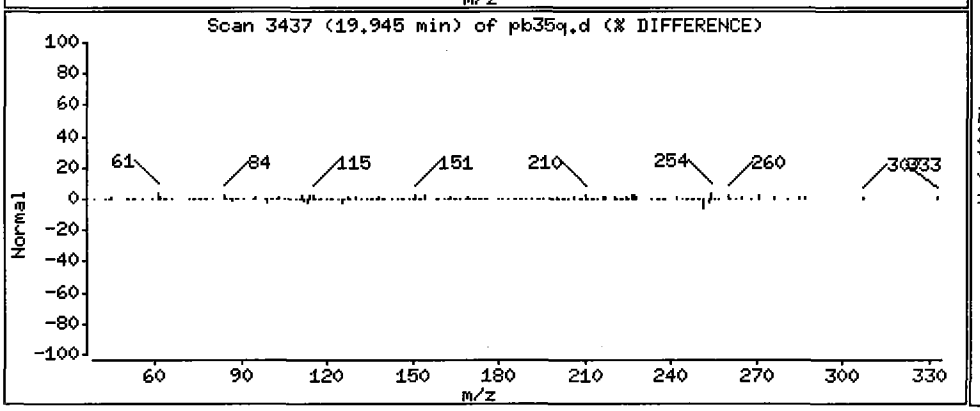
74 Benzo(b)fluoranthene

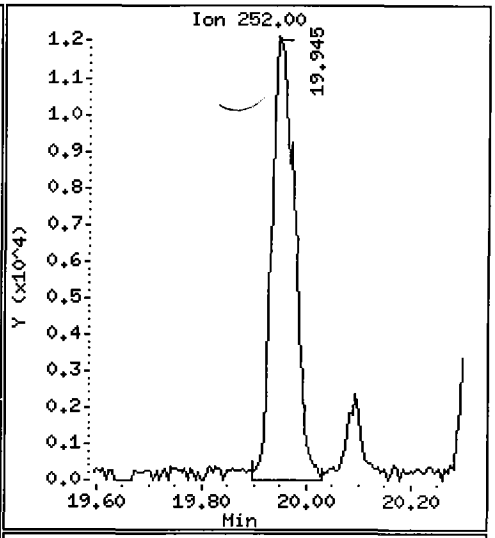
Concentration: 28.52 ug/kg

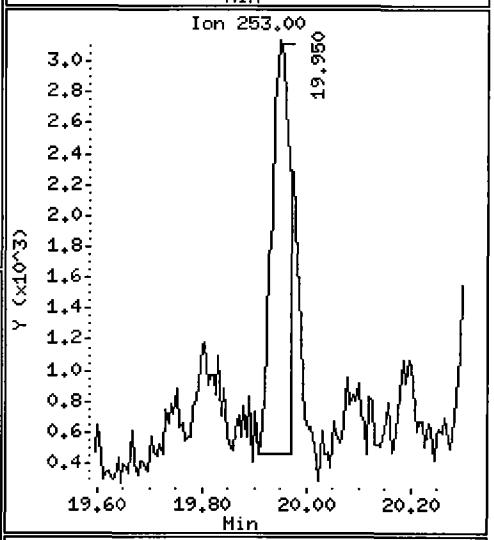


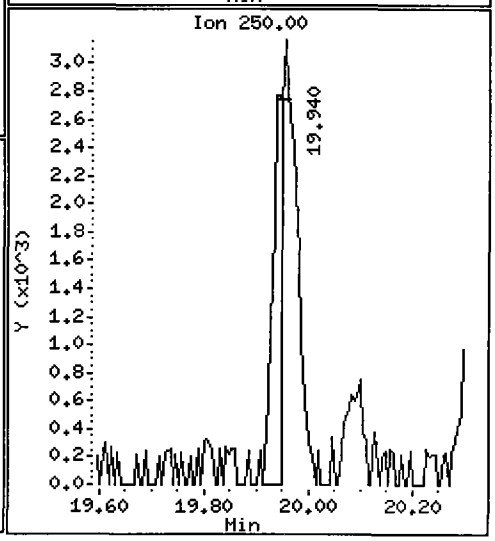












Data File: /chem1/nt6.i/20090615.b/pb35q.d

Date : 15-JUN-2009 21:11

Client ID: 3SED12-B

Instrument: nt6.i

Sample Info: PB35Q

Volume Injected (uL): 1.0

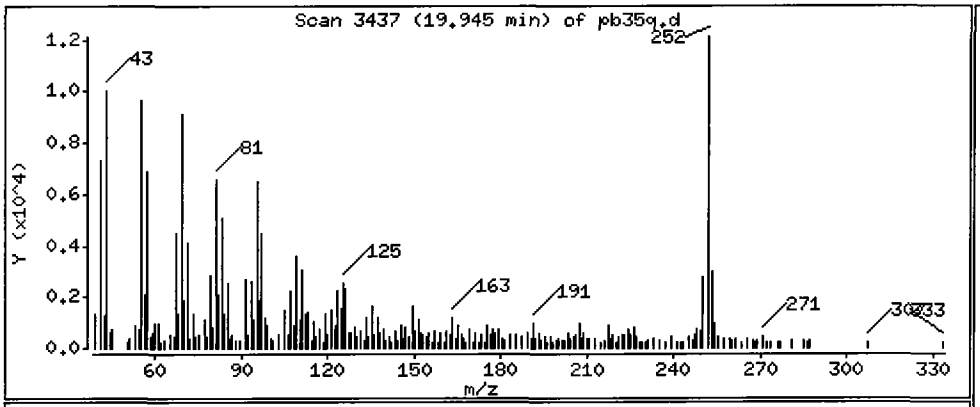
Operator: LJR/VTS

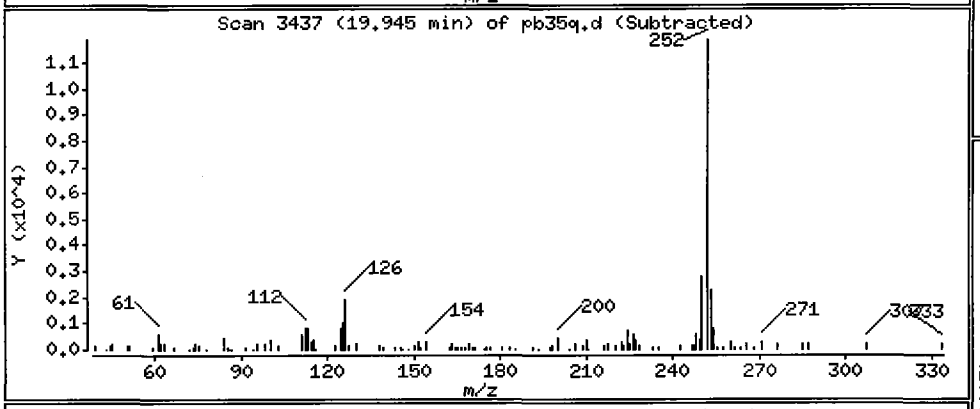
Column phase: ZB-5

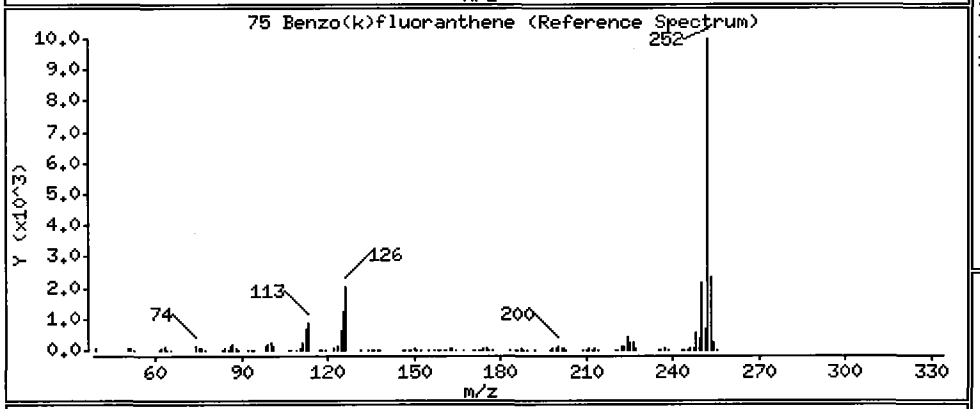
Column diameter: 0.32

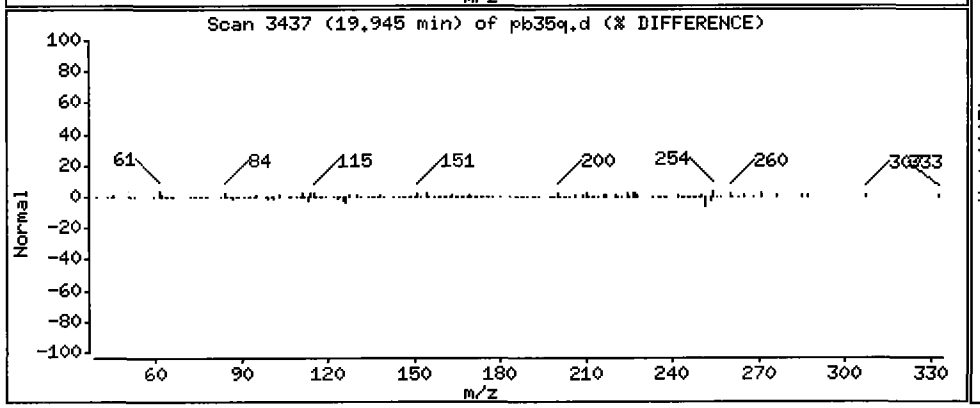
75 Benzo(k)fluoranthene

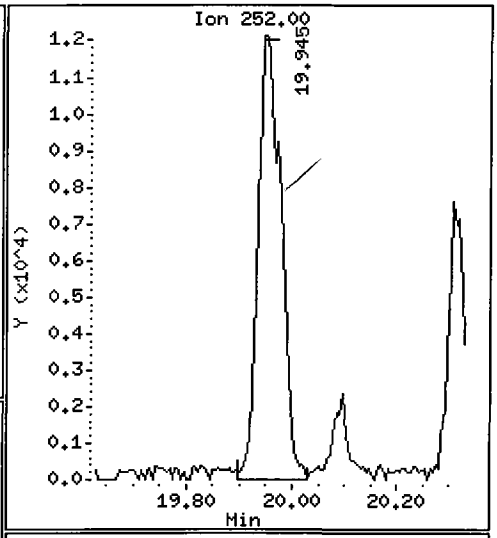
Concentration: 27.77 ug/kg

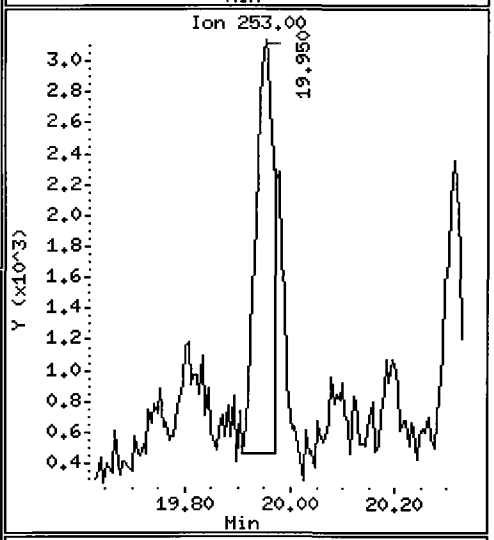


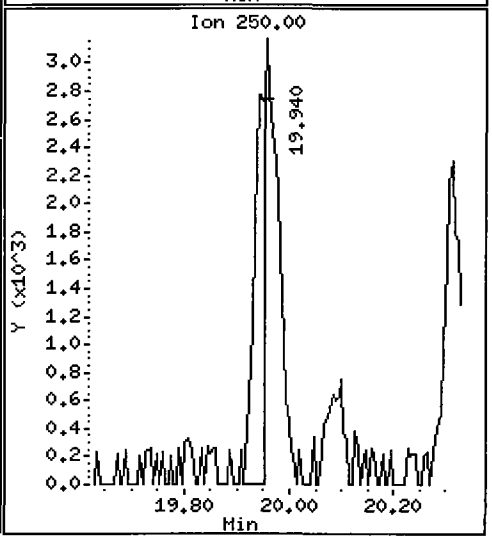












Data File: /chem1/nt6.i/20090615.b/pb35q.d

Date : 15-JUN-2009 21:11

Client ID: 3SED12-B

Instrument: nt6.i

Sample Info: PB35Q

Volume Injected (uL): 1.0

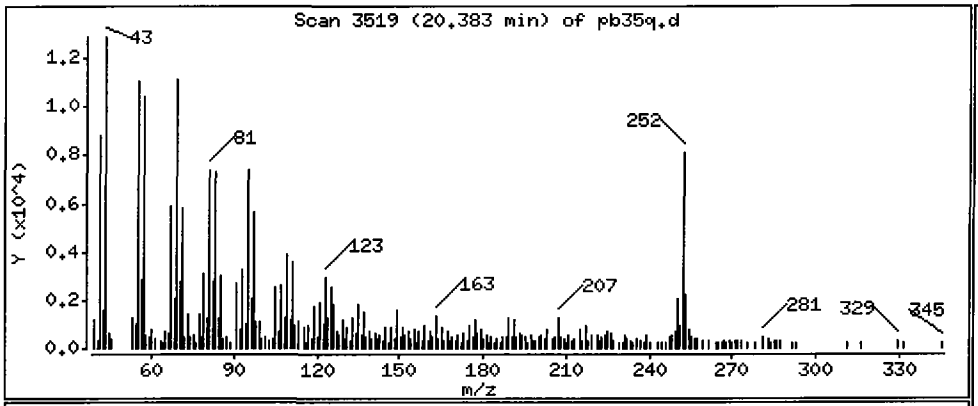
Operator: LJR/VTS

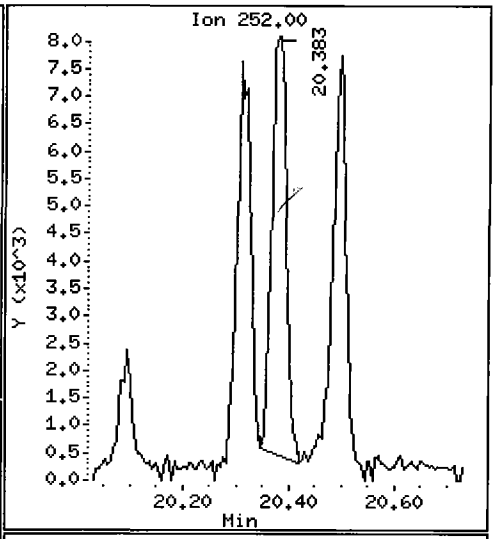
Column phase: ZB-5

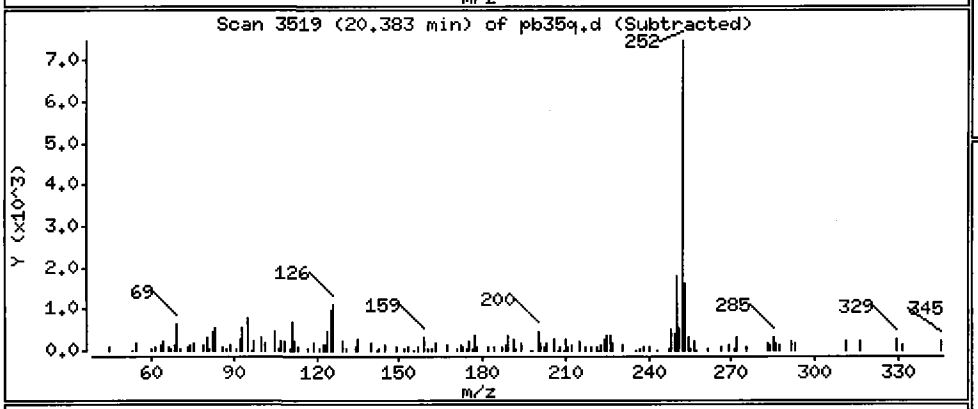
Column diameter: 0.32

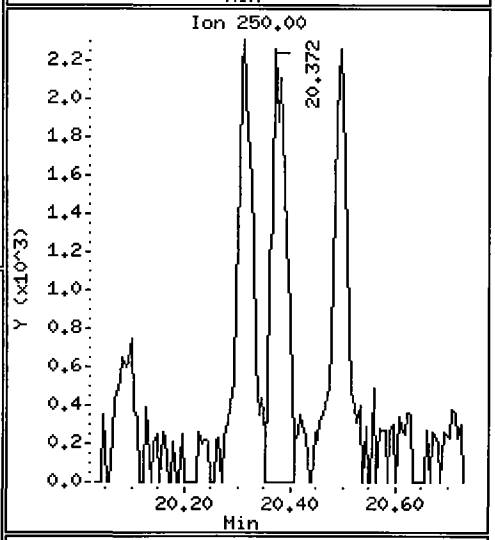
76 Benzo(a)pyrene

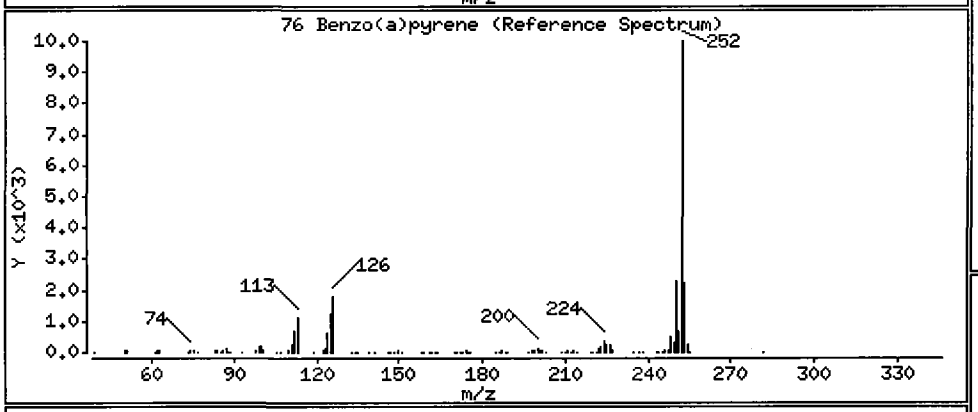
Concentration: 12.24 ug/kg

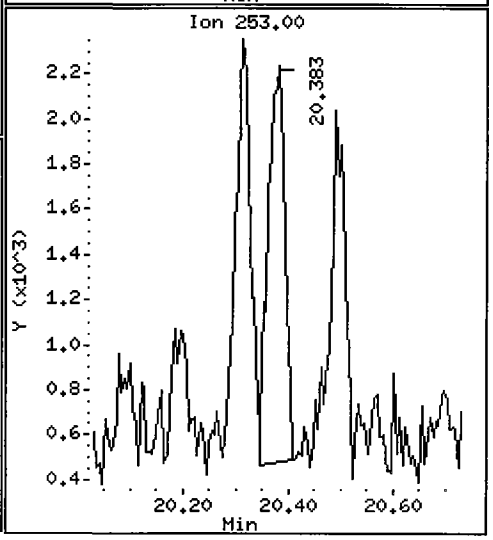


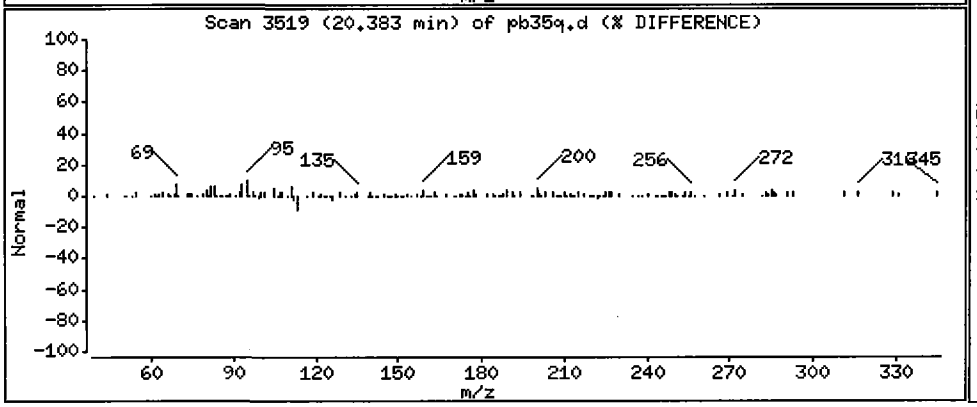












Semivolatile Analysis
Standard Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

6B

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT6 Calibration Date: 06/11/09

LAB FILE ID: RRF1 =0010611A RRF5 =0050611A RRF10 =0100611
RRF25 =0250611 RRF40 =0400611 RRF80 =0800611

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	___ RRF	%RSD /R^2
Phenol	2.265	2.610	2.555	2.385	2.312	2.223	2.392	6.6
Bis(2-Chloroethyl)ether	1.850	1.945	1.869	1.793	1.701	1.674	1.805	5.8
2-Chlorophenol	1.446	1.637	1.620	1.488	1.454	1.418	1.510	6.2
1,3-Dichlorobenzene	1.684	1.781	1.701	1.616	1.555	1.530	1.644	5.8
1,4-Dichlorobenzene	1.625	1.767	1.706	1.635	1.582	1.566	1.647	4.6
1,2-Dichlorobenzene	1.655	1.722	1.696	1.565	1.550	1.511	1.616	5.3
Benzyl alcohol	1.012	1.232	1.150	1.159	1.085	1.079	1.120	6.9
2,2'-oxybis(1-Chloropropane)	2.171	2.457	2.310	2.248	2.155	2.076	2.236	6.0
2-Methylphenol	1.418	1.691	1.676	1.586	1.542	1.482	1.566	6.9
Hexachloroethane	0.702	0.823	0.802	0.758	0.759	0.724	0.761	6.0
N-Nitroso-di-n-propylamine	1.480	1.652	1.537	1.490	1.412	1.336	1.484	7.3
4-Methylphenol	1.451	1.758	1.681	1.617	1.571	1.527	1.601	6.9
Nitrobenzene	0.650	0.718	0.684	0.609	0.607	0.558	0.638	9.1
Isophorone	1.069	1.176	1.144	1.035	1.034	0.938	1.066	8.0
2-Nitrophenol		0.235	0.237	0.230	0.232	0.226	0.232	1.8
2,4-Dimethylphenol	0.476	0.533	0.547	0.502	0.516	0.477	0.508	5.7
Bis(2-Chloroethoxy)methane	0.587	0.636	0.613	0.585	0.568	0.536	0.588	6.0
2,4-Dichlorophenol	0.256	0.332	0.351	0.353	0.352	0.342	0.331	11.4
1,2,4-Trichlorobenzene	0.401	0.427	0.410	0.393	0.400	0.381	0.402	3.9
Naphthalene	1.245	1.284	1.256	1.149	1.143	1.056	1.189	7.3
Benzoic acid		0.260	0.304	0.320	0.360	0.344	0.318	12.2
4-Chloroaniline	0.467	0.547	0.528	0.516	0.525	0.492	0.512	5.6
Hexachlorobutadiene	0.229	0.232	0.230	0.223	0.217	0.219	0.225	2.8
4-Chloro-3-methylphenol		0.413	0.419	0.425	0.440	0.399	0.419	3.6
2-Methylnaphthalene	0.651	0.700	0.671	0.641	0.632	0.592	0.648	5.7
Hexachlorocyclopentadiene		0.200	0.253	0.326	0.384	0.385	0.310	0.991
2,4,6-Trichlorophenol		0.422	0.434	0.414	0.442	0.422	0.427	2.6
2,4,5-Trichlorophenol		0.422	0.433	0.431	0.457	0.444	0.437	3.1
2-Chloronaphthalene	1.288	1.439	1.360	1.316	1.298	1.288	1.332	4.5
2-Nitroaniline		0.568	0.552	0.568	0.552	0.529	0.554	2.9
Acenaphthylene	1.909	2.170	2.062	1.994	1.922	1.869	1.988	5.7
Dimethylphthalate	1.391	1.604	1.525	1.410	1.453	1.371	1.459	6.2
2,6-Dinitrotoluene		0.323	0.316	0.313	0.322	0.312	0.317	1.6
Acenaphthene	1.270	1.358	1.326	1.194	1.217	1.161	1.254	6.2
3-Nitroaniline		0.366	0.359	0.354	0.375	0.357	0.362	2.4
2,4-Dinitrophenol		0.045	0.085	0.131	0.172	0.184	0.123	0.996
Dibenzofuran	1.818	1.991	1.861	1.765	1.776	1.665	1.813	6.0

<- Outside QC limits: %RSD <20% or R^2 > 0.990

FORM VI SV-1

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT6 Calibration Date: 06/11/09

LAB FILE ID: RRF1 =0010611A RRF5 =0050611A RRF10 =0100611
RRF25 =0250611 RRF40 =0400611 RRF80 =0800611

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	___ RRF	%RSD /R^2
4-Nitrophenol		0.206	0.225	0.232	0.249	0.241	0.231	7.2
2,4-Dinitrotoluene		0.418	0.410	0.402	0.421	0.406	0.411	1.9
Fluorene	1.462	1.602	1.529	1.441	1.478	1.383	1.482	5.1
4-Chlorophenyl-phenylether	0.751	0.787	0.751	0.684	0.724	0.692	0.732	5.4
Diethylphthalate	1.330	1.415	1.382	1.301	1.286	1.254	1.328	4.6
4-Nitroaniline		0.325	0.330	0.304	0.332	0.317	0.322	3.5
4,6-Dinitro-2-methylphenol		0.118	0.142	0.157	0.167	0.169	0.151	14.0
N-Nitrosodiphenylamine (1)	0.612	0.674	0.656	0.620	0.593	0.589	0.624	5.5
4-Bromophenyl-phenylether	0.231	0.272	0.262	0.262	0.246	0.253	0.254	5.8
Hexachlorobenzene	0.256	0.278	0.261	0.261	0.245	0.255	0.259	4.2
Pentachlorophenol		0.095	0.106	0.122	0.130	0.140	0.119	15.3
Phenanthrene	1.295	1.380	1.341	1.256	1.198	1.148	1.270	6.9
Anthracene	1.326	1.383	1.356	1.274	1.220	1.163	1.287	6.6
Carbazole	1.060	1.135	1.112	1.070	0.978	0.992	1.058	6.0
Di-n-butylphthalate	1.190	1.392	1.345	1.319	1.198	1.148	1.265	7.9
Fluoranthene	1.250	1.448	1.384	1.308	1.216	1.169	1.296	8.1
Pyrene	1.612	1.819	1.706	1.767	1.613	1.423	1.657	8.5
Butylbenzylphthalate	0.624	0.718	0.705	0.714	0.658	0.595	0.669	7.8
Benzo(a)anthracene	1.451	1.559	1.541	1.529	1.402	1.375	1.476	5.3
3,3'-Dichlorobenzidine		0.596	0.563	0.509	0.518	0.519	0.541	6.9
Chrysene	1.444	1.482	1.446	1.445	1.319	1.345	1.414	4.6
bis(2-Ethylhexyl)phthalate	0.559	0.691	0.659	0.655	0.614	0.544	0.620	9.5
Di-n-octylphthalate	1.142	1.179	1.134	1.076	1.000	0.936	1.078	8.7
Benzo(b)fluoranthene	1.322	1.410	1.585	1.495	1.546	1.337	1.449	7.6
Benzo(k)fluoranthene	1.541	1.792	1.471	1.406	1.341	1.380	1.488	11.1
Benzo(a)pyrene	1.265	1.386	1.355	1.297	1.320	1.248	1.312	4.0
Indeno(1,2,3-cd)pyrene	1.654	1.794	1.728	1.752	1.749	1.817	1.749	3.3
Dibenzo(a,h)anthracene	1.196	1.391	1.367	1.303	1.341	1.369	1.328	5.3
Benzo(g,h,i)perylene	1.422	1.577	1.555	1.544	1.521	1.552	1.528	3.6
N-Nitrosodimethylamine		1.372	1.327	1.282	1.192	1.163	1.267	7.0
Aniline		3.358	3.140	3.033	2.861	2.774	3.033	7.6
Benzidine		0.862	0.828	0.758	0.709	0.640	0.759	11.8
Pyridine		2.266	2.228	2.208	2.111	2.055	2.174	4.0
1-methylnaphthalene	0.621	0.676	0.645	0.606	0.606	0.566	0.620	6.0
Azobenzene (1,2-DP-Hydrazine	2.044	2.356	2.243	2.111	2.088	1.911	2.126	7.3
2-Fluorophenol		1.783	1.701	1.642	1.589	1.529	1.649	6.0

(1) Cannot be seperated from Diphenylamine

<- Outside QC limits: %RSD <20% or R^2 > 0.990

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT6 Calibration Date: 06/11/09

LAB FILE ID: RRF1 =0010611A RRF5 =0050611A RRF10 =0100611
RRF25 =0250611 RRF40 =0400611 RRF80 =0800611

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	___ RRF	%RSD /R^2
Phenol-d5	2.050	2.485	2.242	2.245	2.172	2.090	2.214	7.0
2-Chlorophenol-d4		1.394	1.368	1.337	1.335	1.311	1.349	2.4
1,2-Dichlorobenzene-d4	0.979	1.055	0.989	0.988	0.989	0.976	0.996	3.0
Nitrobenzene-d5		0.683	0.640	0.591	0.601	0.555	0.614	8.0
2-Fluorobiphenyl		1.628	1.520	1.455	1.416	1.408	1.485	6.1
2,4,6-Tribromophenol		0.191	0.180	0.180	0.203	0.199	0.191	5.6
Terphenyl-d14		1.142	1.071	1.100	1.081	0.946	1.068	6.9

<- Outside QC limits: %RSD <20% or R^2 > 0.990

FORM VI SV-3

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Calibration File Names:
Level 1: /chem1/nt6.i/20090611.b/0010611a.d
Level 2: /chem1/nt6.i/20090611.b/0050611a.d
Level 3: /chem1/nt6.i/20090611.b/0100611.d
Level 4: /chem1/nt6.i/20090611.b/0250611.d
Level 5: /chem1/nt6.i/20090611.b/0400611.d
Level 6: /chem1/nt6.i/20090611.b/0800611.d

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
186 Carbaryl	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
179 n-Decane	1.93648	2.02034	1.93691	1.81518	1.73957	1.70040	1.85815	6.783	
180 n-Octadecane	0.63447	0.69900	0.68249	0.65372	0.61449	0.58443	0.64476	6.619	
169 4-tert-Butylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
170 N,N-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
171 2,3-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
172 2,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
173 2,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
174 2,6-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
175 3,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
176 3,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
177 p-Benzoquinone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
168 Pentachlorobenzene	0.54637	0.57565	0.53806	0.50207	0.51901	0.50261	0.53063	5.374	
145 4,4'-DDE	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
146 4,4'-DDD	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
147 4,4'-DDT	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
148 Dieldrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
149 TCMX	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
150 DCBP	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
133 Butylatedhydroxytoluene	1.18630	1.23671	1.19275	1.13261	1.09394	1.07877	1.15351	5.359	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
144 alpha-Terpineol	0.35631	0.38680	0.37345	0.35734	0.35653	0.32786	0.35971	5.510	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
123 Acetophenone	2.14252	2.45076	2.32833	2.15112	2.09332	1.96048	2.18776	7.993	
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
143 1,4-Dioxane	0.83927	0.89623	0.86543	0.86821	0.78994	0.86418	0.85388	4.235	
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
178 2-Benzyl-4-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
118 Triphenyl Phosphate	0.22409	0.23922	0.23167	0.22604	0.22042	0.20321	0.22411	5.427	
117 Butyl Diphenyl Phosphate	0.29348	0.39306	0.36139	0.38486	0.35012	0.31416	0.34951	11.210	
116 Dibutyl Phenyl Phosphate	0.55840	0.66353	0.64744	0.64715	0.60990	0.60415	0.62176	6.235	
115 Tributyl Phosphate	1.15650	1.31263	1.26356	1.23512	1.12969	1.07756	1.19585	7.450	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
113 Diphenyl Oxide	+++++	0.95514	0.91628	0.89265	0.88559	0.87004	0.90394	3.664	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
112 Biphenyl	+++++	1.98994	1.85741	1.77575	1.71055	1.64707	1.79614	7.432	
111 Azobenzene (1,2-DP-Hydrazine)	2.04425	2.35569	2.24262	2.11099	2.08831	1.91067	2.12542	7.321	
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
181 3,4,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
184 3,4-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
107 4,5-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
182 4,6-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
185 4-Chloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105 1-methylnaphthalene	0.62132	0.67609	0.64493	0.60641	0.60656	0.56618	0.62025	6.046	
151 1,2,4,5-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
152 Benzo(e)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
153 Chlorpyrifos	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
154 Diazinon	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
155 Kelthane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
156 Methyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
157 Ethyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
158 Ethion	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
159 4-Nonylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
160 Tetraethyl Tin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
161 1,2,3-Trichloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
162 1,2,3,4-Tetrachloronapthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
163 1,2,3,5,8-Pentachloronaphthal	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
164 1,2,3,4,6,7-Hexachloronaphtha	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
165 1,2,3,4,5,6,7-Heptachloronaph	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
166 Octachloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
167 2,2',4,4',5-Pentabromobipheny	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	___ RRF	% RSD	
3 Phenol	2.26483	2.60958	2.55462	2.38487	2.31164	2.22337	2.39148	6.609	
4 Bis(2-Chloroethyl)ether	1.84957	1.94500	1.86939	1.79277	1.70067	1.67383	1.80520	5.755	
6 2-Chlorophenol	1.44644	1.63675	1.61950	1.48831	1.45451	1.41784	1.51056	6.220	
7 1,3-Dichlorobenzene	1.68410	1.78101	1.70131	1.61602	1.55526	1.52968	1.64456	5.793	
9 1,4-Dichlorobenzene	1.62523	1.76681	1.70564	1.63526	1.58167	1.56649	1.64685	4.637	
11 Benzyl alcohol	1.01209	1.23222	1.15015	1.15926	1.08469	1.07883	1.11954	6.876	
12 1,2-Dichlorobenzene	1.65546	1.72184	1.69655	1.56504	1.55043	1.51115	1.61674	5.330	
13 2-Methylphenol	1.41840	1.69131	1.67647	1.58617	1.54235	1.48224	1.56616	6.857	
14 2,2'-oxybis(1-Chloropropane)	2.17076	2.45748	2.30988	2.24813	2.15546	2.07602	2.23629	6.032	
15 4-Methylphenol	1.45062	1.75836	1.68103	1.61725	1.57111	1.52673	1.60085	6.869	
16 N-Nitroso-di-n-propylamine	1.48025	1.65184	1.53743	1.48985	1.41242	1.33583	1.48460	7.264	
17 Hexachloroethane	0.70184	0.82303	0.80199	0.75822	0.75895	0.72355	0.76126	6.003	
19 Nitrobenzene	0.64981	0.71770	0.68458	0.60876	0.60664	0.55810	0.63760	9.113	
20 Isophorone	1.06924	1.17638	1.14440	1.03527	1.03418	0.93847	1.06632	8.019	
21 2-Nitrophenol	+++++	0.23498	0.23701	0.23055	0.23247	0.22631	0.23226	1.779	
22 2,4-Dimethylphenol	0.47587	0.53302	0.54665	0.50189	0.51574	0.47708	0.50838	5.704	
23 Bis(2-Chloroethoxy)methane	0.58669	0.63648	0.61290	0.58538	0.56761	0.53555	0.58743	5.967	
24 Benzoic acid	+++++	0.25997	0.30430	0.31969	0.35997	0.34452	0.31769	12.213	
25 2,4-Dichlorophenol	0.25579	0.33238	0.35107	0.35290	0.35246	0.34166	0.33104	11.395	
26 1,2,4-Trichlorobenzene	0.40100	0.42746	0.40992	0.39333	0.39974	0.38072	0.40203	3.925	
28 Naphthalene	1.24487	1.28380	1.25651	1.14947	1.14268	1.05634	1.18895	7.330	
29 4-Chloroaniline	0.46713	0.54734	0.52805	0.51584	0.52530	0.49179	0.51258	5.598	
30 Hexachlorobutadiene	0.22875	0.23256	0.22963	0.22264	0.21704	0.21876	0.22490	2.816	
31 4-Chloro-3-methylphenol	+++++	0.41285	0.41938	0.42486	0.43982	0.39900	0.41918	3.589	
32 2-Methylnaphthalene	0.65101	0.69969	0.67113	0.64070	0.63188	0.59161	0.64767	5.655	
33 Hexachlorocyclopentadiene	+++++	0.19986	0.25273	0.32639	0.38404	0.38462	0.30953	26.409	<- LIN
34 2,4,6-Trichlorophenol	+++++	0.42178	0.43380	0.41368	0.44214	0.42245	0.42677	2.622	
35 2,4,5-Trichlorophenol	+++++	0.42156	0.43297	0.43144	0.45712	0.44409	0.43744	3.108	
37 2-Chloronaphthalene	1.28762	1.43880	1.36016	1.31568	1.29752	1.28805	1.33131	4.451	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
38 2-Nitroaniline	+++++	0.56808	0.55175	0.56754	0.55214	0.52918	0.55374	2.864	
39 Dimethylphthalate	1.39064	1.60458	1.52486	1.41036	1.45278	1.37122	1.45908	6.154	
40 Acenaphthylene	1.90932	2.17006	2.06162	1.99433	1.92194	1.86946	1.98779	5.656	
41 2,6-Dinitrotoluene	+++++	0.32289	0.31592	0.31310	0.32232	0.31182	0.31721	1.623	
43 3-Nitroaniline	+++++	0.36626	0.35864	0.35410	0.37529	0.35663	0.36218	2.380	
44 Acenaphthene	1.26984	1.35859	1.32633	1.19443	1.21715	1.16080	1.25453	6.176	
45 2,4-Dinitrophenol	+++++	0.04491	0.08512	0.13090	0.17206	0.18431	0.12346	47.504	<-LIN
46 Dibenzofuran	1.81825	1.99098	1.86085	1.76523	1.77574	1.66478	1.81264	6.025	
47 4-Nitrophenol	+++++	0.20621	0.22542	0.23230	0.24937	0.24148	0.23096	7.162	
48 2,4-Dinitrotoluene	+++++	0.41792	0.41048	0.40223	0.42063	0.40554	0.41136	1.911	
49 Fluorene	1.46233	1.60215	1.52899	1.44138	1.47773	1.38348	1.48268	5.083	
50 Diethylphthalate	1.32990	1.41548	1.38188	1.30116	1.28600	1.25406	1.32808	4.581	
51 4-Chlorophenyl-phenylether	0.75128	0.78709	0.75148	0.68457	0.72442	0.69185	0.73178	5.365	
52 4-Nitroaniline	+++++	0.32465	0.33053	0.30456	0.33245	0.31702	0.32184	3.535	
53 4,6-Dinitro-2-methylphenol	+++++	0.11824	0.14204	0.15668	0.16741	0.16869	0.15061	13.958	
54 N-Nitrosodiphenylamine	0.61207	0.67395	0.65596	0.62004	0.59327	0.58866	0.62399	5.490	
56 4-Bromophenyl-phenylether	0.23076	0.27241	0.26217	0.26182	0.24593	0.25302	0.25435	5.757	
57 Hexachlorobenzene	0.25658	0.27836	0.26135	0.26107	0.24530	0.25493	0.25960	4.194	
58 Pentachlorophenol	+++++	0.09507	0.10596	0.12153	0.12972	0.14048	0.11855	15.349	
60 Phenanthrene	1.29461	1.37974	1.34095	1.25617	1.19756	1.14763	1.26944	6.876	
61 Anthracene	1.32632	1.38290	1.35599	1.27409	1.21986	1.16260	1.28696	6.561	
62 Carbazole	1.05963	1.13501	1.11187	1.06968	0.97766	0.99158	1.05757	5.956	
63 Di-n-butylphthalate	1.18967	1.39243	1.34475	1.31905	1.19802	1.14789	1.26530	7.855	
64 Fluoranthene	1.25054	1.44795	1.38415	1.30825	1.21593	1.16936	1.29603	8.131	
65 Pyrene	1.61184	1.81914	1.70654	1.76719	1.61312	1.42343	1.65688	8.510	
67 Butylbenzylphthalate	0.62359	0.71846	0.70512	0.71459	0.65820	0.59485	0.66913	7.768	
68 Benzo(a)anthracene	1.45108	1.55940	1.54079	1.52861	1.40216	1.37483	1.47614	5.267	
70 3,3'-Dichlorobenzidine	+++++	0.59658	0.56293	0.50876	0.51829	0.51915	0.54114	6.916	
71 Chrysene	1.44393	1.48202	1.44585	1.44470	1.31892	1.34508	1.41342	4.614	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
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Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

	Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
	72 bis(2-Ethylhexyl)phthalate	0.55896	0.69066	0.65914	0.65536	0.61360	0.54410	0.62030	9.483	
	73 Di-n-octylphthalate	1.14250	1.17928	1.13410	1.07631	0.99978	0.93644	1.07807	8.675	
	74 Benzo(b)fluoranthene	1.32192	1.41005	1.58483	1.49536	1.54630	1.33743	1.44932	7.570	
	75 Benzo(k)fluoranthene	1.54122	1.79224	1.47115	1.40575	1.34129	1.38000	1.48861	11.064	
	76 Benzo(a)pyrene	1.26499	1.38637	1.35515	1.29671	1.32012	1.24846	1.31197	4.024	
	78 Indeno(1,2,3-cd)pyrene	1.65372	1.79411	1.72810	1.75205	1.74862	1.81707	1.74895	3.254	
	79 Dibenzo(a,h)anthracene	1.19637	1.39081	1.36680	1.30329	1.34087	1.36868	1.32780	5.348	
	80 Benzo(g,h,i)perylene	1.42216	1.57672	1.55478	1.54367	1.52109	1.55257	1.52850	3.606	
	90 N-Nitrosodimethylamine	+++++	1.37190	1.32666	1.28220	1.19223	1.16260	1.26712	6.979	
	91 Aniline	+++++	3.35775	3.13972	3.03275	2.86128	2.77415	3.03313	7.614	
	92 1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	93 Benzidine	+++++	0.86195	0.82756	0.75814	0.70888	0.63973	0.75925	11.787	
	96 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	97 Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	98 Retene	0.51186	0.57072	0.56104	0.56229	0.55304	0.47780	0.53946	6.792	
	99 Perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	100 3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	101 Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	102 beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	103 Pyridine	+++++	2.26566	2.22845	2.20777	2.11114	2.05478	2.17356	4.029	
$	1 2-Fluorophenol	+++++	1.78319	1.70073	1.64185	1.58913	1.52948	1.64888	5.958	
$	137 d8-1,4-Dioxane	+++++	0.92733	0.86673	0.96469	0.88036	0.91070	0.90996	4.271	
$	2 Phenol-d5	2.05044	2.48538	2.24216	2.24535	2.17239	2.08966	2.21423	6.978	
$	5 2-Chlorophenol-d4	+++++	1.39455	1.36799	1.33726	1.33540	1.31116	1.34927	2.399	
$	10 1,2-Dichlorobenzene-d4	0.97908	1.05536	0.98901	0.98763	0.98872	0.97561	0.99590	2.978	
$	18 Nitrobenzene-d5	+++++	0.68277	0.64060	0.59143	0.60149	0.55487	0.61423	7.975	
$	36 2-Fluorobiphenyl	+++++	1.62832	1.51971	1.45494	1.41622	1.40859	1.48556	6.134	
$	55 2,4,6-Tribromophenol	+++++	0.19088	0.17964	0.18043	0.20306	0.19948	0.19070	5.608	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
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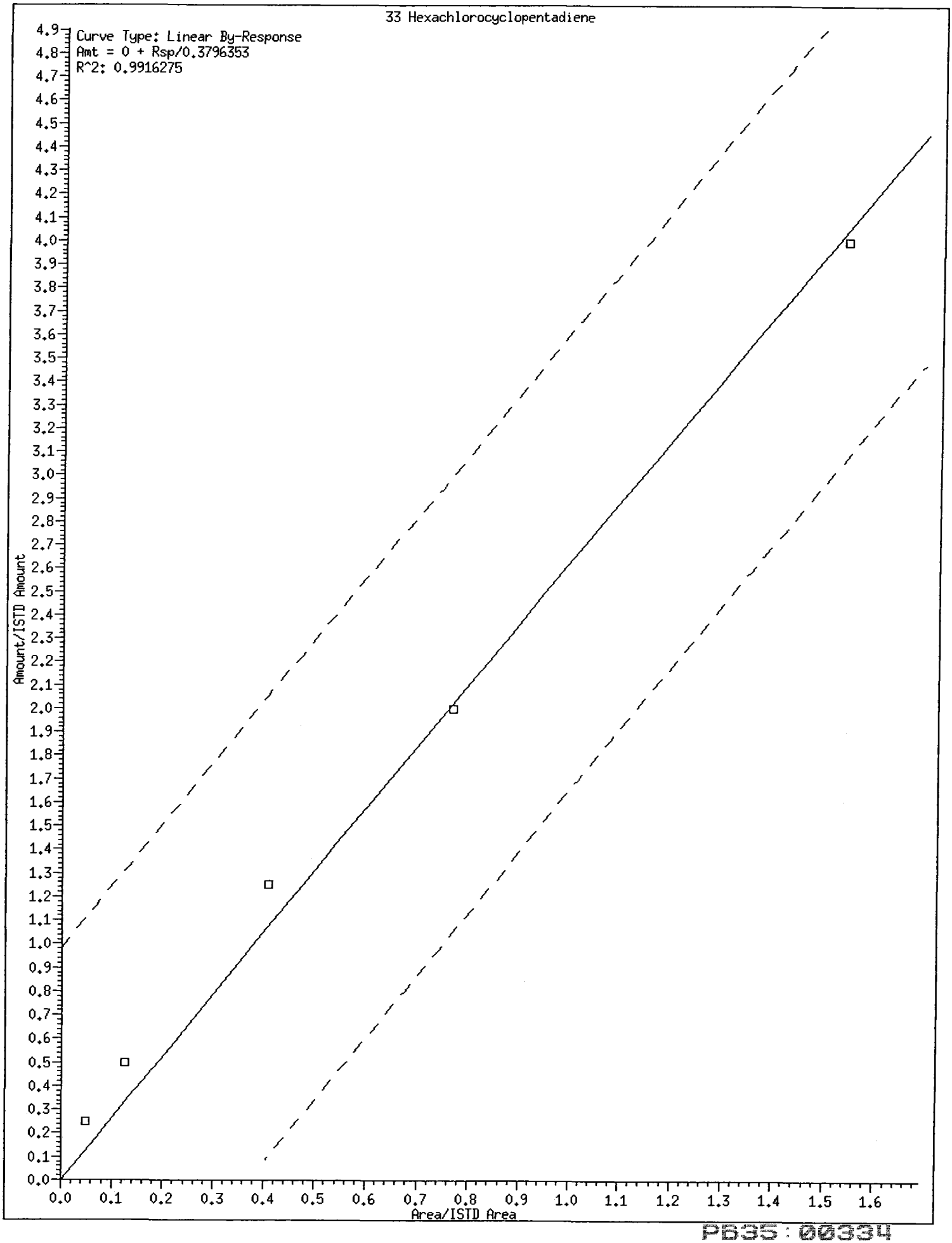
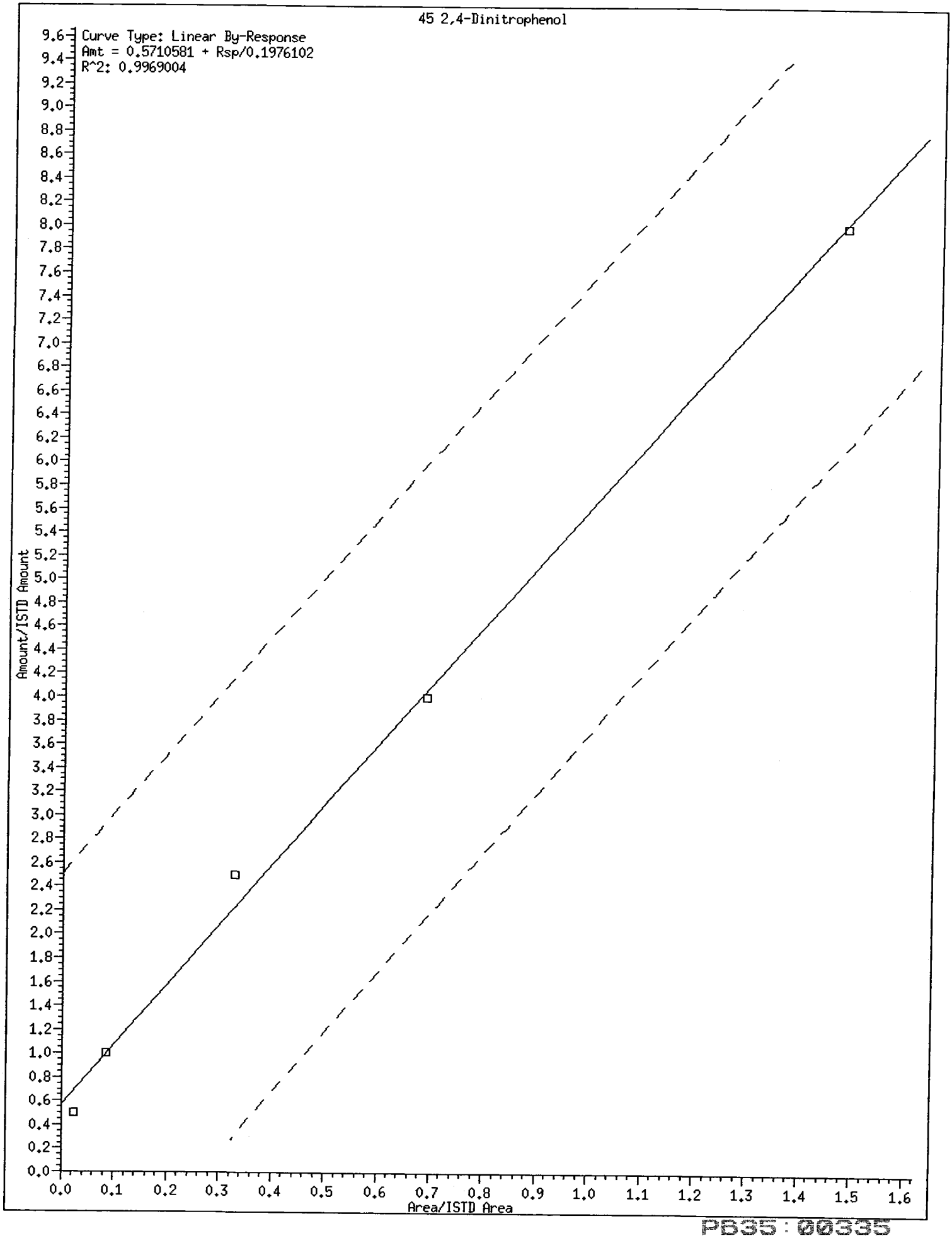
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/ddt.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
$ 66 Terphenyl-d14	+++++	1.14228	1.07107	1.10058	1.08136	0.94583	1.06822	6.894	
$ 85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-


33 Hexachlorocyclopentadiene
Curve Type: Linear By-Response
Amt = 0 + Rsp/0.3796353
R^2: 0.9916275
Amount/ISTD Amount
Area/ISTD Area
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4.0 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9


45 2,4-Dinitrophenol
Curve Type: Linear By-Response
Amt = 0.5710581 + Rsp/0.1976102
R^2: 0.9969004
Amount/ISTD Amount
Area/ISTD Area
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4 1.6 1.8 2.0 2.2 2.4 2.6 2.8 3.0 3.2 3.4 3.6 3.8 4.0 4.2 4.4 4.6 4.8 5.0 5.2 5.4 5.6 5.8 6.0 6.2 6.4 6.6 6.8 7.0 7.2 7.4 7.6 7.8 8.0 8.2 8.4 8.6 8.8 9.0 9.2 9.4 9.6

PB35:00335

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Calibration File Names:
Level 1: /chem1/nt6.i/20090611.b/0010611a.d
Level 2: /chem1/nt6.i/20090611.b/0050611a.d
Level 3: /chem1/nt6.i/20090611.b/0100611.d
Level 4: /chem1/nt6.i/20090611.b/0250611.d
Level 5: /chem1/nt6.i/20090611.b/0400611.d
Level 6: /chem1/nt6.i/20090611.b/0800611.d

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
186 Carbaryl	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
179 n-Decane	1.93648	2.02034	1.93691	1.81518	1.73957	1.70040	AVRG		1.85815		6.78336	
180 n-Octadecane	0.63447	0.69900	0.68249	0.65372	0.61449	0.58443	AVRG		0.64476		6.61940	
169 4-tert-Butylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
170 N,N-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
171 2,3-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
172 2,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
173 2,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
174 2,6-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
175 3,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
176 3,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
177 p-Benzoquinone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
168 Pentachlorobenzene	0.54637	0.57565	0.53806	0.50207	0.51901	0.50261	AVRG		0.53063		5.37353	
145 4,4'-DDE	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
146 4,4'-DDD	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
147 4,4'-DDT	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
148 Dieldrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
149 TCMX	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
150 DCBP	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
133 Butylatedhydroxytoluene	1.18630	1.23671	1.19275	1.13261	1.09394	1.07877	AVRG		1.15351		5.35942	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
144 alpha-Terpineol	0.35631	0.38680	0.37345	0.35734	0.35653	0.32786	AVRG		0.35971		5.50991	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
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Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
123 Acetophenone	2.14252	2.45076	2.32833	2.15112	2.09332	1.96048	AVRG		2.18776		7.99308	
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
143 1,4-Dioxane	0.83927	0.89623	0.86543	0.86821	0.78994	0.86418	AVRG		0.85388		4.23549	
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
178 2-Benzyl-4-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
118 Triphenyl Phosphate	0.22409	0.23922	0.23167	0.22604	0.22042	0.20321	AVRG		0.22411		5.42665	
117 Butyl Diphenyl Phosphate	0.29348	0.39306	0.36139	0.38486	0.35012	0.31416	AVRG		0.34951		11.21034	
116 Dibutyl Phenyl Phosphate	0.55840	0.66353	0.64744	0.64715	0.60990	0.60415	AVRG		0.62176		6.23487	
115 Tributyl Phosphate	1.15650	1.31263	1.26356	1.23512	1.12969	1.07756	AVRG		1.19585		7.44978	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
113 Diphenyl Oxide	+++++	0.95514	0.91628	0.89265	0.88559	0.87004	AVRG		0.90394		3.66379	
112 Biphenyl	+++++	1.98994	1.85741	1.77575	1.71055	1.64707	AVRG		1.79614		7.43186	
111 Azobenzene (1,2-DP-Hydrazine)	2.04425	2.35569	2.24262	2.11099	2.08831	1.91067	AVRG		2.12542		7.32069	
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
181 3,4,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
184 3,4-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
107 4,5-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
182 4,6-Dichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
185 4-Chloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
105 1-methylnaphthalene	0.62132	0.67609	0.64493	0.60641	0.60656	0.56618	AVRG		0.62025		6.04599	
151 1,2,4,5-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
152 Benzo(e)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
153 Chlorpyrifos	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
154 Diazinon	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
155 Kelthane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
156 Methyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
157 Ethyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
158 Ethion	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
159 4-Nonylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
160 Tetraethyl Tin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
161 1,2,3-Trichloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
162 1,2,3,4-Tetrachloronapthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
163 1,2,3,5,8-Pentachloronaphthal	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
164 1,2,3,4,6,7-Hexachloronaphtha	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
165 1,2,3,4,5,6,7-Heptachloronaph	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
166 Octachloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
167 2,2',4,4',5-Pentabromobipheny	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
3 Phenol	2.26483	2.60958	2.55462	2.38487	2.31164	2.22337	AVRG		2.39148		6.60890	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
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Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
4 Bis(2-Chloroethyl)ether	1.84957	1.94500	1.86939	1.79277	1.70067	1.67383	AVRG		1.80520		5.75540
6 2-Chlorophenol	1.44644	1.63675	1.61950	1.48831	1.45451	1.41784	AVRG		1.51056		6.21985
7 1,3-Dichlorobenzene	1.68410	1.78101	1.70131	1.61602	1.55526	1.52968	AVRG		1.64456		5.79349
9 1,4-Dichlorobenzene	1.62523	1.76681	1.70564	1.63526	1.58167	1.56649	AVRG		1.64685		4.63677
11 Benzyl alcohol	1.01209	1.23222	1.15015	1.15926	1.08469	1.07883	AVRG		1.11954		6.87603
12 1,2-Dichlorobenzene	1.65546	1.72184	1.69655	1.56504	1.55043	1.51115	AVRG		1.61674		5.33042
13 2-Methylphenol	1.41840	1.69131	1.67647	1.58617	1.54235	1.48224	AVRG		1.56616		6.85750
14 2,2'-oxybis(1-Chloropropane)	2.17076	2.45748	2.30988	2.24813	2.15546	2.07602	AVRG		2.23629		6.03246
15 4-Methylphenol	1.45062	1.75836	1.68103	1.61725	1.57111	1.52673	AVRG		1.60085		6.86878
16 N-Nitroso-di-n-propylamine	1.48025	1.65184	1.53743	1.48985	1.41242	1.33583	AVRG		1.48460		7.26396
17 Hexachloroethane	0.70184	0.82303	0.80199	0.75822	0.75895	0.72355	AVRG		0.76126		6.00287
19 Nitrobenzene	0.64981	0.71770	0.68458	0.60876	0.60664	0.55810	AVRG		0.63760		9.11344
20 Isophorone	1.06924	1.17638	1.14440	1.03527	1.03418	0.93847	AVRG		1.06632		8.01924
21 2-Nitrophenol	+++++	0.23498	0.23701	0.23055	0.23247	0.22631	AVRG		0.23226		1.77936
22 2,4-Dimethylphenol	0.47587	0.53302	0.54665	0.50189	0.51574	0.47708	AVRG		0.50838		5.70422
23 Bis(2-Chloroethoxy)methane	0.58669	0.63648	0.61290	0.58538	0.56761	0.53555	AVRG		0.58743		5.96750
24 Benzoic acid	+++++	0.25997	0.30430	0.31969	0.35997	0.34452	AVRG		0.31769		12.21253
25 2,4-Dichlorophenol	0.25579	0.33238	0.35107	0.35290	0.35246	0.34166	AVRG		0.33104		11.39491
26 1,2,4-Trichlorobenzene	0.40100	0.42746	0.40992	0.39333	0.39974	0.38072	AVRG		0.40203		3.92462
28 Naphthalene	1.24487	1.28380	1.25651	1.14947	1.14268	1.05634	AVRG		1.18895		7.32986
29 4-Chloroaniline	0.46713	0.54734	0.52805	0.51584	0.52530	0.49179	AVRG		0.51258		5.59849
30 Hexachlorobutadiene	0.22875	0.23256	0.22963	0.22264	0.21704	0.21876	AVRG		0.22490		2.81583

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
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Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
31	4-Chloro-3-methylphenol	+++++	0.41285	0.41938	0.42486	0.43982	0.39900	AVRG		0.41918		3.58897
32	2-Methylnaphthalene	0.65101	0.69969	0.67113	0.64070	0.63188	0.59161	AVRG		0.64767		5.65514
33	Hexachlorocyclopentadiene	+++++	9060	22217	88728	207087	325812	LINR	0.000e+00	0.37964		0.99163
34	2,4,6-Trichlorophenol	+++++	0.42178	0.43380	0.41368	0.44214	0.42245	AVRG		0.42677		2.62154
35	2,4,5-Trichlorophenol	+++++	0.42156	0.43297	0.43144	0.45712	0.44409	AVRG		0.43744		3.10829
37	2-Chloronaphthalene	1.28762	1.43880	1.36016	1.31568	1.29752	1.28805	AVRG		1.33131		4.45061
38	2-Nitroaniline	+++++	0.56808	0.55175	0.56754	0.55214	0.52918	AVRG		0.55374		2.86392
39	Dimethylphthalate	1.39064	1.60458	1.52486	1.41036	1.45278	1.37122	AVRG		1.45908		6.15402
40	Acenaphthylene	1.90932	2.17006	2.06162	1.99433	1.92194	1.86946	AVRG		1.98779		5.65647
41	2,6-Dinitrotoluene	+++++	0.32289	0.31592	0.31310	0.32232	0.31182	AVRG		0.31721		1.62268
43	3-Nitroaniline	+++++	0.36626	0.35864	0.35410	0.37529	0.35663	AVRG		0.36218		2.38009
44	Acenaphthene	1.26984	1.35859	1.32633	1.19443	1.21715	1.16080	AVRG		1.25453		6.17570
45	2,4-Dinitrophenol	+++++	4072	14966	71172	185554	312259	LINR	0.57106	0.19761		0.99690
46	Dibenzofuran	1.81825	1.99098	1.86085	1.76523	1.77574	1.66478	AVRG		1.81264		6.02476
47	4-Nitrophenol	+++++	0.20621	0.22542	0.23230	0.24937	0.24148	AVRG		0.23096		7.16157
48	2,4-Dinitrotoluene	+++++	0.41792	0.41048	0.40223	0.42063	0.40554	AVRG		0.41136		1.91102
49	Fluorene	1.46233	1.60215	1.52899	1.44138	1.47773	1.38348	AVRG		1.48268		5.08338
50	Diethylphthalate	1.32990	1.41548	1.38188	1.30116	1.28600	1.25406	AVRG		1.32808		4.58142
51	4-Chlorophenyl-phenylether	0.75128	0.78709	0.75148	0.68457	0.72442	0.69185	AVRG		0.73178		5.36451
52	4-Nitroaniline	+++++	0.32465	0.33053	0.30456	0.33245	0.31702	AVRG		0.32184		3.53536
53	4,6-Dinitro-2-methylphenol	+++++	0.11824	0.14204	0.15668	0.16741	0.16869	AVRG		0.15061		13.95785
54	N-Nitrosodiphenylamine	0.61207	0.67395	0.65596	0.62004	0.59327	0.58866	AVRG		0.62399		5.48977

Analytical Resources, Inc.

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Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
56 4-Bromophenyl-phenylether	0.23076	0.27241	0.26217	0.26182	0.24593	0.25302	AVRG		0.25435		5.75668
57 Hexachlorobenzene	0.25658	0.27836	0.26135	0.26107	0.24530	0.25493	AVRG		0.25960		4.19442
58 Pentachlorophenol	+++++	0.09507	0.10596	0.12153	0.12972	0.14048	AVRG		0.11855		15.34911
60 Phenanthrene	1.29461	1.37974	1.34095	1.25617	1.19756	1.14763	AVRG		1.26944		6.87591
61 Anthracene	1.32632	1.38290	1.35599	1.27409	1.21986	1.16260	AVRG		1.28696		6.56129
62 Carbazole	1.05963	1.13501	1.11187	1.06968	0.97766	0.99158	AVRG		1.05757		5.95574
63 Di-n-butylphthalate	1.18967	1.39243	1.34475	1.31905	1.19802	1.14789	AVRG		1.26530		7.85536
64 Fluoranthene	1.25054	1.44795	1.38415	1.30825	1.21593	1.16936	AVRG		1.29603		8.13095
65 Pyrene	1.61184	1.81914	1.70654	1.76719	1.61312	1.42343	AVRG		1.65688		8.51005
67 Butylbenzylphthalate	0.62359	0.71846	0.70512	0.71459	0.65820	0.59485	AVRG		0.66913		7.76777
68 Benzo(a)anthracene	1.45108	1.55940	1.54079	1.52861	1.40216	1.37483	AVRG		1.47614		5.26744
70 3,3'-Dichlorobenzidine	+++++	0.59658	0.56293	0.50876	0.51829	0.51915	AVRG		0.54114		6.91624
71 Chrysene	1.44393	1.48202	1.44585	1.44470	1.31892	1.34508	AVRG		1.41342		4.61433
72 bis(2-Ethylhexyl)phthalate	0.55896	0.69066	0.65914	0.65536	0.61360	0.54410	AVRG		0.62030		9.48341
73 Di-n-octylphthalate	1.14250	1.17928	1.13410	1.07631	0.99978	0.93644	AVRG		1.07807		8.67457
74 Benzo(b)fluoranthene	1.32192	1.41005	1.58483	1.49536	1.54630	1.33743	AVRG		1.44932		7.56981
75 Benzo(k)fluoranthene	1.54122	1.79224	1.47115	1.40575	1.34129	1.38000	AVRG		1.48861		11.06427
76 Benzo(a)pyrene	1.26499	1.38637	1.35515	1.29671	1.32012	1.24846	AVRG		1.31197		4.02449
78 Indeno(1,2,3-cd)pyrene	1.65372	1.79411	1.72810	1.75205	1.74862	1.81707	AVRG		1.74895		3.25401
79 Dibenzo(a,h)anthracene	1.19637	1.39081	1.36680	1.30329	1.34087	1.36868	AVRG		1.32780		5.34751
80 Benzo(g,h,i)perylene	1.42216	1.57672	1.55478	1.54367	1.52109	1.55257	AVRG		1.52850		3.60583
90 N-Nitrosodimethylamine	+++++	1.37190	1.32666	1.28220	1.19223	1.16260	AVRG		1.26712		6.97939

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	91 Aniline	+++++	3.35775	3.13972	3.03275	2.86128	2.77415	AVRG		3.03313		7.61404	
	92 1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	93 Benzidine	+++++	0.86195	0.82756	0.75814	0.70888	0.63973	AVRG		0.75925		11.78688	
	96 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	97 Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	98 Retene	0.51186	0.57072	0.56104	0.56229	0.55304	0.47780	AVRG		0.53946		6.79232	
	99 Perylene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	100 3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	101 Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	102 beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	103 Pyridine	+++++	2.26566	2.22845	2.20777	2.11114	2.05478	AVRG		2.17356		4.02875	
$	1 2-Fluorophenol	+++++	1.78319	1.70073	1.64185	1.58913	1.52948	AVRG		1.64888		5.95799	
$	137 d8-1,4-Dioxane	+++++	0.92733	0.86673	0.96469	0.88036	0.91070	AVRG		0.90996		4.27134	
$	2 Phenol-d5	2.05044	2.48538	2.24216	2.24535	2.17239	2.08966	AVRG		2.21423		6.97809	
$	5 2-Chlorophenol-d4	+++++	1.39455	1.36799	1.33726	1.33540	1.31116	AVRG		1.34927		2.39854	
$	10 1,2-Dichlorobenzene-d4	0.97908	1.05536	0.98901	0.98763	0.98872	0.97561	AVRG		0.99590		2.97800	
$	18 Nitrobenzene-d5	+++++	0.68277	0.64060	0.59143	0.60149	0.55487	AVRG		0.61423		7.97518	
$	36 2-Fluorobiphenyl	+++++	1.62832	1.51971	1.45494	1.41622	1.40859	AVRG		1.48556		6.13401	
$	55 2,4,6-Tribromophenol	+++++	0.19088	0.17964	0.18043	0.20306	0.19948	AVRG		0.19070		5.60780	
$	66 Terphenyl-d14	+++++	1.14228	1.07107	1.10058	1.08136	0.94583	AVRG		1.06822		6.89379	
$	85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
$ 86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-JUN-2009 10:27
End Cal Date : 11-JUN-2009 14:21
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem1/nt6.i/20090611.b/SW846.m
Cal Date : 11-Jun-2009 16:21 jeff

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0010611a.d
Lab Smp Id: ABN 1
Inj Date : 11-JUN-2009 13:48
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 1
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.103	5.103	(0.716)	8220	1.00000	0.9915
$	2 Phenol-d5	99	6.780	6.780	(0.951)	10310	1.00000	0.9260
	3 Phenol	94	6.796	6.796	(0.954)	11388	1.00000	0.9470
$	5 2-Chlorophenol-d4	132	6.833	6.833	(0.959)	6179	1.00000	0.9108
	4 Bis(2-Chloroethyl)ether	93	6.828	6.828	(0.958)	9300	1.00000	1.025
	6 2-Chlorophenol	128	6.855	6.855	(0.962)	7273	1.00000	0.9576
	7 1,3-Dichlorobenzene	146	7.058	7.063	(0.990)	8468	1.00000	1.024
*	8 1,4-Dichlorobenzene-d4	152	7.127	7.127	(1.000)	100564	20.0000	
	9 1,4-Dichlorobenzene	146	7.154	7.154	(1.004)	8172	1.00000	0.9869
$	10 1,2-Dichlorobenzene-d4	152	7.432	7.426	(1.043)	4923	1.00000	0.9831 (M)
	12 1,2-Dichlorobenzene	146	7.448	7.448	(1.045)	8324	1.00000	1.024
	11 Benzyl alcohol	108	7.448	7.453	(1.045)	5089	1.00000	0.9040
	14 2,2'-oxybis(1-Chloropropane)	45	7.720	7.720	(1.083)	10915	1.00000	0.9707
	13 2-Methylphenol	108	7.731	7.731	(1.085)	7132	1.00000	0.9057
	17 Hexachloroethane	117	7.934	7.939	(1.113)	3529	1.00000	0.9219
	16 N-Nitroso-di-n-propylamine	70	7.934	7.934	(1.113)	7443	1.00000	0.9971
	15 4-Methylphenol	108	7.971	7.971	(1.118)	7294	1.00000	0.9062
$	18 Nitrobenzene-d5	82	8.078	8.078	(0.879)	10506	1.00000	1.030
	19 Nitrobenzene	77	8.104	8.104	(0.882)	10789	1.00000	1.019
	20 Isophorone	82	8.500	8.500	(0.925)	17753	1.00000	1.003
	21 2-Nitrophenol	139	8.633	8.633	(0.940)	3247	1.00000	0.8420
	22 2,4-Dimethylphenol	107	8.799	8.799	(0.958)	7901	1.00000	0.9361
	23 Bis(2-Chloroethoxy)methane	93	8.927	8.927	(0.972)	9741	1.00000	0.9987
	24 Benzoic acid	105	8.948	8.991	(0.974)	3976	5.00000	0.7538 (MH)
	25 2,4-Dichlorophenol	162	9.034	9.034	(0.983)	4247	1.00000	0.7727
	26 1,2,4-Trichlorobenzene	180	9.141	9.141	(0.995)	6658	1.00000	0.9974
*	27 Naphthalene-d8	136	9.189	9.189	(1.000)	332068	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.215	9.215	(1.003)	20669	1.00000	1.047
	29 4-Chloroaniline	127	9.392	9.392	(1.022)	7756	1.00000	0.9113
	30 Hexachlorobutadiene	225	9.557	9.557	(1.040)	3798	1.00000	1.017
	31 4-Chloro-3-methylphenol	107	10.252	10.252	(1.116)	4525	1.00000	0.6502
	32 2-Methylnaphthalene	141	10.342	10.342	(1.126)	10809	1.00000	1.005
	33 Hexachlorocyclopentadiene	237	10.727	10.732	(0.892)	188	1.00000	0.05644
	34 2,4,6-Trichlorophenol	196	10.876	10.876	(0.904)	2570	1.00000	0.6863
	35 2,4,5-Trichlorophenol	196	10.946	10.941	(0.910)	2966	1.00000	0.7728 (M)
$	36 2-Fluorobiphenyl	172	10.999	10.999	(0.914)	12920	1.00000	0.9912
	37 2-Chloronaphthalene	162	11.111	11.111	(0.924)	11298	1.00000	0.9672
	38 2-Nitroaniline	65	11.363	11.363	(0.944)	3584	1.00000	0.7376
	39 Dimethylphthalate	163	11.752	11.758	(0.977)	12202	1.00000	0.9531
	40 Acenaphthylene	152	11.774	11.779	(0.979)	16753	1.00000	0.9605
	41 2,6-Dinitrotoluene	165	11.838	11.843	(0.984)	2098	1.00000	0.7538
*	42 Acenaphthene-d10	164	12.030	12.030	(1.000)	175487	20.0000	
	43 3-Nitroaniline	138	12.036	12.035	(1.000)	2246	1.00000	0.7068
	44 Acenaphthene	153	12.078	12.078	(1.004)	11142	1.00000	1.012
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	12.340	12.340	(1.026)	15954	1.00000	1.003
	47 4-Nitrophenol	109	12.420	12.409	(1.032)	933	1.00000	0.4604 (M)
	48 2,4-Dinitrotoluene	165	12.457	12.457	(1.036)	2613	1.00000	0.7239
	50 Diethylphthalate	149	12.906	12.911	(1.073)	11669	1.00000	1.001
	49 Fluorene	166	12.890	12.890	(1.071)	12831	1.00000	0.9863
	51 4-Chlorophenyl-phenylether	204	12.943	12.943	(1.076)	6592	1.00000	1.027
	52 4-Nitroaniline	138	13.013	13.018	(1.082)	2013	1.00000	0.7128
	53 4,6-Dinitro-2-methylphenol	198	13.104	13.104	(0.912)	936	5.00000	0.4520
	54 N-Nitrosodiphenylamine	169	13.152	13.152	(0.915)	8416	1.00000	0.9809
$	55 2,4,6-Tribromophenol	330	13.317	13.317	(1.107)	1231	1.00000	0.7357
	56 4-Bromophenyl-phenylether	248	13.713	13.713	(0.954)	3173	1.00000	0.9073
	57 Hexachlorobenzene	284	13.905	13.910	(0.967)	3528	1.00000	0.9884
	58 Pentachlorophenol	266	14.220	14.220	(0.989)	466	1.00000	0.2859
*	59 Phenanthrene-d10	188	14.375	14.375	(1.000)	275001	20.0000	
	60 Phenanthrene	178	14.407	14.412	(1.002)	17801	1.00000	1.020
	61 Anthracene	178	14.482	14.482	(1.007)	18237	1.00000	1.031
	62 Carbazole	167	14.791	14.786	(1.029)	14570	1.00000	1.002
	63 Di-n-butylphthalate	149	15.550	15.550	(1.082)	16358	1.00000	0.9402
	64 Fluoranthene	202	16.324	16.330	(1.136)	17195	1.00000	0.9649
	65 Pyrene	202	16.666	16.672	(0.894)	18047	1.00000	0.9728
$	66 Terphenyl-d14	244	17.024	17.029	(0.913)	11123	1.00000	0.9300
	67 Butylbenzylphthalate	149	17.937	17.937	(0.962)	6982	1.00000	0.9319
	68 Benzo(a)anthracene	228	18.621	18.621	(0.999)	16247	1.00000	0.9830
*	69 Chrysene-d12	240	18.642	18.648	(1.000)	223930	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.669	18.664	(1.001)	5386	1.00000	0.8889
	71 Chrysene	228	18.680	18.680	(1.002)	16167	1.00000	1.022
	72 bis(2-Ethylhexyl)phthalate	149	18.958	18.958	(0.953)	8797	1.00000	0.9011
*	134 Di-n-octylphthalate-d4	153	19.887	19.887	(1.000)	314765	20.0000	
	73 Di-n-octylphthalate	149	19.898	19.898	(1.001)	17981	1.00000	1.060

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74 Benzo(b)fluoranthene	252	20.261	20.261	(0.975)	16510	1.00000	0.9121 (H)
75 Benzo(k)fluoranthene	252	20.282	20.293	(0.976)	19249	1.00000	1.035 (M)
76 Benzo(a)pyrene	252	20.693	20.693	(0.996)	15799	1.00000	0.9642
* 77 Perylene-d12	264	20.779	20.779	(1.000)	249789	20.0000	
78 Indeno(1,2,3-cd)pyrene	276	22.119	22.119	(1.065)	20654	1.00000	0.9455
79 Dibenzo(a,h)anthracene	278	22.151	22.151	(1.066)	14942	1.00000	0.9010
80 Benzo(g,h,i)perylene	276	22.413	22.419	(1.079)	17762	1.00000	0.9304
90 N-Nitrosodimethylamine	74	2.197	2.197	(0.308)	6321	1.00000	0.9921
103 Pyridine	79	2.208	2.192	(0.310)	9056	1.00000	0.8286
91 Aniline	93	6.684	6.684	(0.938)	15251	1.00000	1.0000
105 1-methylnaphthalene	141	10.508	10.508	(1.144)	10316	1.00000	1.002
93 Benzidine	184	16.618	16.613	(0.891)	7282	1.00000	0.8566
111 Azobenzene (1,2-DP-Hydrazine)	77	13.184	13.189	(1.096)	17937	1.00000	0.9618
143 1,4-Dioxane	88	1.749	1.749	(0.245)	4220	1.00000	0.9829
$ 137 d8-1,4-Dioxane	96	1.717	1.717	(0.241)	4275	1.00000	0.9343
144 alpha-Terpineol	59	9.280	9.279	(1.010)	5916	1.00000	0.9905
98 Retene	219	17.259	17.259	(0.926)	5731	1.00000	0.9488
133 Butylatedhydroxytoluene	205	12.260	12.260	(1.019)	10409	1.00000	1.028
115 Tributyl Phosphate	99	13.296	13.301	(0.925)	15902	1.00000	0.9671
116 Dibutyl Phenyl Phosphate	175	15.000	15.000	(1.043)	7678	1.00000	0.8981
117 Butyl Diphenyl Phosphate	94	16.656	16.661	(0.893)	3286	1.00000	0.8397
118 Triphenyl Phosphate	326	18.231	18.231	(0.978)	2509	1.00000	0.9999
123 Acetophenone	105	7.853	7.853	(1.102)	10773	1.00000	0.9793
179 n-Decane	57	7.010	7.010	(0.984)	9737	1.00000	1.042
180 n-Octadecane	57	14.396	14.396	(1.001)	8724	1.00000	0.9840
168 Pentachlorobenzene	250	12.383	12.388	(1.029)	4794	1.00000	1.030
113 Diphenyl Oxide	170	11.325	11.325	(0.941)	7778	1.00000	0.9807
112 Biphenyl	154	11.128	11.127	(0.925)	16540	1.00000	1.049

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0010611a.d
Lab Smp Id: ABN 1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	100564	-10.52
27 Naphthalene-d8	384492	192246	768984	332068	-13.63
42 Acenaphthene-d10	217478	108739	434956	175487	-19.31
59 Phenanthrene-d10	336594	168297	673188	275001	-18.30
69 Chrysene-d12	247160	123580	494320	223930	-9.40
134 Di-n-octylphthala	347036	173518	694072	314765	-9.30
77 Perylene-d12	232938	116469	465876	249789	7.23

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	-0.11
27 Naphthalene-d8	9.19	8.69	9.69	9.19	-0.03
42 Acenaphthene-d10	12.03	11.53	12.53	12.03	-0.02
59 Phenanthrene-d10	14.38	13.88	14.88	14.37	-0.05
69 Chrysene-d12	18.66	18.16	19.16	18.64	-0.07
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	-0.01
77 Perylene-d12	20.78	20.28	21.28	20.78	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

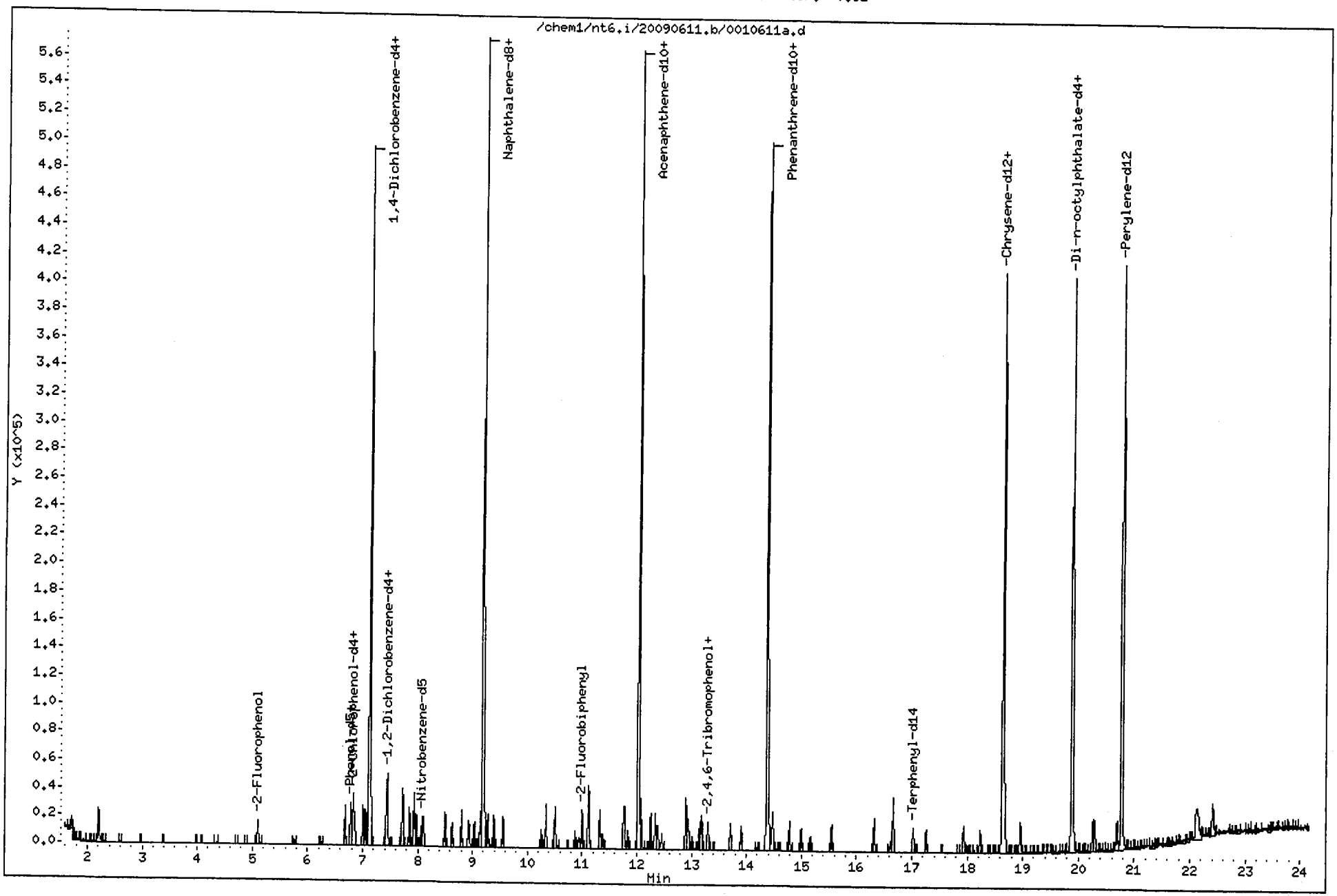
Data File: /chem1/nt6.i/20090611.b/0010611a.d
Date : 11-JUN-2009 13:48
Client ID:
Sample Info: ABN 1

Column phase: ZB-5

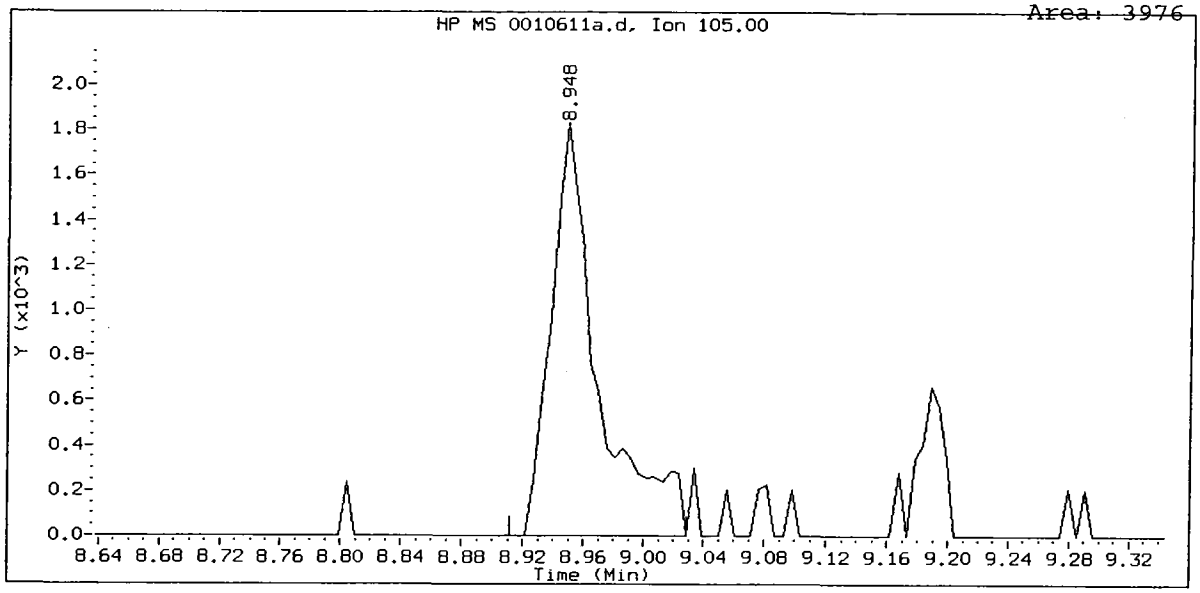
Instrument: nt6.i

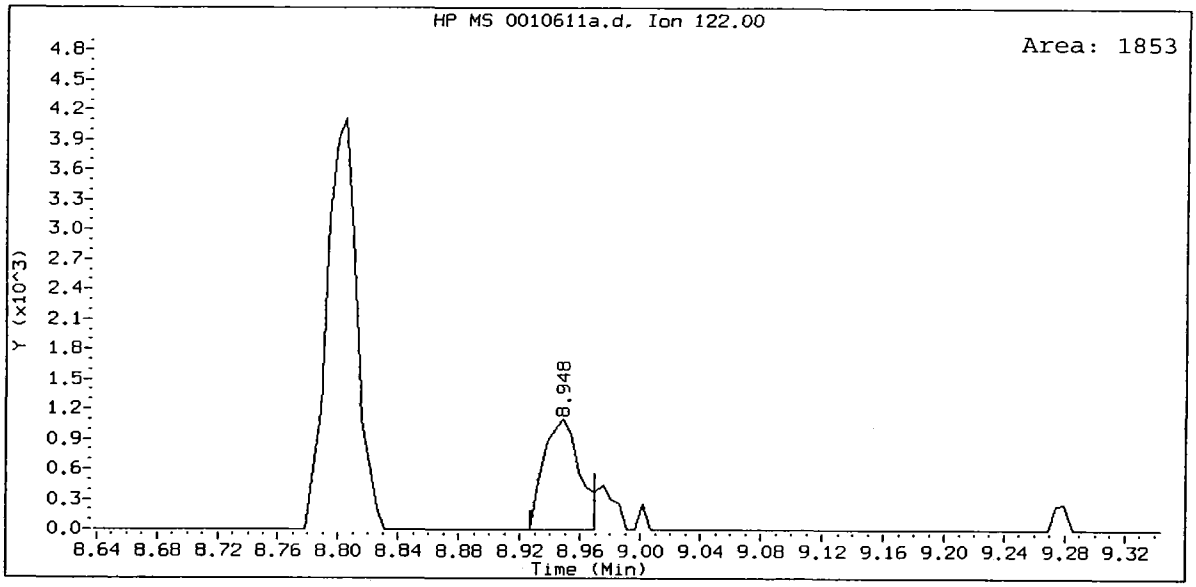
Operator: LJR/VTS
Column diameter: 0.32

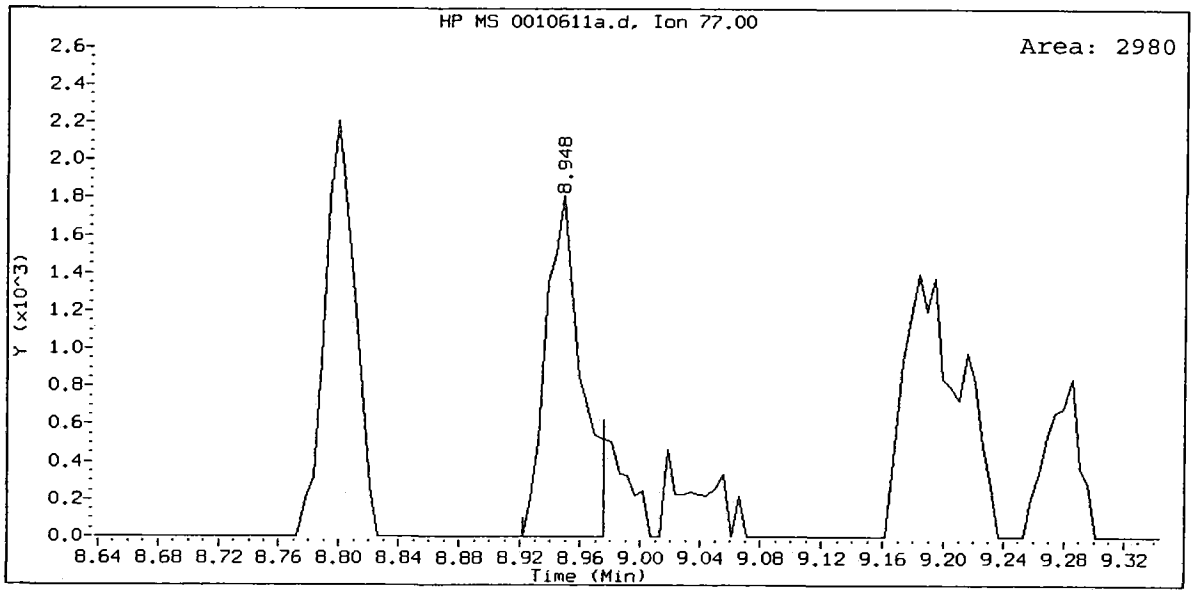
PB35:66356



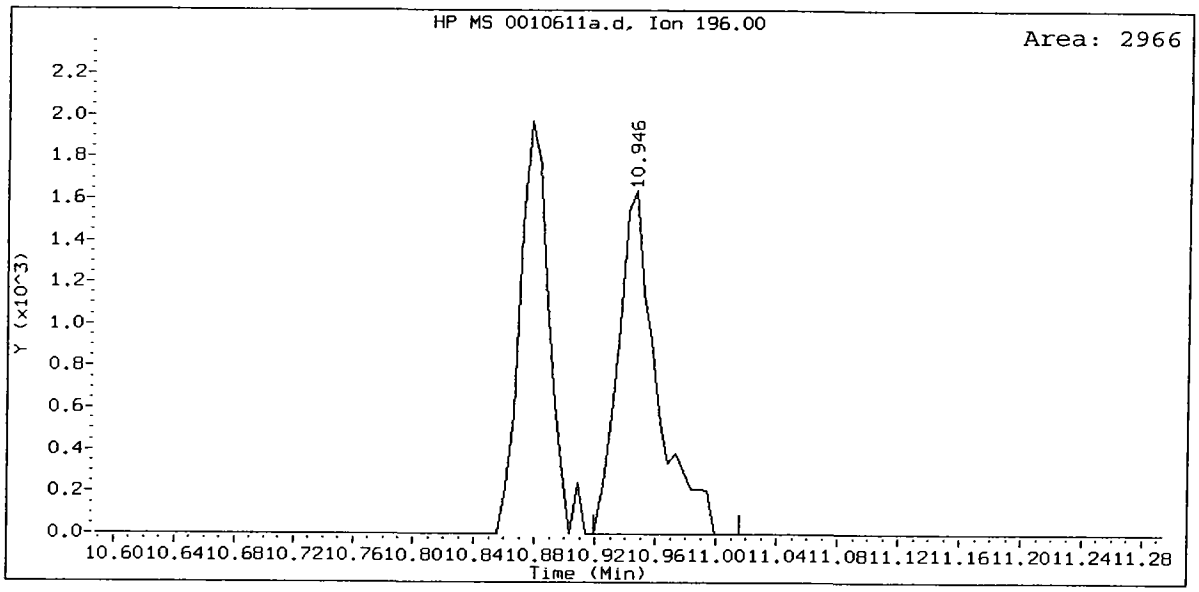
ABN 1, /chem1/nt6.i/20090611.b/0010611a.d
Benzoic acid Amount: 0.75

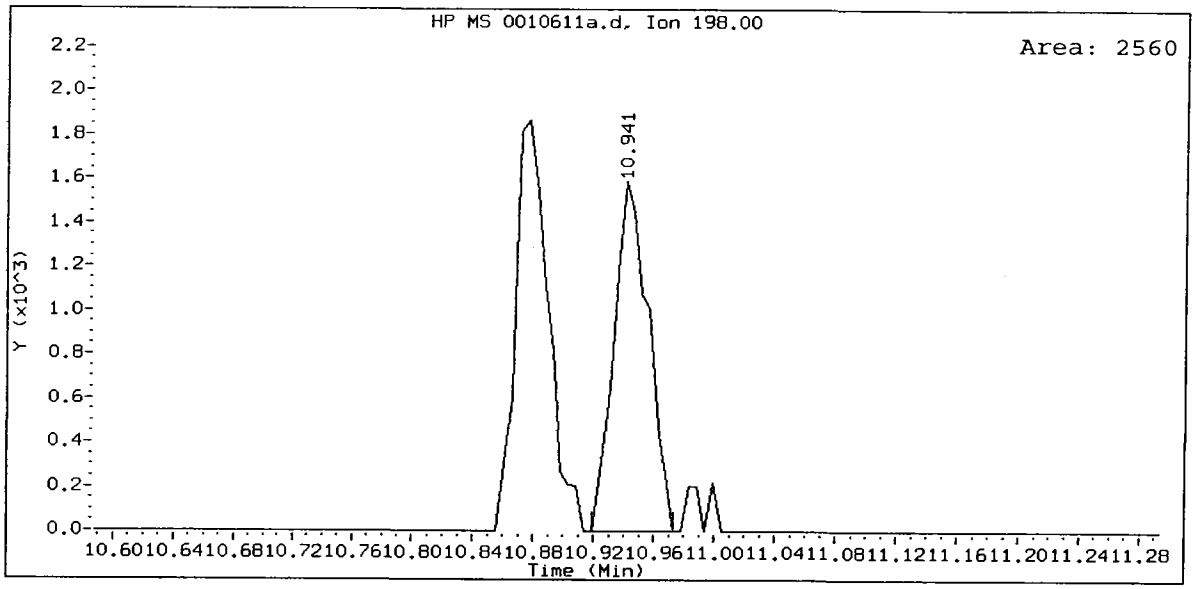


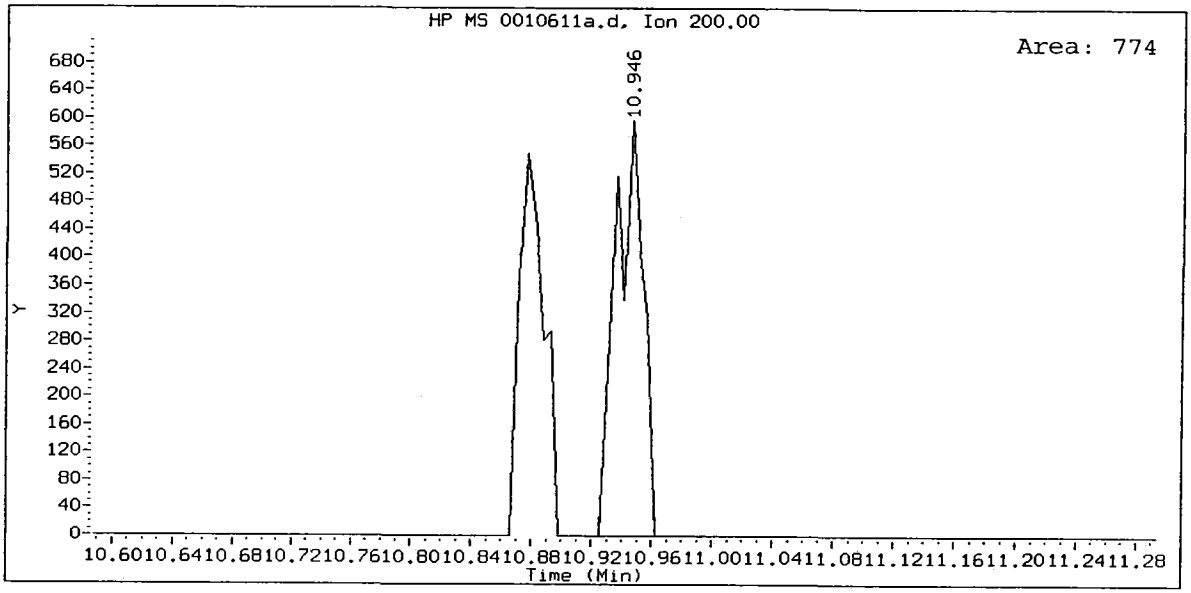




ABN 1, /chem1/nt6.i/20090611.b/0010611a.d
2,4,5-Trichlorophenol Amount: 0.77







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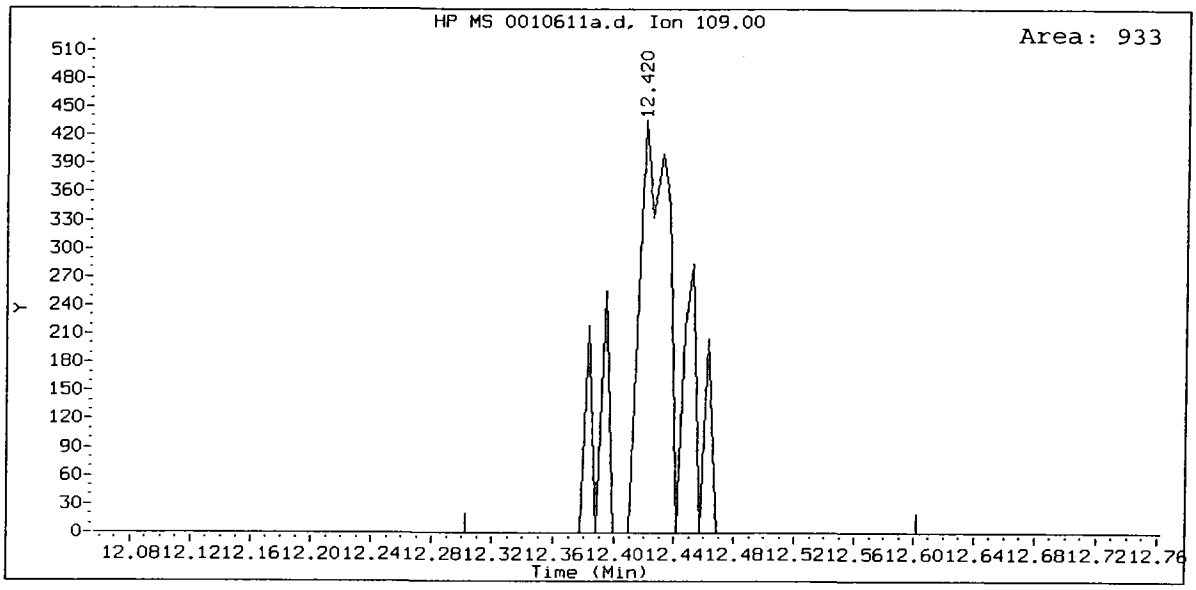
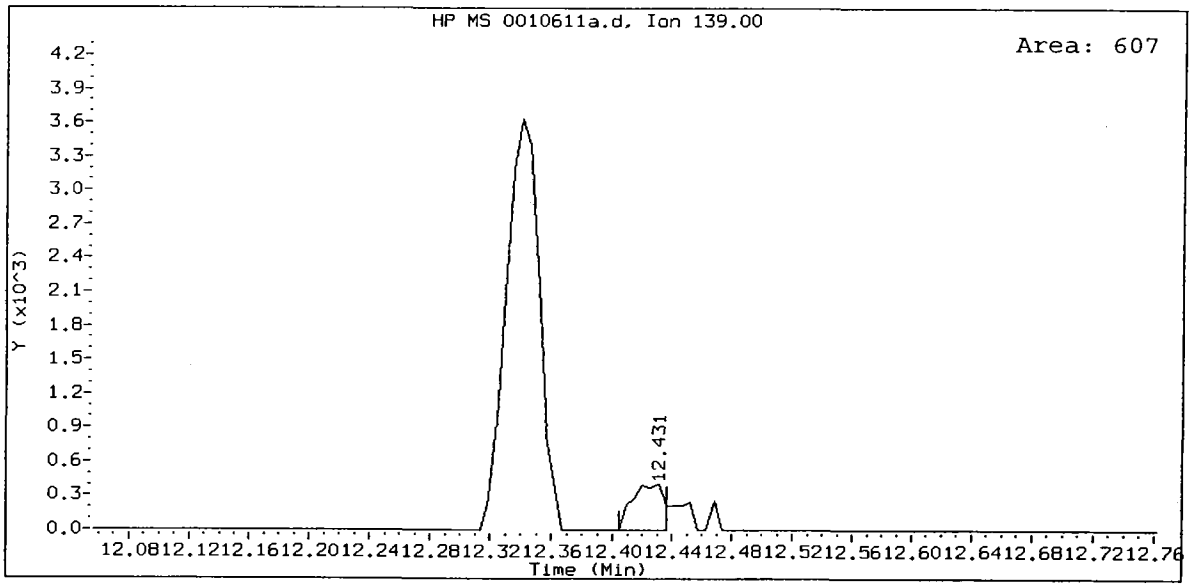
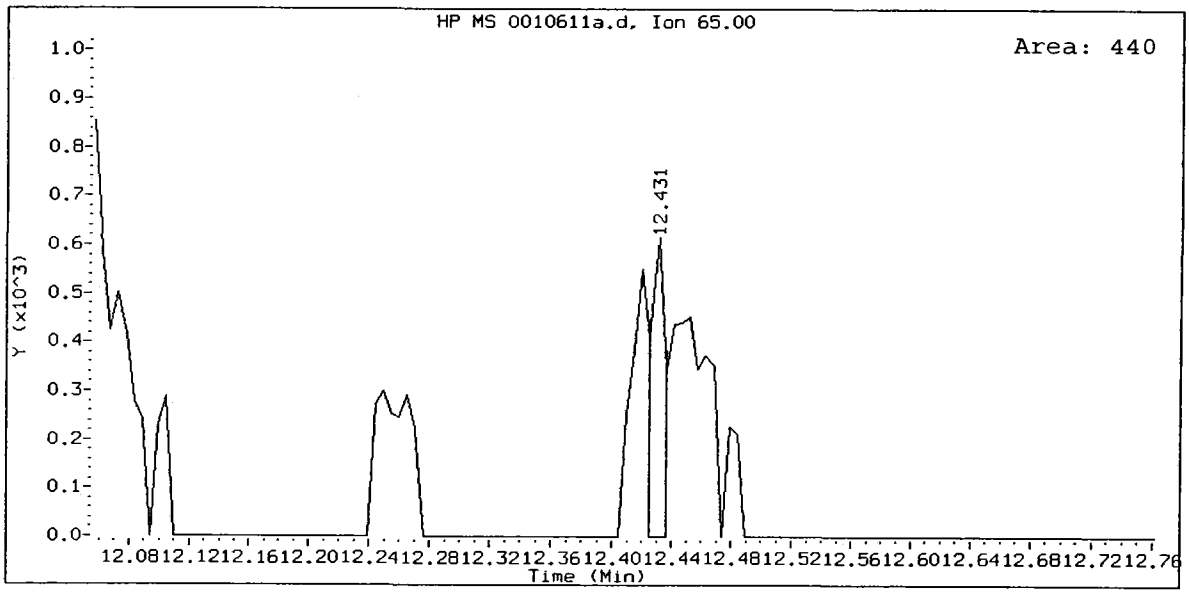
4-Nitrophenol Amount: 0.46







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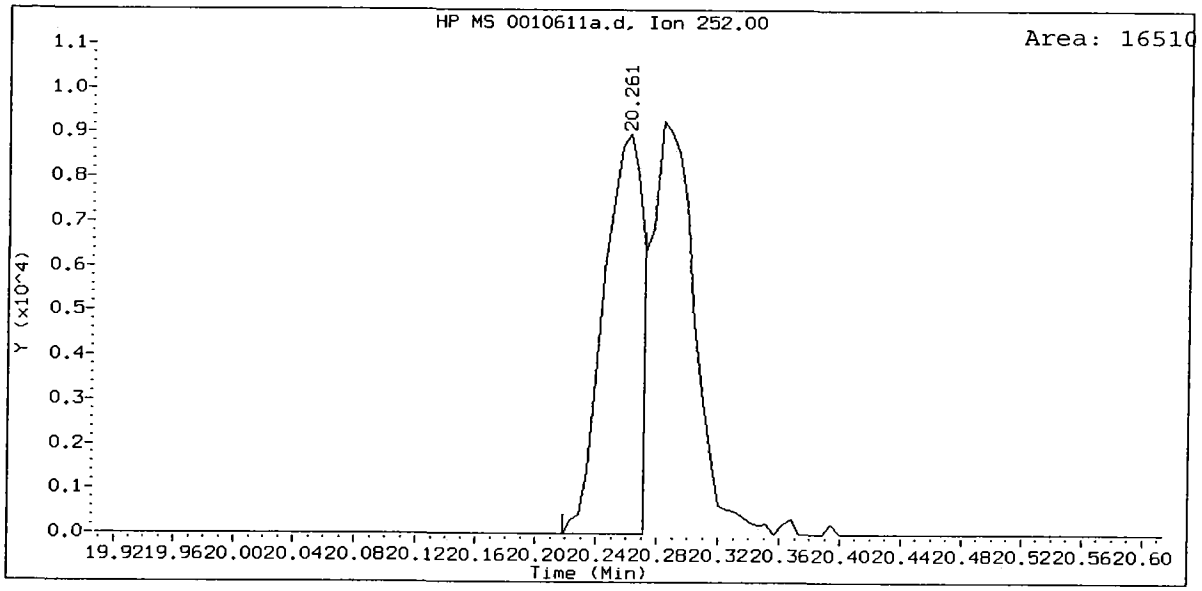
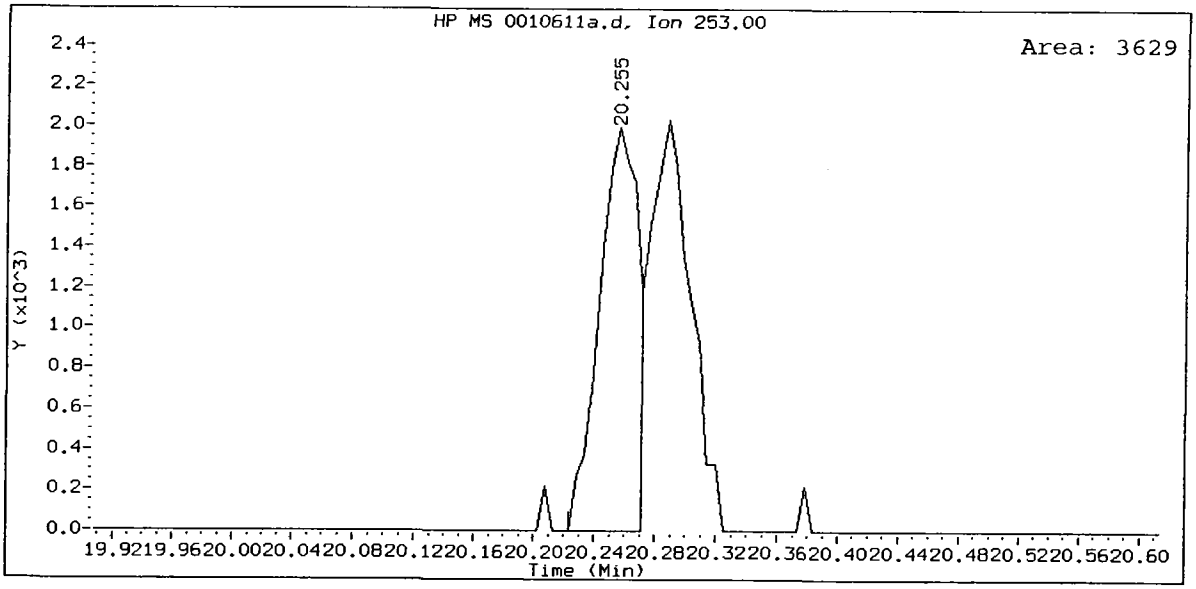
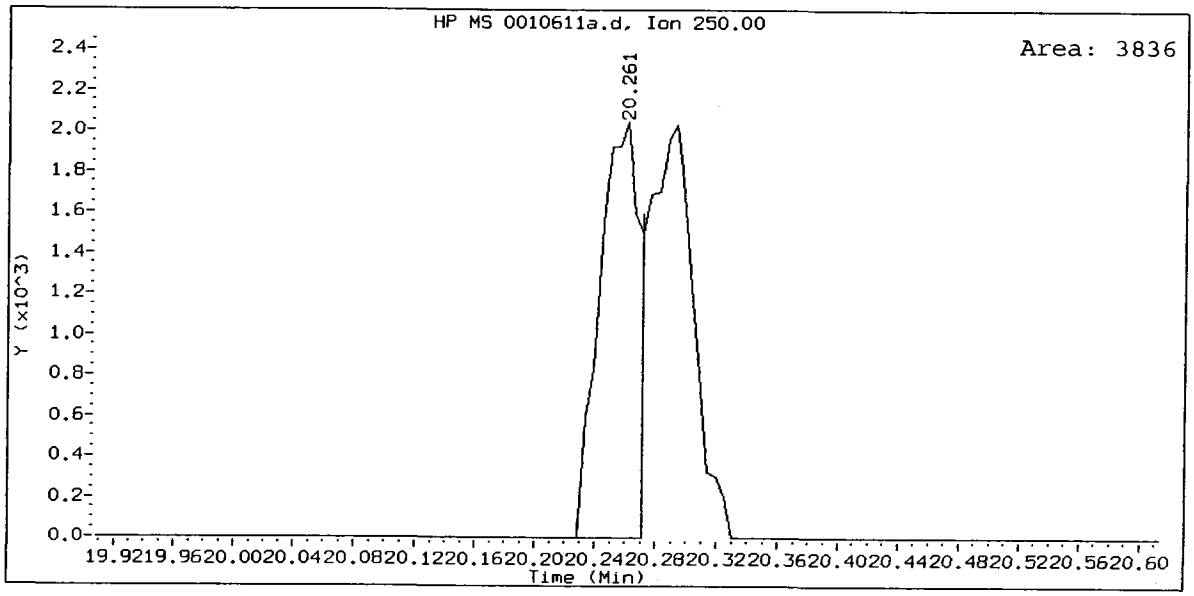
Benzo(b)fluoranthene Amount: 0.91







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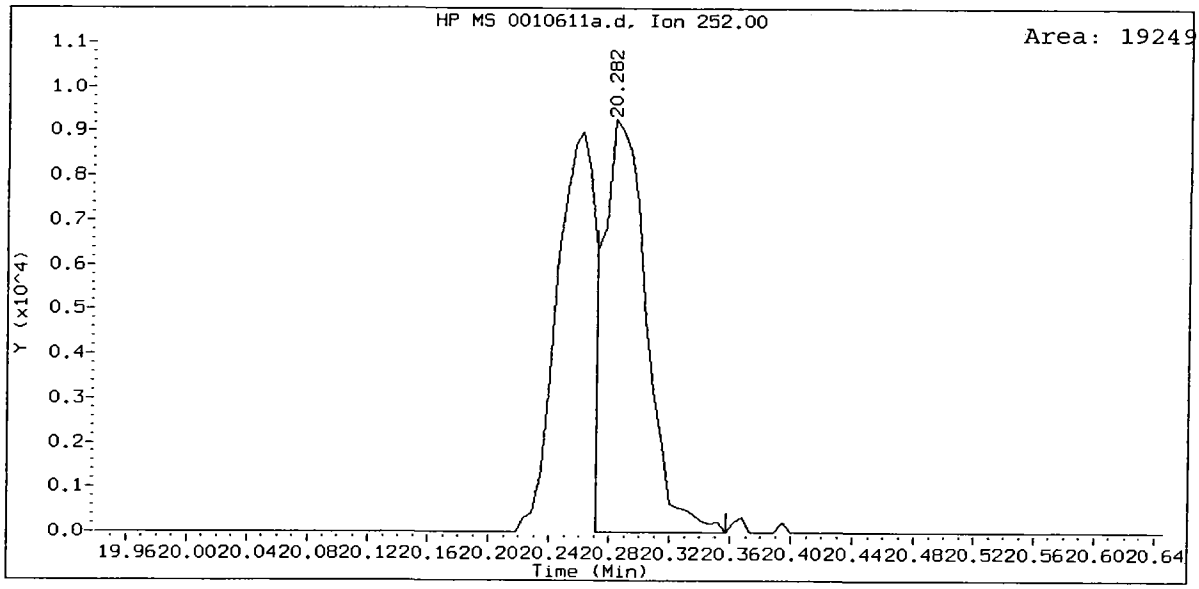
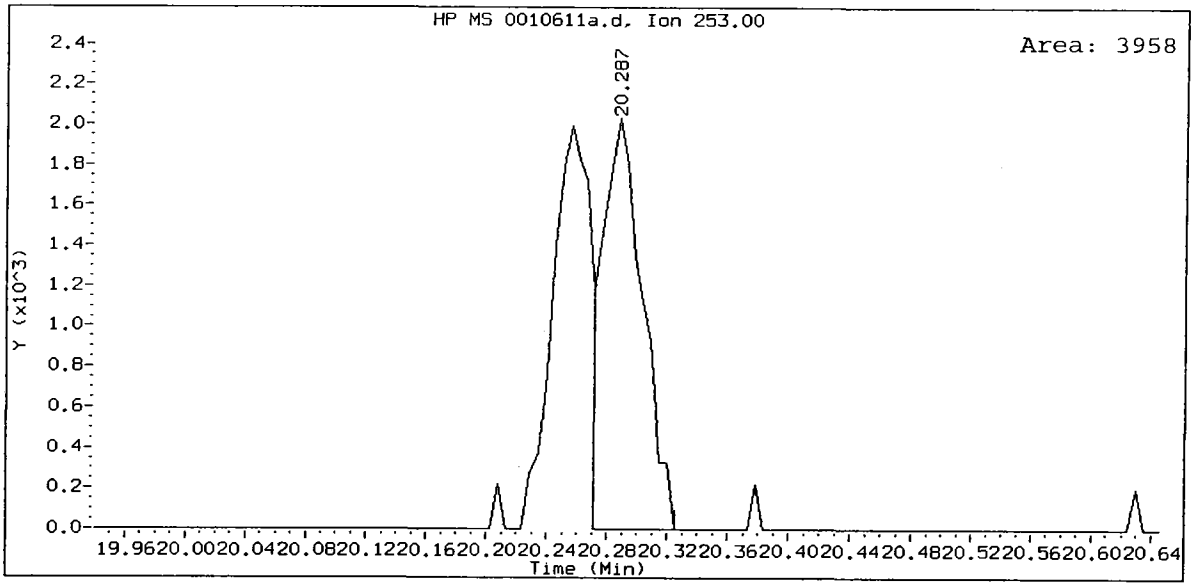
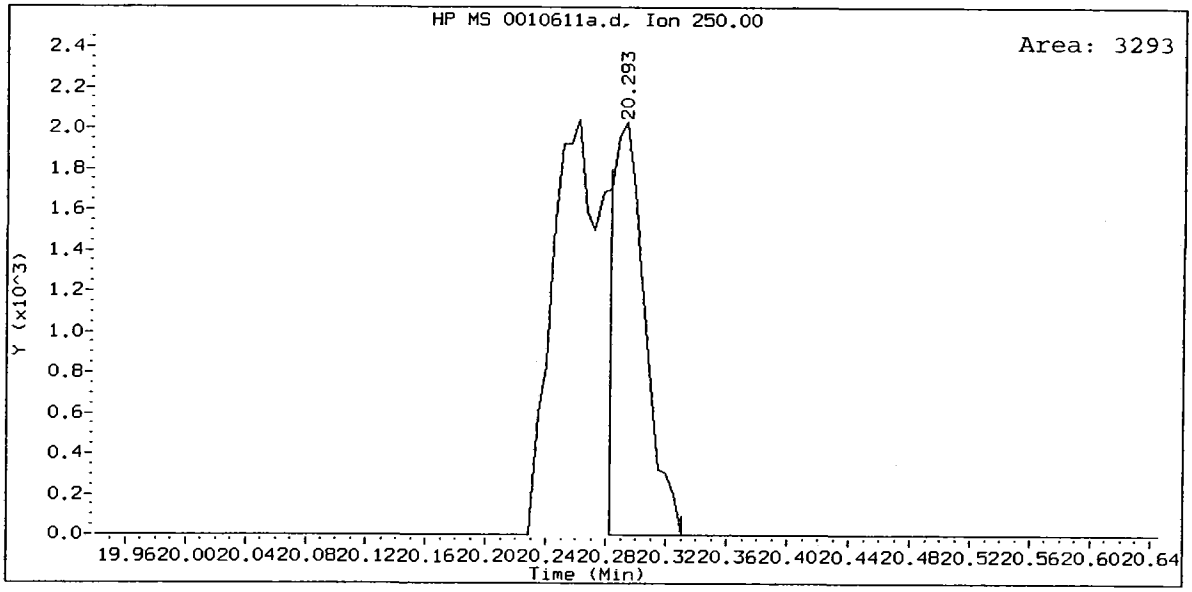
Benzo(k)fluoranthene Amount: 1.04







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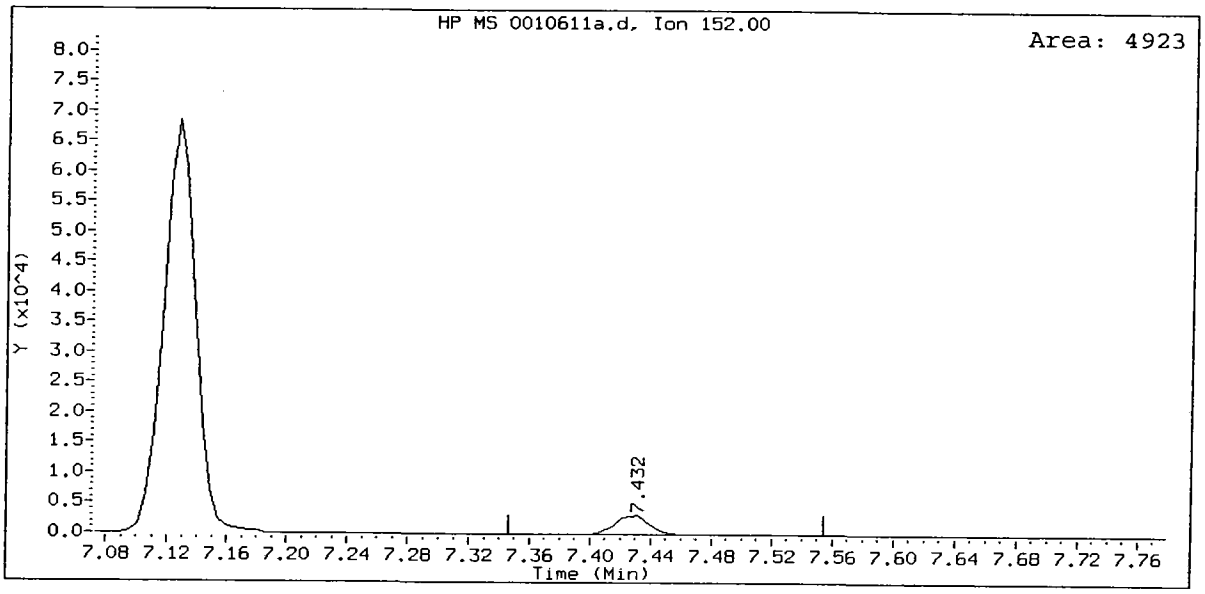
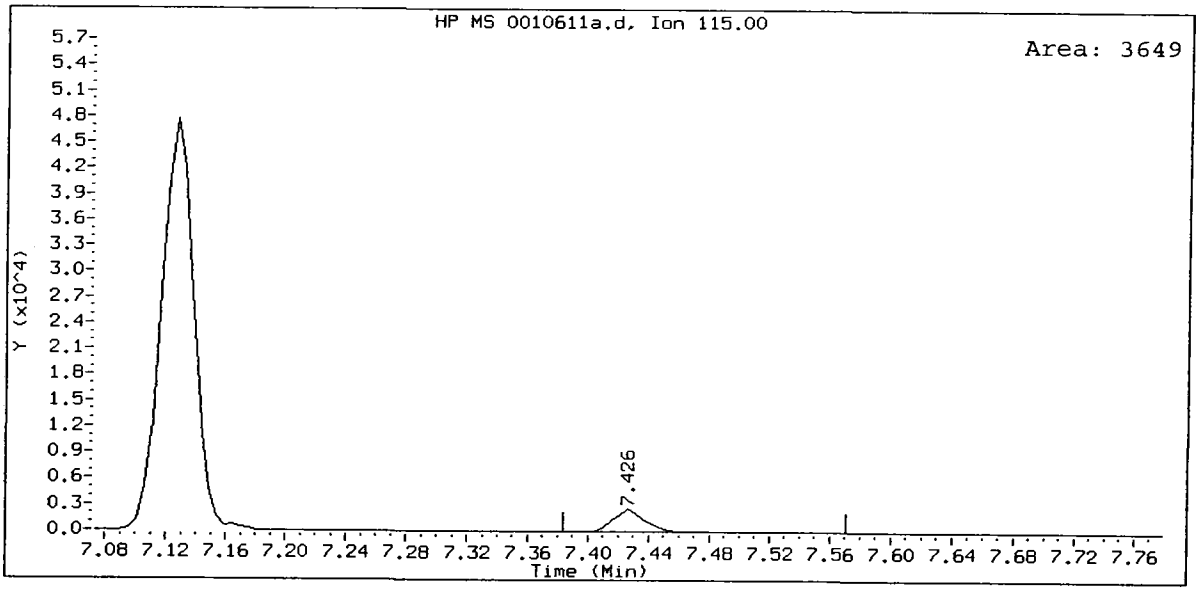
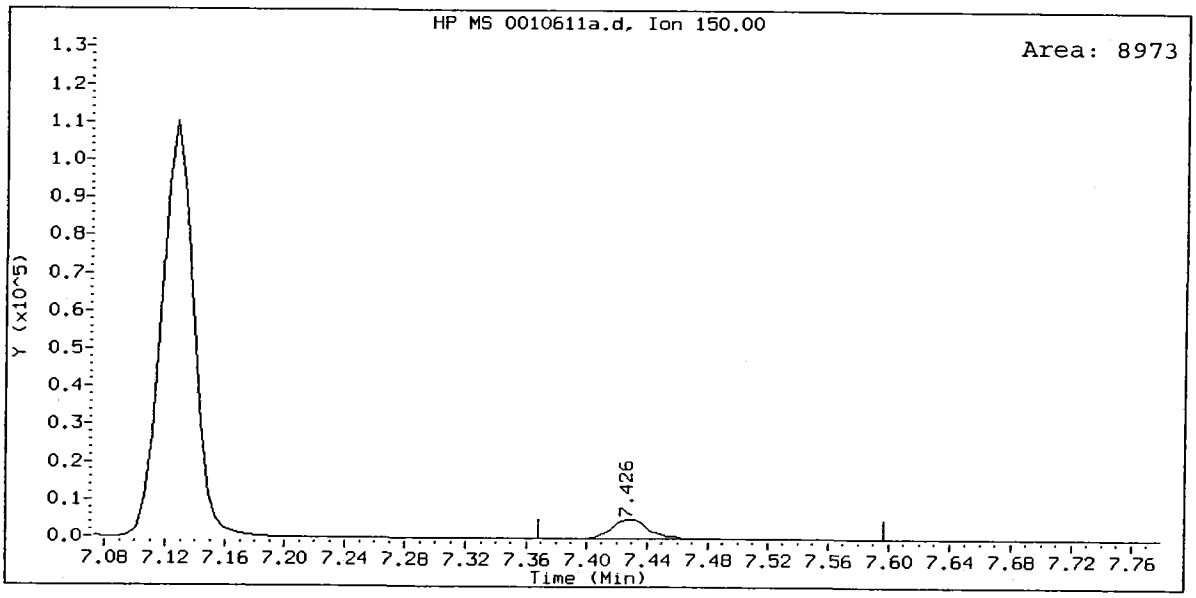
1,2-Dichlorobenzene-d4 Amount: 0.98







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0050611a.d
Lab Smp Id: ABN 5
Inj Date : 11-JUN-2009 14:21
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 5
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 8 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.103	5.103	(0.716)	44093	5.00000	5.407
$	2 Phenol-d5	99	6.780	6.780	(0.951)	61456	5.00000	5.612
	3 Phenol	94	6.796	6.796	(0.954)	64527	5.00000	5.456
$	5 2-Chlorophenol-d4	132	6.833	6.833	(0.959)	34483	5.00000	5.168
	4 Bis(2-Chloroethyl)ether	93	6.828	6.828	(0.958)	48094	5.00000	5.387
	6 2-Chlorophenol	128	6.855	6.855	(0.962)	40472	5.00000	5.418
	7 1,3-Dichlorobenzene	146	7.063	7.063	(0.991)	44039	5.00000	5.415
*	8 1,4-Dichlorobenzene-d4	152	7.127	7.127	(1.000)	98908	20.0000	
	9 1,4-Dichlorobenzene	146	7.154	7.154	(1.004)	43688	5.00000	5.364
$	10 1,2-Dichlorobenzene-d4	152	7.426	7.426	(1.042)	26096	5.00000	5.299
	12 1,2-Dichlorobenzene	146	7.448	7.448	(1.045)	42576	5.00000	5.325
	11 Benzyl alcohol	108	7.453	7.453	(1.046)	30469	5.00000	5.503 (M)
	14 2,2'-oxybis(1-Chloropropane)	45	7.720	7.720	(1.083)	60766	5.00000	5.495
	13 2-Methylphenol	108	7.731	7.731	(1.085)	41821	5.00000	5.400
	17 Hexachloroethane	117	7.939	7.939	(1.114)	20351	5.00000	5.406
	16 N-Nitroso-di-n-propylamine	70	7.934	7.934	(1.113)	40845	5.00000	5.563
	15 4-Methylphenol	108	7.971	7.971	(1.118)	43479	5.00000	5.492
$	18 Nitrobenzene-d5	82	8.078	8.078	(0.879)	57552	5.00000	5.558
	19 Nitrobenzene	77	8.104	8.104	(0.882)	60496	5.00000	5.628
	20 Isophorone	82	8.500	8.500	(0.925)	99159	5.00000	5.516
	21 2-Nitrophenol	139	8.633	8.633	(0.940)	19807	5.00000	5.059
	22 2,4-Dimethylphenol	107	8.799	8.799	(0.958)	44929	5.00000	5.242
	23 Bis(2-Chloroethoxy)methane	93	8.927	8.927	(0.972)	53650	5.00000	5.417
	24 Benzoic acid	105	8.991	8.991	(0.978)	43827	10.0000	8.183 (M)
	25 2,4-Dichlorophenol	162	9.034	9.034	(0.983)	28017	5.00000	5.020
	26 1,2,4-Trichlorobenzene	180	9.141	9.141	(0.995)	36031	5.00000	5.316
*	27 Naphthalene-d8	136	9.189	9.189	(1.000)	337167	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.215	9.215	(1.003)	108214	5.00000	5.399
	29 4-Chloroaniline	127	9.392	9.392	(1.022)	46136	5.00000	5.339
	30 Hexachlorobutadiene	225	9.557	9.557	(1.040)	19603	5.00000	5.170
	31 4-Chloro-3-methylphenol	107	10.252	10.252	(1.116)	34800	5.00000	4.924
	32 2-Methylnaphthalene	141	10.342	10.342	(1.126)	58978	5.00000	5.402
	33 Hexachlorocyclopentadiene	237	10.732	10.732	(0.892)	9060	5.00000	2.632
	34 2,4,6-Trichlorophenol	196	10.876	10.876	(0.904)	19120	5.00000	4.942
	35 2,4,5-Trichlorophenol	196	10.941	10.941	(0.909)	19110	5.00000	4.819
$	36 2-Fluorobiphenyl	172	10.999	10.999	(0.914)	73814	5.00000	5.480
	37 2-Chloronaphthalene	162	11.111	11.111	(0.924)	65223	5.00000	5.404
	38 2-Nitroaniline	65	11.363	11.363	(0.944)	25752	5.00000	5.130
	39 Dimethylphthalate	163	11.758	11.758	(0.977)	72738	5.00000	5.499
	40 Acenaphthylene	152	11.779	11.779	(0.979)	98372	5.00000	5.458
	41 2,6-Dinitrotoluene	165	11.843	11.843	(0.984)	14637	5.00000	5.089
*	42 Acenaphthene-d10	164	12.030	12.030	(1.000)	181326	20.0000	
	43 3-Nitroaniline	138	12.035	12.035	(1.000)	16603	5.00000	5.056
	44 Acenaphthene	153	12.078	12.078	(1.004)	61587	5.00000	5.415
	45 2,4-Dinitrophenol	184	12.212	12.212	(1.015)	4072	10.0000	13.69
	46 Dibenzofuran	168	12.340	12.340	(1.026)	90254	5.00000	5.492
	47 4-Nitrophenol	109	12.409	12.409	(1.032)	9348	5.00000	4.464
	48 2,4-Dinitrotoluene	165	12.457	12.457	(1.036)	18945	5.00000	5.080
	50 Diethylphthalate	149	12.911	12.911	(1.073)	64166	5.00000	5.329
	49 Fluorene	166	12.890	12.890	(1.071)	72628	5.00000	5.403
	51 4-Chlorophenyl-phenylether	204	12.943	12.943	(1.076)	35680	5.00000	5.378
	52 4-Nitroaniline	138	13.018	13.018	(1.082)	14717	5.00000	5.044
	53 4,6-Dinitro-2-methylphenol	198	13.104	13.104	(0.912)	16794	10.0000	7.850
	54 N-Nitrosodiphenylamine	169	13.152	13.152	(0.915)	47863	5.00000	5.400
$	55 2,4,6-Tribromophenol	330	13.317	13.317	(1.107)	8653	5.00000	5.005
	56 4-Bromophenyl-phenylether	248	13.713	13.713	(0.954)	19346	5.00000	5.355
	57 Hexachlorobenzene	284	13.910	13.910	(0.968)	19769	5.00000	5.361
	58 Pentachlorophenol	266	14.220	14.220	(0.989)	6752	5.00000	4.010
*	59 Phenanthrene-d10	188	14.375	14.375	(1.000)	284076	20.0000	
	60 Phenanthrene	178	14.412	14.412	(1.003)	97988	5.00000	5.434
	61 Anthracene	178	14.482	14.482	(1.007)	98212	5.00000	5.373
	62 Carbazole	167	14.786	14.786	(1.029)	80607	5.00000	5.366
	63 Di-n-butylphthalate	149	15.550	15.550	(1.082)	98889	5.00000	5.502
	64 Fluoranthene	202	16.330	16.330	(1.136)	102832	5.00000	5.586
	65 Pyrene	202	16.672	16.672	(0.894)	103898	5.00000	5.490
$	66 Terphenyl-d14	244	17.029	17.029	(0.913)	65240	5.00000	5.347
	67 Butylbenzylphthalate	149	17.937	17.937	(0.962)	41034	5.00000	5.369
	68 Benzo(a)anthracene	228	18.621	18.621	(0.999)	89063	5.00000	5.282
*	69 Chrysene-d12	240	18.648	18.648	(1.000)	228455	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.664	18.664	(1.001)	34073	5.00000	5.512
	71 Chrysene	228	18.680	18.680	(1.002)	84644	5.00000	5.243
	72 bis(2-Ethylhexyl)phthalate	149	18.958	18.958	(0.953)	54710	5.00000	5.567
*	134 Di-n-octylphthalate-d4	153	19.887	19.887	(1.000)	316858	20.0000	
	73 Di-n-octylphthalate	149	19.898	19.898	(1.001)	93416	5.00000	5.469

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	74 Benzo(b)fluoranthene	252	20.261	20.261	(0.975)	82142	5.00000	4.865
	75 Benzo(k)fluoranthene	252	20.293	20.293	(0.977)	104406	5.00000	6.020(M)
	76 Benzo(a)pyrene	252	20.693	20.693	(0.996)	80762	5.00000	5.284
*	77 Perylene-d12	264	20.779	20.779	(1.000)	233018	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.119	22.119	(1.065)	104515	5.00000	5.129
	79 Dibenzo(a,h)anthracene	278	22.151	22.151	(1.066)	81021	5.00000	5.237
	80 Benzo(g,h,i)perylene	276	22.419	22.419	(1.079)	91851	5.00000	5.158
	90 N-Nitrosodimethylamine	74	2.197	2.197	(0.308)	33923	5.00000	5.413
	103 Pyridine	79	2.192	2.192	(0.308)	56023	5.00000	5.212
	91 Aniline	93	6.684	6.684	(0.938)	83027	5.00000	5.535
	105 1-methylnaphthalene	141	10.508	10.508	(1.144)	56989	5.00000	5.450
	93 Benzidine	184	16.613	16.613	(0.891)	49229	5.00000	5.676
	111 Azobenzene (1,2-DP-Hydrazine)	77	13.189	13.189	(1.096)	106787	5.00000	5.542
	143 1,4-Dioxane	88	1.749	1.749	(0.245)	22161	5.00000	5.248
$	137 d8-1,4-Dioxane	96	1.717	1.717	(0.241)	22930	5.00000	5.095
	144 alpha-Terpineol	59	9.279	9.279	(1.010)	32604	5.00000	5.376
	98 Retene	219	17.259	17.259	(0.926)	32596	5.00000	5.290
	133 Butylatedhydroxytoluene	205	12.260	12.260	(1.019)	56062	5.00000	5.361
	115 Tributyl Phosphate	99	13.301	13.301	(0.925)	93222	5.00000	5.488
	116 Dibutyl Phenyl Phosphate	175	15.000	15.000	(1.043)	47123	5.00000	5.336
	117 Butyl Diphenyl Phosphate	94	16.661	16.661	(0.893)	22449	5.00000	5.623
	118 Triphenyl Phosphate	326	18.231	18.231	(0.978)	13663	5.00000	5.337
	123 Acetophenone	105	7.853	7.853	(1.102)	60600	5.00000	5.601
	179 n-Decane	57	7.010	7.010	(0.984)	49957	5.00000	5.436
	180 n-Octadecane	57	14.396	14.396	(1.001)	49642	5.00000	5.421
	168 Pentachlorobenzene	250	12.388	12.388	(1.030)	26095	5.00000	5.424
	113 Diphenyl Oxide	170	11.325	11.325	(0.941)	43298	5.00000	5.283
	112 Biphenyl	154	11.127	11.127	(0.925)	90207	5.00000	5.539

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0050611a.d
Lab Smp Id: ABN 5
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	98908	-11.99
27 Naphthalene-d8	384492	192246	768984	337167	-12.31
42 Acenaphthene-d10	217478	108739	434956	181326	-16.62
59 Phenanthrene-d10	336594	168297	673188	284076	-15.60
69 Chrysene-d12	247160	123580	494320	228455	-7.57
134 Di-n-octylphthala	347036	173518	694072	316858	-8.70
77 Perylene-d12	232938	116469	465876	233018	0.03

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	-0.11
27 Naphthalene-d8	9.19	8.69	9.69	9.19	-0.03
42 Acenaphthene-d10	12.03	11.53	12.53	12.03	-0.02
59 Phenanthrene-d10	14.38	13.88	14.88	14.37	-0.05
69 Chrysene-d12	18.66	18.16	19.16	18.65	-0.04
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	-0.01
77 Perylene-d12	20.78	20.28	21.28	20.78	-0.01

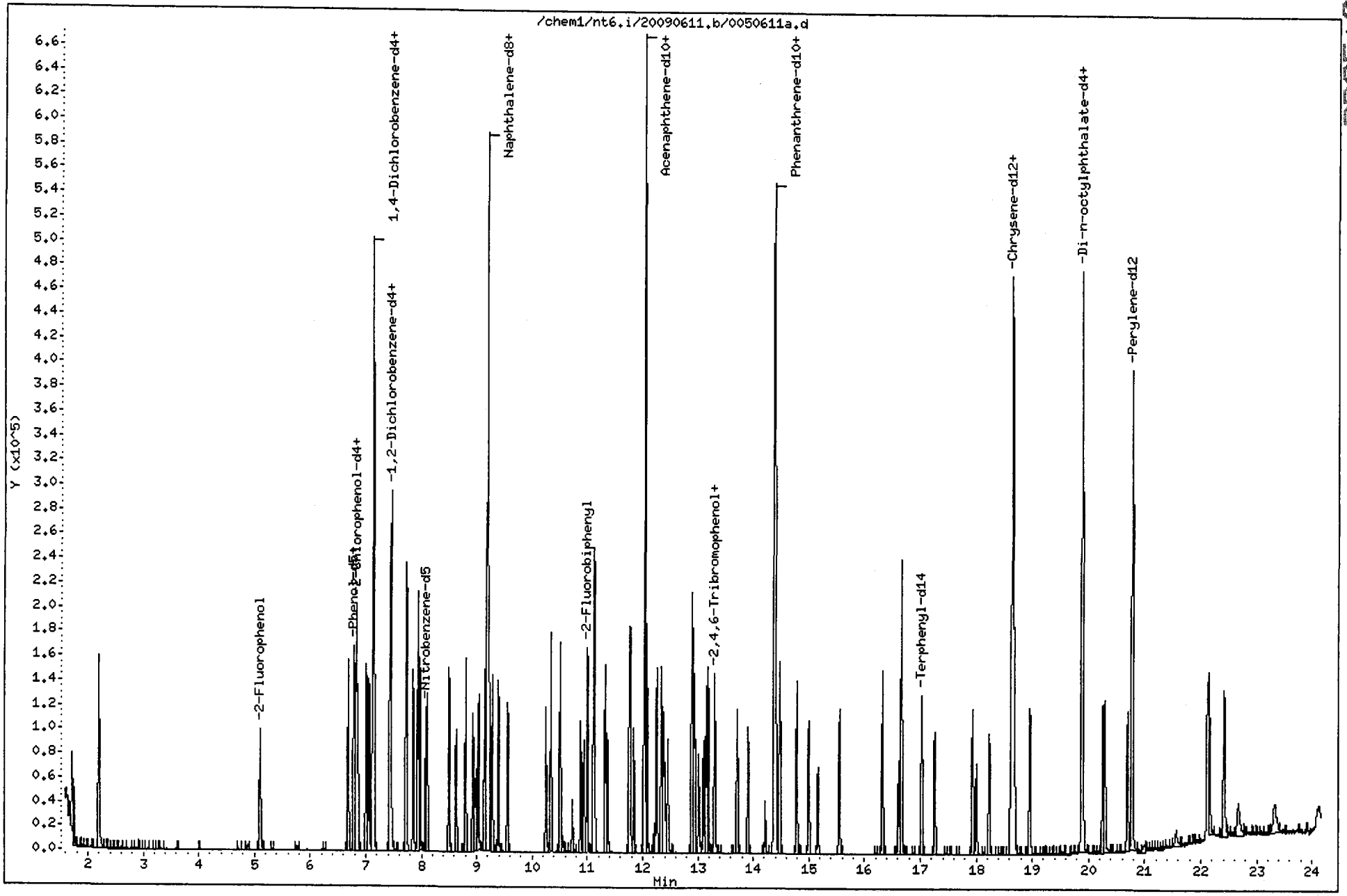
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611.b/0050611a.d
Date : 11-JUN-2009 14:21
Client ID:
Sample Info: ABN 5

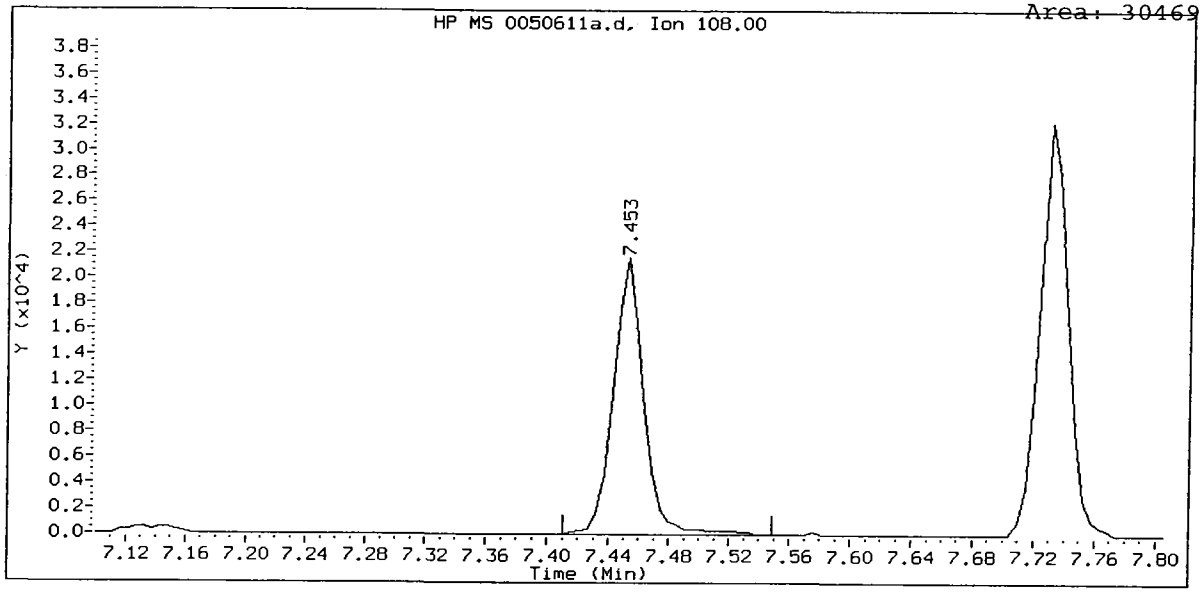
Column phase: ZB-5

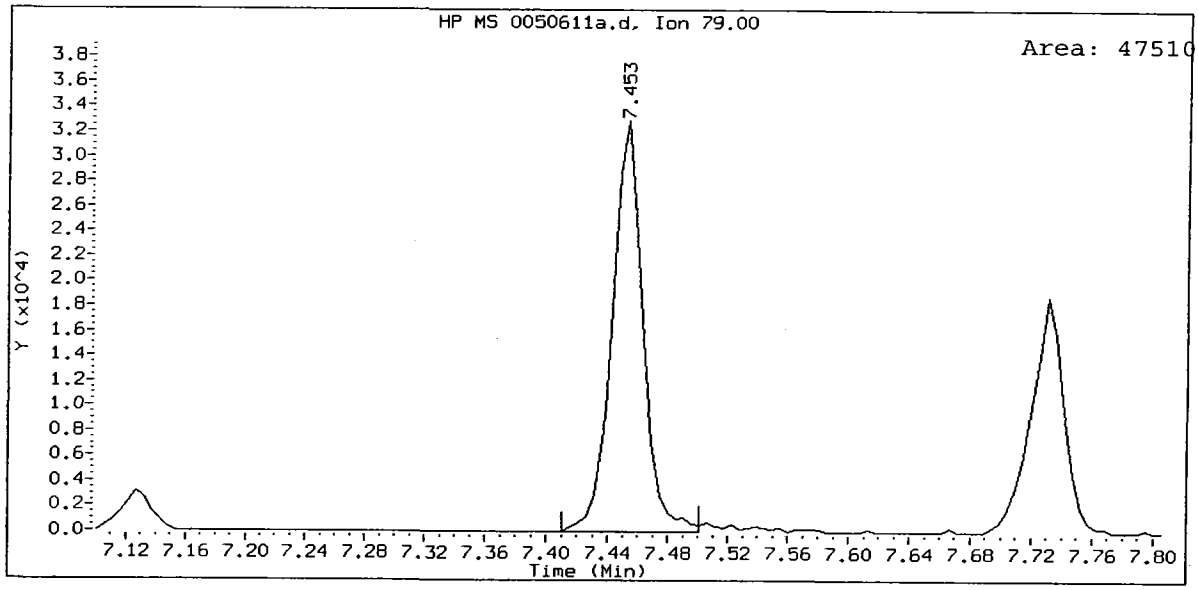
Instrument: nt6.i

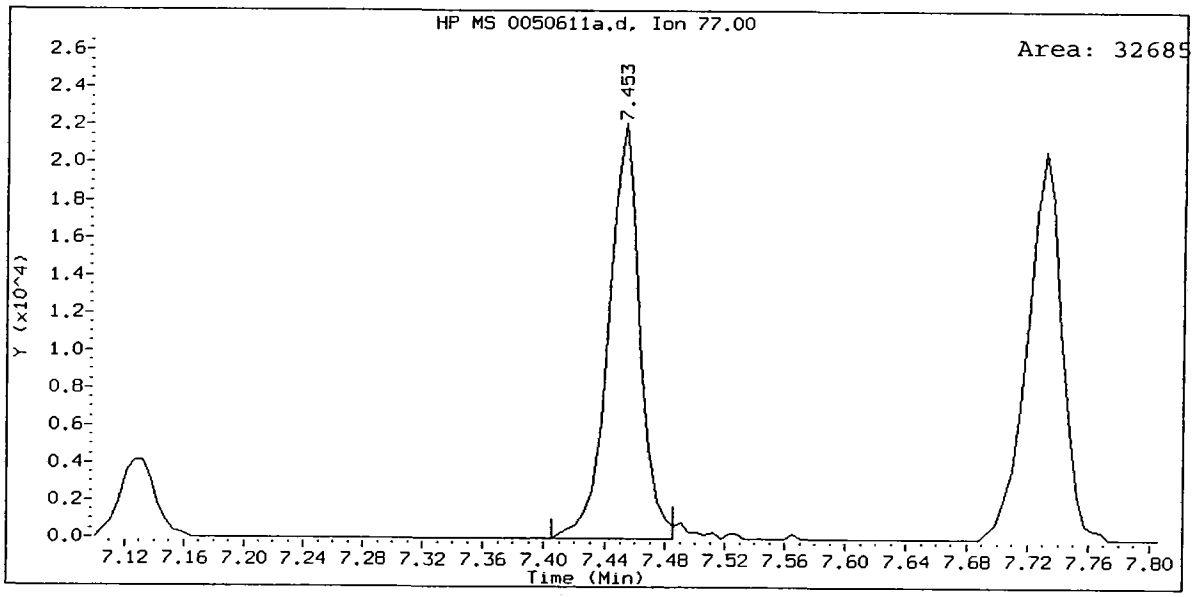
Operator: LJR/VTS
Column diameter: 0.32



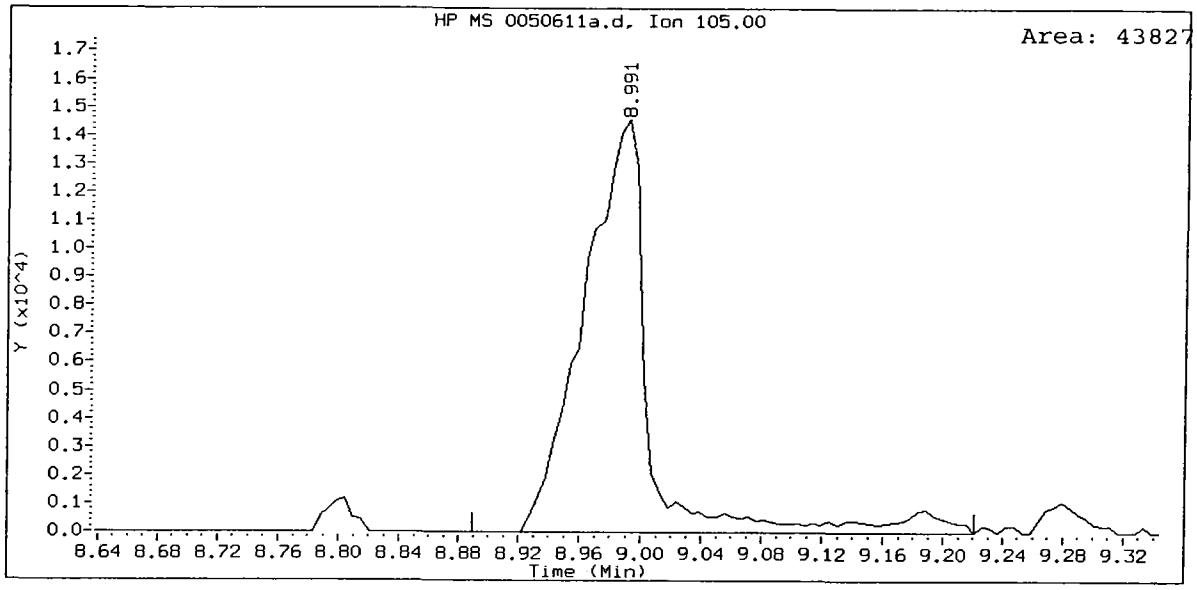
ABN 5, /chem1/nt6.i/20090611.b/0050611a.d
Benzyl alcohol Amount: 5.50

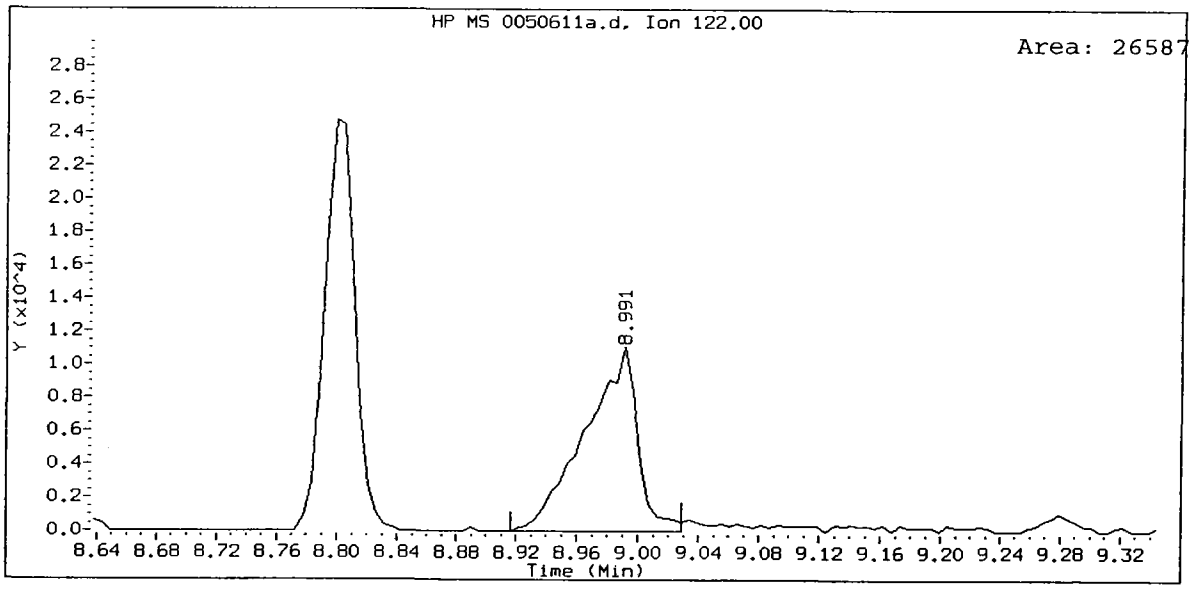


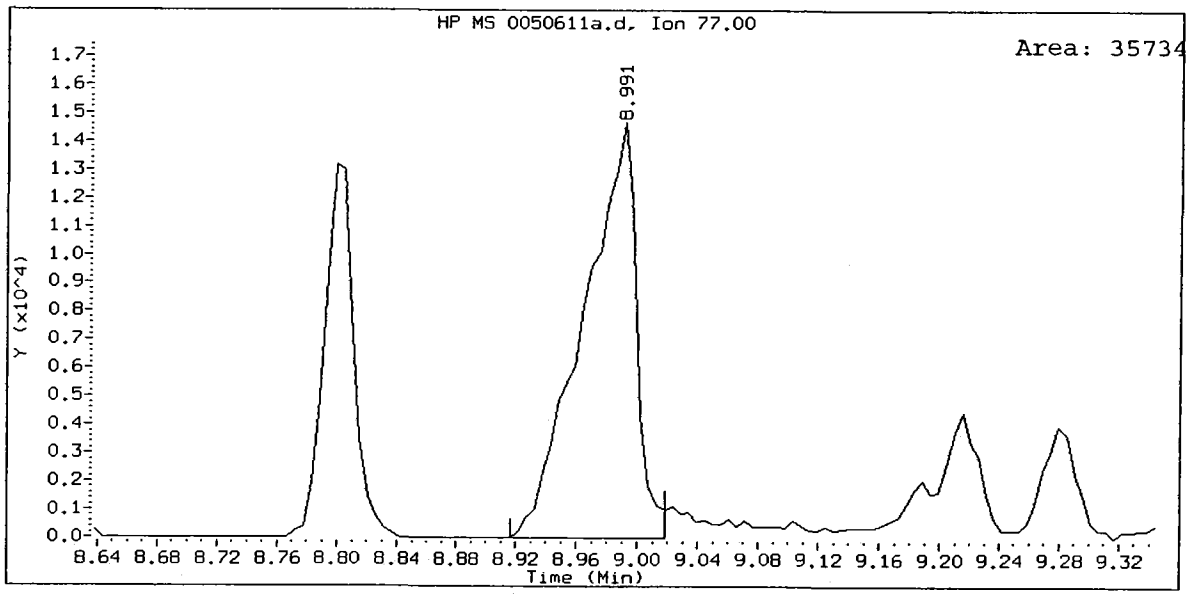




ABN 5, /chem1/nt6.i/20090611.b/0050611a.d
Benzoic acid Amount: 8.18







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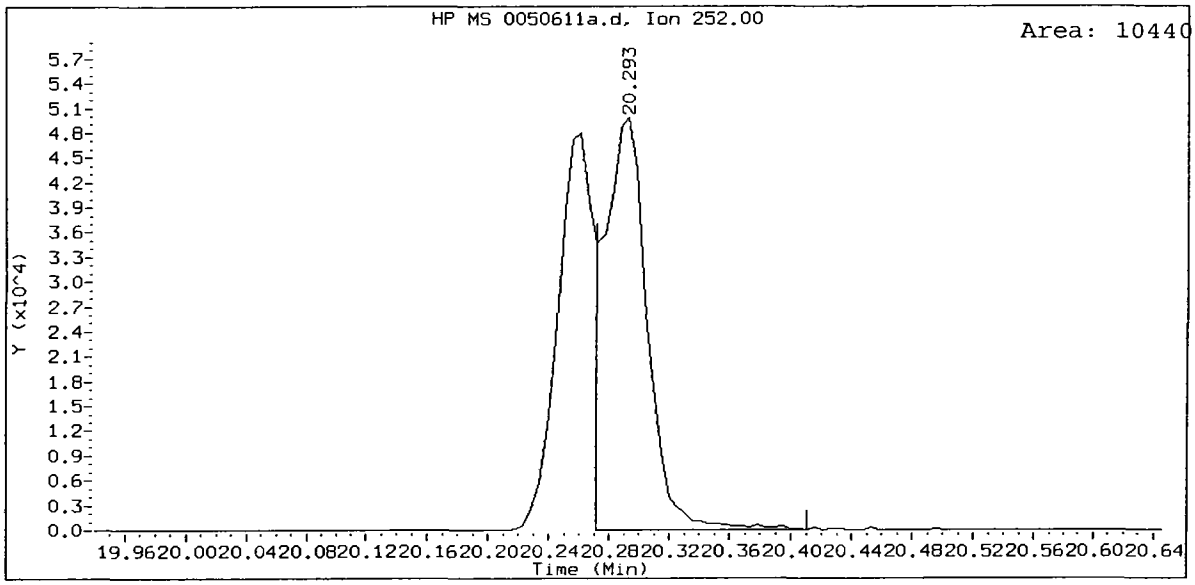
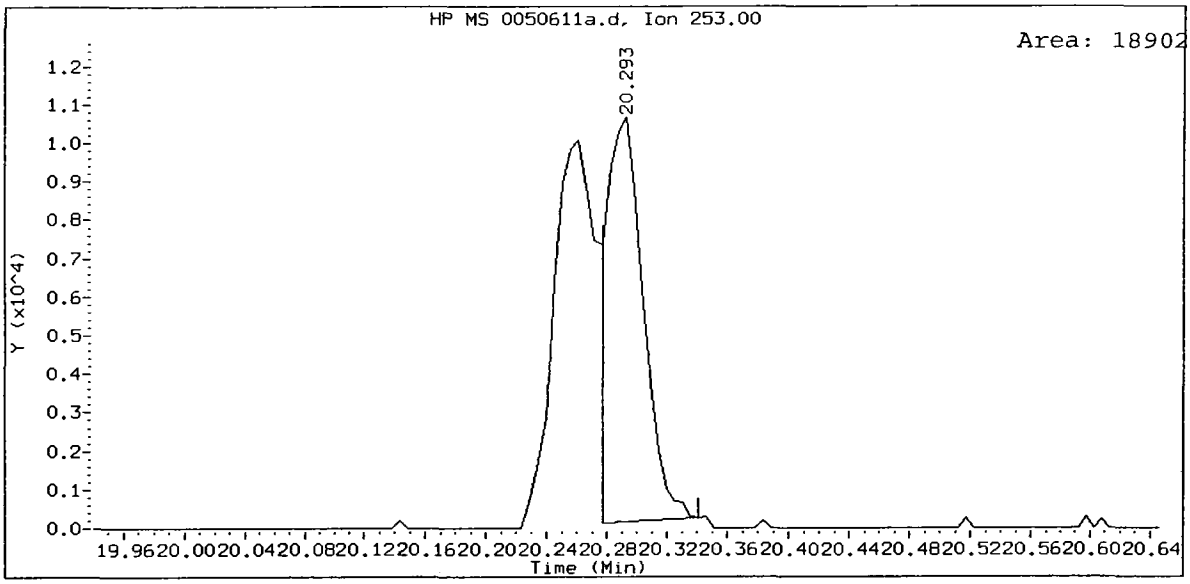
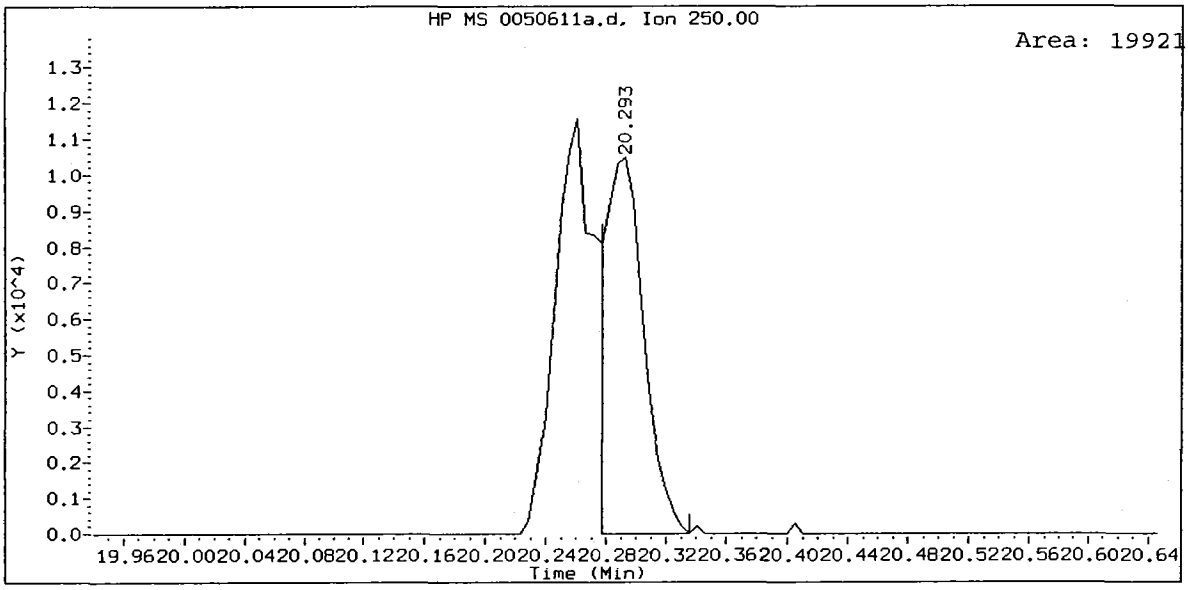
Benzo(k)fluoranthene Amount: 6.02







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0100611.d
Lab Smp Id: ABN 10
Inj Date : 11-JUN-2009 13:15
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 10
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 6/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.105	5.103	(0.716)	82516	10.0000	10.31
$	2 Phenol-d5	99	6.783	6.780	(0.951)	108785	10.0000	10.13
	3 Phenol	94	6.799	6.796	(0.954)	123945	10.0000	10.68
$	5 2-Chlorophenol-d4	132	6.831	6.833	(0.958)	66372	10.0000	10.14
	4 Bis(2-Chloroethyl)ether	93	6.831	6.828	(0.958)	90699	10.0000	10.36
	6 2-Chlorophenol	128	6.857	6.855	(0.962)	78575	10.0000	10.72
	7 1,3-Dichlorobenzene	146	7.060	7.063	(0.990)	82544	10.0000	10.35
*	8 1,4-Dichlorobenzene-d4	152	7.130	7.127	(1.000)	97036	20.0000	
	9 1,4-Dichlorobenzene	146	7.156	7.154	(1.004)	82754	10.0000	10.36
$	10 1,2-Dichlorobenzene-d4	152	7.429	7.426	(1.042)	47985	10.0000	9.931
	12 1,2-Dichlorobenzene	146	7.450	7.448	(1.045)	82313	10.0000	10.49
	11 Benzyl alcohol	108	7.455	7.453	(1.046)	55803	10.0000	10.27
	14 2,2'-oxybis(1-Chloropropane)	45	7.723	7.720	(1.083)	112071	10.0000	10.33
	13 2-Methylphenol	108	7.733	7.731	(1.085)	81339	10.0000	10.70 (H)
	17 Hexachloroethane	117	7.942	7.939	(1.114)	38911	10.0000	10.53
	16 N-Nitroso-di-n-propylamine	70	7.936	7.934	(1.113)	74593	10.0000	10.36
	15 4-Methylphenol	108	7.974	7.971	(1.118)	81560	10.0000	10.50
$	18 Nitrobenzene-d5	82	8.080	8.078	(0.879)	103023	10.0000	10.43
	19 Nitrobenzene	77	8.107	8.104	(0.882)	110097	10.0000	10.74
	20 Isophorone	82	8.502	8.500	(0.925)	184046	10.0000	10.73
	21 2-Nitrophenol	139	8.631	8.633	(0.939)	38116	10.0000	10.20
	22 2,4-Dimethylphenol	107	8.801	8.799	(0.958)	87914	10.0000	10.75
	23 Bis(2-Chloroethoxy)methane	93	8.930	8.927	(0.972)	98569	10.0000	10.43
	24 Benzoic acid	105	9.031	8.991	(0.983)	97876	20.0000	19.16 (M)
	25 2,4-Dichlorophenol	162	9.036	9.034	(0.983)	56460	10.0000	10.60
	26 1,2,4-Trichlorobenzene	180	9.143	9.141	(0.995)	65925	10.0000	10.20
*	27 Naphthalene-d8	136	9.191	9.189	(1.000)	321647	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.218	9.215	(1.003)	202077	10.0000	10.57
	29 4-Chloroaniline	127	9.394	9.392	(1.022)	84923	10.0000	10.30
	30 Hexachlorobutadiene	225	9.560	9.557	(1.040)	36930	10.0000	10.21
	31 4-Chloro-3-methylphenol	107	10.254	10.252	(1.116)	67446	10.0000	10.00
	32 2-Methylnaphthalene	141	10.345	10.342	(1.126)	107934	10.0000	10.36
	33 Hexachlorocyclopentadiene	237	10.730	10.732	(0.892)	22217	10.0000	6.657
	34 2,4,6-Trichlorophenol	196	10.879	10.876	(0.904)	38134	10.0000	10.16
	35 2,4,5-Trichlorophenol	196	10.938	10.941	(0.909)	38061	10.0000	9.898
$	36 2-Fluorobiphenyl	172	11.002	10.999	(0.914)	133593	10.0000	10.23
	37 2-Chloronaphthalene	162	11.114	11.111	(0.924)	119568	10.0000	10.22
	38 2-Nitroaniline	65	11.365	11.363	(0.944)	48503	10.0000	9.964
	39 Dimethylphthalate	163	11.760	11.758	(0.977)	134046	10.0000	10.45
	40 Acenaphthylene	152	11.776	11.779	(0.979)	181231	10.0000	10.37
	41 2,6-Dinitrotoluene	165	11.841	11.843	(0.984)	27772	10.0000	9.959
*	42 Acenaphthene-d10	164	12.033	12.030	(1.000)	175814	20.0000	
	43 3-Nitroaniline	138	12.038	12.035	(1.000)	31527	10.0000	9.902
	44 Acenaphthene	153	12.081	12.078	(1.004)	116594	10.0000	10.57
	45 2,4-Dinitrophenol	184	12.214	12.212	(1.015)	14966	20.0000	20.04
	46 Dibenzofuran	168	12.343	12.340	(1.026)	163582	10.0000	10.27
	47 4-Nitrophenol	109	12.412	12.409	(1.032)	19816	10.0000	9.760
	48 2,4-Dinitrotoluene	165	12.460	12.457	(1.036)	36084	10.0000	9.979
	50 Diethylphthalate	149	12.914	12.911	(1.073)	121477	10.0000	10.41
	49 Fluorene	166	12.893	12.890	(1.071)	134409	10.0000	10.31
	51 4-Chlorophenyl-phenylether	204	12.946	12.943	(1.076)	66060	10.0000	10.27
	52 4-Nitroaniline	138	13.021	13.018	(1.082)	29056	10.0000	10.27
	53 4,6-Dinitro-2-methylphenol	198	13.106	13.104	(0.912)	38911	20.0000	18.86
	54 N-Nitrosodiphenylamine	169	13.154	13.152	(0.915)	89848	10.0000	10.51
$	55 2,4,6-Tribromophenol	330	13.315	13.317	(1.107)	15792	10.0000	9.420
	56 4-Bromophenyl-phenylether	248	13.715	13.713	(0.954)	35910	10.0000	10.31
	57 Hexachlorobenzene	284	13.908	13.910	(0.967)	35798	10.0000	10.07
	58 Pentachlorophenol	266	14.223	14.220	(0.989)	14513	10.0000	8.937
*	59 Phenanthrene-d10	188	14.378	14.375	(1.000)	273945	20.0000	
	60 Phenanthrene	178	14.410	14.412	(1.002)	183673	10.0000	10.56
	61 Anthracene	178	14.484	14.482	(1.007)	185734	10.0000	10.54
	62 Carbazole	167	14.789	14.786	(1.029)	152296	10.0000	10.51
	63 Di-n-butylphthalate	149	15.553	15.550	(1.082)	184194	10.0000	10.63
	64 Fluoranthene	202	16.327	16.330	(1.136)	189590	10.0000	10.68
	65 Pyrene	202	16.669	16.672	(0.894)	192156	10.0000	10.30
$	66 Terphenyl-d14	244	17.032	17.029	(0.913)	120602	10.0000	10.03
	67 Butylbenzylphthalate	149	17.940	17.937	(0.962)	79397	10.0000	10.54
	68 Benzo(a)anthracene	228	18.624	18.621	(0.999)	173493	10.0000	10.44
*	69 Chrysene-d12	240	18.645	18.648	(1.000)	225200	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.666	18.664	(1.001)	63386	10.0000	10.40
	71 Chrysene	228	18.682	18.680	(1.002)	162803	10.0000	10.23
	72 bis(2-Ethylhexyl)phthalate	149	18.955	18.958	(0.953)	106311	10.0000	10.63
*	134 Di-n-octylphthalate-d4	153	19.890	19.887	(1.000)	322577	20.0000	
	73 Di-n-octylphthalate	149	19.895	19.898	(1.000)	182918	10.0000	10.52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.258	20.261	(0.975)	192540	10.0000	10.94
75	Benzo(k)fluoranthene	252	20.295	20.293	(0.977)	178729	10.0000	9.883
76	Benzo(a)pyrene	252	20.696	20.693	(0.996)	164636	10.0000	10.33
* 77	Perylene-d12	264	20.781	20.779	(1.000)	242978	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.122	22.119	(1.064)	209945	10.0000	9.881
79	Dibenzo(a,h)anthracene	278	22.154	22.151	(1.066)	166051	10.0000	10.29
80	Benzo(g,h,i)perylene	276	22.421	22.419	(1.079)	188889	10.0000	10.17
90	N-Nitrosodimethylamine	74	2.200	2.197	(0.309)	64367	10.0000	10.47
103	Pyridine	79	2.189	2.192	(0.307)	108120	10.0000	10.25
91	Aniline	93	6.686	6.684	(0.938)	152333	10.0000	10.35
105	1-methylnaphthalene	141	10.511	10.508	(1.144)	103720	10.0000	10.40
93	Benzidine	184	16.610	16.613	(0.891)	93183	10.0000	10.90
111	Azobenzene (1,2-DP-Hydrazine)	77	13.186	13.189	(1.096)	197142	10.0000	10.55
143	1,4-Dioxane	88	1.746	1.749	(0.245)	41989	10.0000	10.14
$ 137	d8-1,4-Dioxane	96	1.714	1.717	(0.240)	42052	10.0000	9.525
144	alpha-Terpineol	59	9.282	9.279	(1.010)	60059	10.0000	10.38
98	Retene	219	17.262	17.259	(0.926)	63173	10.0000	10.40
133	Butylatedhydroxytoluene	205	12.257	12.260	(1.019)	104851	10.0000	10.34
115	Tributyl Phosphate	99	13.304	13.301	(0.925)	173073	10.0000	10.57
116	Dibutyl Phenyl Phosphate	175	15.002	15.000	(1.043)	88681	10.0000	10.41
117	Butyl Diphenyl Phosphate	94	16.658	16.661	(0.893)	40693	10.0000	10.34
118	Triphenyl Phosphate	326	18.239	18.231	(0.978)	26086	10.0000	10.34
123	Acetophenone	105	7.856	7.853	(1.102)	112966	10.0000	10.64
179	n-Decane	57	7.012	7.010	(0.984)	93975	10.0000	10.42
180	n-Octadecane	57	14.399	14.396	(1.001)	93482	10.0000	10.59
168	Pentachlorobenzene	250	12.391	12.388	(1.030)	47299	10.0000	10.14
113	Diphenyl Oxide	170	11.328	11.325	(0.941)	80547	10.0000	10.14
112	Biphenyl	154	11.130	11.127	(0.925)	163279	10.0000	10.34

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0100611.d
Lab Smp Id: ABN 10
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	97036	-13.66
27 Naphthalene-d8	384492	192246	768984	321647	-16.34
42 Acenaphthene-d10	217478	108739	434956	175814	-19.16
59 Phenanthrene-d10	336594	168297	673188	273945	-18.61
69 Chrysene-d12	247160	123580	494320	225200	-8.88
134 Di-n-octylphthala	347036	173518	694072	322577	-7.05
77 Perylene-d12	232938	116469	465876	242978	4.31

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	-0.07
27 Naphthalene-d8	9.19	8.69	9.69	9.19	0.00
42 Acenaphthene-d10	12.03	11.53	12.53	12.03	0.00
59 Phenanthrene-d10	14.38	13.88	14.88	14.38	-0.04
69 Chrysene-d12	18.66	18.16	19.16	18.65	-0.06
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	0.00
77 Perylene-d12	20.78	20.28	21.28	20.78	0.00

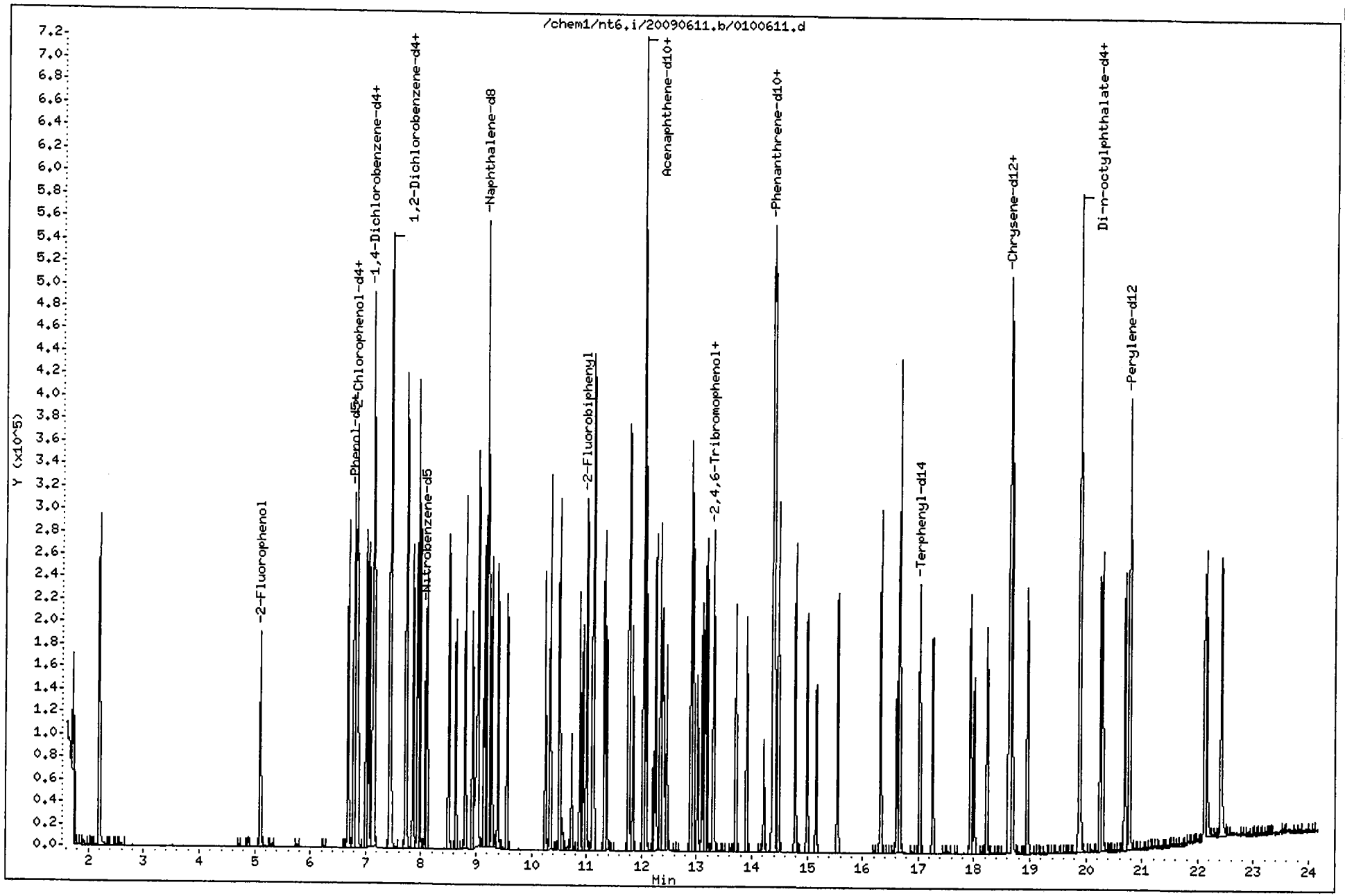
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611.b/0100611.d
Date : 11-JUN-2009 13:15
Client ID:
Sample Info: ABN 10

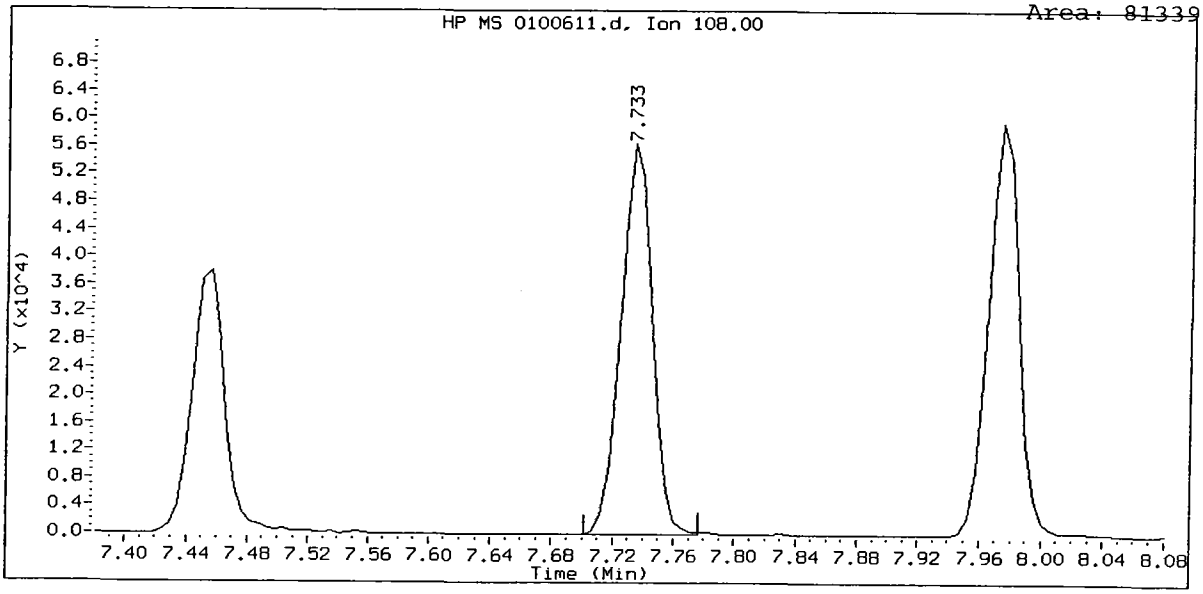
Column phase: ZB-5

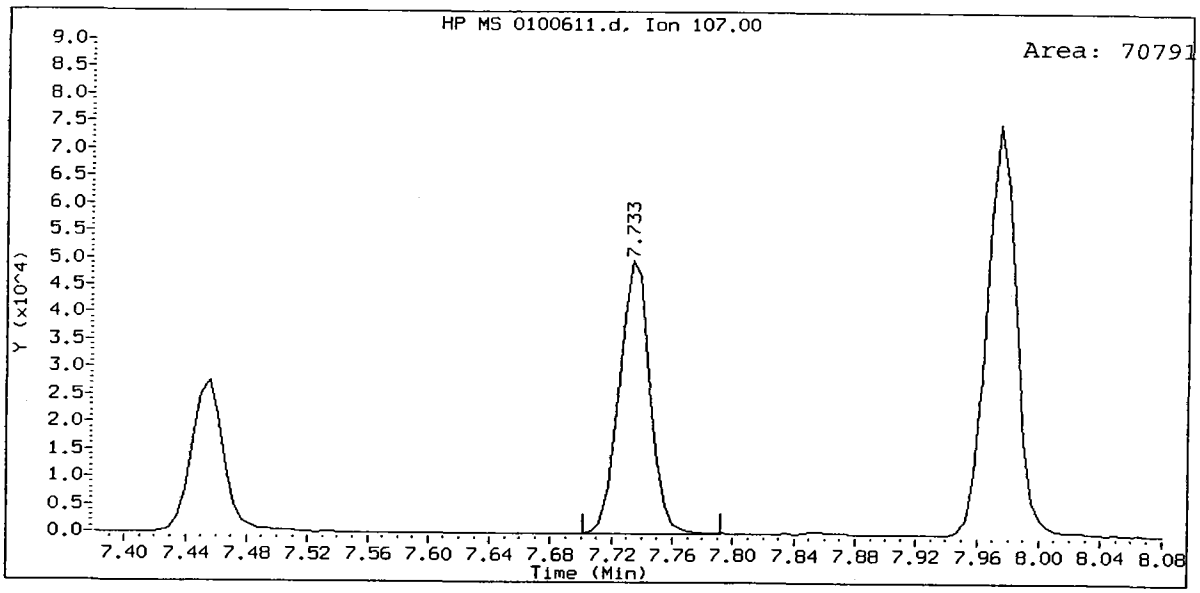
Instrument: nt6.i

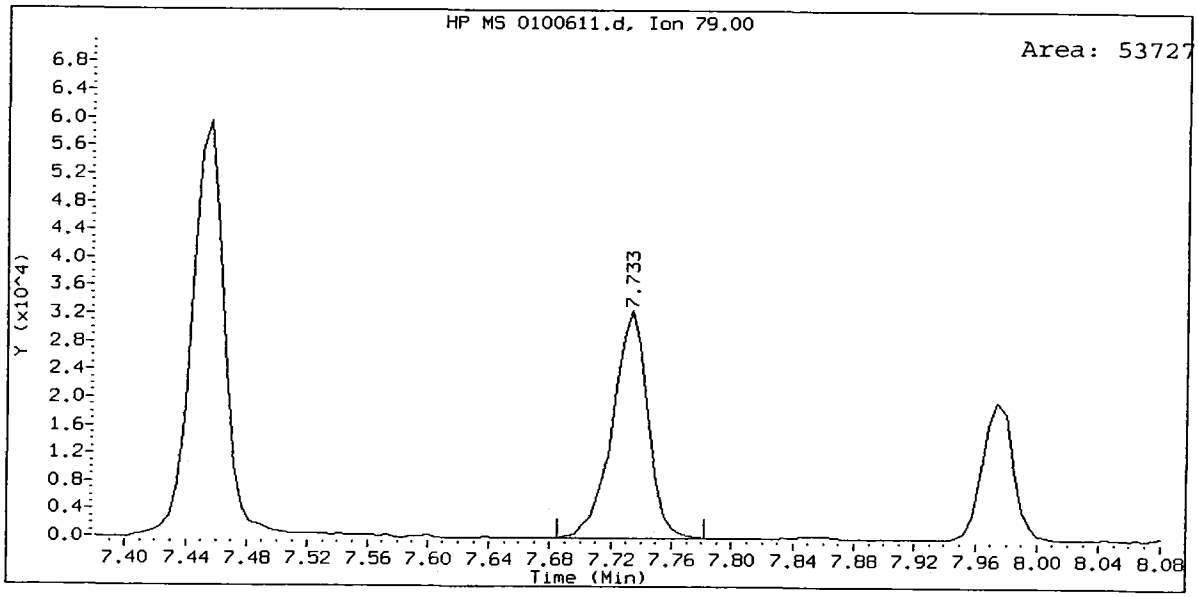
Operator: LJR/VTS
Column diameter: 0.32



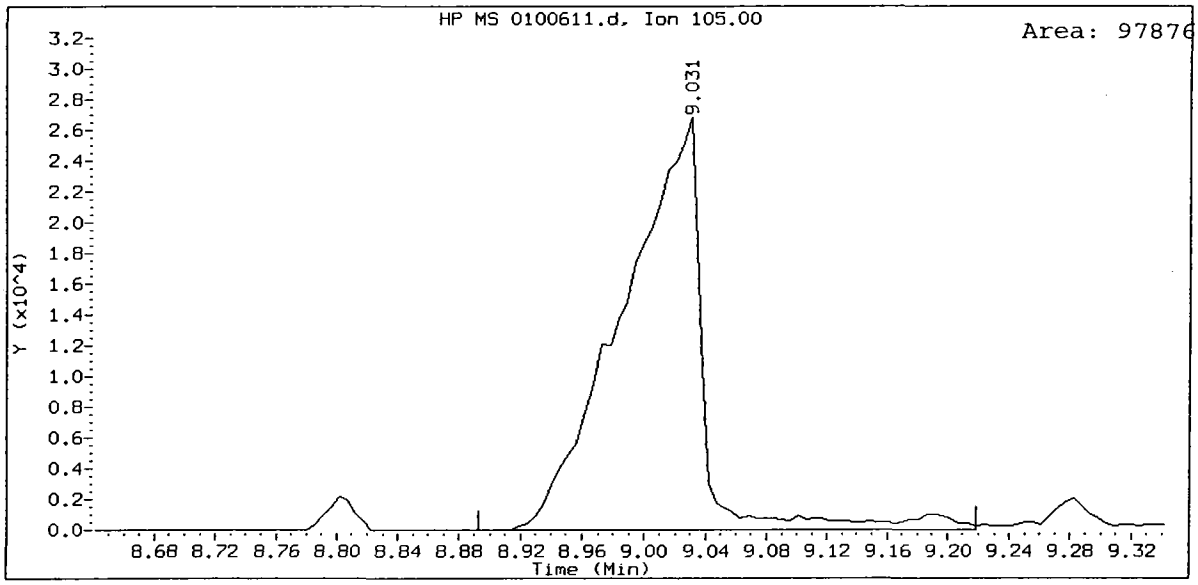
ABN 10, /chem1/nt6.i/20090611.b/0100611.d
2-Methylphenol Amount: 10.70

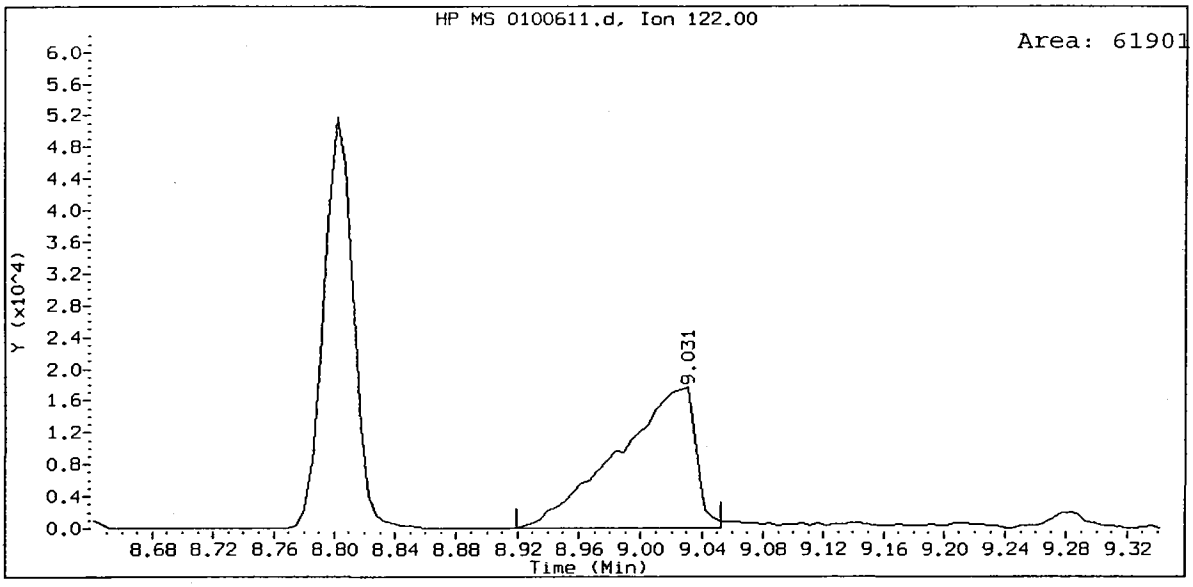


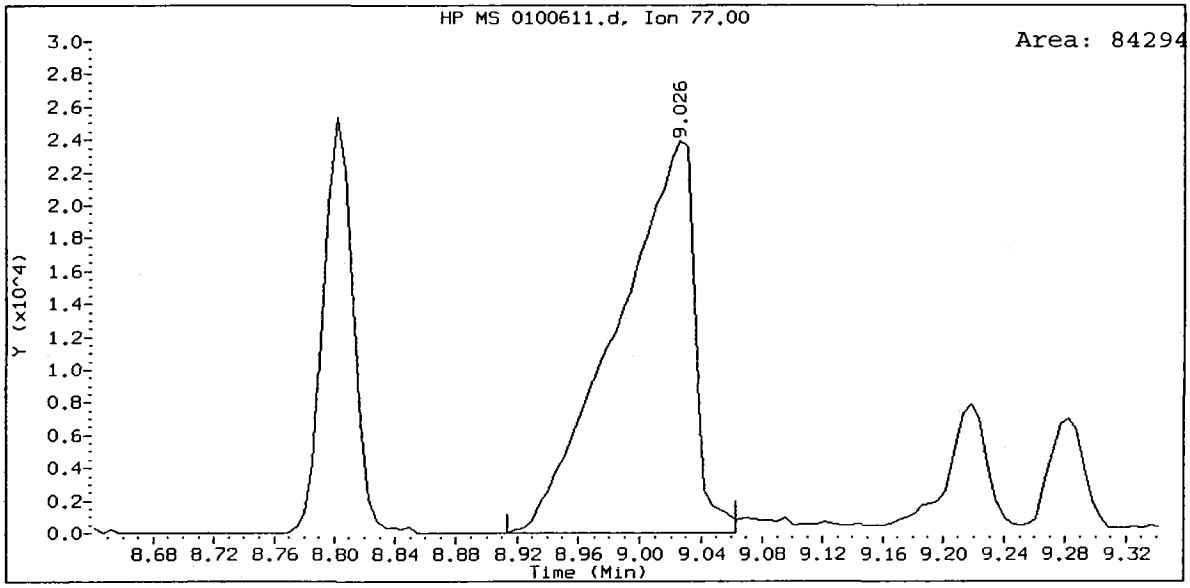




ABN 10, /chem1/nt6.i/20090611.b/0100611.d
Benzoic acid Amount: 19.16







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0250611.d
Lab Smp Id: ABN 25
Inj Date : 11-JUN-2009 10:27
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 6/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.105	5.103	(0.687)	230657	25.0000	24.89(M)
$	2 Phenol-d5	99	6.788	6.780	(0.913)	315441	25.0000	25.35
	3 Phenol	94	6.809	6.796	(0.916)	335041	25.0000	24.93
$	5 2-Chlorophenol-d4	132	6.836	6.833	(0.920)	187866	25.0000	24.78
	4 Bis(2-Chloroethyl)ether	93	6.836	6.828	(0.920)	251860	25.0000	24.83
	6 2-Chlorophenol	128	6.863	6.855	(0.923)	209087	25.0000	24.63
	7 1,3-Dichlorobenzene	146	7.065	7.063	(0.950)	227028	25.0000	24.57(H)
*	8 1,4-Dichlorobenzene-d4	152	7.135	7.127	(1.000)	112389	20.0000	(H)
	9 1,4-Dichlorobenzene	146	7.156	7.154	(0.963)	229732	25.0000	24.82(H)
$	10 1,2-Dichlorobenzene-d4	152	7.434	7.426	(1.000)	138749	25.0000	24.79
	12 1,2-Dichlorobenzene	146	7.450	7.448	(1.002)	219866	25.0000	24.20
	11 Benzyl alcohol	108	7.461	7.453	(1.046)	162860	25.0000	25.89(MH)
	14 2,2'-oxybis(1-Chloropropane)	45	7.722	7.720	(1.039)	315832	25.0000	25.13
	13 2-Methylphenol	108	7.738	7.731	(1.041)	222835	25.0000	25.32(H)
	17 Hexachloroethane	117	7.941	7.939	(1.068)	106520	25.0000	24.90
	16 N-Nitroso-di-n-propylamine	70	7.947	7.934	(1.069)	209303	25.0000	25.09
	15 4-Methylphenol	108	7.979	7.971	(1.073)	227201	25.0000	25.26
$	18 Nitrobenzene-d5	82	8.086	8.078	(0.871)	284248	25.0000	24.07
	19 Nitrobenzene	77	8.118	8.104	(0.874)	292578	25.0000	23.87
	20 Isophorone	82	8.513	8.500	(0.917)	497564	25.0000	24.27
	21 2-Nitrophenol	139	8.636	8.633	(0.930)	110806	25.0000	24.82
	22 2,4-Dimethylphenol	107	8.807	8.799	(0.948)	241217	25.0000	24.68
	23 Bis(2-Chloroethoxy)methane	93	8.935	8.927	(0.962)	281343	25.0000	24.91
	24 Benzoic acid	105	9.111	8.991	(0.981)	307295	50.0000	50.31(M)
	25 2,4-Dichlorophenol	162	9.042	9.034	(0.974)	169609	25.0000	26.65
	26 1,2,4-Trichlorobenzene	180	9.143	9.141	(0.984)	189040	25.0000	24.46
*	27 Naphthalene-d8	136	9.191	9.189	(1.000)	384492	20.0000	(H)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.223	9.215	(0.993)	552453	25.0000	24.17
	29 4-Chloroaniline	127	9.400	9.392	(1.012)	247922	25.0000	25.16
	30 Hexachlorobutadiene	225	9.560	9.557	(1.029)	107002	25.0000	24.75
	31 4-Chloro-3-methylphenol	107	10.254	10.252	(1.104)	204195	25.0000	25.34
	32 2-Methylnaphthalene	141	10.345	10.342	(1.114)	307932	25.0000	24.73(H)
	33 Hexachlorocyclopentadiene	237	10.729	10.732	(0.892)	88728	25.0000	21.49
	34 2,4,6-Trichlorophenol	196	10.884	10.876	(0.905)	112457	25.0000	24.23
	35 2,4,5-Trichlorophenol	196	10.943	10.941	(0.909)	117286	25.0000	24.66
$	36 2-Fluorobiphenyl	172	11.007	10.999	(0.915)	395522	25.0000	24.48
	37 2-Chloronaphthalene	162	11.114	11.111	(0.924)	357664	25.0000	24.71
	38 2-Nitroaniline	65	11.370	11.363	(0.945)	154285	25.0000	25.62
	39 Dimethylphthalate	163	11.766	11.758	(0.978)	383403	25.0000	24.17
	40 Acenaphthylene	152	11.782	11.779	(0.979)	542154	25.0000	25.08
	41 2,6-Dinitrotoluene	165	11.846	11.843	(0.984)	85115	25.0000	24.68
*	42 Acenaphthene-d10	164	12.033	12.030	(1.000)	217478	20.0000	
	43 3-Nitroaniline	138	12.049	12.035	(1.001)	96260	25.0000	24.44
	44 Acenaphthene	153	12.086	12.078	(1.004)	324704	25.0000	23.80
	45 2,4-Dinitrophenol	184	12.220	12.212	(1.016)	71172	50.0000	44.54
	46 Dibenzofuran	168	12.348	12.340	(1.026)	479874	25.0000	24.35
	47 4-Nitrophenol	109	12.423	12.409	(1.032)	63149	25.0000	25.15
	48 2,4-Dinitrotoluene	165	12.465	12.457	(1.036)	109344	25.0000	24.44
	50 Diethylphthalate	149	12.919	12.911	(1.074)	353718	25.0000	24.49
	49 Fluorene	166	12.898	12.890	(1.072)	391835	25.0000	24.30
	51 4-Chlorophenyl-phenylether	204	12.946	12.943	(1.076)	186098	25.0000	23.39
	52 4-Nitroaniline	138	13.037	13.018	(1.083)	82794	25.0000	23.66
	53 4,6-Dinitro-2-methylphenol	198	13.117	13.104	(0.912)	131848	50.0000	52.02
	54 N-Nitrosodiphenylamine	169	13.160	13.152	(0.915)	260878	25.0000	24.84
$	55 2,4,6-Tribromophenol	330	13.325	13.317	(1.107)	49050	25.0000	23.65
	56 4-Bromophenyl-phenylether	248	13.715	13.713	(0.954)	110160	25.0000	25.73
	57 Hexachlorobenzene	284	13.913	13.910	(0.967)	109844	25.0000	25.14
	58 Pentachlorophenol	266	14.228	14.220	(0.989)	51132	25.0000	25.63
*	59 Phenanthrene-d10	188	14.383	14.375	(1.000)	336594	20.0000	
	60 Phenanthrene	178	14.415	14.412	(1.002)	528524	25.0000	24.74
	61 Anthracene	178	14.490	14.482	(1.007)	536064	25.0000	24.75
	62 Carbazole	167	14.794	14.786	(1.029)	450059	25.0000	25.29
	63 Di-n-butylphthalate	149	15.558	15.550	(1.082)	554982	25.0000	26.06
	64 Fluoranthene	202	16.332	16.330	(1.136)	550436	25.0000	25.24
	65 Pyrene	202	16.674	16.672	(0.894)	545974	25.0000	26.66
$	66 Terphenyl-d14	244	17.032	17.029	(0.913)	340025	25.0000	25.76
	67 Butylbenzylphthalate	149	17.940	17.937	(0.962)	220774	25.0000	26.70
	68 Benzo(a)anthracene	228	18.629	18.621	(0.999)	472264	25.0000	25.89
*	69 Chrysene-d12	240	18.656	18.648	(1.000)	247160	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.672	18.664	(1.001)	157181	25.0000	23.50
	71 Chrysene	228	18.693	18.680	(1.002)	446340	25.0000	25.55
	72 bis(2-Ethylhexyl)phthalate	149	18.960	18.958	(0.953)	284294	25.0000	26.41
*	134 Di-n-octylphthalate-d4	153	19.889	19.887	(1.000)	347036	20.0000	
	73 Di-n-octylphthalate	149	19.895	19.898	(1.000)	466898	25.0000	24.96

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	74 Benzo(b)fluoranthene	252	20.269	20.261	(0.975)	435409	25.0000	25.79
	75 Benzo(k)fluoranthene	252	20.301	20.293	(0.977)	409316	25.0000	23.61
	76 Benzo(a)pyrene	252	20.701	20.693	(0.996)	377567	25.0000	24.71
*	77 Perylene-d12	264	20.781	20.779	(1.000)	232938	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.133	22.119	(1.065)	510150	25.0000	25.04
	79 Dibenzo(a,h)anthracene	278	22.159	22.151	(1.066)	379482	25.0000	24.54
	80 Benzo(g,h,i)perylene	276	22.432	22.419	(1.079)	449475	25.0000	25.25
	90 N-Nitrosodimethylamine	74	2.205	2.197	(0.297)	180132	25.0000	25.30
	103 Pyridine	79	2.184	2.192	(0.294)	310161	25.0000	25.39
	91 Aniline	93	6.692	6.684	(0.900)	426059	25.0000	25.00(H)
	105 1-methylnaphthalene	141	10.510	10.508	(1.132)	291451	25.0000	24.44
	93 Benzidine	184	16.615	16.613	(0.891)	234226	25.0000	24.96
	111 Azobenzene (1,2-DP-Hydrazine)	77	13.192	13.189	(1.096)	573866	25.0000	24.83
	143 1,4-Dioxane	88	1.746	1.749	(0.235)	121972	25.0000	25.42
$	137 d8-1,4-Dioxane	96	1.714	1.717	(0.231)	135526	25.0000	26.50
	144 alpha-Terpineol	59	9.287	9.279	(1.000)	171742	25.0000	24.83
	98 Retene	219	17.262	17.259	(0.925)	173721	25.0000	26.06
	133 Butylatedhydroxytoluene	205	12.257	12.260	(1.019)	307896	25.0000	24.55
	115 Tributyl Phosphate	99	13.315	13.301	(0.926)	519669	25.0000	25.82
	116 Dibutyl Phenyl Phosphate	175	15.008	15.000	(1.043)	272285	25.0000	26.02
	117 Butyl Diphenyl Phosphate	94	16.663	16.661	(0.893)	118903	25.0000	27.53
	118 Triphenyl Phosphate	326	18.244	18.231	(0.978)	69834	25.0000	25.21
	123 Acetophenone	105	7.861	7.853	(1.057)	302203	25.0000	24.58
	179 n-Decane	57	7.012	7.010	(0.943)	255008	25.0000	24.42
	180 n-Octadecane	57	14.399	14.396	(1.001)	275048	25.0000	25.35
	168 Pentachlorobenzene	250	12.391	12.388	(1.030)	136487	25.0000	23.65
	113 Diphenyl Oxide	170	11.328	11.325	(0.941)	242664	25.0000	24.69
	112 Biphenyl	154	11.130	11.127	(0.925)	482734	25.0000	24.72

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0250611.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	112389	0.00
27 Naphthalene-d8	384492	192246	768984	384492	0.00
42 Acenaphthene-d10	217478	108739	434956	217478	0.00
59 Phenanthrene-d10	336594	168297	673188	336594	0.00
69 Chrysene-d12	247160	123580	494320	247160	0.00
134 Di-n-octylphthala	347036	173518	694072	347036	0.00
77 Perylene-d12	232938	116469	465876	232938	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	0.00
27 Naphthalene-d8	9.19	8.69	9.69	9.19	0.00
42 Acenaphthene-d10	12.03	11.53	12.53	12.03	0.00
59 Phenanthrene-d10	14.38	13.88	14.88	14.38	0.00
69 Chrysene-d12	18.66	18.16	19.16	18.66	0.00
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	0.00
77 Perylene-d12	20.78	20.28	21.28	20.78	0.00

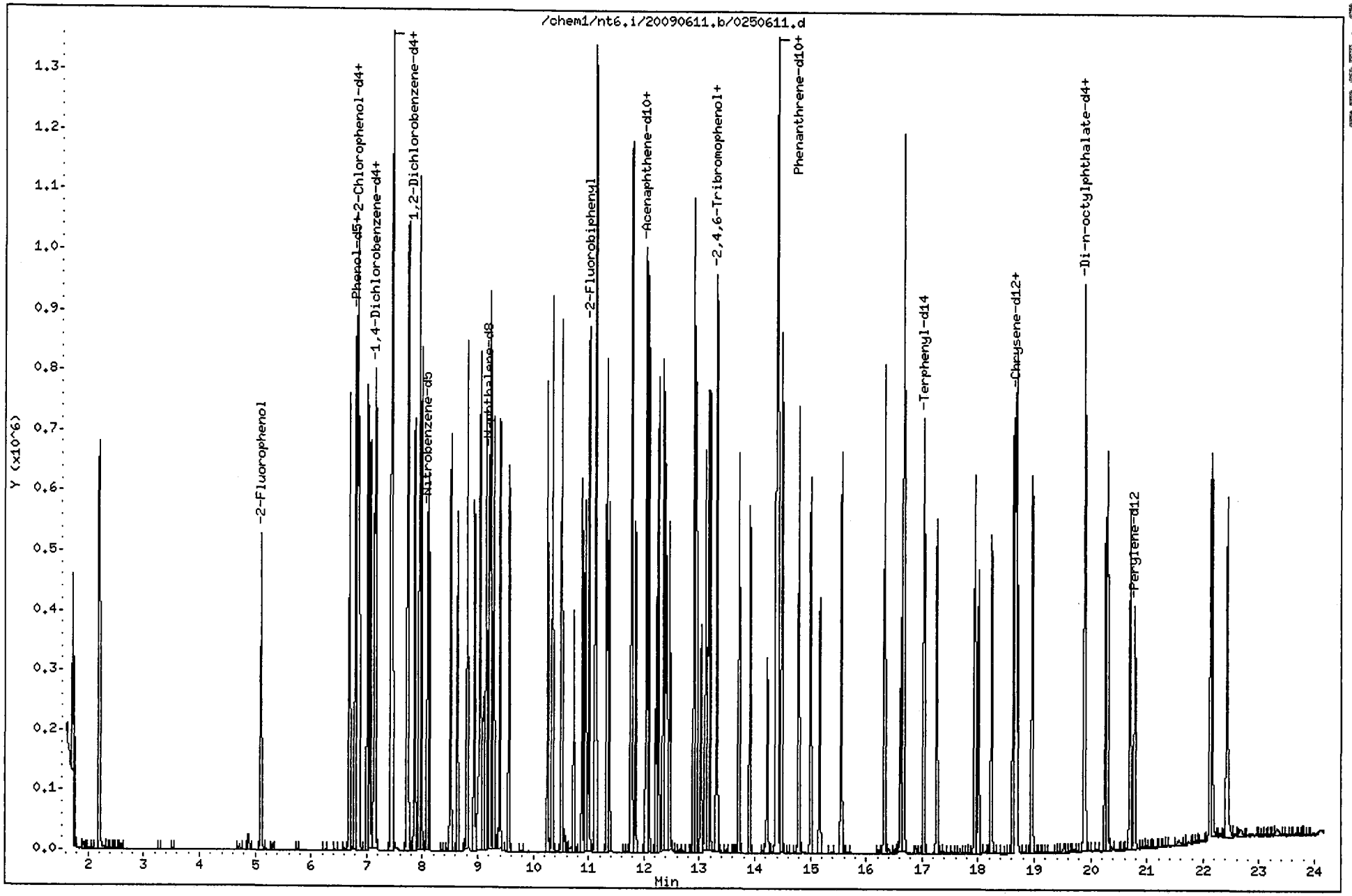
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611.b/0250611.d
Date : 11-JUN-2009 10:27
Client ID:
Sample Info: ABN 25

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32

Column phase: ZB-5



PB35:66376

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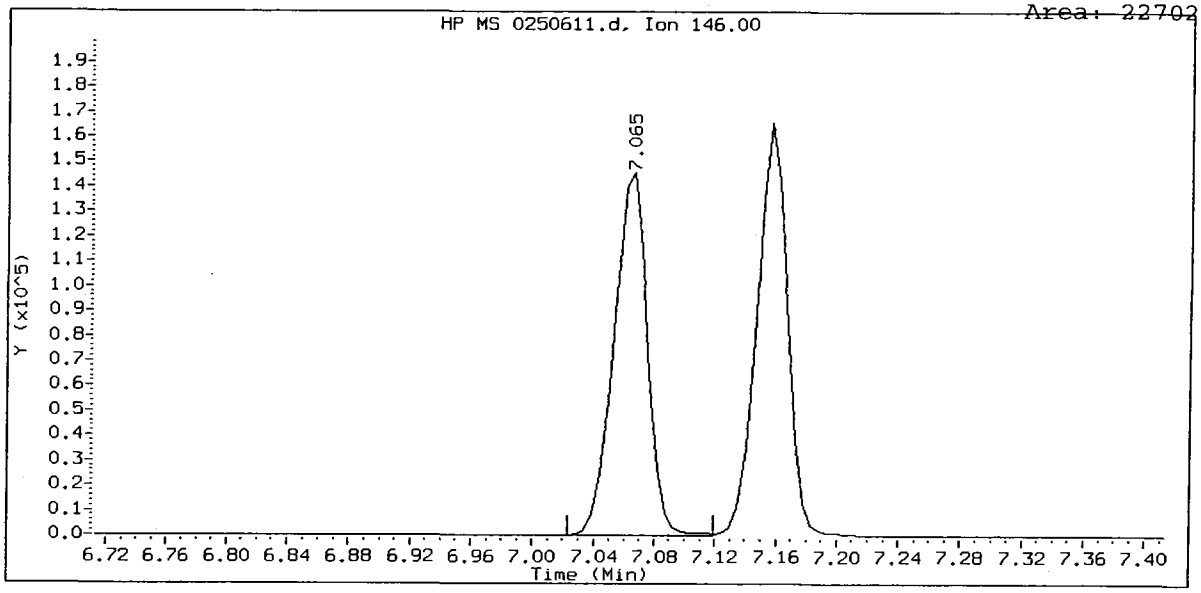
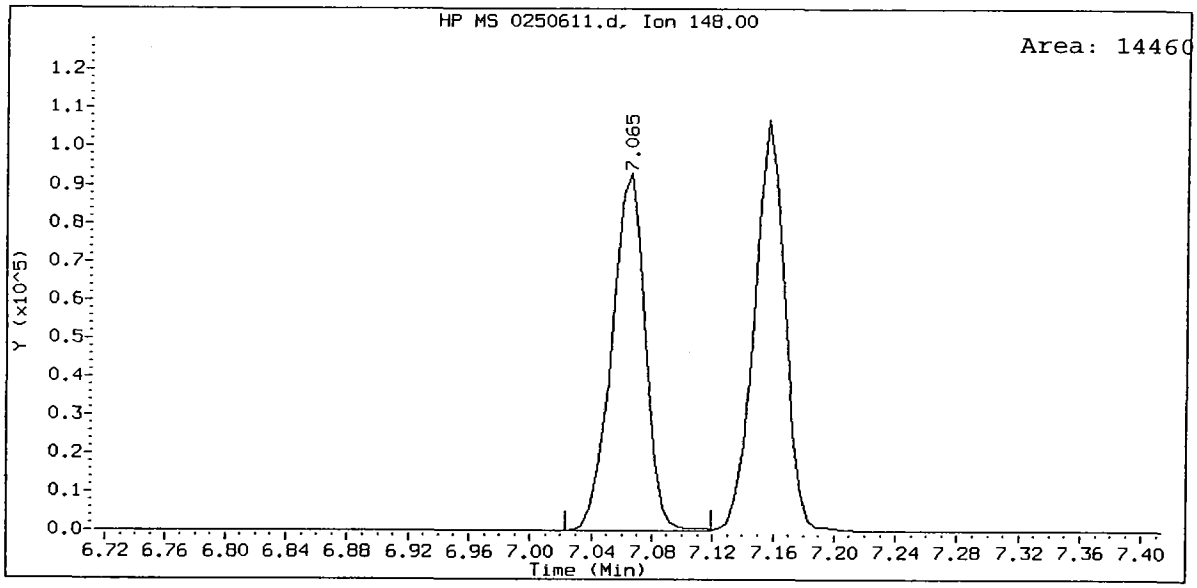
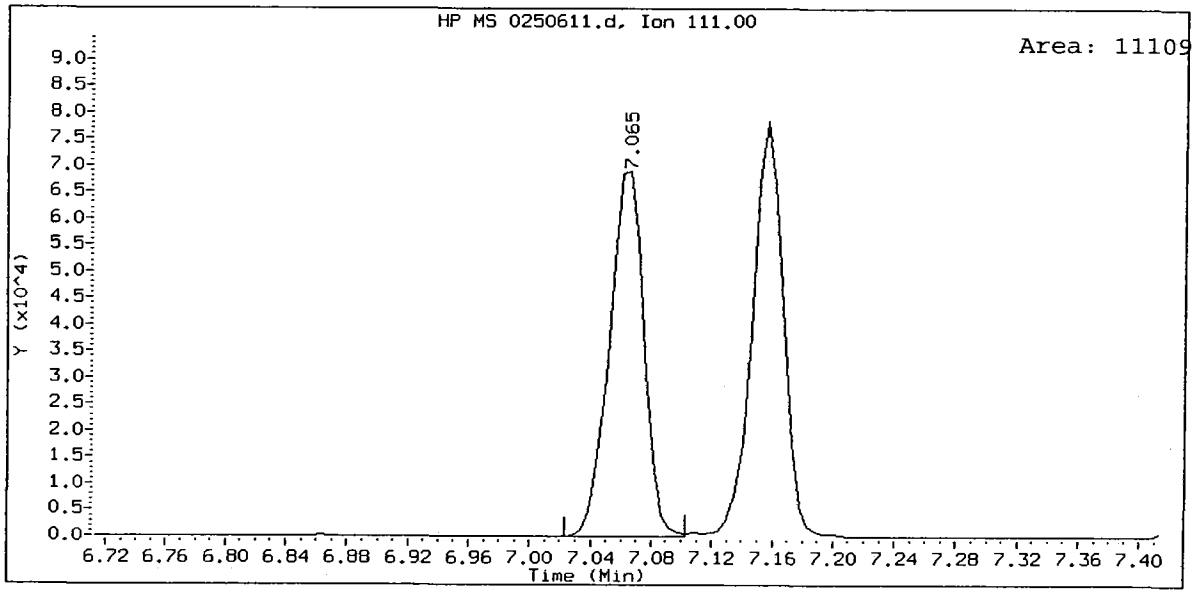
1,3-Dichlorobenzene Amount: 24.57







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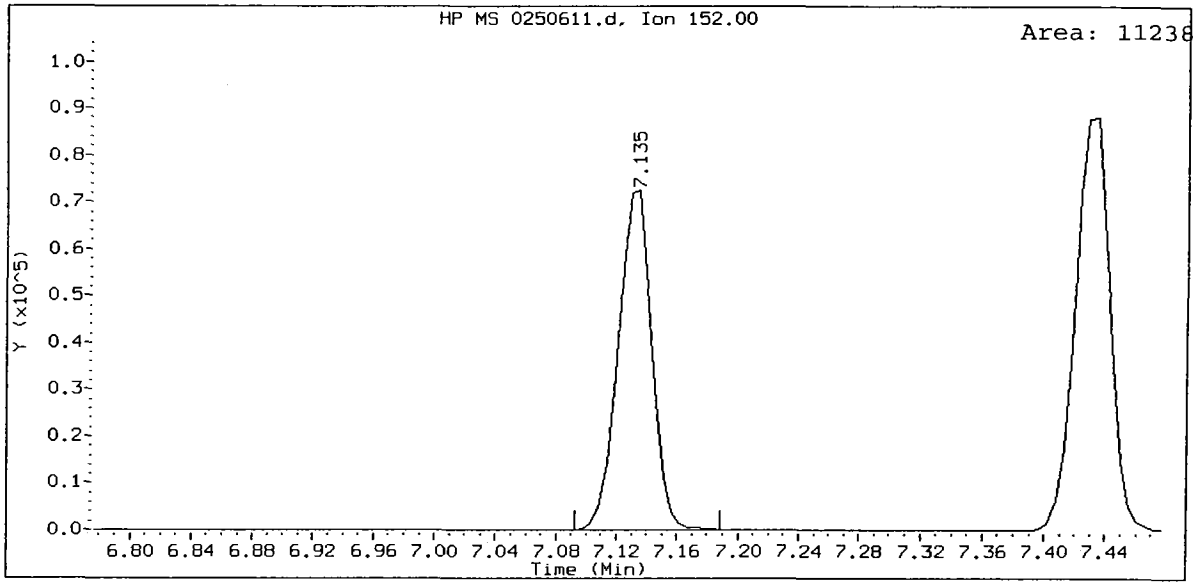
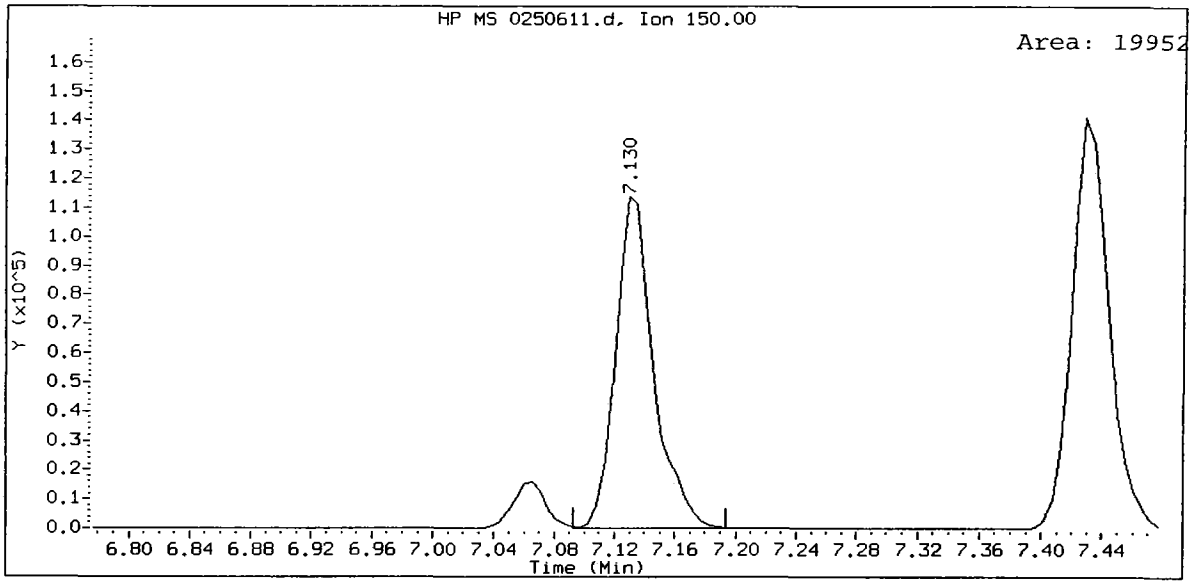
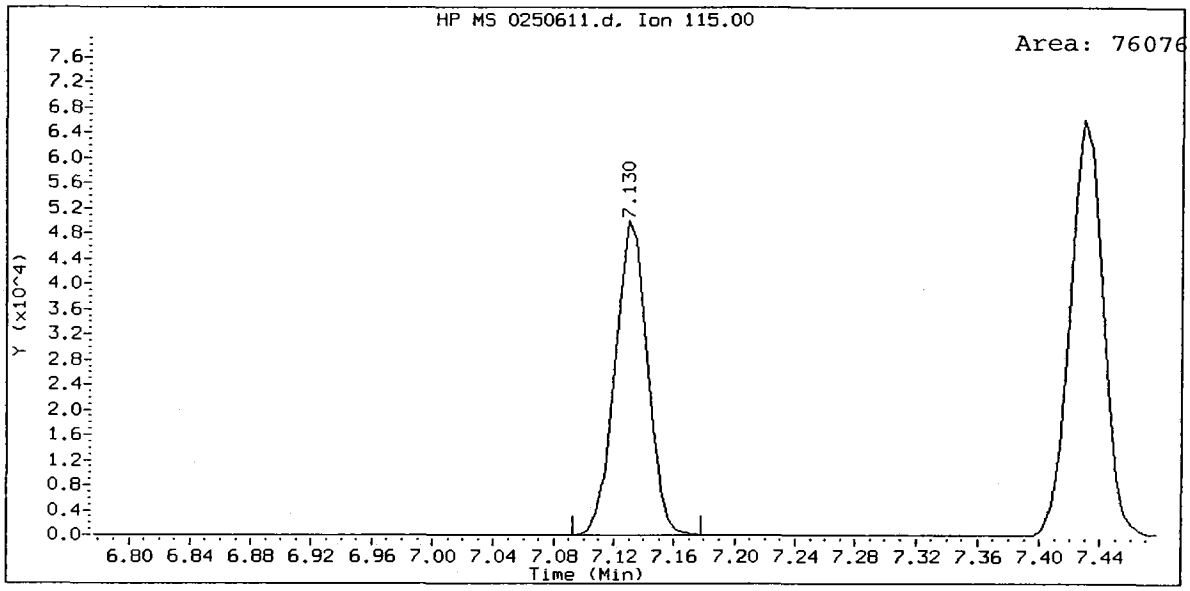
1,4-Dichlorobenzene-d4 Amount: 20.00







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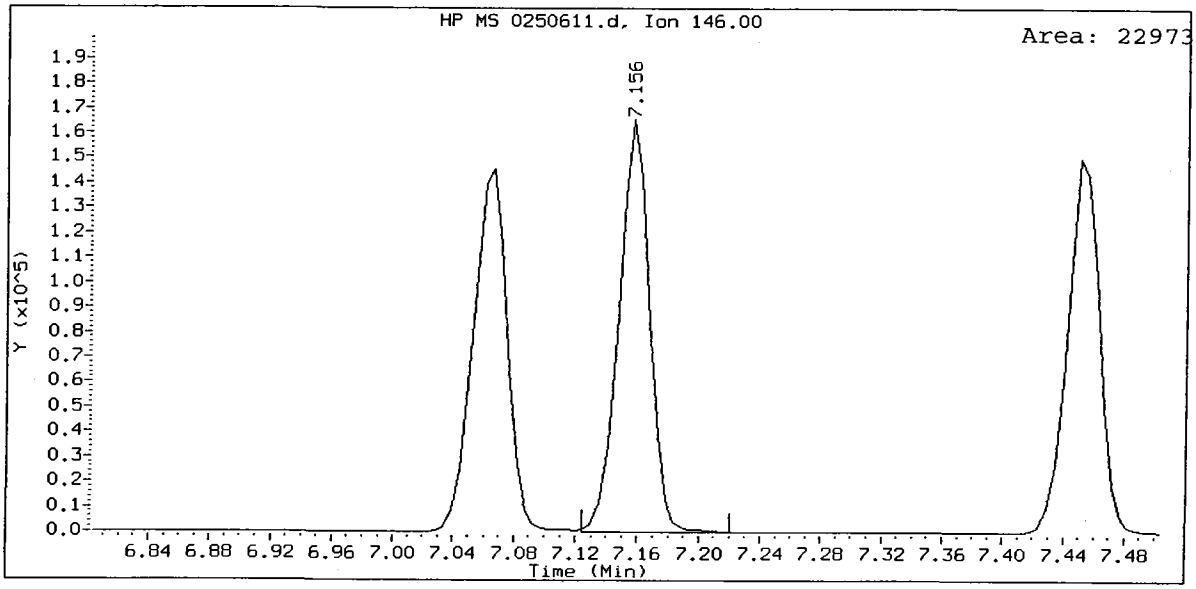
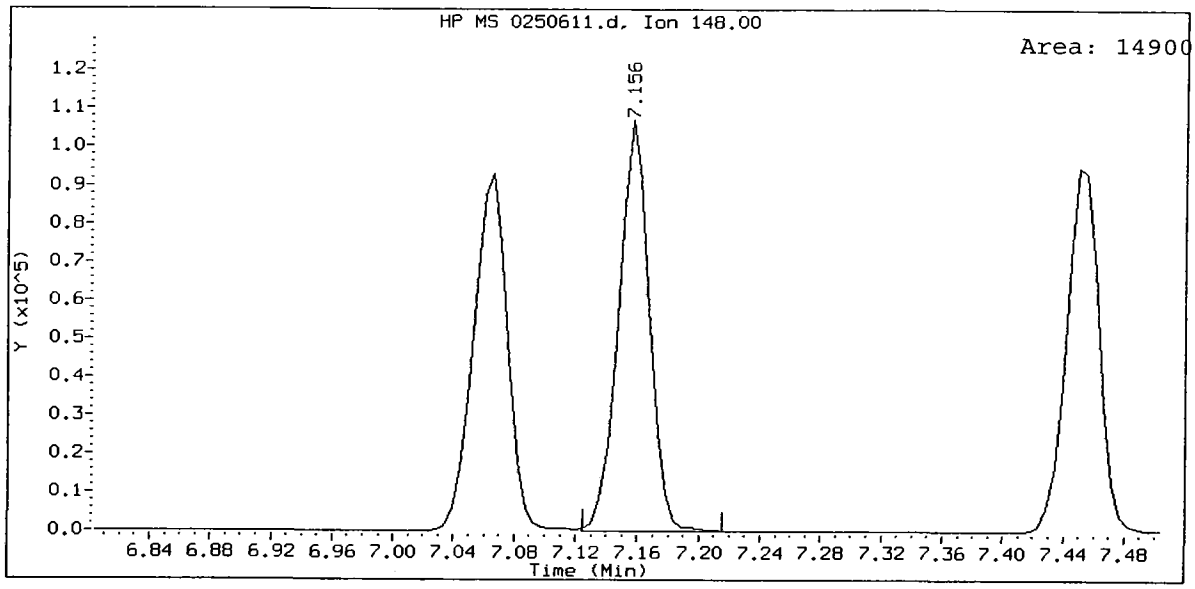
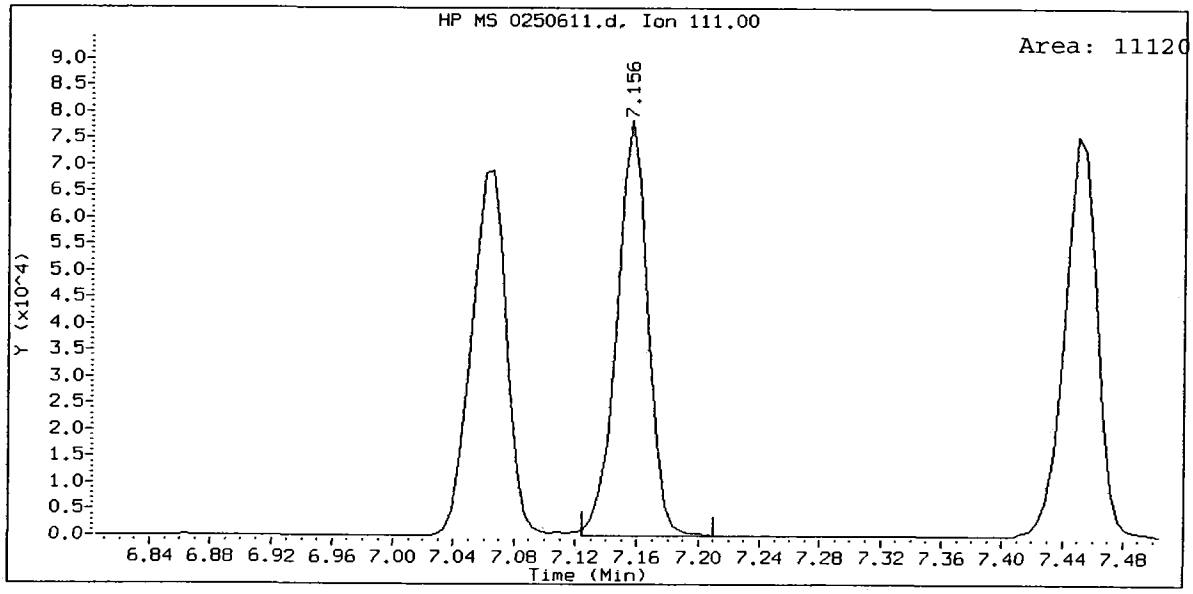
1,4-Dichlorobenzene Amount: 24.82







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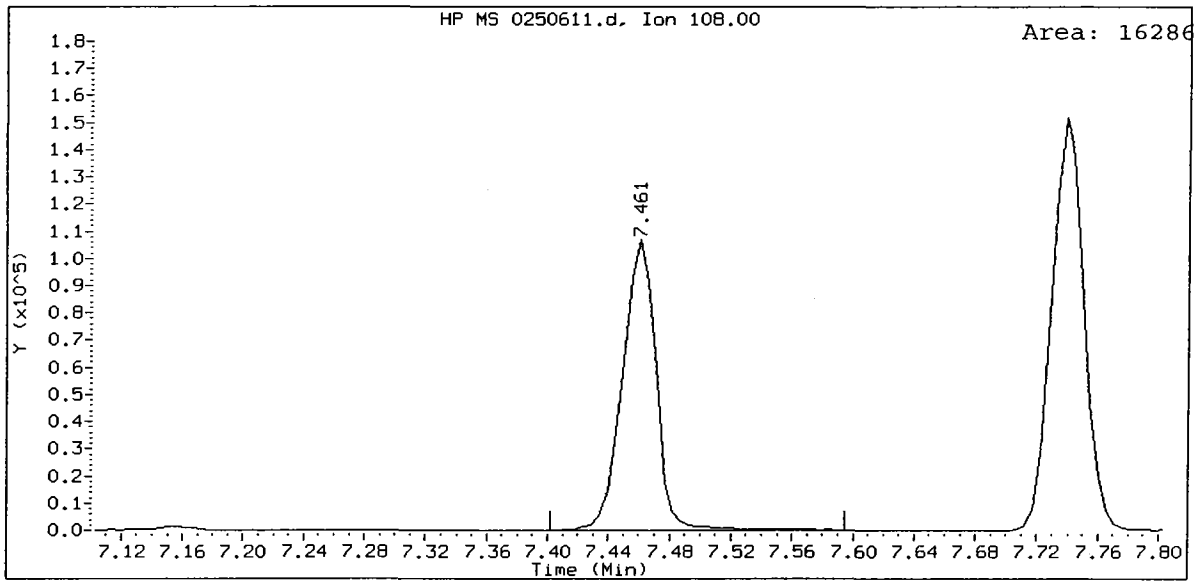
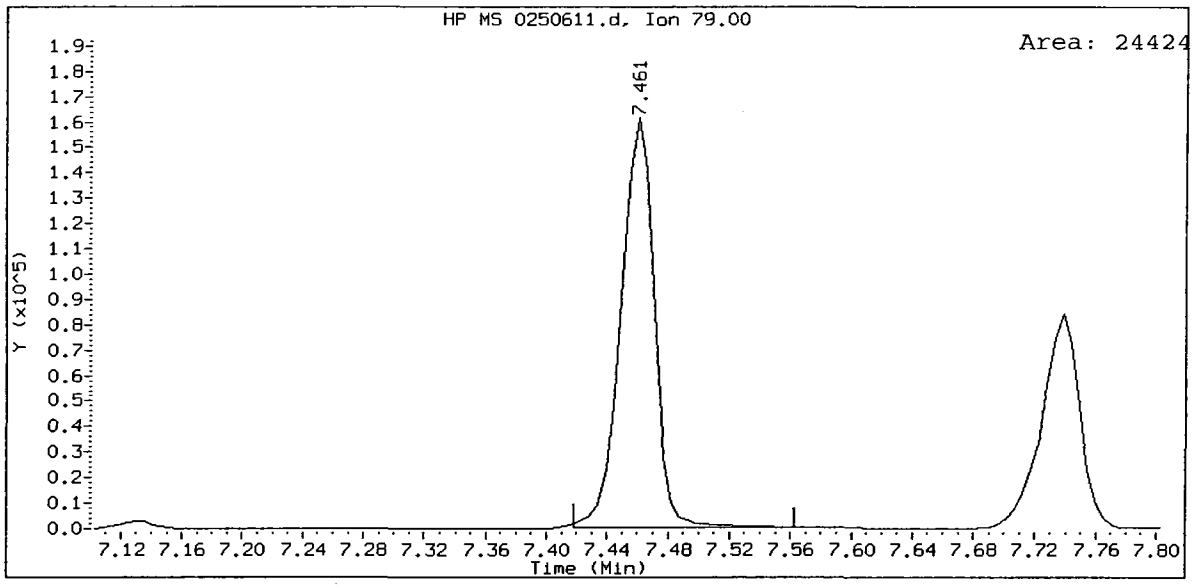
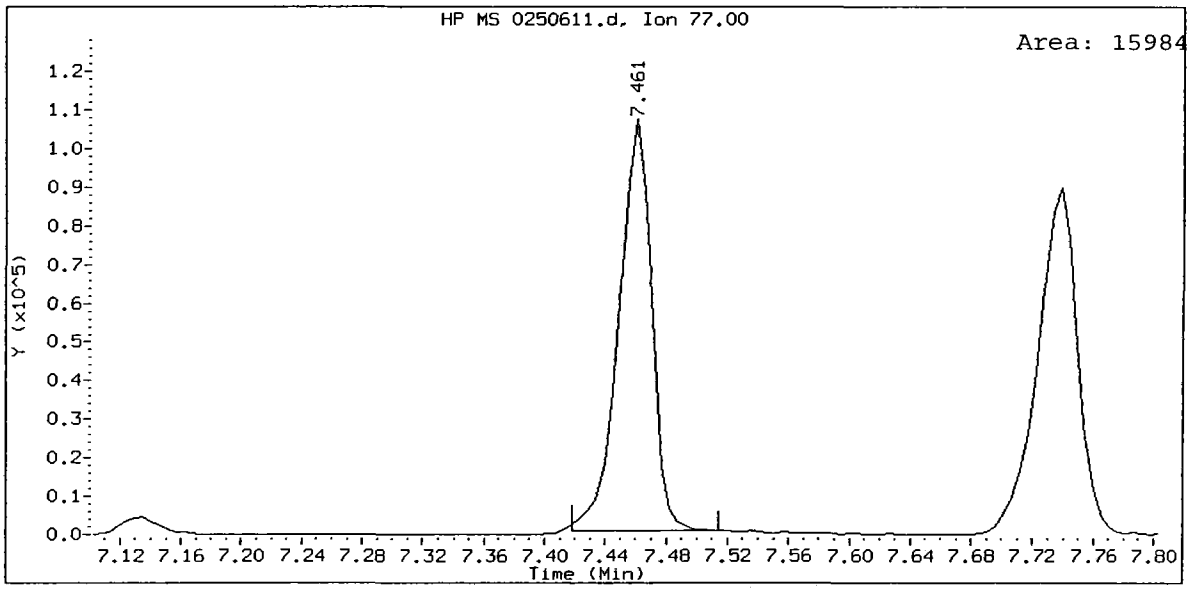
Benzyl alcohol Amount: 25.89







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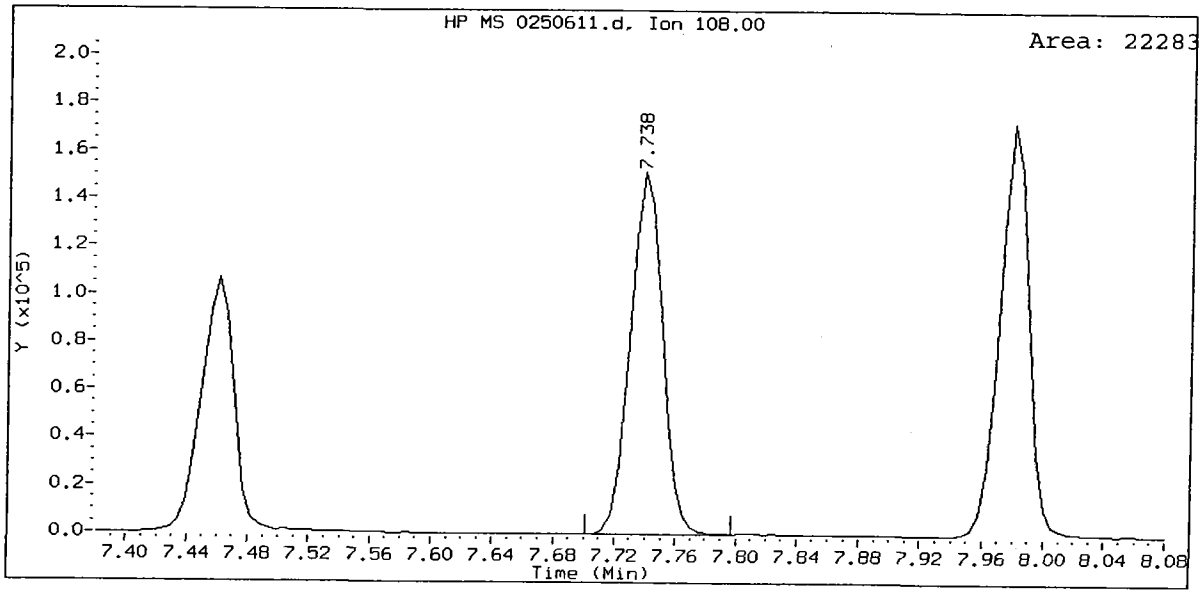
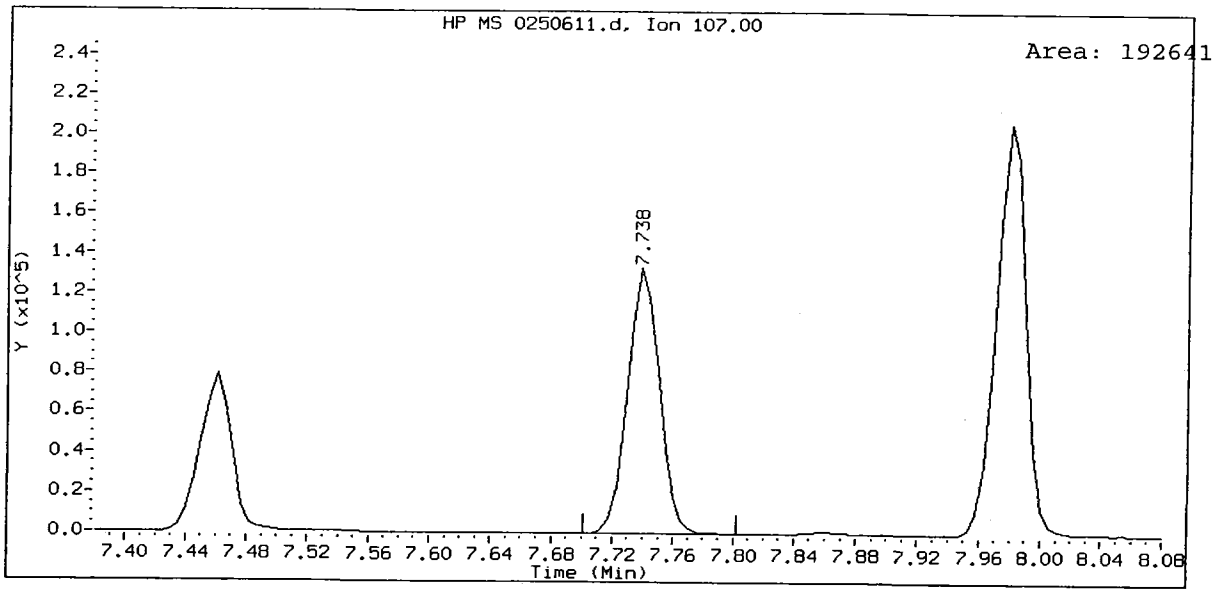
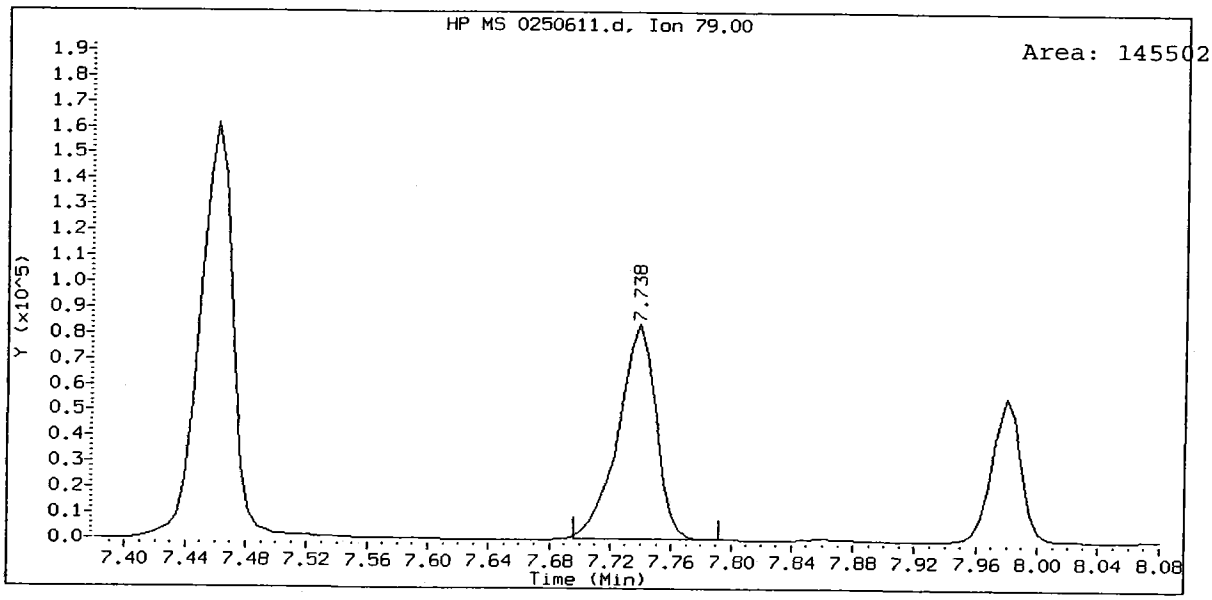
2-Methylphenol Amount: 25.32







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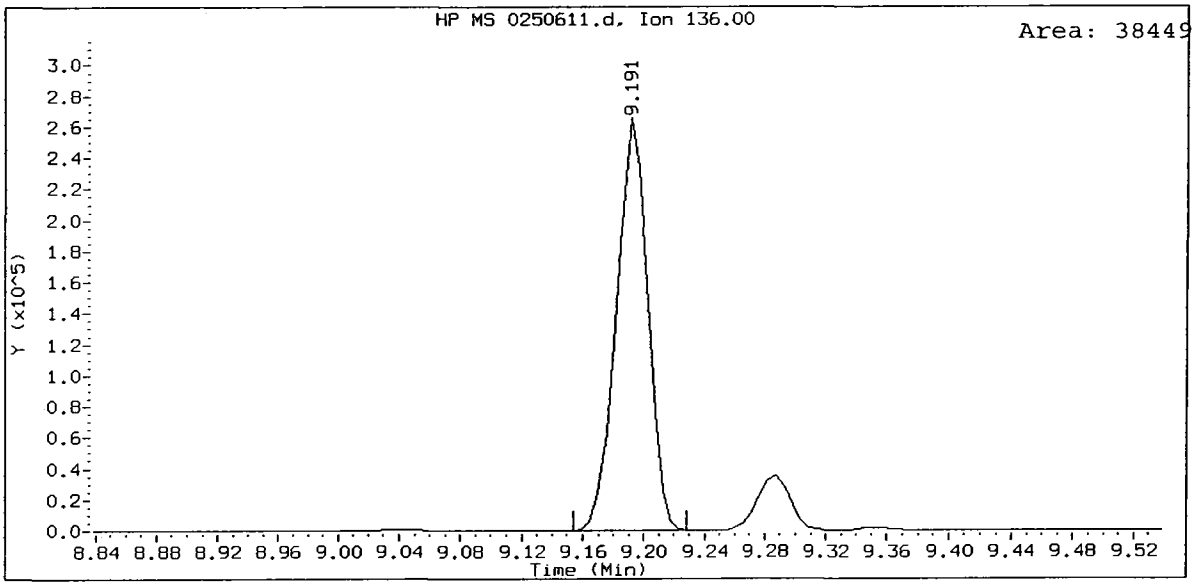
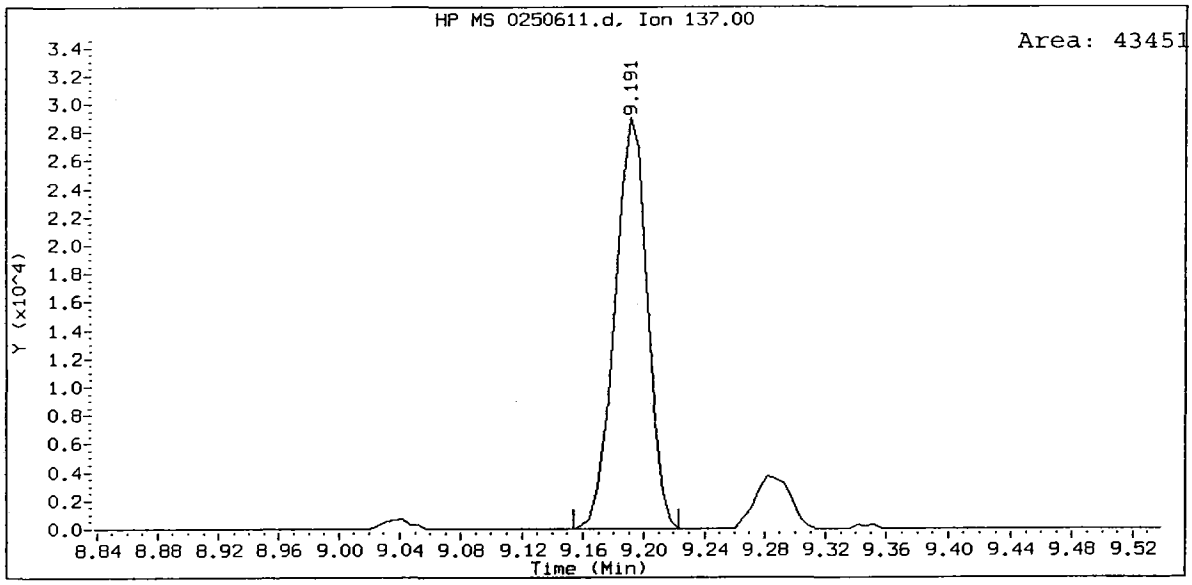
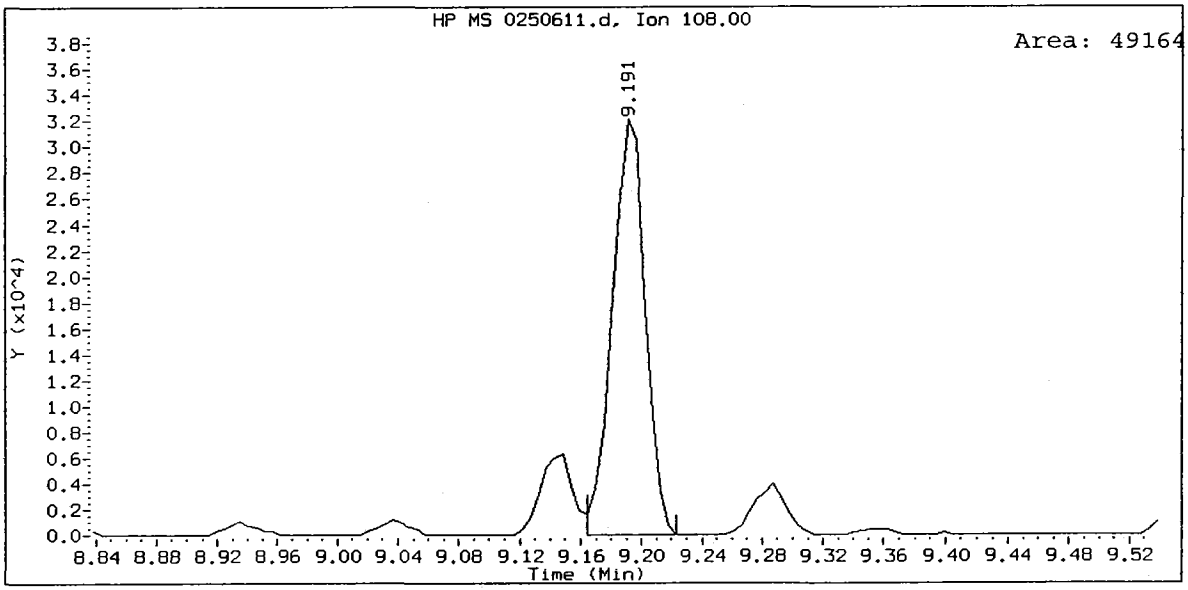
Naphthalene-d8 Amount: 20.00







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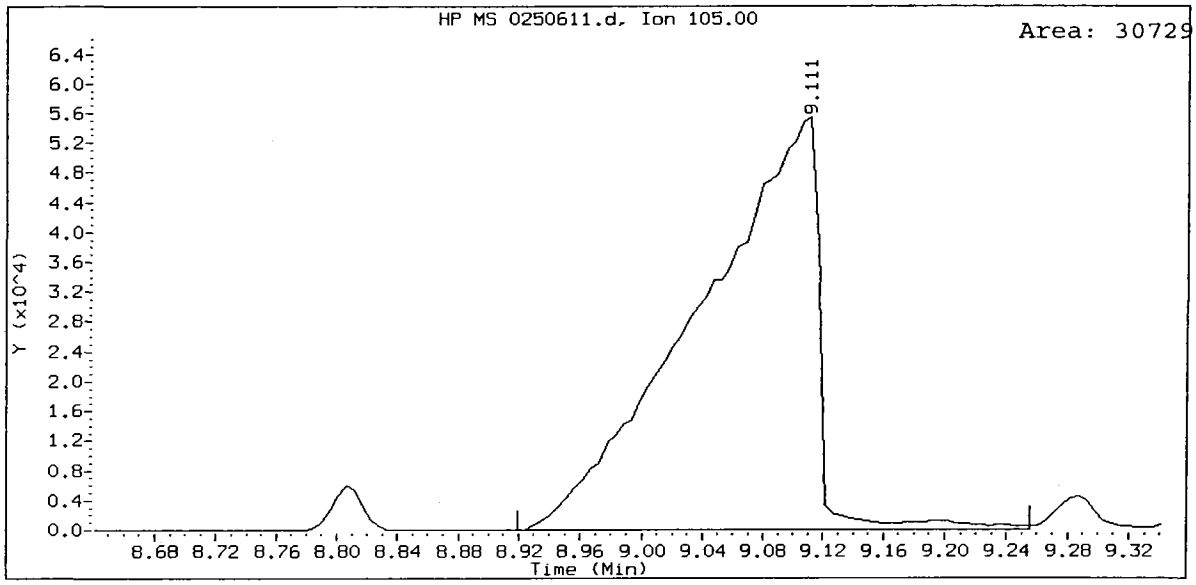
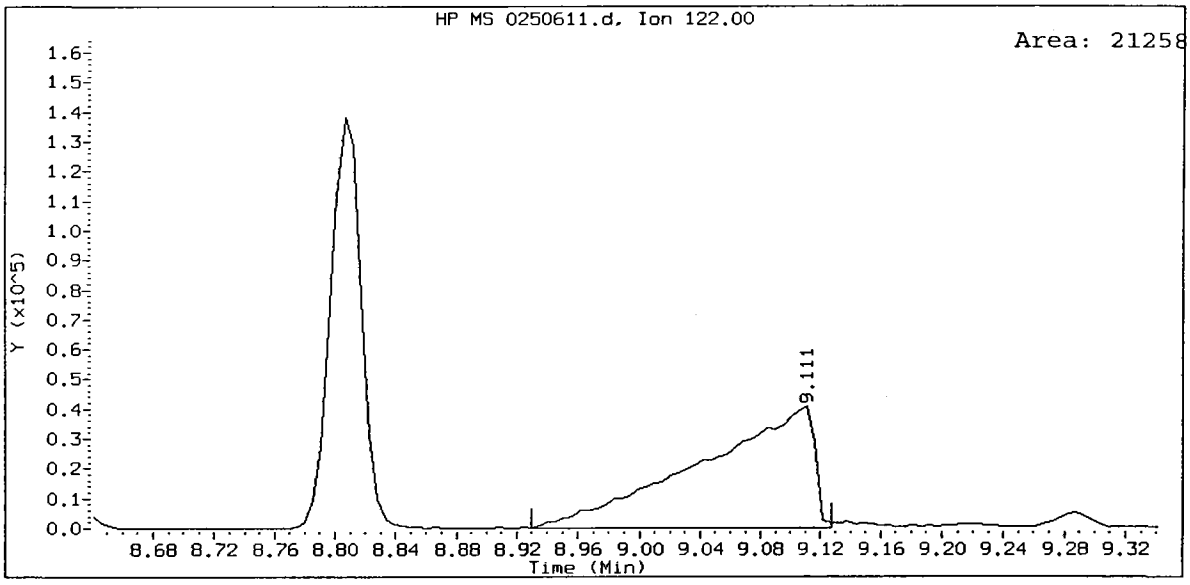
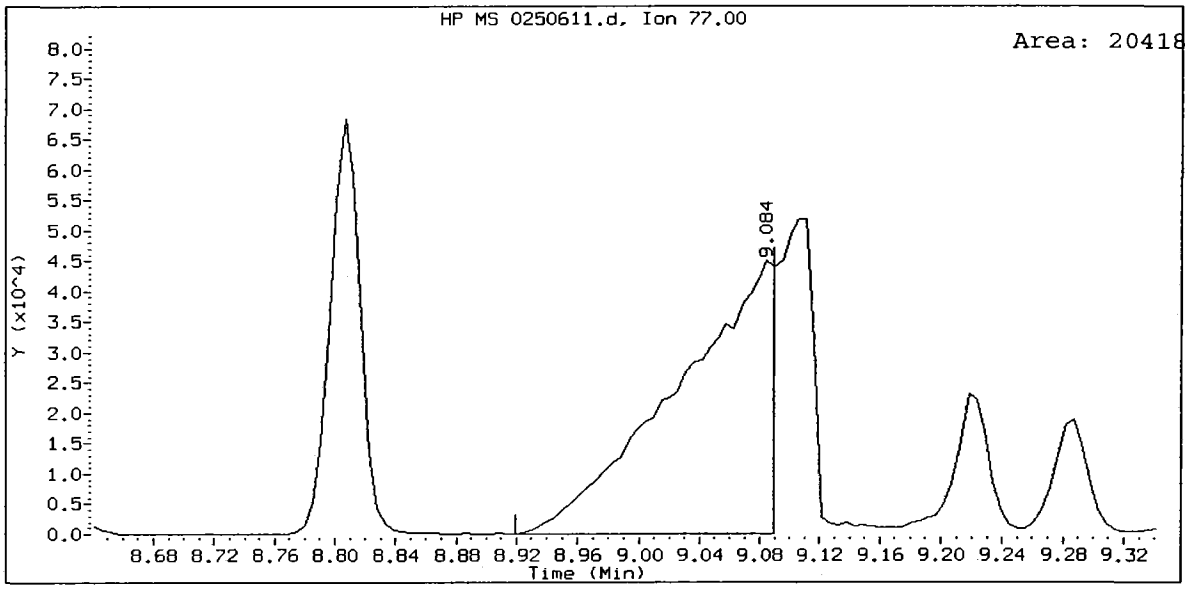
Benzoic acid Amount: 50.31







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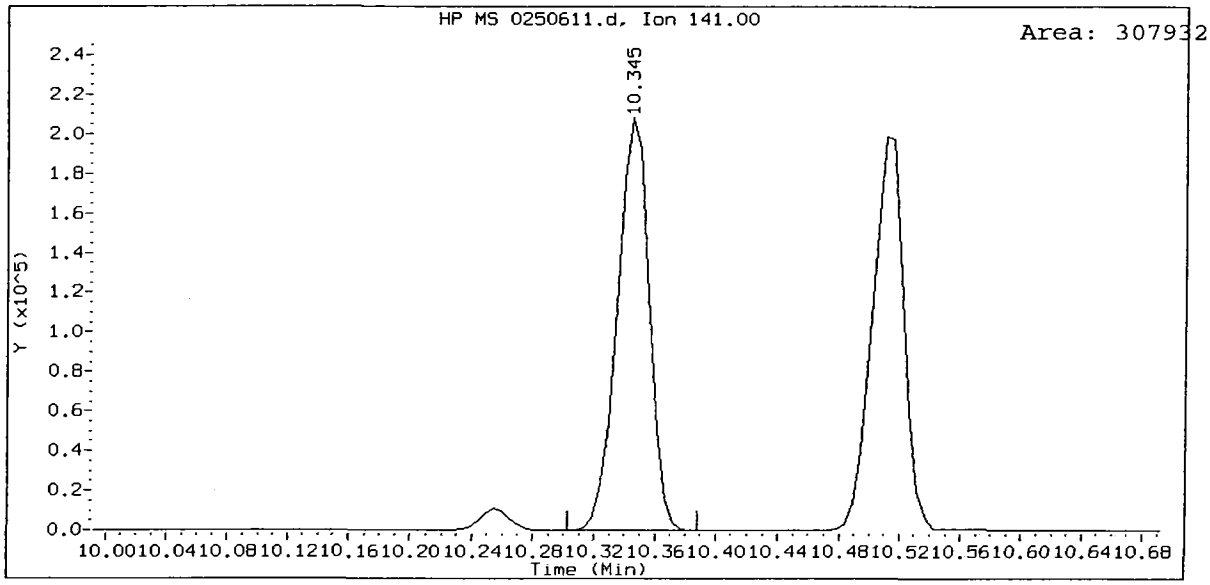
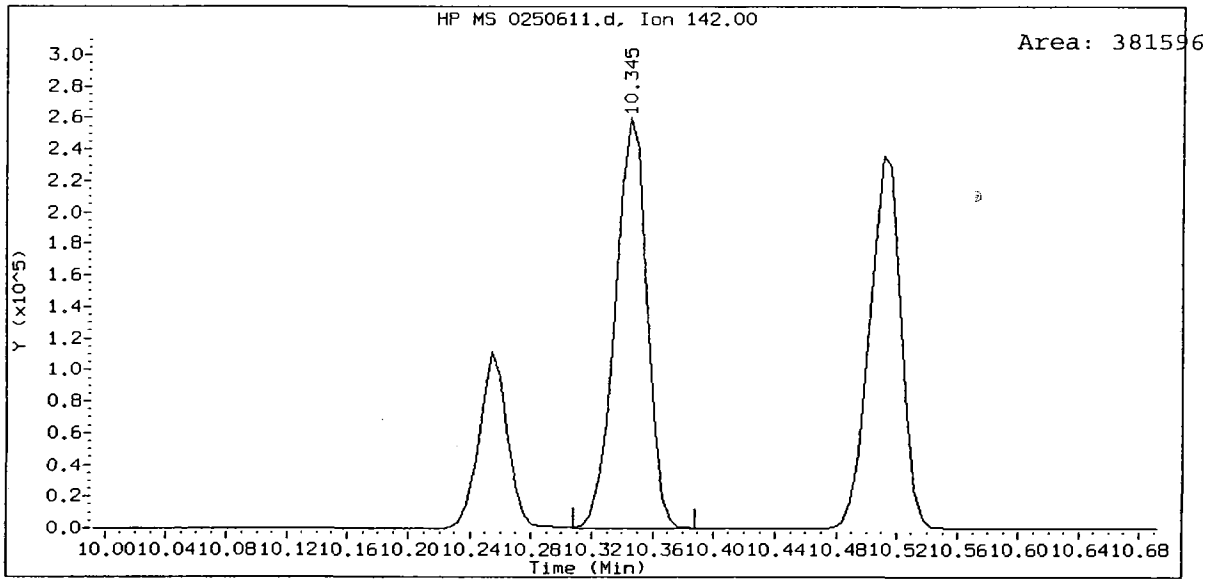
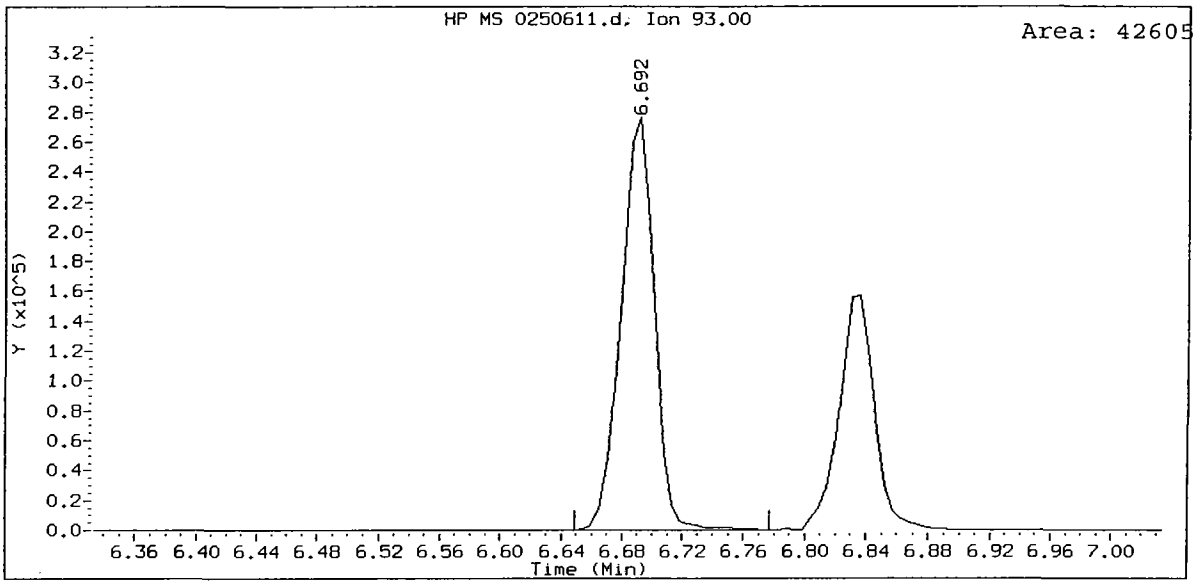
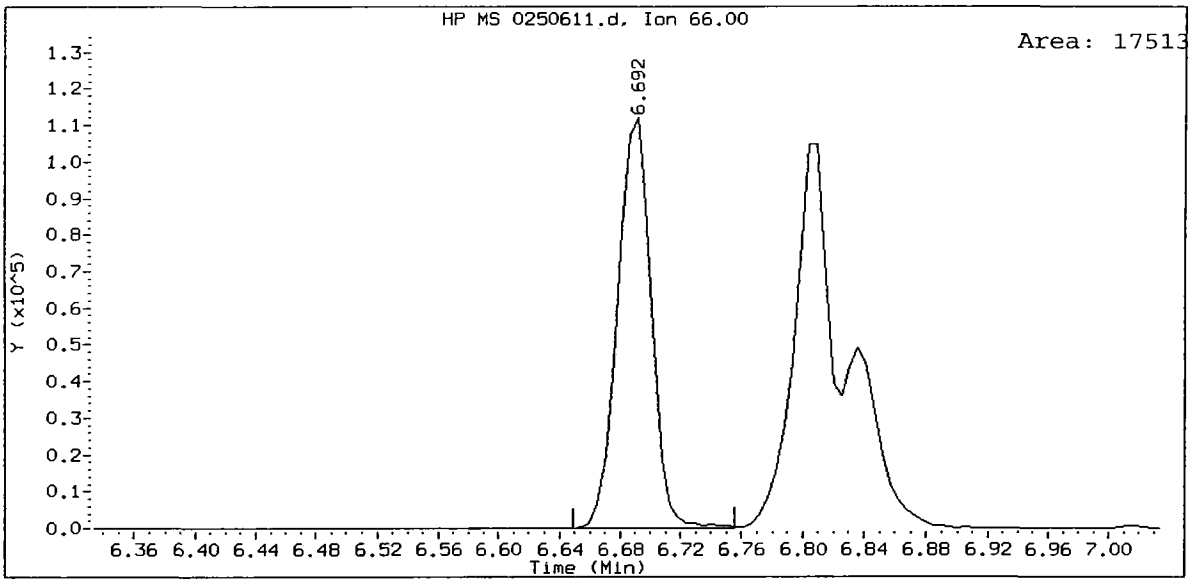
2-Methylnaphthalene Amount: 24.73

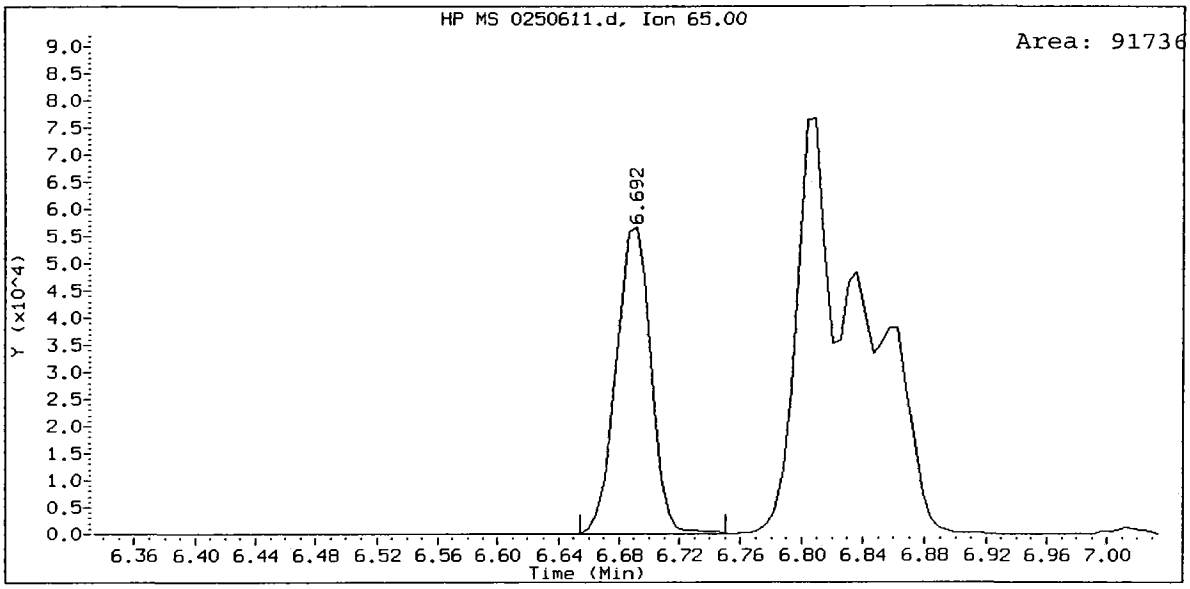




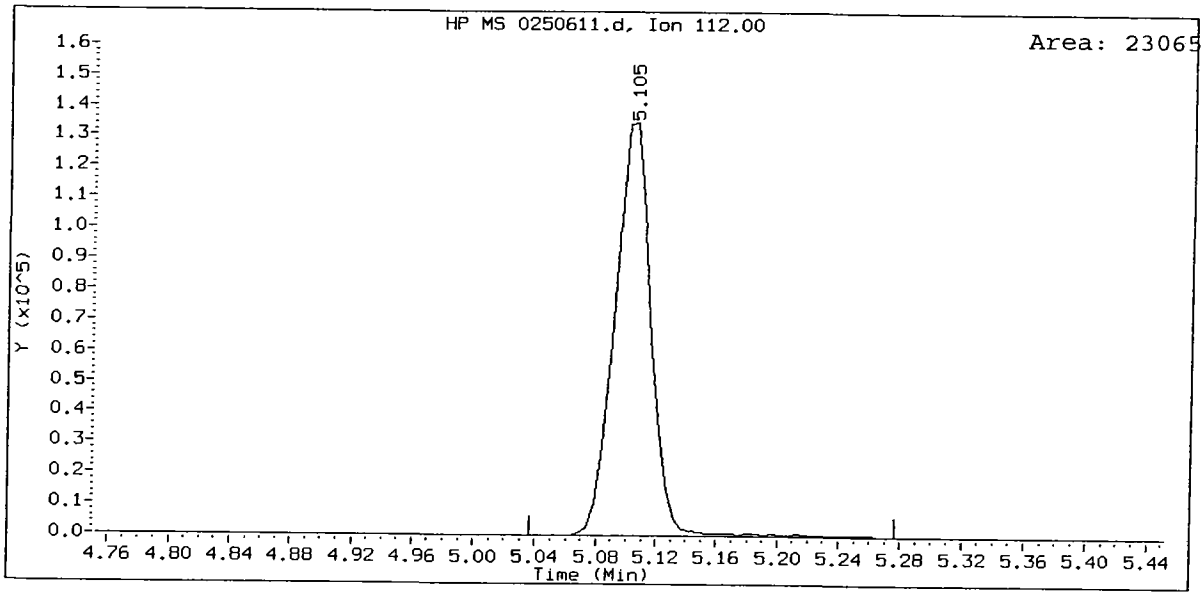
ABN 25, /chem1/nt6.i/20090611.b/0250611.d
Aniline Amount: 25.00

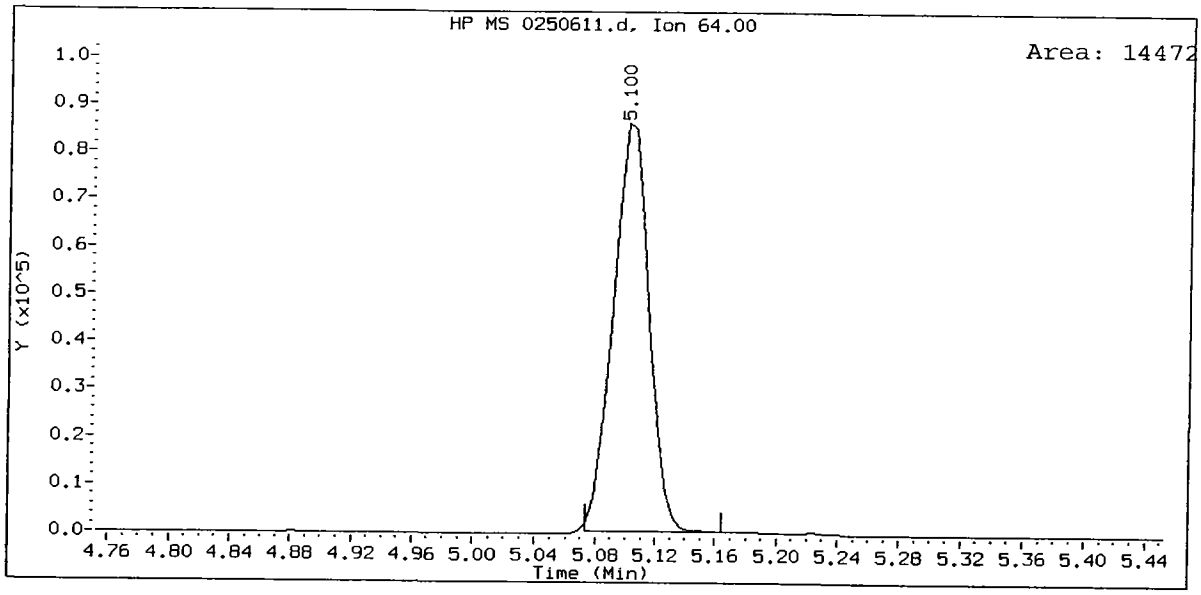






ABN 25, /chem1/nt6.i/20090611.b/0250611.d
2-Fluorophenol Amount: 24.89





Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem1/nt6.i/20090611.b/ddt.b/0250611.d ARI ID:
Method: /chem1/nt6.i/20090611.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 11-JUN-2009 10:27 Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	14.228	51931
Benzidine	16.615	233919
4,4'-DDE	----	----
4,4'-DDD	17.539	2547
4,4'-DDT	18.009	145896

LJK 6/11/09

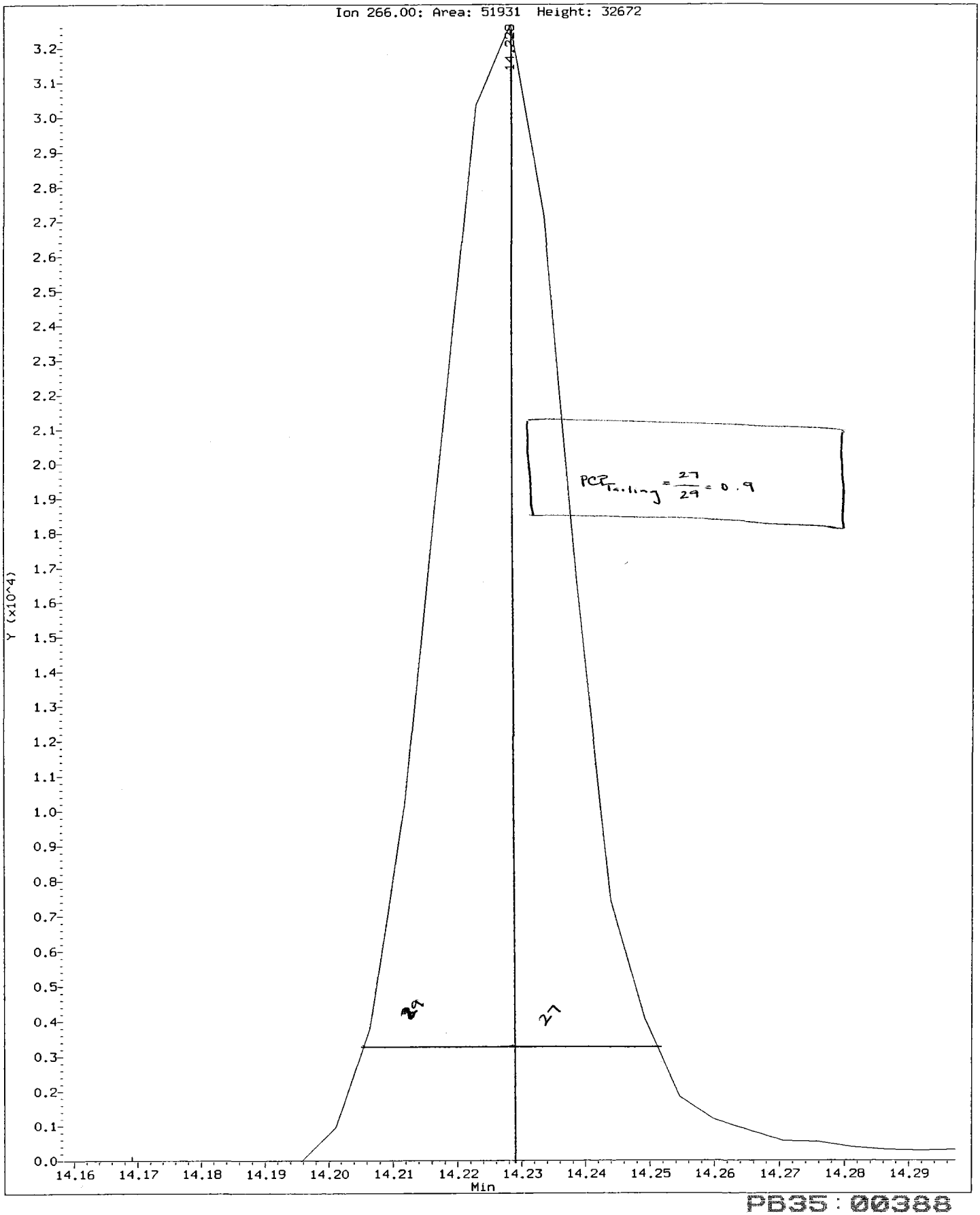
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 2547) * 100}{(0 + 2547 + 145896)}$$

DDT Percent Breakdown = 1.7 %

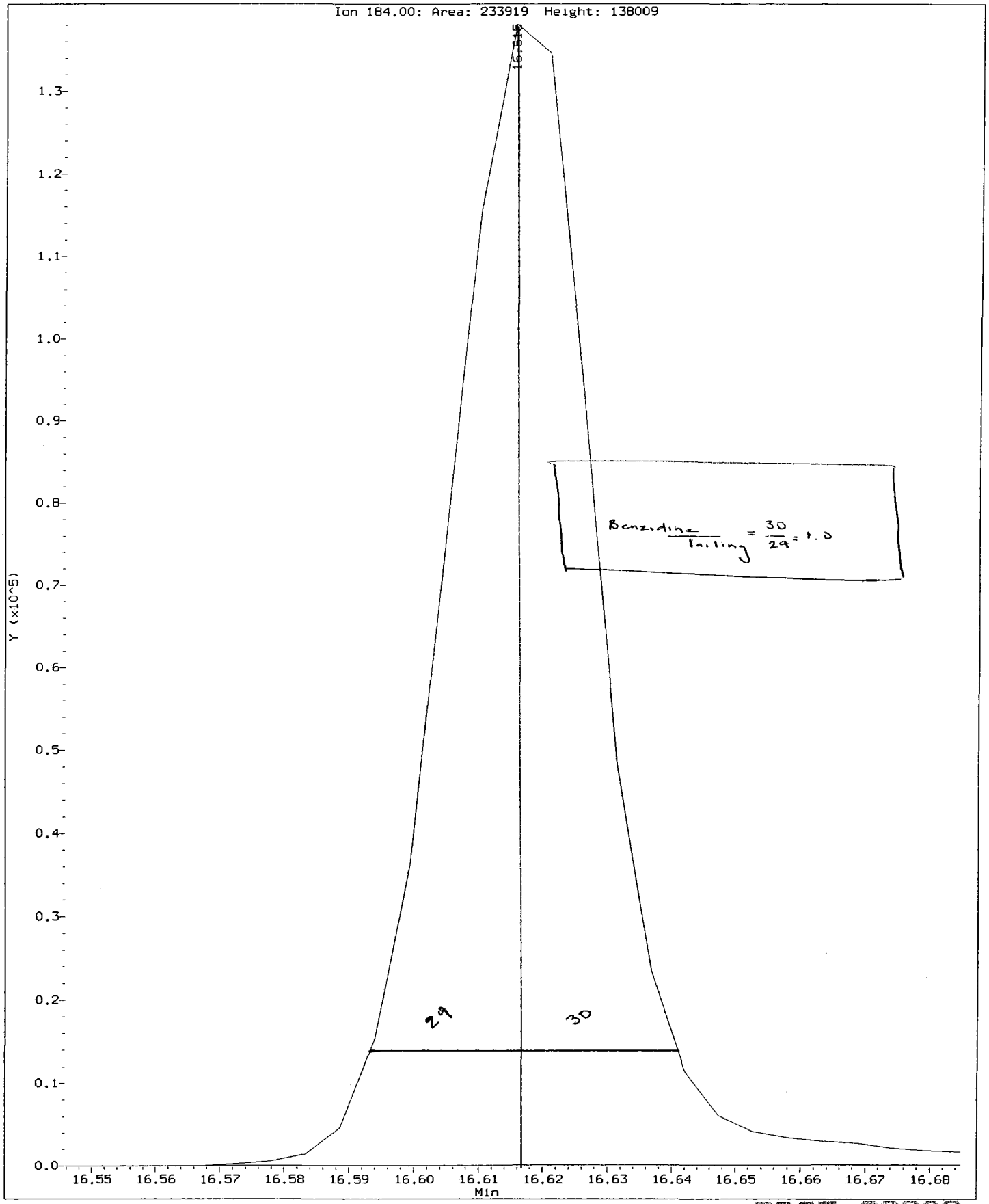
Data File: /chem1/nt6.i/20090611.b/ddt.b/0250611.d
Injection Date: 11-JUN-2009 10:27
Instrument: nt6.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem1/nt6.i/20090611.b/ddt.b/0250611.d
Injection Date: 11-JUN-2009 10:27
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0400611.d
Lab Smp Id: ABN 40
Inj Date : 11-JUN-2009 12:10
Operator : LJR/VTS
Inst ID: nt6.i
Smp Info : ABN 40
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff
Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21
Cal File: 0050611a.d
Als bottle: 4
Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 6/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.112	5.103	(0.716)	452619	40.0000	38.55
$	2 Phenol-d5	99	6.799	6.780	(0.953)	618744	40.0000	39.24
	3 Phenol	94	6.821	6.796	(0.956)	658405	40.0000	38.66
$	5 2-Chlorophenol-d4	132	6.842	6.833	(0.959)	380352	40.0000	39.59
	4 Bis(2-Chloroethyl)ether	93	6.842	6.828	(0.959)	484387	40.0000	37.68
	6 2-Chlorophenol	128	6.869	6.855	(0.963)	414276	40.0000	38.52
	7 1,3-Dichlorobenzene	146	7.072	7.063	(0.991)	442973	40.0000	37.83
*	8 1,4-Dichlorobenzene-d4	152	7.136	7.127	(1.000)	142411	20.0000	
	9 1,4-Dichlorobenzene	146	7.163	7.154	(1.004)	450494	40.0000	38.42
$	10 1,2-Dichlorobenzene-d4	152	7.435	7.426	(1.042)	281608	40.0000	39.71
	12 1,2-Dichlorobenzene	146	7.456	7.448	(1.045)	441597	40.0000	38.36
	11 Benzyl alcohol	108	7.472	7.453	(1.047)	308943	40.0000	38.75
	14 2,2'-oxybis(1-Chloropropane)	45	7.729	7.720	(1.083)	613923	40.0000	38.55
	13 2-Methylphenol	108	7.750	7.731	(1.086)	439296	40.0000	39.39(H)
	17 Hexachloroethane	117	7.942	7.939	(1.113)	216166	40.0000	39.88
	16 N-Nitroso-di-n-propylamine	70	7.958	7.934	(1.115)	402289	40.0000	38.06
	15 4-Methylphenol	108	7.990	7.971	(1.120)	447488	40.0000	39.26
$	18 Nitrobenzene-d5	82	8.097	8.078	(0.880)	567059	40.0000	39.17
	19 Nitrobenzene	77	8.124	8.104	(0.883)	571915	40.0000	38.06
	20 Isophorone	82	8.525	8.500	(0.927)	974974	40.0000	38.79
	21 2-Nitrophenol	139	8.642	8.633	(0.940)	219158	40.0000	40.04
	22 2,4-Dimethylphenol	107	8.818	8.799	(0.959)	486220	40.0000	40.58
	23 Bis(2-Chloroethoxy)methane	93	8.947	8.927	(0.973)	535116	40.0000	38.65
	24 Benzoic acid	105	9.192	8.991	(0.999)	678721	80.0000	90.65(M)
	25 2,4-Dichlorophenol	162	9.048	9.034	(0.984)	332284	40.0000	42.59
	26 1,2,4-Trichlorobenzene	180	9.149	9.141	(0.995)	376854	40.0000	39.77
*	27 Naphthalene-d8	136	9.198	9.189	(1.000)	471377	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.230	9.215	(1.003)	1077266	40.0000	38.44
	29 4-Chloroaniline	127	9.406	9.392	(1.023)	495231	40.0000	40.99
	30 Hexachlorobutadiene	225	9.561	9.557	(1.039)	204615	40.0000	38.60
	31 4-Chloro-3-methylphenol	107	10.260	10.252	(1.116)	414639	40.0000	41.97
	32 2-Methylnaphthalene	141	10.351	10.342	(1.125)	595710	40.0000	39.02
	33 Hexachlorocyclopentadiene	237	10.736	10.732	(0.892)	207087	40.0000	40.46
	34 2,4,6-Trichlorophenol	196	10.885	10.876	(0.904)	238415	40.0000	41.44
	35 2,4,5-Trichlorophenol	196	10.944	10.941	(0.909)	246489	40.0000	41.80
$	36 2-Fluorobiphenyl	172	11.014	10.999	(0.915)	763664	40.0000	38.13
	37 2-Chloronaphthalene	162	11.120	11.111	(0.924)	699659	40.0000	38.99
	38 2-Nitroaniline	65	11.382	11.363	(0.945)	297729	40.0000	39.88
	39 Dimethylphthalate	163	11.772	11.758	(0.978)	783377	40.0000	39.83
	40 Acenaphthylene	152	11.788	11.779	(0.979)	1036358	40.0000	38.67
	41 2,6-Dinitrotoluene	165	11.857	11.843	(0.985)	173806	40.0000	40.64
*	42 Acenaphthene-d10	164	12.039	12.030	(1.000)	269613	20.0000	
	43 3-Nitroaniline	138	12.060	12.035	(1.002)	202367	40.0000	41.45
	44 Acenaphthene	153	12.092	12.078	(1.004)	656319	40.0000	38.81
	45 2,4-Dinitrophenol	184	12.231	12.212	(1.016)	185554	80.0000	81.08
	46 Dibenzofuran	168	12.354	12.340	(1.026)	957527	40.0000	39.19
	47 4-Nitrophenol	109	12.429	12.409	(1.032)	134465	40.0000	43.19
	48 2,4-Dinitrotoluene	165	12.477	12.457	(1.036)	226817	40.0000	40.90
	50 Diethylphthalate	149	12.931	12.911	(1.074)	693446	40.0000	38.73
	49 Fluorene	166	12.904	12.890	(1.072)	796831	40.0000	39.87
	51 4-Chlorophenyl-phenylether	204	12.952	12.943	(1.076)	390625	40.0000	39.60
	52 4-Nitroaniline	138	13.054	13.018	(1.084)	179266	40.0000	41.32
	53 4,6-Dinitro-2-methylphenol	198	13.134	13.104	(0.913)	300398	80.0000	88.92
	54 N-Nitrosodiphenylamine	169	13.171	13.152	(0.916)	532260	40.0000	38.03
$	55 2,4,6-Tribromophenol	330	13.326	13.317	(1.107)	109493	40.0000	42.59
	56 4-Bromophenyl-phenylether	248	13.721	13.713	(0.954)	220643	40.0000	38.68
	57 Hexachlorobenzene	284	13.919	13.910	(0.968)	220071	40.0000	37.80
	58 Pentachlorophenol	266	14.234	14.220	(0.990)	116385	40.0000	43.77
*	59 Phenanthrene-d10	188	14.384	14.375	(1.000)	448584	20.0000	
	60 Phenanthrene	178	14.421	14.412	(1.003)	1074410	40.0000	37.73
	61 Anthracene	178	14.496	14.482	(1.008)	1094422	40.0000	37.91
	62 Carbazole	167	14.800	14.786	(1.029)	877123	40.0000	36.98
	63 Di-n-butylphthalate	149	15.559	15.550	(1.082)	1074829	40.0000	37.87
	64 Fluoranthene	202	16.339	16.330	(1.136)	1090891	40.0000	37.53
	65 Pyrene	202	16.680	16.672	(0.894)	1095313	40.0000	38.94
$	66 Terphenyl-d14	244	17.038	17.029	(0.913)	734245	40.0000	40.49
	67 Butylbenzylphthalate	149	17.946	17.937	(0.962)	446916	40.0000	39.35
	68 Benzo(a)anthracene	228	18.635	18.621	(0.999)	952069	40.0000	38.00
*	69 Chrysene-d12	240	18.657	18.648	(1.000)	339501	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.673	18.664	(1.001)	351919	40.0000	38.31
	71 Chrysene	228	18.705	18.680	(1.003)	895552	40.0000	37.33
	72 bis(2-Ethylhexyl)phthalate	149	18.961	18.958	(0.953)	590350	40.0000	39.57
*	134 Di-n-octylphthalate-d4	153	19.896	19.887	(1.000)	481057	20.0000	
	73 Di-n-octylphthalate	149	19.901	19.898	(1.000)	961899	40.0000	37.10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.280	20.261	(0.976)	1058639	40.0000	42.68
75	Benzo(k)fluoranthene	252	20.312	20.293	(0.977)	918285	40.0000	36.04
76	Benzo(a)pyrene	252	20.713	20.693	(0.996)	903792	40.0000	40.25
* 77	Perylene-d12	264	20.788	20.779	(1.000)	342314	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.144	22.119	(1.065)	1197157	40.0000	39.99
79	Dibenzo(a,h)anthracene	278	22.171	22.151	(1.067)	917997	40.0000	40.39
80	Benzo(g,h,i)perylene	276	22.449	22.419	(1.080)	1041381	40.0000	39.81
90	N-Nitrosodimethylamine	74	2.227	2.197	(0.312)	339572	40.0000	37.64
103	Pyridine	79	2.201	2.192	(0.308)	601298	40.0000	38.85
91	Aniline	93	6.698	6.684	(0.939)	814956	40.0000	37.73
105	1-methylnaphthalene	141	10.517	10.508	(1.143)	571836	40.0000	39.12
93	Benzidine	184	16.622	16.613	(0.891)	481331	40.0000	37.35
111	Azobenzene (1,2-DP-Hydrazine)	77	13.203	13.189	(1.097)	1126070	40.0000	39.30
143	1,4-Dioxane	88	1.763	1.749	(0.247)	224993	40.0000	37.00
$ 137	d8-1,4-Dioxane	96	1.731	1.717	(0.243)	250746	40.0000	38.70
144	alpha-Terpineol	59	9.294	9.279	(1.010)	336120	40.0000	39.65
98	Retene	219	17.268	17.259	(0.926)	375518	40.0000	41.01
133	Butylatedhydroxytoluene	205	12.263	12.260	(1.019)	589880	40.0000	37.93
115	Tributyl Phosphate	99	13.326	13.301	(0.926)	1013526	40.0000	37.79
116	Dibutyl Phenyl Phosphate	175	15.009	15.000	(1.043)	547185	40.0000	39.24
117	Butyl Diphenyl Phosphate	94	16.664	16.661	(0.893)	237733	40.0000	40.07
118	Triphenyl Phosphate	326	18.245	18.231	(0.978)	149668	40.0000	39.34
123	Acetophenone	105	7.873	7.853	(1.103)	596224	40.0000	38.27
179	n-Decane	57	7.018	7.010	(0.984)	495468	40.0000	37.45
180	n-Octadecane	57	14.405	14.396	(1.001)	551299	40.0000	38.12
168	Pentachlorobenzene	250	12.397	12.388	(1.030)	279863	40.0000	39.12
113	Diphenyl Oxide	170	11.334	11.325	(0.941)	477532	40.0000	39.19
112	Biphenyl	154	11.136	11.127	(0.925)	922371	40.0000	38.09

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0400611.d
Lab Smp Id: ABN 40
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	142411	26.71
27 Naphthalene-d8	384492	192246	768984	471377	22.60
42 Acenaphthene-d10	217478	108739	434956	269613	23.97
59 Phenanthrene-d10	336594	168297	673188	448584	33.27
69 Chrysene-d12	247160	123580	494320	339501	37.36
134 Di-n-octylphthala	347036	173518	694072	481057	38.62
77 Perylene-d12	232938	116469	465876	342314	46.95

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.01
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.07
42 Acenaphthene-d10	12.03	11.53	12.53	12.04	0.05
59 Phenanthrene-d10	14.38	13.88	14.88	14.38	0.01
69 Chrysene-d12	18.66	18.16	19.16	18.66	0.01
134 Di-n-octylphthala	19.89	19.39	20.39	19.90	0.03
77 Perylene-d12	20.78	20.28	21.28	20.79	0.03

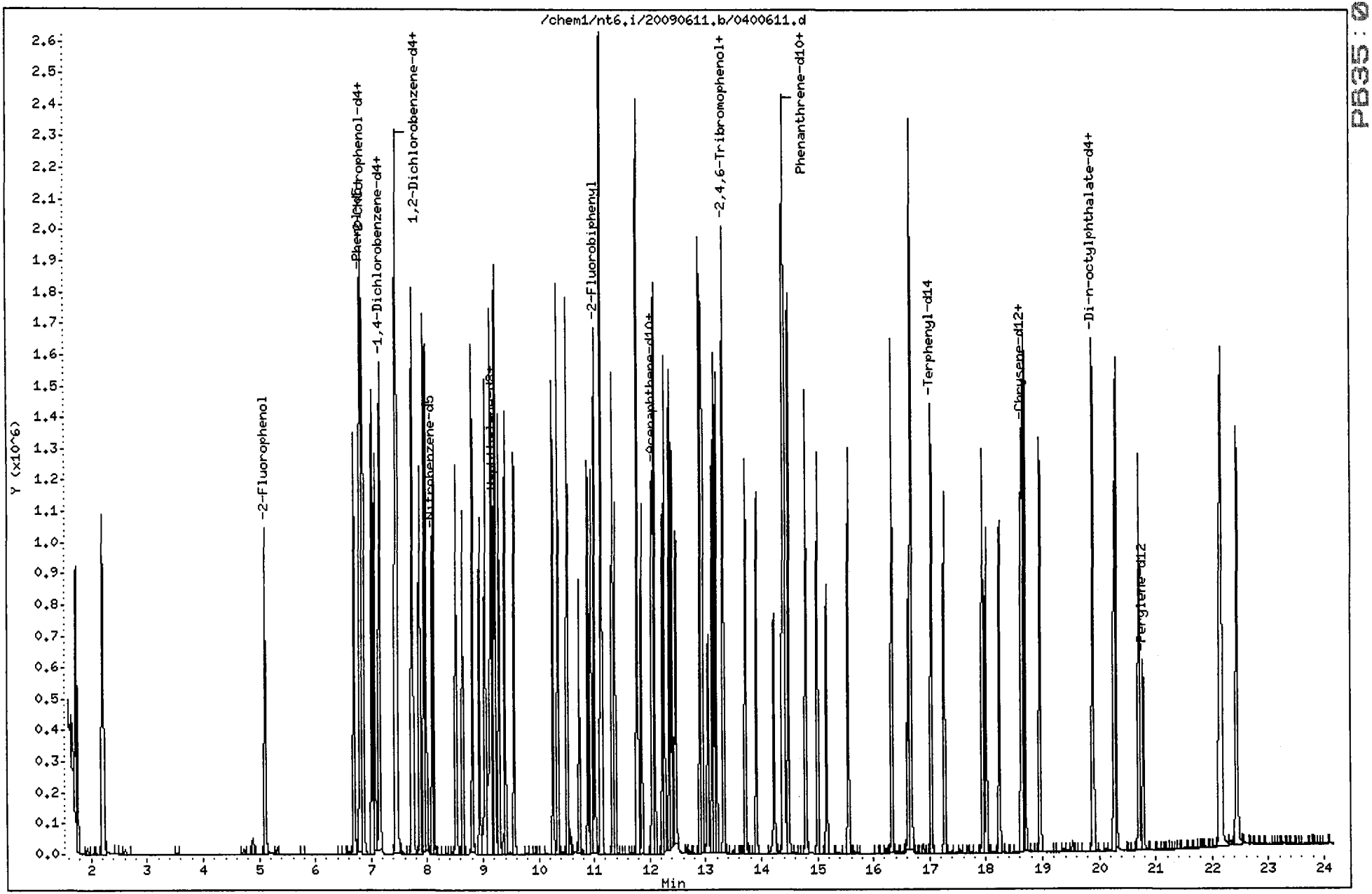
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611.b/0400611.d
Date : 11-JUN-2009 12:10
Client ID:
Sample Info: ABN 40

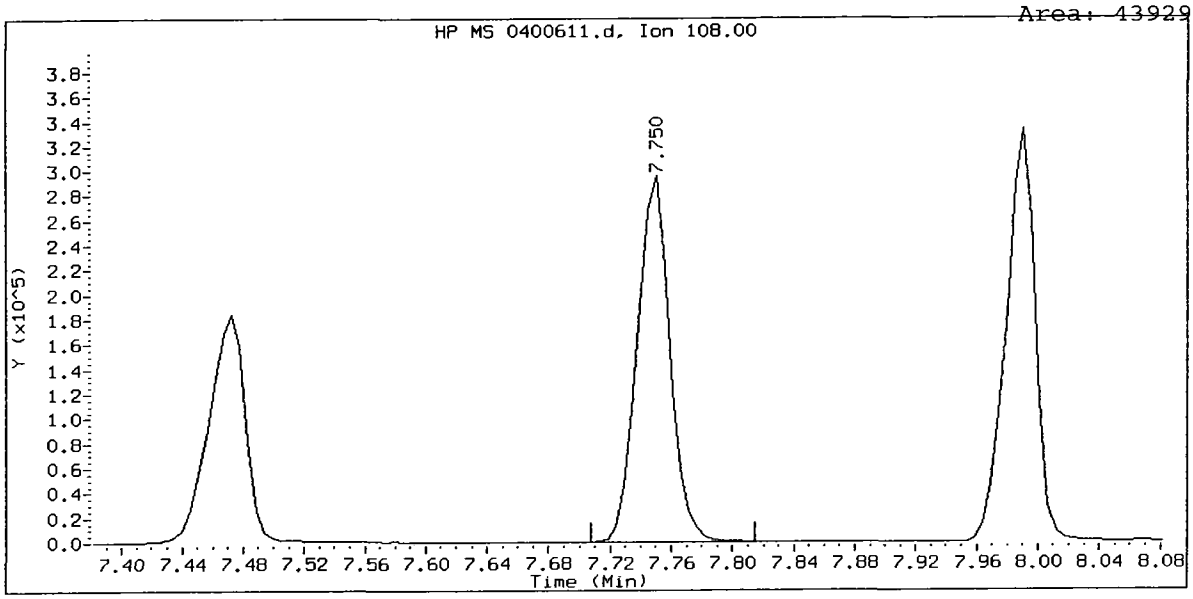
Instrument: nt6.i

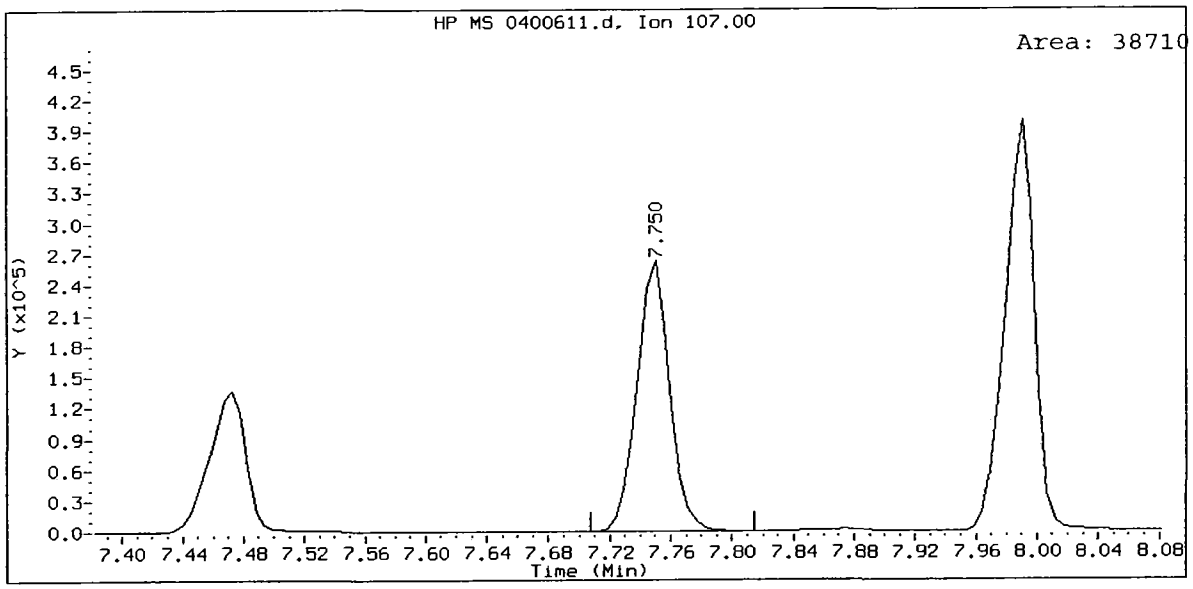
Operator: LJR/VTS
Column diameter: 0.32

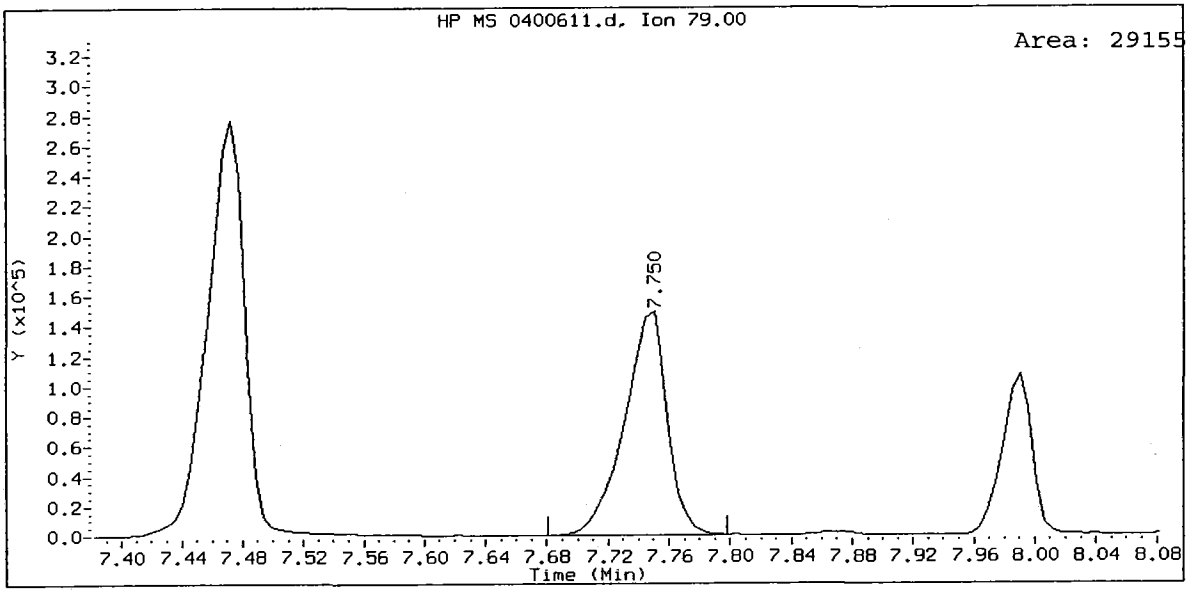
Column phase: ZB-5



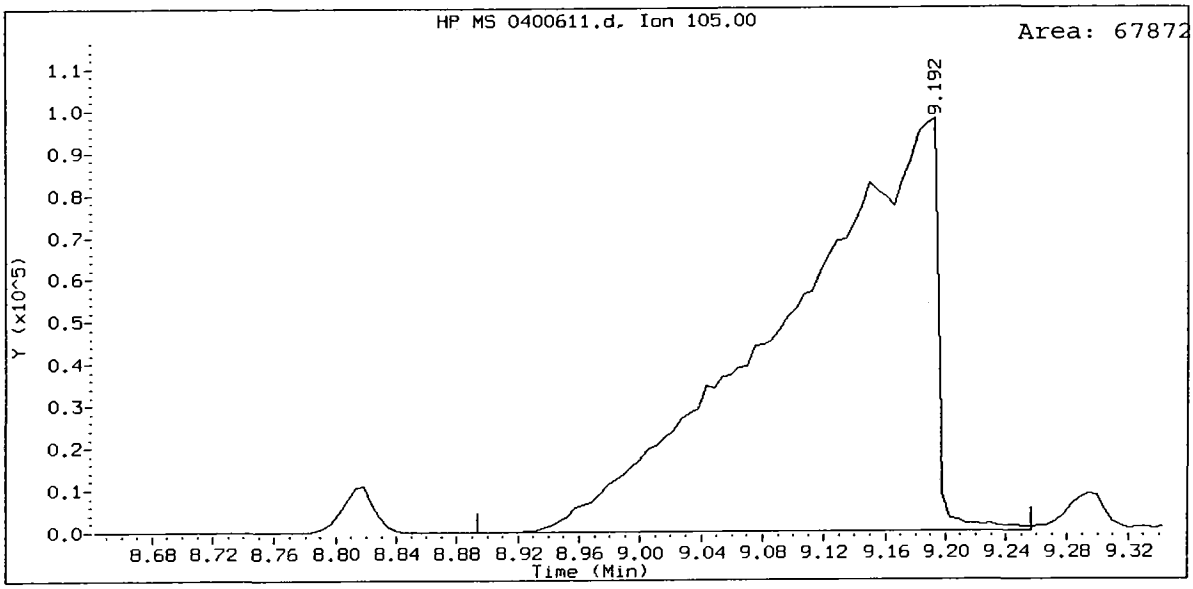
ABN 40, /chem1/nt6.i/20090611.b/0400611.d
2-Methylphenol Amount: 39.39

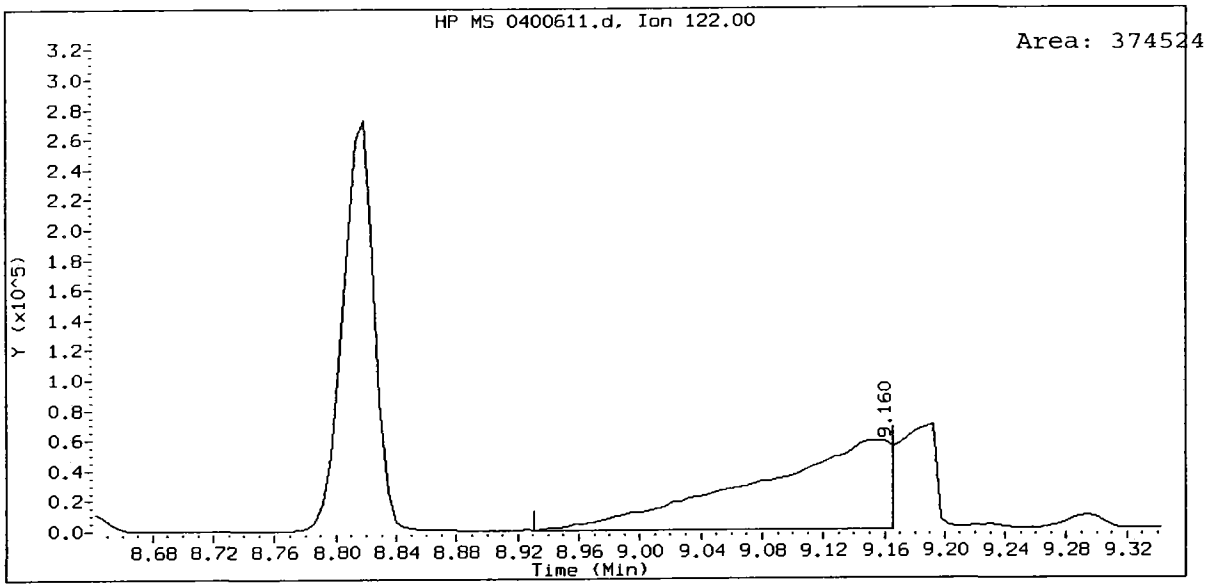


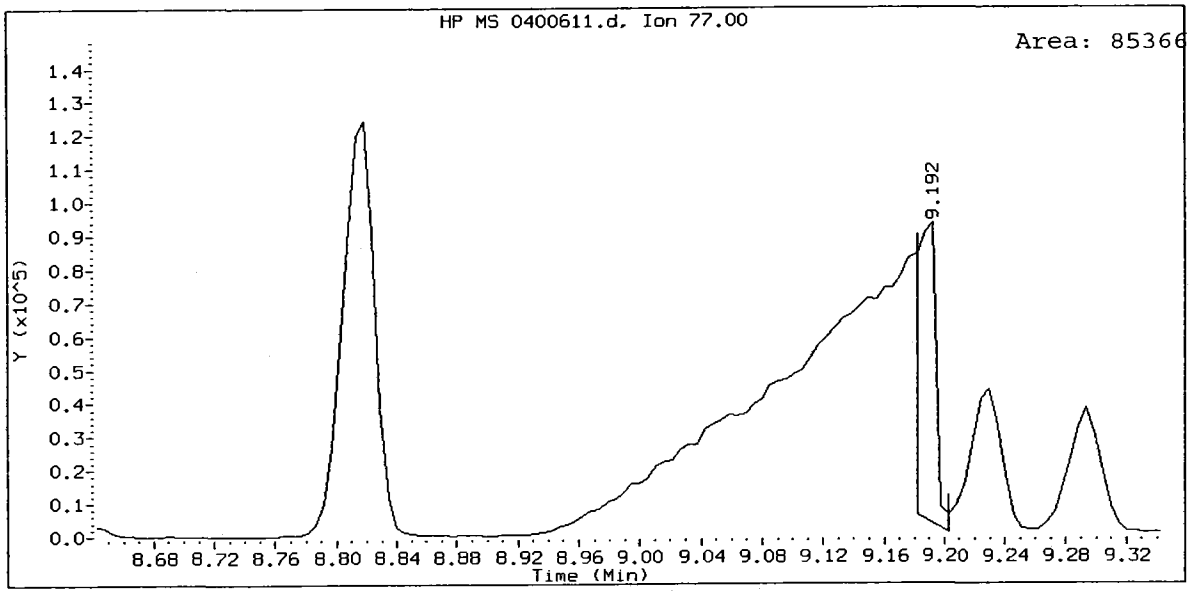




ABN 40, /chem1/nt6.i/20090611.b/0400611.d
Benzoic acid Amount: 90.65







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/0800611.d
Lab Smp Id: ABN 80
Inj Date : 11-JUN-2009 11:04
Operator : LJR/VTS
Inst ID: nt6.i
Smp Info : ABN 80
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:21 jeff
Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21
Cal File: 0050611a.d
Als bottle: 2
Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 6/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.114	5.103	(0.716)	700257	80.0000	74.21
$	2 Phenol-d5	99	6.812	6.780	(0.954)	956730	80.0000	75.50
	3 Phenol	94	6.828	6.796	(0.956)	1017949	80.0000	74.38
$	5 2-Chlorophenol-d4	132	6.850	6.833	(0.959)	600302	80.0000	77.74
	4 Bis(2-Chloroethyl)ether	93	6.850	6.828	(0.959)	766346	80.0000	74.18
	6 2-Chlorophenol	128	6.876	6.855	(0.963)	649146	80.0000	75.09
	7 1,3-Dichlorobenzene	146	7.074	7.063	(0.990)	700347	80.0000	74.41
*	8 1,4-Dichlorobenzene-d4	152	7.143	7.127	(1.000)	114460	20.0000	
	9 1,4-Dichlorobenzene	146	7.170	7.154	(1.004)	717202	80.0000	76.10
$	10 1,2-Dichlorobenzene-d4	152	7.442	7.426	(1.042)	446674	80.0000	78.37
	12 1,2-Dichlorobenzene	146	7.464	7.448	(1.045)	691865	80.0000	74.77
	11 Benzyl alcohol	108	7.480	7.453	(1.047)	493933	80.0000	77.09
	14 2,2'-oxybis(1-Chloropropane)	45	7.731	7.720	(1.082)	950484	80.0000	74.27
	13 2-Methylphenol	108	7.758	7.731	(1.086)	678630	80.0000	75.71
	17 Hexachloroethane	117	7.945	7.939	(1.112)	331270	80.0000	76.04
	16 N-Nitroso-di-n-propylamine	70	7.971	7.934	(1.116)	611596	80.0000	71.98
	15 4-Methylphenol	108	7.998	7.971	(1.120)	698997	80.0000	76.30
$	18 Nitrobenzene-d5	82	8.105	8.078	(0.881)	852928	80.0000	72.27
	19 Nitrobenzene	77	8.131	8.104	(0.884)	857890	80.0000	70.03
	20 Isophorone	82	8.532	8.500	(0.927)	1442576	80.0000	70.41
	21 2-Nitrophenol	139	8.644	8.633	(0.940)	347870	80.0000	77.95
	22 2,4-Dimethylphenol	107	8.826	8.799	(0.959)	733347	80.0000	75.08
	23 Bis(2-Chloroethoxy)methane	93	8.949	8.927	(0.973)	823217	80.0000	72.93
	24 Benzoic acid	105	9.232	8.991	(1.003)	1059147	160.000	173.5 (M)
	25 2,4-Dichlorophenol	162	9.055	9.034	(0.984)	525179	80.0000	82.56
	26 1,2,4-Trichlorobenzene	180	9.152	9.141	(0.995)	585231	80.0000	75.76
*	27 Naphthalene-d8	136	9.200	9.189	(1.000)	384289	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.232	9.215	(1.003)	1623757	80.0000	71.08
	29 4-Chloroaniline	127	9.408	9.392	(1.023)	755961	80.0000	76.76
	30 Hexachlorobutadiene	225	9.563	9.557	(1.039)	336266	80.0000	77.82
	31 4-Chloro-3-methylphenol	107	10.263	10.252	(1.116)	613331	80.0000	76.15
	32 2-Methylnaphthalene	141	10.353	10.342	(1.125)	909404	80.0000	73.08
	33 Hexachlorocyclopentadiene	237	10.733	10.732	(0.891)	325812	80.0000	81.05
	34 2,4,6-Trichlorophenol	196	10.893	10.876	(0.905)	357866	80.0000	79.19
	35 2,4,5-Trichlorophenol	196	10.952	10.941	(0.910)	376193	80.0000	81.22
$	36 2-Fluorobiphenyl	172	11.016	10.999	(0.915)	1193236	80.0000	75.86
	37 2-Chloronaphthalene	162	11.128	11.111	(0.924)	1091119	80.0000	77.40
	38 2-Nitroaniline	65	11.389	11.363	(0.946)	448273	80.0000	76.45
	39 Dimethylphthalate	163	11.779	11.758	(0.978)	1161580	80.0000	75.18
	40 Acenaphthylene	152	11.790	11.779	(0.979)	1583644	80.0000	75.24
	41 2,6-Dinitrotoluene	165	11.865	11.843	(0.985)	264149	80.0000	78.64
*	42 Acenaphthene-d10	164	12.041	12.030	(1.000)	211778	20.0000	
	43 3-Nitroaniline	138	12.068	12.035	(1.002)	302105	80.0000	78.77
	44 Acenaphthene	153	12.100	12.078	(1.005)	983330	80.0000	74.02
	45 2,4-Dinitrophenol	184	12.239	12.212	(1.016)	312259	160.000	160.7
	46 Dibenzofuran	168	12.362	12.340	(1.027)	1410257	80.0000	73.47
	47 4-Nitrophenol	109	12.447	12.409	(1.034)	204560	80.0000	83.65
	48 2,4-Dinitrotoluene	165	12.484	12.457	(1.037)	343535	80.0000	78.87
	50 Diethylphthalate	149	12.933	12.911	(1.074)	1062333	80.0000	75.54
	49 Fluorene	166	12.906	12.890	(1.072)	1171964	80.0000	74.65
	51 4-Chlorophenyl-phenylether	204	12.954	12.943	(1.076)	586072	80.0000	75.63
	52 4-Nitroaniline	138	13.072	13.018	(1.086)	268550	80.0000	78.80
	53 4,6-Dinitro-2-methylphenol	198	13.147	13.104	(0.914)	462450	160.000	179.2
	54 N-Nitrosodiphenylamine	169	13.179	13.152	(0.916)	806877	80.0000	75.47
$	55 2,4,6-Tribromophenol	330	13.334	13.317	(1.107)	168982	80.0000	83.68
	56 4-Bromophenyl-phenylether	248	13.724	13.713	(0.954)	346815	80.0000	79.58
	57 Hexachlorobenzene	284	13.921	13.910	(0.968)	349431	80.0000	78.56
	58 Pentachlorophenol	266	14.242	14.220	(0.990)	192557	80.0000	94.80
*	59 Phenanthrene-d10	188	14.386	14.375	(1.000)	342675	20.0000	
	60 Phenanthrene	178	14.429	14.412	(1.003)	1573061	80.0000	72.32
	61 Anthracene	178	14.503	14.482	(1.008)	1593579	80.0000	72.27
	62 Carbazole	167	14.808	14.786	(1.029)	1359163	80.0000	75.01
	63 Di-n-butylphthalate	149	15.561	15.550	(1.082)	1573410	80.0000	72.58
	64 Fluoranthene	202	16.346	16.330	(1.136)	1602844	80.0000	72.18
	65 Pyrene	202	16.688	16.672	(0.894)	1622958	80.0000	68.73
$	66 Terphenyl-d14	244	17.040	17.029	(0.913)	1078415	80.0000	70.83
	67 Butylbenzylphthalate	149	17.954	17.937	(0.962)	678229	80.0000	71.12
	68 Benzo(a)anthracene	228	18.643	18.621	(0.999)	1567549	80.0000	74.51
*	69 Chrysene-d12	240	18.664	18.648	(1.000)	285044	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.685	18.664	(1.001)	591919	80.0000	76.75
	71 Chrysene	228	18.712	18.680	(1.003)	1533626	80.0000	76.13
	72 bis(2-Ethylhexyl)phthalate	149	18.963	18.958	(0.953)	923723	80.0000	70.17
*	134 Di-n-octylphthalate-d4	153	19.898	19.887	(1.000)	424428	20.0000	
	73 Di-n-octylphthalate	149	19.909	19.898	(1.001)	1589799	80.0000	69.49

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.293	20.261	(0.976)	1685671	80.0000	73.82
75	Benzo(k)fluoranthene	252	20.325	20.293	(0.978)	1739322	80.0000	74.16 (M)
76	Benzo(a)pyrene	252	20.726	20.693	(0.997)	1573536	80.0000	76.13
* 77	Perylene-d12	264	20.790	20.779	(1.000)	315095	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.162	22.119	(1.066)	2290202	80.0000	83.12
79	Dibenzo(a,h)anthracene	278	22.189	22.151	(1.067)	1725059	80.0000	82.46
80	Benzo(g,h,i)perylene	276	22.472	22.419	(1.081)	1956824	80.0000	81.26
90	N-Nitrosodimethylamine	74	2.235	2.197	(0.313)	532287	80.0000	73.40
103	Pyridine	79	2.198	2.192	(0.308)	940759	80.0000	75.63
91	Aniline	93	6.705	6.684	(0.939)	1270117	80.0000	73.17
105	1-methylnaphthalene	141	10.524	10.508	(1.144)	870304	80.0000	73.03
93	Benzidine	184	16.629	16.613	(0.891)	729408	80.0000	67.41
111	Azobenzene (1,2-DP-Hydrazine)	77	13.211	13.189	(1.097)	1618555	80.0000	71.92
143	1,4-Dioxane	88	1.760	1.749	(0.246)	395658	80.0000	80.97
$ 137	d8-1,4-Dioxane	96	1.728	1.717	(0.242)	416954	80.0000	80.06
144	alpha-Terpineol	59	9.301	9.279	(1.011)	503974	80.0000	72.92
98	Retene	219	17.270	17.259	(0.925)	544773	80.0000	70.86
133	Butylatedhydroxytoluene	205	12.271	12.260	(1.019)	913837	80.0000	74.82
115	Tributyl Phosphate	99	13.334	13.301	(0.927)	1477009	80.0000	72.09
116	Dibutyl Phenyl Phosphate	175	15.016	15.000	(1.044)	828109	80.0000	77.73
117	Butyl Diphenyl Phosphate	94	16.672	16.661	(0.893)	358201	80.0000	71.91
118	Triphenyl Phosphate	326	18.253	18.231	(0.978)	231700	80.0000	72.54
123	Acetophenone	105	7.880	7.853	(1.103)	897585	80.0000	71.69
179	n-Decane	57	7.021	7.010	(0.983)	778512	80.0000	73.21
180	n-Octadecane	57	14.407	14.396	(1.001)	801072	80.0000	72.51
168	Pentachlorobenzene	250	12.404	12.388	(1.030)	425768	80.0000	75.78
113	Diphenyl Oxide	170	11.336	11.325	(0.941)	737021	80.0000	77.00
112	Biphenyl	154	11.144	11.127	(0.925)	1395256	80.0000	73.36

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: 0800611.d
Lab Smp Id: ABN 80
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	114460	1.84
27 Naphthalene-d8	384492	192246	768984	384289	-0.05
42 Acenaphthene-d10	217478	108739	434956	211778	-2.62
59 Phenanthrene-d10	336594	168297	673188	342675	1.81
69 Chrysene-d12	247160	123580	494320	285044	15.33
134 Di-n-octylphthala	347036	173518	694072	424428	22.30
77 Perylene-d12	232938	116469	465876	315095	35.27

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.14	0.12
27 Naphthalene-d8	9.19	8.69	9.69	9.20	0.09
42 Acenaphthene-d10	12.03	11.53	12.53	12.04	0.07
59 Phenanthrene-d10	14.38	13.88	14.88	14.39	0.02
69 Chrysene-d12	18.66	18.16	19.16	18.66	0.05
134 Di-n-octylphthala	19.89	19.39	20.39	19.90	0.04
77 Perylene-d12	20.78	20.28	21.28	20.79	0.04

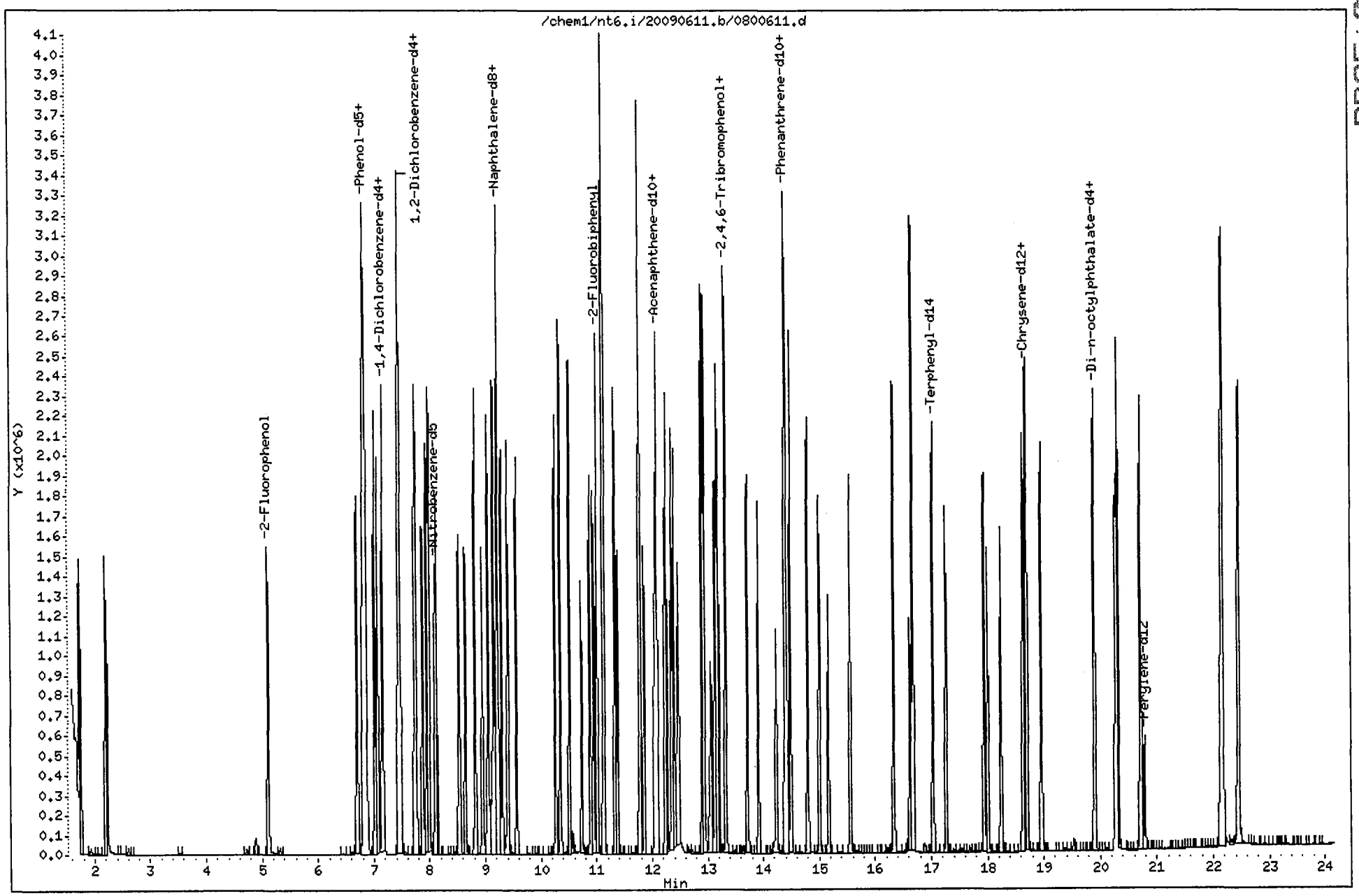
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090611.b/0800611.d
Date : 11-JUN-2009 11:04
Client ID:
Sample Info: ABN 80

Instrument: nt6.i

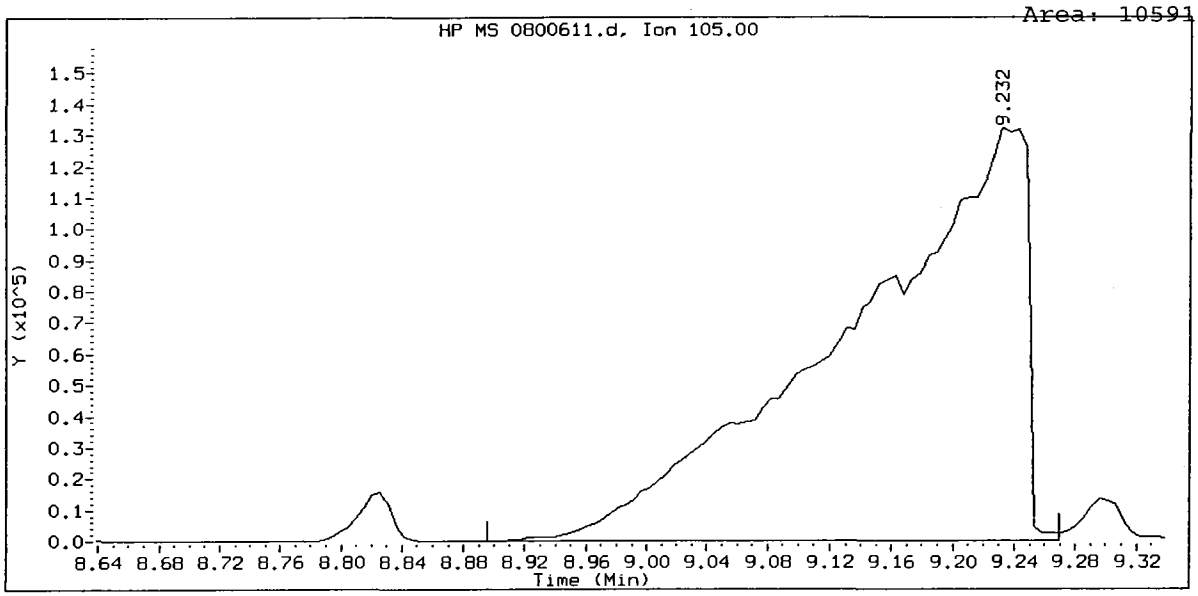
Operator: LJR/VTS
Column diameter: 0.32

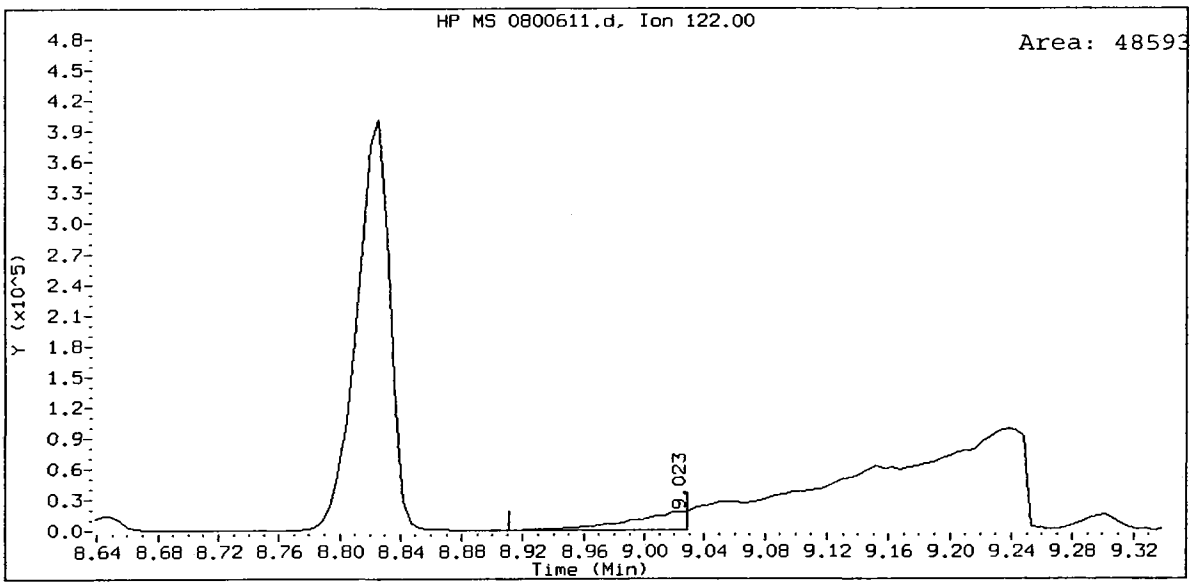
Column phase: ZB-5

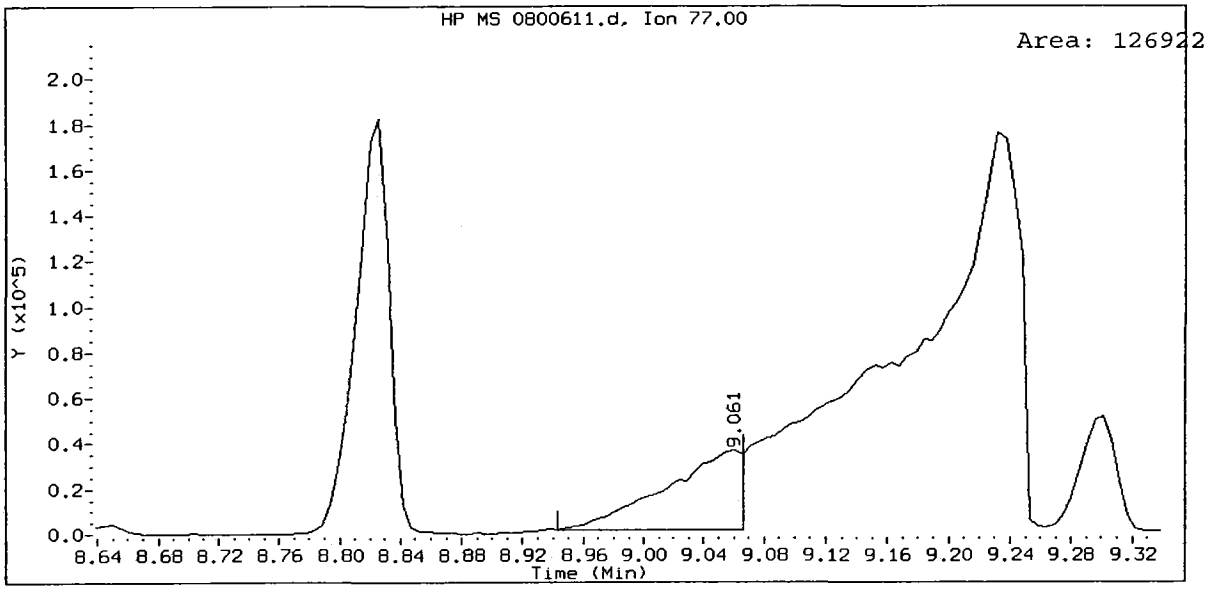


PB35:001401

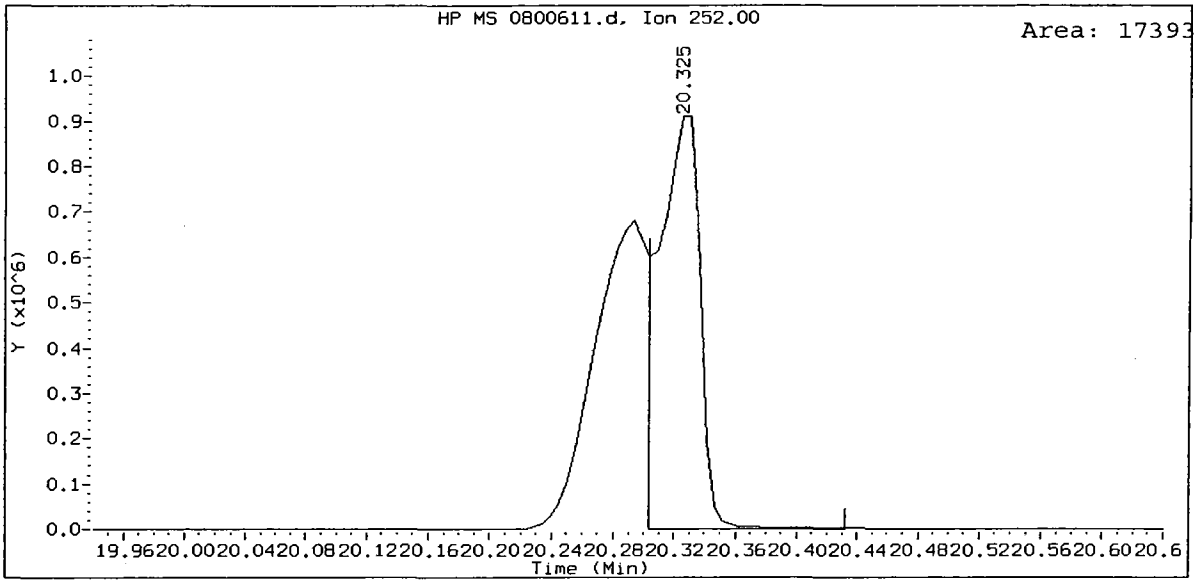
ABN 80, /chem1/nt6.i/20090611.b/0800611.d
Benzoic acid Amount: 173.51

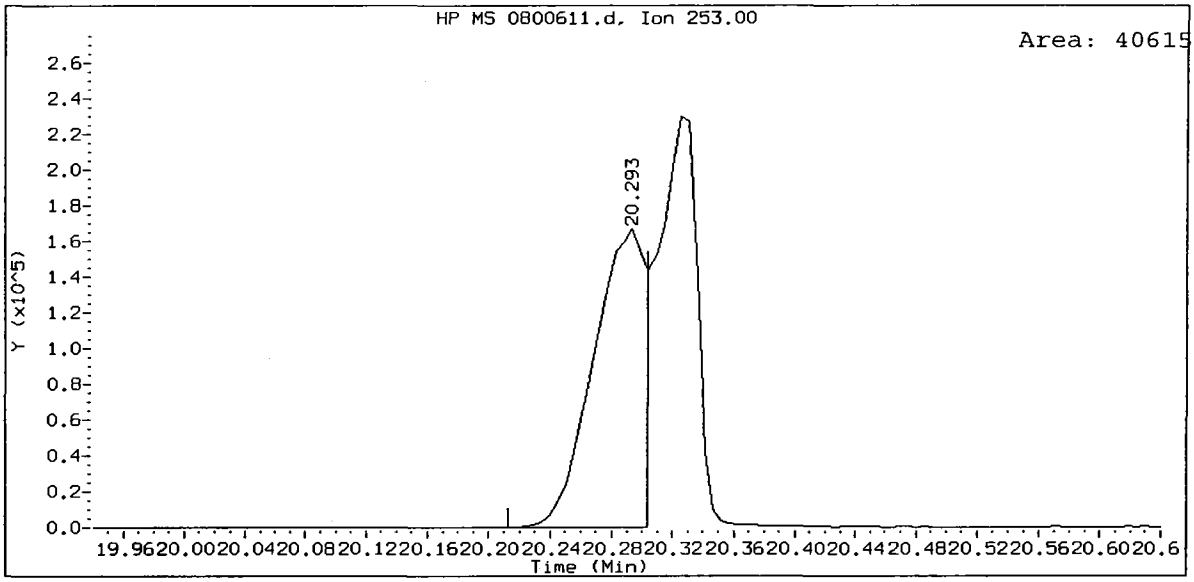


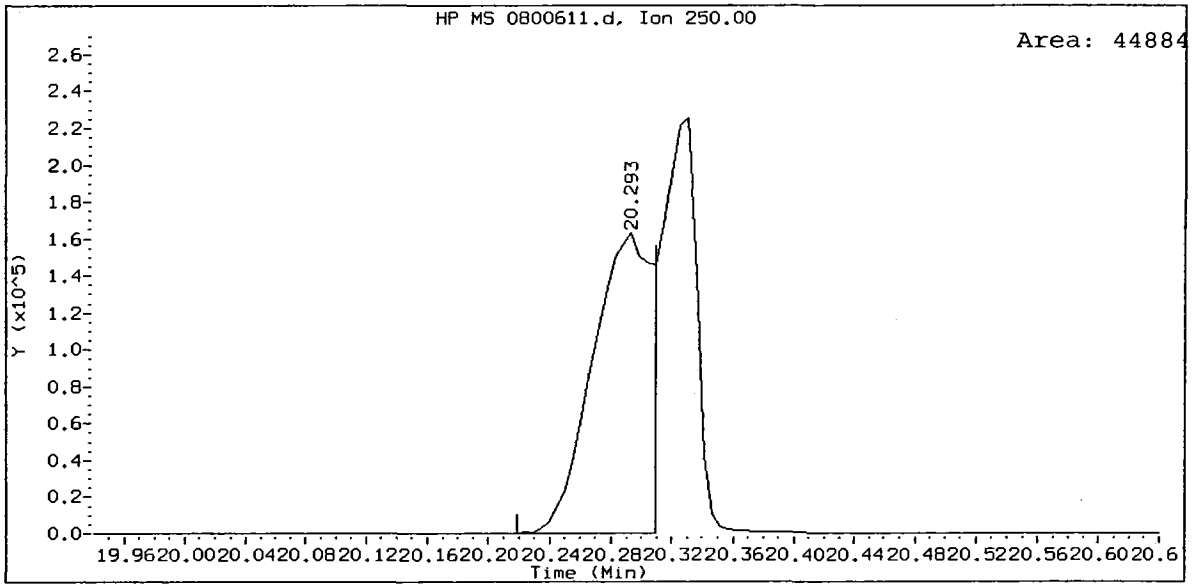




ABN 80, /chem1/nt6.i/20090611.b/0800611.d
Benzo(k)fluoranthene Amount: 74.16







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090611.b/icv0611.d
Lab Smp Id: ABN ICV
Inj Date : 11-JUN-2009 14:54
Operator : LJR/VTS Inst ID: nt6.i LJR 6/11/09
Smp Info : ABN ICV
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090611.b/SW846.m
Meth Date : 11-Jun-2009 16:22 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICV.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
3	Phenol	94	6.801	6.796	(0.954)	338615	27.0021	27.00
4	Bis(2-Chloroethyl)ether	93	6.834	6.828	(0.958)	241459	25.5079	25.51
6	2-Chlorophenol	128	6.860	6.855	(0.962)	215331	27.1848	27.18
7	1,3-Dichlorobenzene	146	7.063	7.063	(0.990)	227210	26.3472	26.35
* 8	1,4-Dichlorobenzene-d4	152	7.133	7.127	(1.000)	104875	20.0000	
9	1,4-Dichlorobenzene	146	7.159	7.154	(1.004)	234976	27.2099	27.21
11	Benzyl alcohol	108	7.458	7.453	(1.046)	163422	27.8374	27.84
12	1,2-Dichlorobenzene	146	7.453	7.448	(1.045)	222408	26.2341	26.23
13	2-Methylphenol	108	7.736	7.731	(1.085)	225009	27.3982	27.40
14	2,2'-oxybis(1-Chloropropane)	45	7.726	7.720	(1.083)	313126	26.7023	26.70
15	4-Methylphenol	108	7.977	7.971	(1.118)	226675	27.0030	27.00
16	N-Nitroso-di-n-propylamine	70	7.944	7.934	(1.114)	203812	26.1805	26.18
17	Hexachloroethane	117	7.939	7.939	(1.113)	105998	26.5534	26.55
19	Nitrobenzene	77	8.115	8.104	(0.883)	304585	26.8860	26.89
20	Isophorone	82	8.511	8.500	(0.926)	454980	24.0143	24.01
21	2-Nitrophenol	139	8.633	8.633	(0.939)	107822	26.1273	26.13
22	2,4-Dimethylphenol	107	8.810	8.799	(0.958)	248959	27.5619	27.56
23	Bis(2-Chloroethoxy)methane	93	8.938	8.927	(0.972)	272333	26.0919	26.09
24	Benzoic acid	105	9.098	8.991	(0.990)	266802	47.2663	47.27
25	2,4-Dichlorophenol	162	9.039	9.034	(0.983)	163648	27.8222	27.82
26	1,2,4-Trichlorobenzene	180	9.146	9.141	(0.995)	183040	25.6245	25.62
* 27	Naphthalene-d8	136	9.194	9.189	(1.000)	355357	20.0000	
28	Naphthalene	128	9.221	9.215	(1.003)	560729	26.5434	26.54
29	4-Chloroaniline	127	9.397	9.392	(1.022)	237114	26.0354	26.04
30	Hexachlorobutadiene	225	9.557	9.557	(1.040)	108523	27.1585	27.16
31	4-Chloro-3-methylphenol	107	10.252	10.252	(1.115)	197140	26.4689	26.47
32	2-Methylnaphthalene	141	10.343	10.342	(1.125)	295370	25.6671	25.67

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/mL)
33	Hexachlorocyclopentadiene	237	10.733	10.732	(0.892)	86829	23.3451	23.35
34	2,4,6-Trichlorophenol	196	10.882	10.876	(0.904)	114493	27.3831	27.38
35	2,4,5-Trichlorophenol	196	10.941	10.941	(0.909)	116215	27.1173	27.12
37	2-Chloronaphthalene	162	11.112	11.111	(0.923)	334591	25.6528	25.65
38	2-Nitroaniline	65	11.368	11.363	(0.945)	147583	27.2038	27.20
39	Dimethylphthalate	163	11.763	11.758	(0.977)	368318	25.7658	25.77
40	Acenaphthylene	152	11.779	11.779	(0.979)	473477	24.3124	24.31
41	2,6-Dinitrotoluene	165	11.849	11.843	(0.984)	79244	25.4985	25.50
* 42	Acenaphthene-d10	164	12.036	12.030	(1.000)	195944	20.0000	
43	3-Nitroaniline	138	12.046	12.035	(1.001)	91569	25.8059	25.81
44	Acenaphthene	153	12.084	12.078	(1.004)	324025	26.3631	26.36
45	2,4-Dinitrophenol	184	12.217	12.212	(1.015)	86164	55.9267	55.93
46	Dibenzofuran	168	12.346	12.340	(1.026)	444329	25.0202	25.02
47	4-Nitrophenol	109	12.415	12.409	(1.032)	58447	25.8305	25.83
48	2,4-Dinitrotoluene	165	12.463	12.457	(1.036)	99860	24.7781	24.78
49	Fluorene	166	12.896	12.890	(1.071)	383668	26.4123	26.41
50	Diethylphthalate	149	12.922	12.911	(1.074)	325827	25.0415	25.04
51	4-Chlorophenyl-phenylether	204	12.949	12.943	(1.076)	181281	25.2854	25.29
52	4-Nitroaniline	138	13.035	13.018	(1.083)	79815	25.3127	25.31
53	4,6-Dinitro-2-methylphenol	198	13.115	13.104	(0.912)	138613	60.7483	60.75
54	N-Nitrosodiphenylamine	169	13.157	13.152	(0.915)	168403	17.8141	17.81
56	4-Bromophenyl-phenylether	248	13.718	13.713	(0.954)	100420	26.0602	26.06
57	Hexachlorobenzene	284	13.910	13.910	(0.967)	99438	25.2839	25.28
58	Pentachlorophenol	266	14.226	14.220	(0.989)	49878	27.7710	27.77
* 59	Phenanthrene-d10	188	14.380	14.375	(1.000)	302996	20.0000	
60	Phenanthrene	178	14.413	14.412	(1.002)	515998	26.8304	26.83
61	Anthracene	178	14.487	14.482	(1.007)	497300	25.5062	25.51
62	Carbazole	167	14.792	14.786	(1.029)	393289	24.5468	24.55
63	Di-n-butylphthalate	149	15.556	15.550	(1.082)	495002	25.8229	25.82
64	Fluoranthene	202	16.330	16.330	(1.136)	521696	26.5703	26.57
65	Pyrene	202	16.672	16.672	(0.894)	530952	25.4631	25.46
67	Butylbenzylphthalate	149	17.943	17.937	(0.962)	215875	25.6351	25.64
68	Benzo(a)anthracene	228	18.627	18.621	(0.999)	491764	26.4713	26.47
* 69	Chrysene-d12	240	18.653	18.648	(1.000)	251700	20.0000	
70	3,3'-Dichlorobenzidine	252	18.669	18.664	(1.001)	172220	25.2883	25.29
71	Chrysene	228	18.691	18.680	(1.002)	453237	25.4801	25.48
72	bis(2-Ethylhexyl)phthalate	149	18.958	18.958	(0.953)	293436	25.3691	25.37
* 134	Di-n-octylphthalate-d4	153	19.887	19.887	(1.000)	372937	20.0000	
73	Di-n-octylphthalate	149	19.898	19.898	(1.001)	505889	25.1654	25.17
74	Benzo(b)fluoranthene	252	20.266	20.261	(0.975)	504981	26.1431	26.14
75	Benzo(k)fluoranthene	252	20.298	20.293	(0.977)	530516	26.7400	26.74
76	Benzo(a)pyrene	252	20.704	20.693	(0.996)	455612	26.0566	26.06
* 77	Perylene-d12	264	20.784	20.779	(1.000)	266554	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.130	22.119	(1.065)	656562	28.1672	28.17
79	Dibenzo(a,h)anthracene	278	22.162	22.151	(1.066)	516262	29.1730	29.17
80	Benzo(g,h,i)perylene	276	22.435	22.419	(1.079)	571907	28.0741	28.07
103	Pyridine	79	2.197	2.192	(0.308)	275920	24.2086	24.21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
90 N-Nitrosodimethylamine	74	2.219	2.197	(0.311)	174404	26.2480	26.25
91 Aniline	93	6.689	6.684	(0.938)	411398	25.8660	25.87
105 1-methylnaphthalene	141	10.514	10.508	(1.143)	290437	26.3543	26.35
111 Azobenzene (1,2-DP-Hydrazine)	77	13.195	13.189	(1.096)	529435	25.4253	25.43
93 Benzidine	184	16.618	16.613	(0.891)	225670	23.6176	23.62

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: icv0611.d
Lab Smp Id: ABN ICV
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

Calibration Date: 11-JUN-2009
Calibration Time: 10:27

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	104875	-6.69
27 Naphthalene-d8	384492	192246	768984	355357	-7.58
42 Acenaphthene-d10	217478	108739	434956	195944	-9.90
59 Phenanthrene-d10	336594	168297	673188	302996	-9.98
69 Chrysene-d12	247160	123580	494320	251700	1.84
134 Di-n-octylphthala	347036	173518	694072	372937	7.46
77 Perylene-d12	232938	116469	465876	266554	14.43

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.13	6.63	7.63	7.13	-0.03
27 Naphthalene-d8	9.19	8.69	9.69	9.19	0.03
42 Acenaphthene-d10	12.03	11.53	12.53	12.04	0.03
59 Phenanthrene-d10	14.38	13.88	14.88	14.38	-0.02
69 Chrysene-d12	18.66	18.16	19.16	18.65	-0.01
134 Di-n-octylphthala	19.89	19.39	20.39	19.89	-0.01
77 Perylene-d12	20.78	20.28	21.28	20.78	0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Client SDG: 20090611
Sample Matrix: NONE Fraction: SV
Lab Smp Id: ABN ICV
Level: Operator: LJR/VTS
Data Type: MS DATA SampleType: LCS
SpikeList File: ICV.spk Quant Type: ISTD
Sublist File: ICV.sub
Method File: /chem1/nt6.i/20090611.b/SW846.m
Misc Info:

SPIKE COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
3 Phenol	25.00	27.00	108.01	
4 Bis(2-Chloroethyl)	25.00	25.51	102.03	
6 2-Chlorophenol	25.00	27.18	108.74	
7 1,3-Dichlorobenzen	25.00	26.35	105.39	
9 1,4-Dichlorobenzen	25.00	27.21	108.84	
11 Benzyl alcohol	25.00	27.84	111.35	
12 1,2-Dichlorobenzen	25.00	26.23	104.94	
13 2-Methylphenol	25.00	27.40	109.59	
14 2,2'-oxybis(1-Chlo	25.00	26.70	106.81	
15 4-Methylphenol	25.00	27.00	108.01	
16 N-Nitroso-di-n-pro	25.00	26.18	104.72	
17 Hexachloroethane	25.00	26.55	106.21	
19 Nitrobenzene	25.00	26.89	107.54	
20 Isophorone	25.00	24.01	96.06	
21 2-Nitrophenol	25.00	26.13	104.51	OK
22 2,4-Dimethylphenol	25.00	27.56	110.25	
23 Bis(2-Chloroethoxy	25.00	26.09	104.37	
24 Benzoic acid	50.00	47.27	94.53	
25 2,4-Dichlorophenol	25.00	27.82	111.29	
26 1,2,4-Trichloroben	25.00	25.62	102.50	
28 Naphthalene	25.00	26.54	106.17	
29 4-Chloroaniline	25.00	26.04	104.14	
30 Hexachlorobutadien	25.00	27.16	108.63	
31 4-Chloro-3-methylp	25.00	26.47	105.88	
32 2-Methylnaphthalen	25.00	25.67	102.67	
33 Hexachlorocyclopen	25.00	23.35	93.38	
34 2,4,6-Trichlorophe	25.00	27.38	109.53	
35 2,4,5-Trichlorophe	25.00	27.12	108.47	
37 2-Chloronaphthalen	25.00	25.65	102.61	
38 2-Nitroaniline	25.00	27.20	108.82	
39 Dimethylphthalate	25.00	25.77	103.06	
40 Acenaphthylene	25.00	24.31	97.25	
41 2,6-Dinitrotoluene	25.00	25.50	101.99	

SPIKE	COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
43	3-Nitroaniline	25.00	25.81	103.22	
44	Acenaphthene	25.00	26.36	105.45	
45	2,4-Dinitrophenol	50.00	55.93	111.85	
46	Dibenzofuran	25.00	25.02	100.08	
47	4-Nitrophenol	25.00	25.83	103.32	
48	2,4-Dinitrotoluene	25.00	24.78	99.11	
49	Fluorene	25.00	26.41	105.65	
50	Diethylphthalate	25.00	25.04	100.17	
51	4-Chlorophenyl-phe	25.00	25.29	101.14	
52	4-Nitroaniline	25.00	25.31	101.25	
53	4,6-Dinitro-2-meth	50.00	60.75	121.50	
54	N-Nitrosodiphenyla	25.00	17.81	71.26	
56	4-Bromophenyl-phen	25.00	26.06	104.24	
57	Hexachlorobenzene	25.00	25.28	101.14	
58	Pentachlorophenol	25.00	27.77	111.08	DK
60	Phenanthrene	25.00	26.83	107.32	
61	Anthracene	25.00	25.51	102.02	
62	Carbazole	25.00	24.55	98.19	
63	Di-n-butylphthalat	25.00	25.82	103.29	
64	Fluoranthene	25.00	26.57	106.28	
65	Pyrene	25.00	25.46	101.85	
67	Butylbenzylphthala	25.00	25.64	102.54	
68	Benzo(a)anthracene	25.00	26.47	105.89	
70	3,3'-Dichlorobenzi	25.00	25.29	101.15	
71	Chrysene	25.00	25.48	101.92	
72	bis(2-Ethylhexyl)p	25.00	25.37	101.48	
73	Di-n-octylphthalat	25.00	25.17	100.66	
74	Benzo(b)fluoranthe	25.00	26.14	104.57	
75	Benzo(k)fluoranthe	25.00	26.74	106.96	
76	Benzo(a)pyrene	25.00	26.06	104.23	
78	Indeno(1,2,3-cd)py	25.00	28.17	112.67	
79	Dibenzo(a,h)anthra	25.00	29.17	116.69	
80	Benzo(g,h,i)peryle	25.00	28.07	112.30	
90	N-Nitrosodimethyla	25.00	26.25	104.99	
91	Aniline	25.00	25.87	103.46	
93	Benzidine	25.00	23.62	94.47	
103	Pyridine	25.00	24.21	96.83	
105	1-methylnaphthalen	25.00	26.35	105.42	

Data File: /chem1/nt6.i/20090611.b/icv0611.d

Date : 11-JUN-2009 14:54

Client ID:

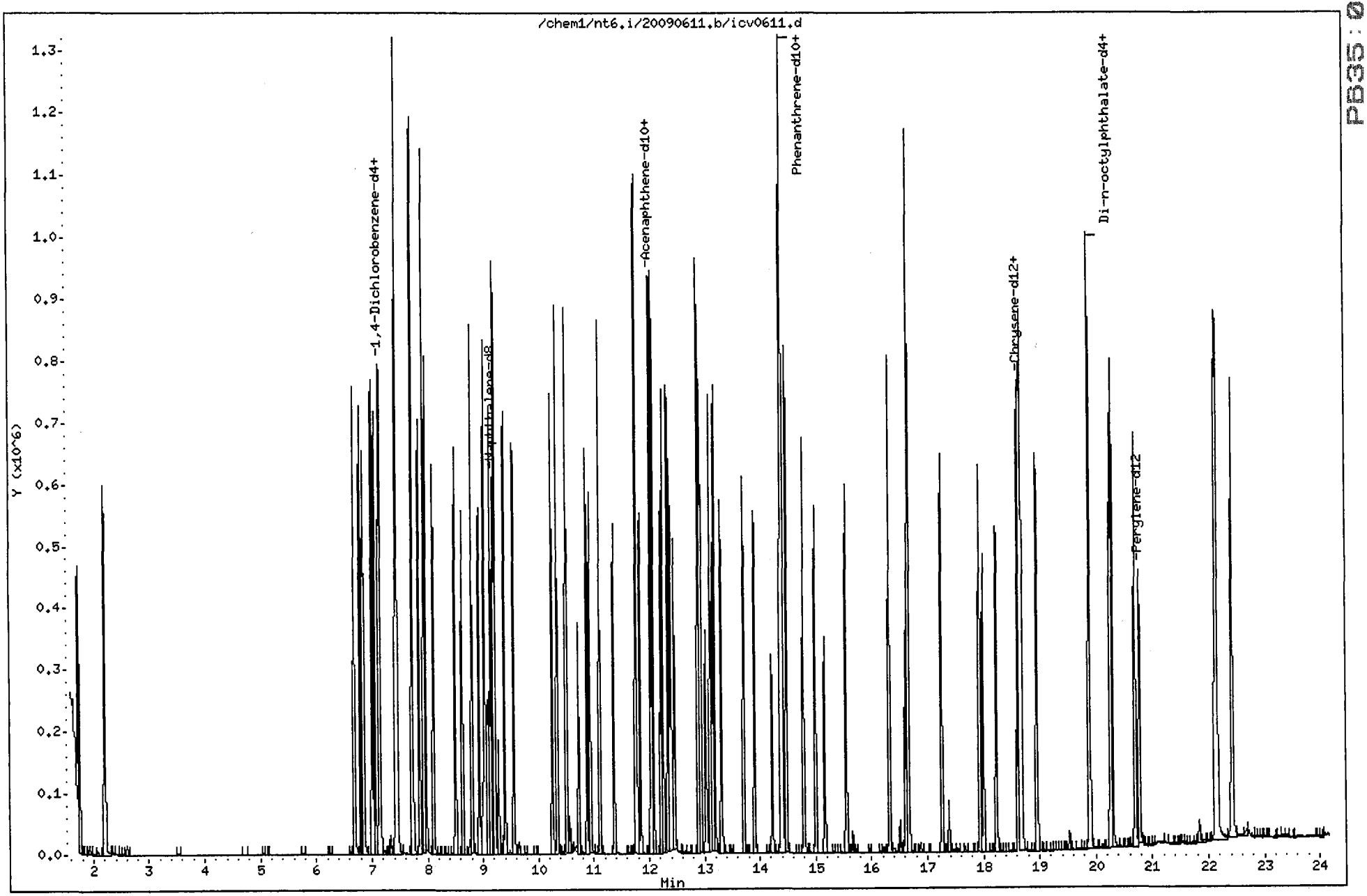
Sample Info: ABN ICV

Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS

Column diameter: 0.32



7B

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT6 Cont. Calib. Date: 06/15/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1439

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
Phenol	2.392	2.433	0.800	AVRG	1.7
Bis(2-Chloroethyl)ether	1.805	1.824	0.700	AVRG	1.0
2-Chlorophenol	1.510	1.493	0.800	AVRG	-1.1
1,3-Dichlorobenzene	1.644	1.636	0.010	AVRG	-0.5
1,4-Dichlorobenzene	1.647	1.650	0.010	AVRG	0.2
1,2-Dichlorobenzene	1.616	1.560	0.010	AVRG	-3.5
Benzyl alcohol	1.120	1.112	0.010	AVRG	-0.7
2,2'-oxybis(1-Chloropropane)	2.236	2.266	0.010	AVRG	1.3
2-Methylphenol	1.566	1.602	0.700	AVRG	2.3
Hexachloroethane	0.761	0.735	0.300	AVRG	-3.4
N-Nitroso-di-n-propylamine	1.484	1.465	0.500	AVRG	-1.3
4-Methylphenol	1.601	1.665	0.600	AVRG	4.0
Nitrobenzene	0.638	0.616	0.200	AVRG	-3.4
Isophorone	1.066	1.045	0.400	AVRG	-2.0
2-Nitrophenol	0.232	0.232	0.100	AVRG	0.0
2,4-Dimethylphenol	0.508	0.497	0.200	AVRG	-2.2
Bis(2-Chloroethoxy)methane	0.588	0.593	0.300	AVRG	0.8
2,4-Dichlorophenol	0.331	0.356	0.200	AVRG	7.6
1,2,4-Trichlorobenzene	0.402	0.386	0.010	AVRG	-4.0
Naphthalene	1.189	1.160	0.700	AVRG	-2.4
Benzoic acid	0.318	0.328	0.010	AVRG	3.1
4-Chloroaniline	0.512	0.512	0.010	AVRG	0.0
Hexachlorobutadiene	0.225	0.223	0.010	AVRG	-0.9
4-Chloro-3-methylphenol	0.419	0.424	0.200	AVRG	1.2
2-Methylnaphthalene	0.648	0.648	0.400	AVRG	0.0
Hexachlorocyclopentadiene	25.00	23.70	0.050	LINR	-5.2
2,4,6-Trichlorophenol	0.427	0.438	0.200	AVRG	2.6
2,4,5-Trichlorophenol	0.437	0.452	0.200	AVRG	3.4
2-Chloronaphthalene	1.332	1.295	0.800	AVRG	-2.8
2-Nitroaniline	0.554	0.573	0.010	AVRG	3.4
Acenaphthylene	1.988	2.031	0.900	AVRG	2.2
Dimethylphthalate	1.459	1.416	0.010	AVRG	-2.9
2,6-Dinitrotoluene	0.317	0.311	0.200	AVRG	-1.9
Acenaphthene	1.254	1.218	0.900	AVRG	-2.9
3-Nitroaniline	0.362	0.362	0.010	AVRG	0.0
2,4-Dinitrophenol	50.00	53.82	0.010	LINR	7.6
Dibenzofuran	1.813	1.740	0.800	AVRG	-4.0

<- Exceeds QC limit of 20% D
* RF less than minimum RF

FORM VII SV-1

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT6 Cont. Calib. Date: 06/15/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1439

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
4-Nitrophenol	0.231	0.222	0.010	AVRG	-3.9
2,4-Dinitrotoluene	0.411	0.407	0.200	AVRG	-1.0
Fluorene	1.482	1.464	0.900	AVRG	-1.2
4-Chlorophenyl-phenylether	0.732	0.736	0.400	AVRG	0.5
Diethylphthalate	1.328	1.323	0.010	AVRG	-0.4
4-Nitroaniline	0.322	0.340	0.010	AVRG	5.6
4,6-Dinitro-2-methylphenol	0.151	0.165	0.010	AVRG	9.3
N-Nitrosodiphenylamine(1)	0.624	0.646	0.010	AVRG	3.5
4-Bromophenyl-phenylether	0.254	0.270	0.100	AVRG	6.3
Hexachlorobenzene	0.259	0.265	0.100	AVRG	2.3
Pentachlorophenol	0.119	0.133	0.050	AVRG	11.8
Phenanthrene	1.270	1.299	0.700	AVRG	2.3
Anthracene	1.287	1.308	0.700	AVRG	1.6
Carbazole	1.058	1.129	0.010	AVRG	6.7
Di-n-butylphthalate	1.265	1.340	0.010	AVRG	5.9
Fluoranthene	1.296	1.362	0.600	AVRG	5.1
Pyrene	1.657	1.662	0.600	AVRG	0.3
Butylbenzylphthalate	0.669	0.682	0.010	AVRG	1.9
Benzo(a)anthracene	1.476	1.459	0.800	AVRG	-1.2
3,3'-Dichlorobenzidine	0.541	0.536	0.010	AVRG	-0.9
Chrysene	1.414	1.391	0.700	AVRG	-1.6
bis(2-Ethylhexyl)phthalate	0.620	0.653	0.010	AVRG	5.3
Di-n-octylphthalate	1.078	1.089	0.010	AVRG	1.0
Benzo(b)fluoranthene	1.449	1.569	0.700	AVRG	8.3
Benzo(k)fluoranthene	1.488	1.444	0.700	AVRG	-3.0
Benzo(a)pyrene	1.312	1.350	0.700	AVRG	2.9
Indeno(1,2,3-cd)pyrene	1.749	1.885	0.500	AVRG	7.8
Dibenzo(a,h)anthracene	1.328	1.501	0.400	AVRG	13.0
Benzo(g,h,i)perylene	1.528	1.829	0.500	AVRG	19.7
N-Nitrosodimethylamine	1.267	1.503	0.010	AVRG	18.6
Aniline	3.033	2.992	0.010	AVRG	-1.4
Benzidine	0.759	0.637	0.010	AVRG	-16.1
Pyridine	2.174	2.546	0.010	AVRG	17.1
1-methylnaphthalene	0.620	0.613	0.010	AVRG	-1.1
Azobenzene (1,2-DP-Hydrazine	2.126	2.143	0.010	AVRG	0.8

(1) Cannot be separated from Diphenylamine
<- Exceeds QC limit of 20% D
* RF less than minimum RF

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT6 Cont. Calib. Date: 06/15/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1439

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
2-Fluorophenol	1.649	1.656	0.010	AVRG	0.4
Phenol-d5	2.214	2.256	0.010	AVRG	1.9
2-Chlorophenol-d4	1.349	1.347	0.010	AVRG	-0.1
1,2-Dichlorobenzene-d4	0.996	0.964	0.010	AVRG	-3.2
Nitrobenzene-d5	0.614	0.588	0.010	AVRG	-4.2
2-Fluorobiphenyl	1.485	1.442	0.010	AVRG	-2.9
2,4,6-Tribromophenol	0.191	0.193	0.010	AVRG	1.0
Terphenyl-d14	1.068	1.030	0.010	AVRG	-3.6

<- Exceeds QC limit of 20% D
* RF less than minimum RF

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i Injection Date: 15-JUN-2009 14:39
Lab File ID: cc0615.d Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Analysis Type: Init. Cal. Times: 10:27 14:21
Lab Sample ID: ABN 25 Quant Type: ISTD
Method: /chem1/nt6.i/20090615.b/SW846.m

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.64888	1.65565	1.65565	0.010	0.41099	20.00000	Averaged
$ 2 Phenol-d5	2.21423	2.25585	2.25585	0.010	1.87953	20.00000	Averaged
3 Phenol	2.39148	2.43326	2.43326	0.800	1.74702	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.34927	1.34696	1.34696	0.010	-0.17110	20.00000	Averaged
4 Bis(2-Chloroethyl)ether	1.80520	1.82406	1.82406	0.700	1.04443	20.00000	Averaged
6 2-Chlorophenol	1.51056	1.49276	1.49276	0.800	-1.17863	20.00000	Averaged
7 1,3-Dichlorobenzene	1.64456	1.63552	1.63552	0.010	-0.55008	20.00000	Averaged
9 1,4-Dichlorobenzene	1.64685	1.65044	1.65044	0.010	0.21807	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.99590	0.96389	0.96389	0.010	-3.21422	20.00000	Averaged
12 1,2-Dichlorobenzene	1.61674	1.55968	1.55968	0.010	-3.52960	20.00000	Averaged
11 Benzyl alcohol	1.11954	1.11202	1.11202	0.010	-0.67154	20.00000	Averaged
14 2,2'-oxybis(1-Chloropropane	2.23629	2.26562	2.26562	0.010	1.31141	20.00000	Averaged
13 2-Methylphenol	1.56616	1.60159	1.60159	0.700	2.26214	20.00000	Averaged
17 Hexachloroethane	0.76126	0.73463	0.73463	0.300	-3.49847	20.00000	Averaged
16 N-Nitroso-di-n-propylamine	1.48460	1.46540	1.46540	0.500	-1.29340	20.00000	Averaged
15 4-Methylphenol	1.60085	1.66498	1.66498	0.600	4.00591	20.00000	Averaged
$ 18 Nitrobenzene-d5	0.61423	0.58765	0.58765	0.010	-4.32786	20.00000	Averaged
19 Nitrobenzene	0.63760	0.61576	0.61576	0.200	-3.42486	20.00000	Averaged
20 Isophorone	1.06632	1.04500	1.04500	0.400	-1.99906	20.00000	Averaged
21 2-Nitrophenol	0.23226	0.23233	0.23233	0.100	0.02981	20.00000	Averaged
22 2,4-Dimethylphenol	0.50838	0.49696	0.49696	0.200	-2.24525	20.00000	Averaged
23 Bis(2-Chloroethoxy)methane	0.58743	0.59261	0.59261	0.300	0.88083	20.00000	Averaged
24 Benzoic acid	0.31769	0.32795	0.32795	0.010	3.22873	20.00000	Averaged
25 2,4-Dichlorophenol	0.33104	0.35555	0.35555	0.200	7.40278	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.40203	0.38618	0.38618	0.010	-3.94096	20.00000	Averaged
28 Naphthalene	1.18895	1.15990	1.15990	0.700	-2.44284	20.00000	Averaged
29 4-Chloroaniline	0.51258	0.51180	0.51180	0.010	-0.15080	20.00000	Averaged
30 Hexachlorobutadiene	0.22490	0.22268	0.22268	0.010	-0.98524	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.41918	0.42353	0.42353	0.200	1.03763	20.00000	Averaged
32 2-Methylnaphthalene	0.64767	0.64833	0.64833	0.400	0.10111	20.00000	Averaged
33 Hexachlorocyclopentadiene	23.69743	25.00000	0.35986	0.050	-5.21030	20.00000	Linear
34 2,4,6-Trichlorophenol	0.42677	0.43846	0.43846	0.200	2.73829	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.43744	0.45208	0.45208	0.200	3.34713	20.00000	Averaged
$ 36 2-Fluorobiphenyl	1.48556	1.44250	1.44250	0.010	-2.89809	20.00000	Averaged
37 2-Chloronaphthalene	1.33131	1.29460	1.29460	0.800	-2.75688	20.00000	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc0615.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20090615.b/SW846.m

Injection Date: 15-JUN-2009 14:39
Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Init. Cal. Times: 10:27 14:21
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.55374	0.57305	0.57305	0.010	3.48671	20.00000	Averaged
39 Dimethylphthalate	1.45908	1.41603	1.41603	0.010	-2.95007	20.00000	Averaged
40 Acenaphthylene	1.98779	2.03112	2.03112	0.900	2.18003	20.00000	Averaged
41 2,6-Dinitrotoluene	0.31721	0.31121	0.31121	0.200	-1.89049	20.00000	Averaged
43 3-Nitroaniline	0.36218	0.36237	0.36237	0.010	0.05133	20.00000	Averaged
44 Acenaphthene	1.25453	1.21760	1.21760	0.900	-2.94356	20.00000	Averaged
45 2,4-Dinitrophenol	53.81752	50.00000	0.16756	0.010	7.63503	20.00000	Linear
46 Dibenzofuran	1.81264	1.73984	1.73984	0.800	-4.01637	20.00000	Averaged
47 4-Nitrophenol	0.23096	0.22259	0.22259	0.010	-3.62371	20.00000	Averaged
48 2,4-Dinitrotoluene	0.41136	0.40696	0.40696	0.200	-1.06903	20.00000	Averaged
50 Diethylphthalate	1.32808	1.32319	1.32319	0.010	-0.36873	20.00000	Averaged
49 Fluorene	1.48268	1.46391	1.46391	0.900	-1.26561	20.00000	Averaged
51 4-Chlorophenyl-phenylether	0.73178	0.73636	0.73636	0.400	0.62602	20.00000	Averaged
52 4-Nitroaniline	0.32184	0.33962	0.33962	0.010	5.52352	20.00000	Averaged
53 4,6-Dinitro-2-methylphenol	0.15061	0.16515	0.16515	0.010	9.64897	20.00000	Averaged
54 N-Nitrosodiphenylamine	0.62399	0.64555	0.64555	0.010	3.45493	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.19070	0.19305	0.19305	0.010	1.23540	20.00000	Averaged
56 4-Bromophenyl-phenylether	0.25435	0.27012	0.27012	0.100	6.19948	20.00000	Averaged
57 Hexachlorobenzene	0.25960	0.26484	0.26484	0.100	2.02035	20.00000	Averaged
58 Pentachlorophenol	0.11855	0.13285	0.13285	0.050	12.06330	20.00000	Averaged
60 Phenanthrene	1.26944	1.29874	1.29874	0.700	2.30780	20.00000	Averaged
61 Anthracene	1.28696	1.30783	1.30783	0.700	1.62176	20.00000	Averaged
62 Carbazole	1.05757	1.12870	1.12870	0.010	6.72560	20.00000	Averaged
63 Di-n-butylphthalate	1.26530	1.33980	1.33980	0.010	5.88756	20.00000	Averaged
64 Fluoranthene	1.29603	1.36217	1.36217	0.600	5.10322	20.00000	Averaged
65 Pyrene	1.65688	1.66196	1.66196	0.600	0.30649	20.00000	Averaged
$ 66 Terphenyl-d14	1.06822	1.03029	1.03029	0.010	-3.55072	20.00000	Averaged
67 Butylbenzylphthalate	0.66913	0.68190	0.68190	0.010	1.90834	20.00000	Averaged
68 Benzo(a)anthracene	1.47614	1.45946	1.45946	0.800	-1.13029	20.00000	Averaged
70 3,3'-Dichlorobenzidine	0.54114	0.53637	0.53637	0.010	-0.88185	20.00000	Averaged
71 Chrysene	1.41342	1.39102	1.39102	0.700	-1.58460	20.00000	Averaged
72 bis(2-Ethylhexyl)phthalate	0.62030	0.65265	0.65265	0.010	5.21496	20.00000	Averaged
73 Di-n-octylphthalate	1.07807	1.08928	1.08928	0.010	1.03957	20.00000	Averaged
74 Benzo(b)fluoranthene	1.44932	1.56868	1.56868	0.700	8.23584	20.00000	Averaged
75 Benzo(k)fluoranthene	1.48861	1.44403	1.44403	0.700	-2.99480	20.00000	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc0615.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20090615.b/SW846.m

Injection Date: 15-JUN-2009 14:39
Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Init. Cal. Times: 10:27 14:21
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Benzo(a)pyrene	1.31197	1.35016	1.35016	0.700	2.91151	20.00000	Averaged	
78 Indeno(1,2,3-cd)pyrene	1.74895	1.88514	1.88514	0.500	7.78696	20.00000	Averaged	
79 Dibenzo(a,h)anthracene	1.32780	1.50087	1.50087	0.400	13.03373	20.00000	Averaged	
80 Benzo(g,h,i)perylene	1.52850	1.82879	1.82879	0.500	19.64631	20.00000	Averaged	
90 N-Nitrosodimethylamine	1.26712	1.50293	1.50293	0.010	18.61011	20.00000	Averaged	
103 Pyridine	2.17356	2.54635	2.54635	0.010	17.15099	20.00000	Averaged	
91 Aniline	3.03313	2.99160	2.99160	0.010	-1.36905	20.00000	Averaged	
105 1-methylnaphthalene	0.62025	0.61332	0.61332	0.010	-1.11671	20.00000	Averaged	
93 Benzidine	0.75925	0.63726	0.63726	0.010	-16.06739	20.00000	Averaged	
111 Azobenzene (1,2-DP-Hydrazin	2.12542	2.14338	2.14338	0.010	0.84497	20.00000	Averaged	
143 1,4-Dioxane	0.85388	0.00179	0.00179	0.010	-100	20.00000	Averaged	<-
$ 137 d8-1,4-Dioxane	0.90996	0.00198	0.00198	0.010	-100	20.00000	Averaged	<-
144 alpha-Terpineol	0.35971	0.35765	0.35765	0.010	-0.57305	20.00000	Averaged	
98 Retene	0.53946	0.53850	0.53850	0.010	-0.17761	20.00000	Averaged	
133 Butylatedhydroxytoluene	1.15351	1.09240	1.09240	0.010	-5.29770	20.00000	Averaged	
115 Tributyl Phosphate	1.19585	1.22353	1.22353	0.010	2.31460	20.00000	Averaged	
116 Dibutyl Phenyl Phosphate	0.62176	0.65081	0.65081	0.010	4.67263	20.00000	Averaged	
117 Butyl Diphenyl Phosphate	0.34951	0.33929	0.33929	0.010	-2.92460	20.00000	Averaged	
118 Triphenyl Phosphate	0.22411	0.22738	0.22738	0.010	1.45788	20.00000	Averaged	
123 Acetophenone	2.18776	2.14794	2.14794	0.010	-1.81977	20.00000	Averaged	
179 n-Decane	1.85815	1.81749	1.81749	0.010	-2.18798	20.00000	Averaged	
180 n-Octadecane	0.64476	0.65001	0.65001	0.010	0.81397	20.00000	Averaged	
168 Pentachlorobenzene	0.53063	0.52180	0.52180	0.010	-1.66389	20.00000	Averaged	
113 Diphenyl Oxide	0.90394	0.87568	0.87568	0.010	-3.12598	20.00000	Averaged	
112 Biphenyl	1.79614	1.76320	1.76320	0.010	-1.83395	20.00000	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/cc0615.d
Lab Smp Id: ABN 25
Inj Date : 15-JUN-2009 14:39
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:40 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
$	1 2-Fluorophenol	112	4.782	4.782	(0.669)	216073	25.0000	25.10 (M)
$	2 Phenol-d5	99	6.534	6.534	(0.914)	294402	25.0000	25.47
	3 Phenol	94	6.550	6.550	(0.916)	317556	25.0000	25.44
$	5 2-Chlorophenol-d4	132	6.555	6.555	(0.917)	175787	25.0000	24.96
	4 Bis(2-Chloroethyl)ether	93	6.555	6.555	(0.917)	238051	25.0000	25.26
	6 2-Chlorophenol	128	6.582	6.582	(0.921)	194814	25.0000	24.71
	7 1,3-Dichlorobenzene	146	6.780	6.780	(0.948)	213445	25.0000	24.86 (M)
*	8 1,4-Dichlorobenzene-d4	152	6.849	6.849	(1.000)	104405	20.0000	(M)
	9 1,4-Dichlorobenzene	146	6.870	6.870	(0.961)	215393	25.0000	25.05 (M)
$	10 1,2-Dichlorobenzene-d4	152	7.148	7.148	(1.000)	125794	25.0000	24.20
	12 1,2-Dichlorobenzene	146	7.169	7.169	(1.003)	203548	25.0000	24.12
	11 Benzyl alcohol	108	7.196	7.196	(1.007)	145126	25.0000	24.83 (M)
	14 2,2'-oxybis(1-Chloropropane)	45	7.458	7.458	(1.043)	295677	25.0000	25.33
	13 2-Methylphenol	108	7.490	7.490	(1.048)	209017	25.0000	25.57 (M)
	17 Hexachloroethane	117	7.661	7.661	(1.072)	95874	25.0000	24.13
	16 N-Nitroso-di-n-propylamine	70	7.682	7.682	(1.075)	191244	25.0000	24.68
	15 4-Methylphenol	108	7.730	7.730	(1.081)	217290	25.0000	26.00
$	18 Nitrobenzene-d5	82	7.810	7.810	(0.866)	261146	25.0000	23.92
	19 Nitrobenzene	77	7.837	7.837	(0.869)	273639	25.0000	24.14
	20 Isophorone	82	8.238	8.238	(0.913)	464391	25.0000	24.50
	21 2-Nitrophenol	139	8.366	8.366	(0.927)	103246	25.0000	25.01
	22 2,4-Dimethylphenol	107	8.558	8.558	(0.948)	220845	25.0000	24.44
	23 Bis(2-Chloroethoxy)methane	93	8.676	8.676	(0.962)	263350	25.0000	25.22
	24 Benzoic acid	105	8.879	8.879	(0.984)	291473	50.0000	51.61 (M)
	25 2,4-Dichlorophenol	162	8.777	8.777	(0.973)	158003	25.0000	26.85
	26 1,2,4-Trichlorobenzene	180	8.873	8.873	(0.983)	171617	25.0000	24.01
*	27 Naphthalene-d8	136	8.916	8.916	(1.000)	355513	20.0000	(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	8.948	8.948	(0.992)	515450	25.0000	24.39
	29 4-Chloroaniline	127	9.130	9.130	(1.012)	227441	25.0000	24.96
	30 Hexachlorobutadiene	225	9.290	9.290	(1.030)	98957	25.0000	24.75
	31 4-Chloro-3-methylphenol	107	10.000	10.000	(1.108)	188214	25.0000	25.26
	32 2-Methylnaphthalene	141	10.070	10.070	(1.116)	288111	25.0000	25.03(H)
	33 Hexachlorocyclopentadiene	237	10.454	10.454	(0.890)	91051	25.0000	23.70
	34 2,4,6-Trichlorophenol	196	10.614	10.614	(0.904)	110939	25.0000	25.68
	35 2,4,5-Trichlorophenol	196	10.673	10.673	(0.909)	114385	25.0000	25.84
$	36 2-Fluorobiphenyl	172	10.732	10.732	(0.914)	364984	25.0000	24.28
	37 2-Chloronaphthalene	162	10.833	10.833	(0.922)	327562	25.0000	24.31
	38 2-Nitroaniline	65	11.095	11.095	(0.945)	144993	25.0000	25.87
	39 Dimethylphthalate	163	11.496	11.496	(0.979)	358286	25.0000	24.26
	40 Acenaphthylene	152	11.496	11.496	(0.979)	513917	25.0000	25.55
	41 2,6-Dinitrotoluene	165	11.576	11.576	(0.985)	78744	25.0000	24.53
*	42 Acenaphthene-d10	164	11.747	11.747	(1.000)	202417	20.0000	
	43 3-Nitroaniline	138	11.773	11.773	(1.002)	91687	25.0000	25.01
	44 Acenaphthene	153	11.800	11.800	(1.005)	308078	25.0000	24.26
	45 2,4-Dinitrophenol	184	11.950	11.950	(1.017)	84792	50.0000	53.82
	46 Dibenzofuran	168	12.062	12.062	(1.027)	440216	25.0000	24.00
	47 4-Nitrophenol	109	12.169	12.169	(1.036)	56319	25.0000	24.09
	48 2,4-Dinitrotoluene	165	12.190	12.190	(1.038)	102970	25.0000	24.73
	50 Diethylphthalate	149	12.649	12.649	(1.077)	334794	25.0000	24.91
	49 Fluorene	166	12.607	12.607	(1.073)	370401	25.0000	24.68
	51 4-Chlorophenyl-phenylether	204	12.665	12.665	(1.078)	186315	25.0000	25.16
	52 4-Nitroaniline	138	12.756	12.756	(1.086)	85931	25.0000	26.38
	53 4,6-Dinitro-2-methylphenol	198	12.836	12.836	(0.912)	130298	50.0000	54.82
	54 N-Nitrosodiphenylamine	169	12.884	12.884	(0.915)	254665	25.0000	25.86
$	55 2,4,6-Tribromophenol	330	13.034	13.034	(1.110)	48847	25.0000	25.31
	56 4-Bromophenyl-phenylether	248	13.429	13.429	(0.954)	106561	25.0000	26.55
	57 Hexachlorobenzene	284	13.621	13.621	(0.967)	104479	25.0000	25.51
	58 Pentachlorophenol	266	13.942	13.942	(0.990)	52410	25.0000	28.02
*	59 Phenanthrene-d10	188	14.081	14.081	(1.000)	315595	20.0000	
	60 Phenanthrene	178	14.118	14.118	(1.003)	512345	25.0000	25.58
	61 Anthracene	178	14.188	14.188	(1.008)	515932	25.0000	25.41
	62 Carbazole	167	14.503	14.503	(1.030)	445265	25.0000	26.68
	63 Di-n-butylphthalate	149	15.277	15.277	(1.085)	528542	25.0000	26.47
	64 Fluoranthene	202	16.025	16.025	(1.138)	537367	25.0000	26.28
	65 Pyrene	202	16.361	16.361	(0.892)	545059	25.0000	25.08
$	66 Terphenyl-d14	244	16.730	16.730	(0.912)	337898	25.0000	24.11
	67 Butylbenzylphthalate	149	17.649	17.649	(0.962)	223639	25.0000	25.48
	68 Benzo(a)anthracene	228	18.311	18.311	(0.999)	478648	25.0000	24.72
*	69 Chrysene-d12	240	18.338	18.338	(1.000)	262370	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.364	18.364	(1.001)	175909	25.0000	24.78
	71 Chrysene	228	18.375	18.375	(1.002)	456203	25.0000	24.60
	72 bis(2-Ethylhexyl)phthalate	149	18.674	18.674	(0.953)	304759	25.0000	26.30
*	134 Di-n-octylphthalate-d4	153	19.603	19.603	(1.000)	373565	20.0000	
	73 Di-n-octylphthalate	149	19.609	19.609	(1.000)	508644	25.0000	25.26

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	19.945	19.945	(0.975)	494240	25.0000	27.06
75	Benzo(k)fluoranthene	252	19.977	19.977	(0.977)	454967	25.0000	24.25
76	Benzo(a)pyrene	252	20.378	20.378	(0.996)	425393	25.0000	25.73
* 77	Perylene-d12	264	20.453	20.453	(1.000)	252054	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	21.799	21.799	(1.066)	593945	25.0000	26.95
79	Dibenzo(a,h)anthracene	278	21.831	21.831	(1.067)	472874	25.0000	28.26
80	Benzo(g,h,i)perylene	276	22.087	22.087	(1.080)	576193	25.0000	29.91
90	N-Nitrosodimethylamine	74	1.930	1.930	(0.270)	196142	25.0000	29.65
103	Pyridine	79	1.914	1.914	(0.268)	332314	25.0000	29.29
91	Aniline	93	6.406	6.406	(0.896)	390423	25.0000	24.66(H)
105	1-methylnaphthalene	141	10.235	10.235	(1.134)	272555	25.0000	24.72
93	Benzidine	184	16.319	16.319	(0.890)	208997	25.0000	20.98
111	Azobenzene (1,2-DP-Hydrazine)	77	12.911	12.911	(1.099)	542321	25.0000	25.21
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
144	alpha-Terpineol	59	9.023	9.023	(1.000)	158938	25.0000	24.86
98	Retene	219	16.960	16.960	(0.925)	176608	25.0000	24.96
133	Butylatedhydroxytoluene	205	11.987	11.987	(1.020)	276401	25.0000	23.68
115	Tributyl Phosphate	99	13.050	13.050	(0.927)	482673	25.0000	25.58
116	Dibutyl Phenyl Phosphate	175	14.727	14.727	(1.046)	256742	25.0000	26.17
117	Butyl Diphenyl Phosphate	94	16.372	16.372	(0.893)	111275	25.0000	24.27
118	Triphenyl Phosphate	326	17.948	17.948	(0.979)	74571	25.0000	25.36
123	Acetophenone	105	7.586	7.586	(1.061)	280320	25.0000	24.55
179	n-Decane	57	6.742	6.742	(0.943)	237194	25.0000	24.45
180	n-Octadecane	57	14.129	14.129	(1.003)	256426	25.0000	25.20
168	Pentachlorobenzene	250	12.105	12.105	(1.030)	132026	25.0000	24.58
113	Diphenyl Oxide	170	11.052	11.052	(0.941)	221566	25.0000	24.22
112	Biphenyl	154	10.855	10.855	(0.924)	446128	25.0000	24.54

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: cc0615.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info:

Calibration Date: 15-JUN-2009
Calibration Time: 14:39

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	104405	-7.10
27 Naphthalene-d8	384492	192246	768984	355513	-7.54
42 Acenaphthene-d10	217478	108739	434956	202417	-6.93
59 Phenanthrene-d10	336594	168297	673188	315595	-6.24
69 Chrysene-d12	247160	123580	494320	262370	6.15
134 Di-n-octylphthala	347036	173518	694072	373565	7.64
77 Perylene-d12	232938	116469	465876	252054	8.21

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.00
27 Naphthalene-d8	8.92	8.42	9.42	8.92	0.00
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.00
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	0.00
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.00
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	0.00
77 Perylene-d12	20.45	19.95	20.95	20.45	0.00

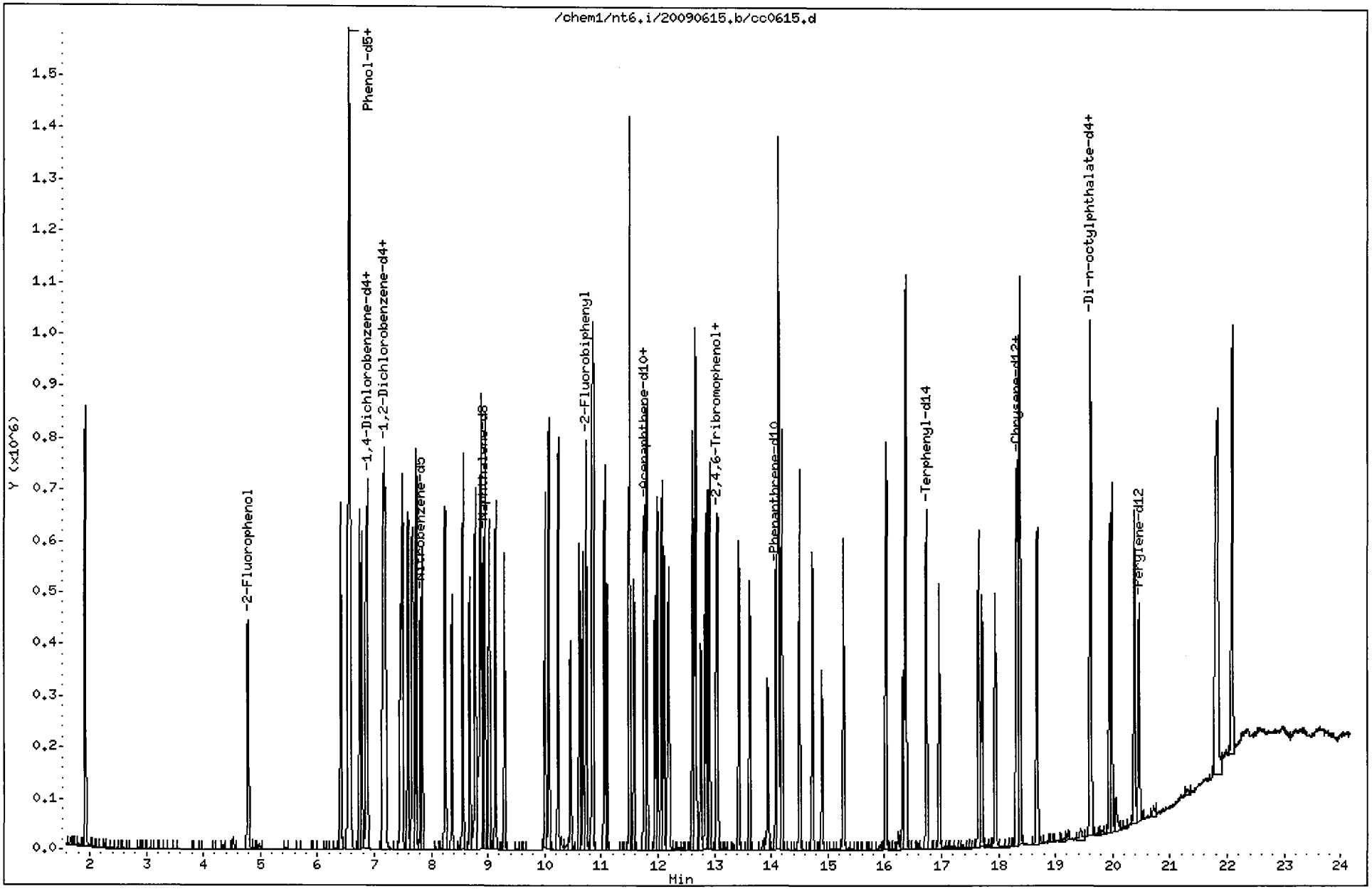
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem1/nt6.i/20090615.b/cc0615.d
Date : 15-JUN-2009 14:39
Client ID:
Sample Info: ABN 25

Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32



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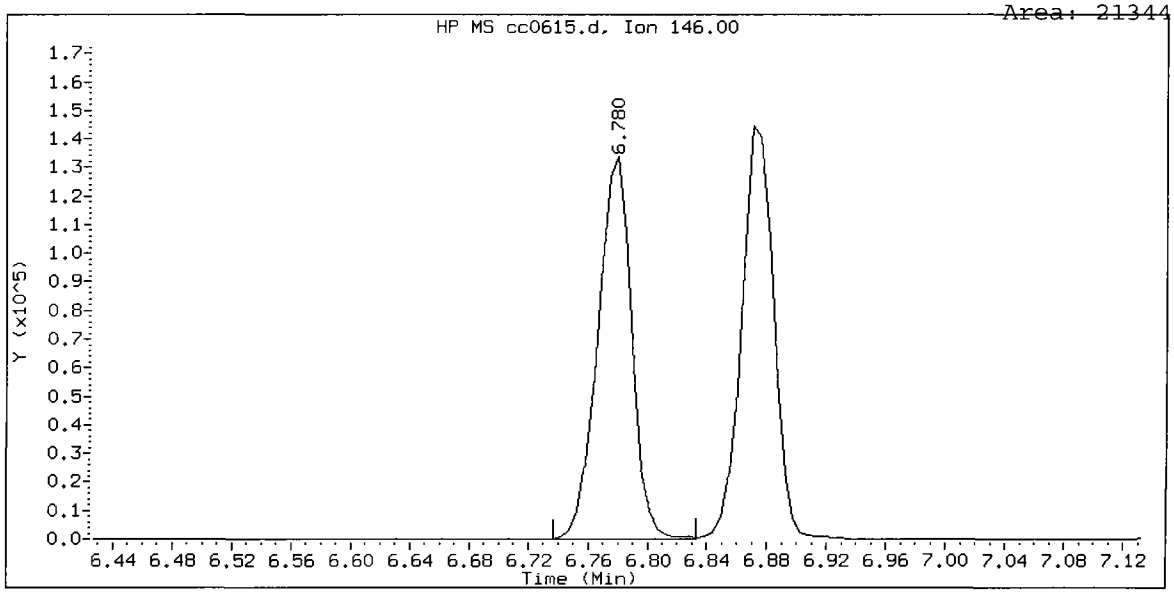
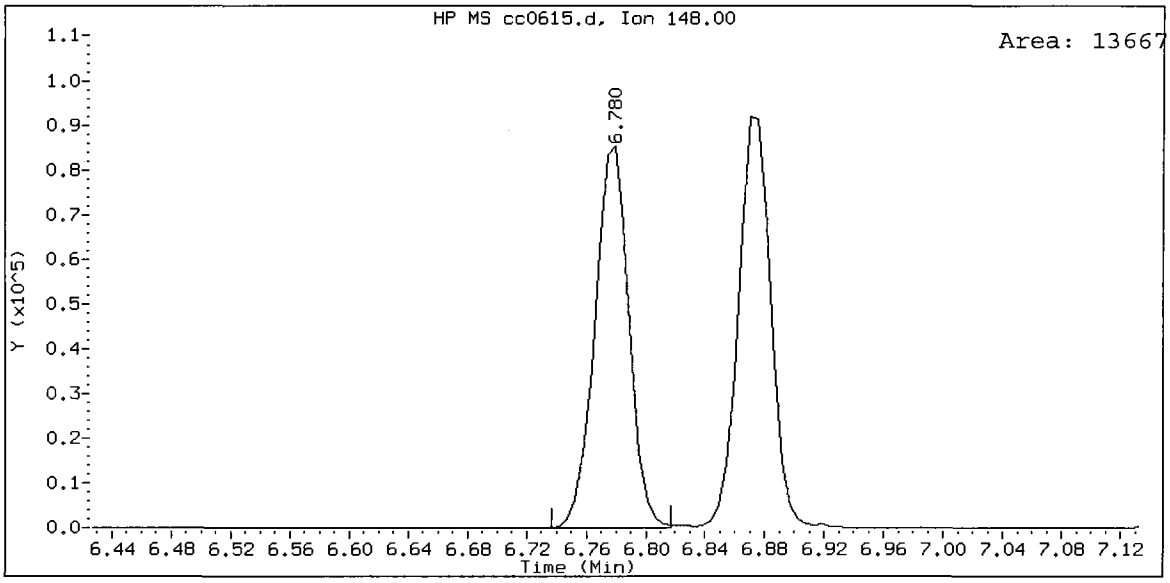
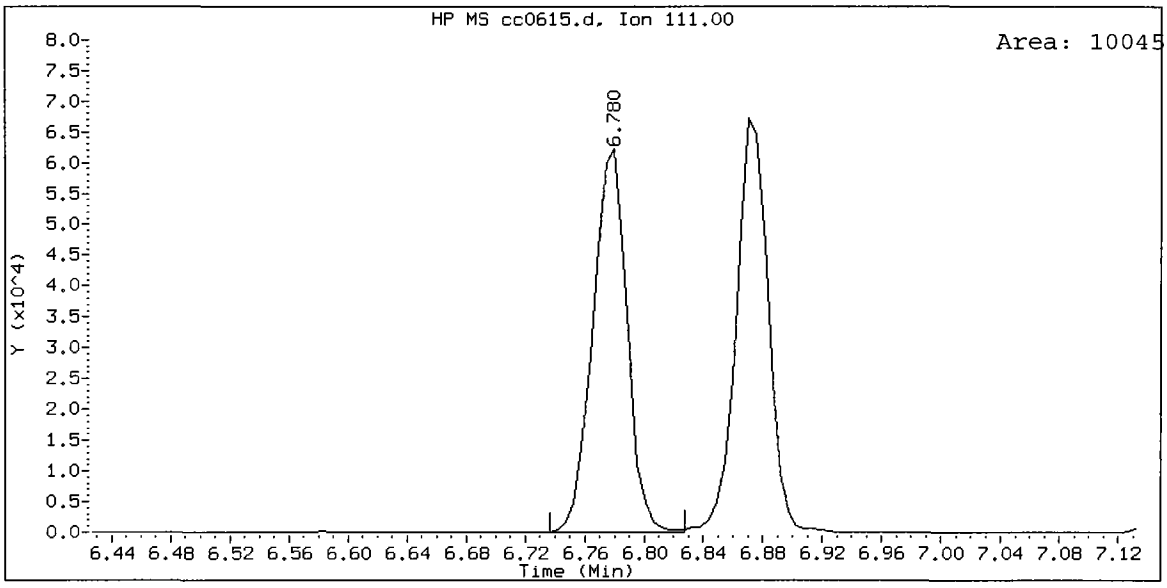
1,3-Dichlorobenzene Amount: 24.86







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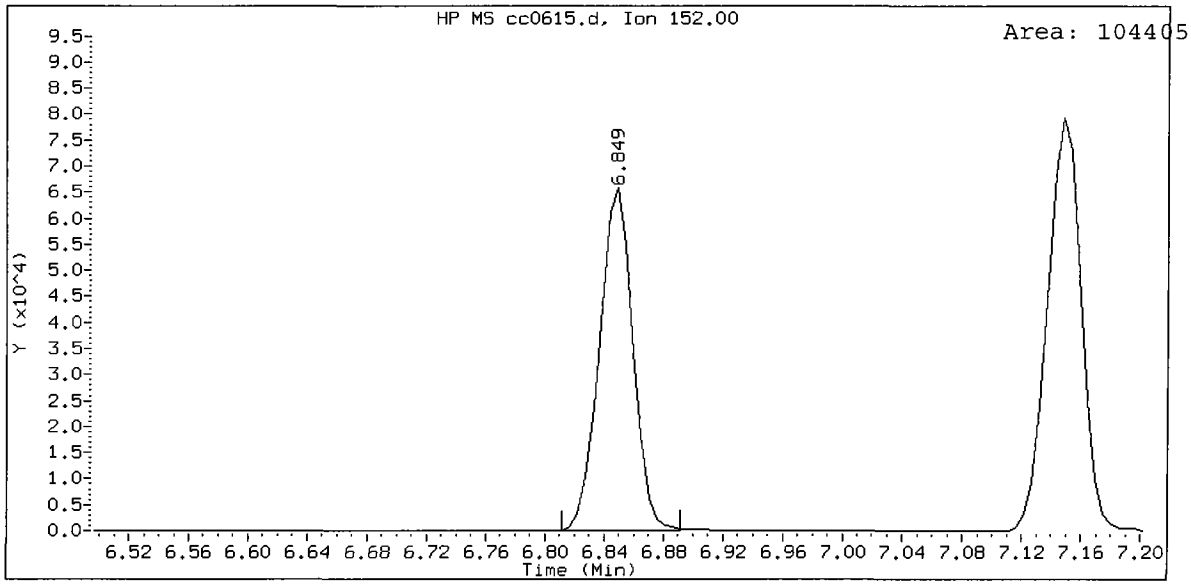
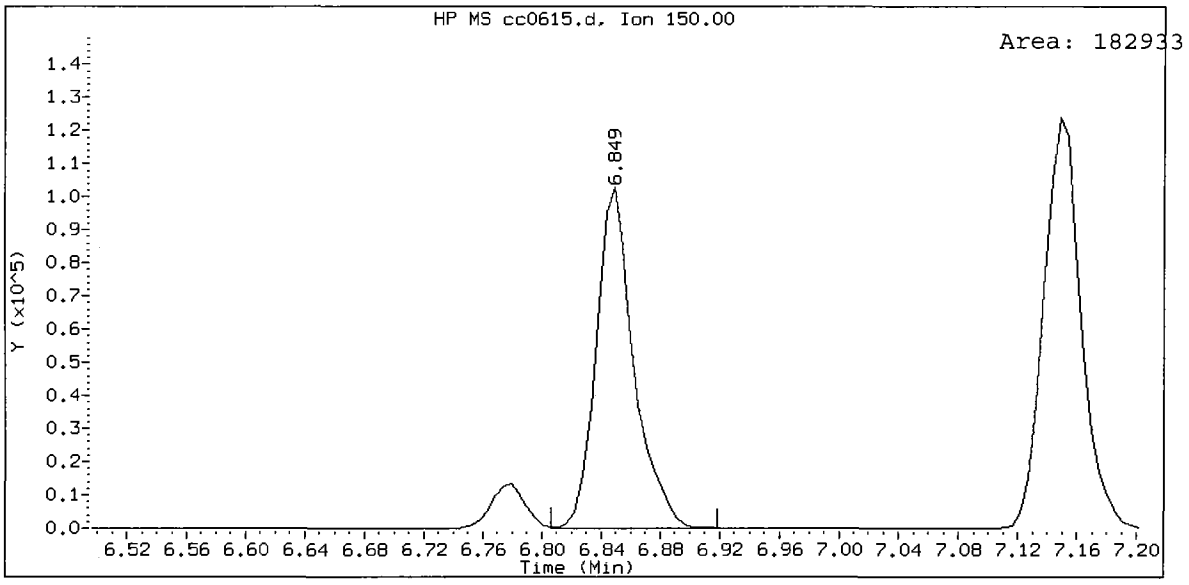
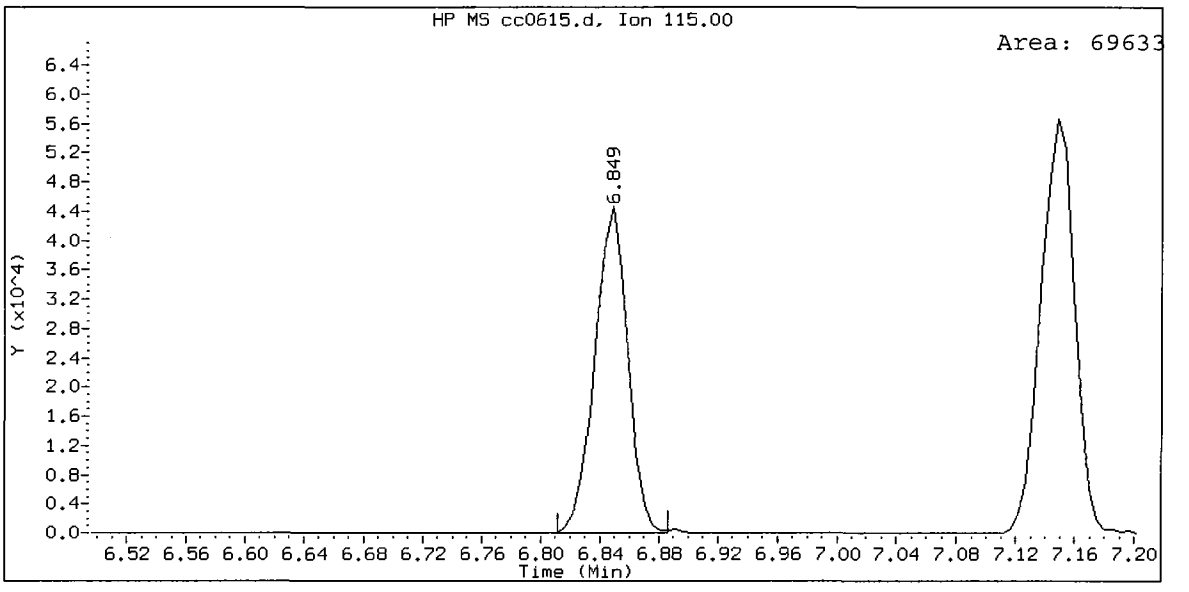
1,4-Dichlorobenzene-d4 Amount: 20.00







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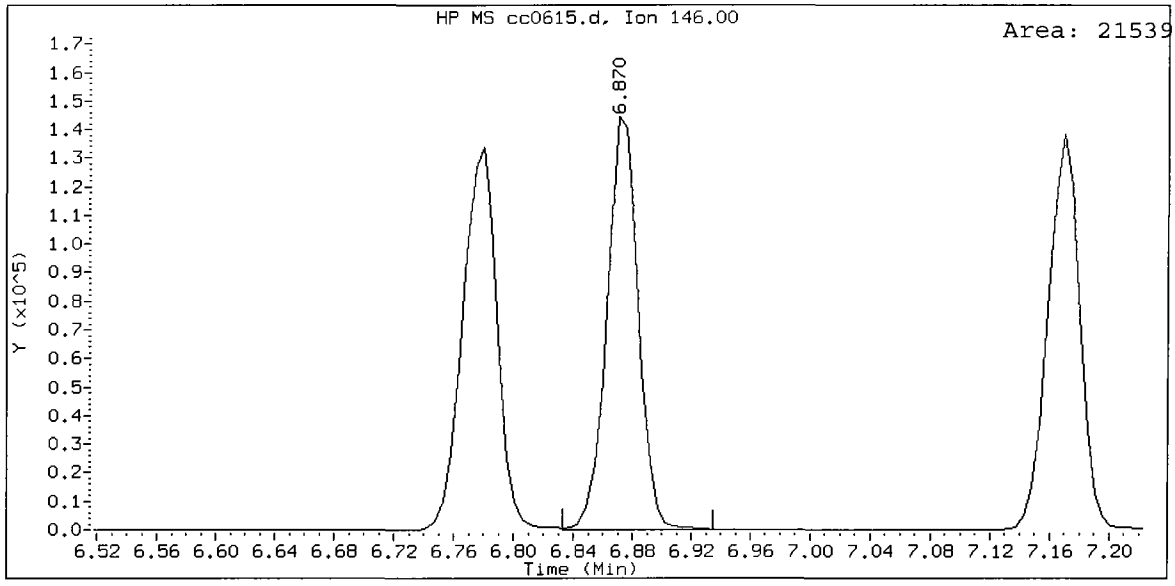
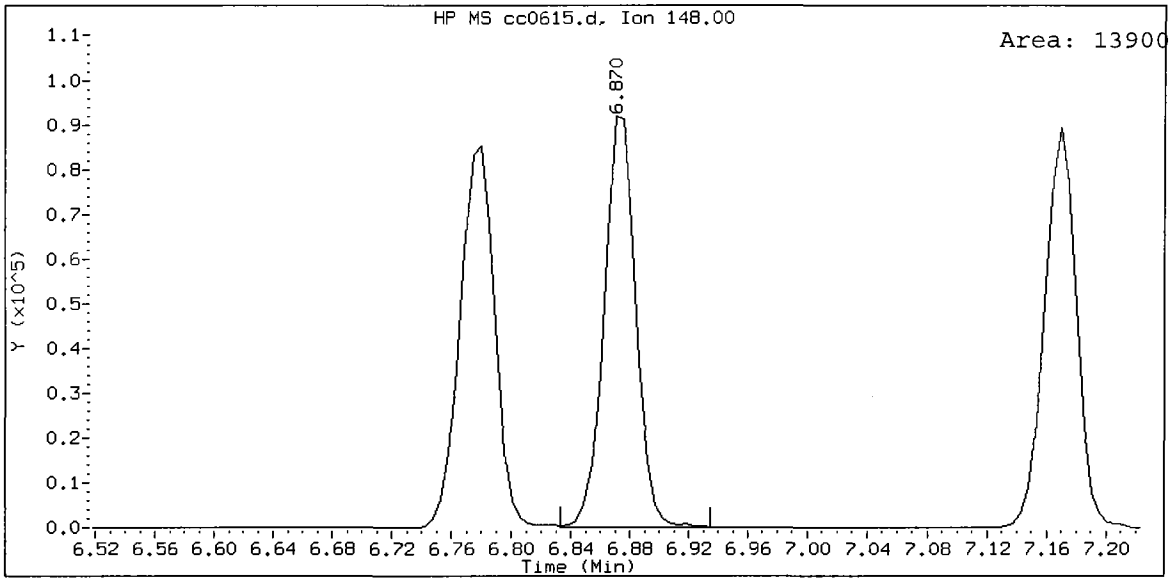
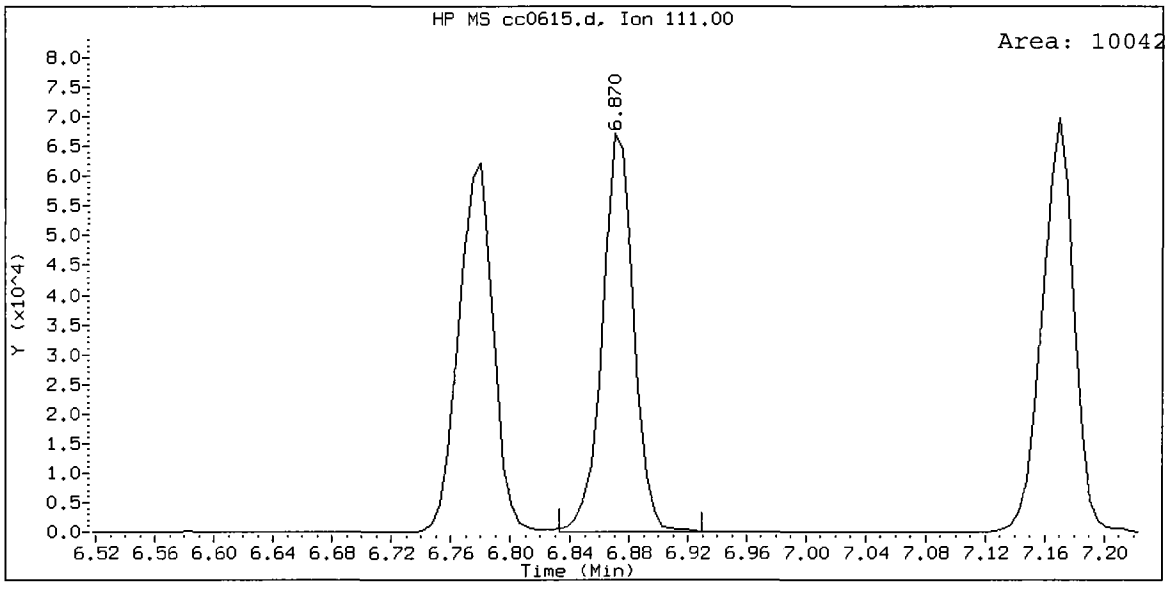
1,4-Dichlorobenzene Amount: 25.05







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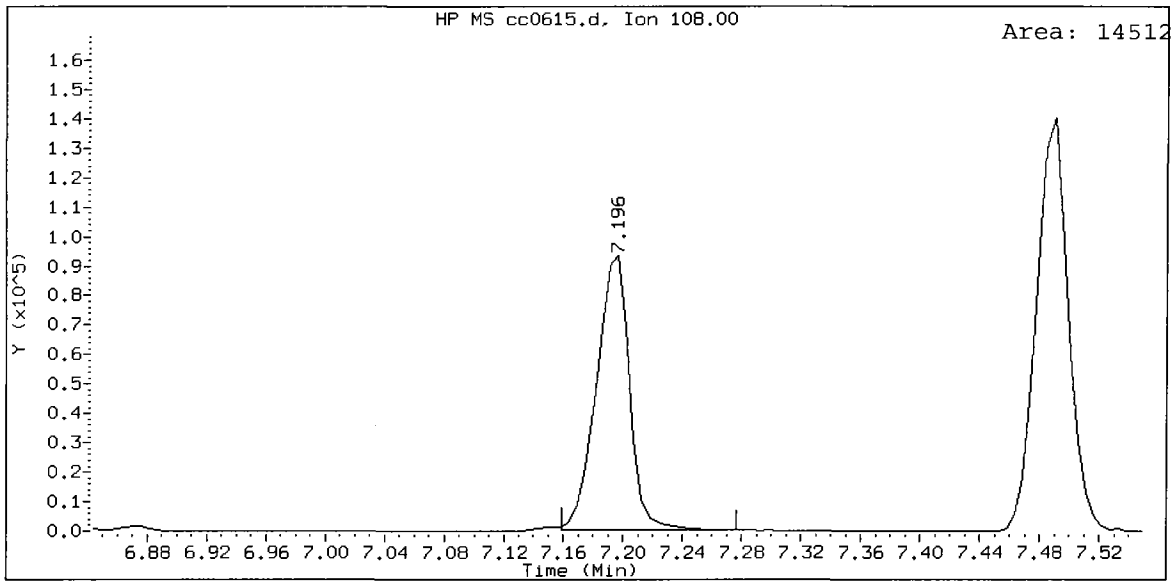
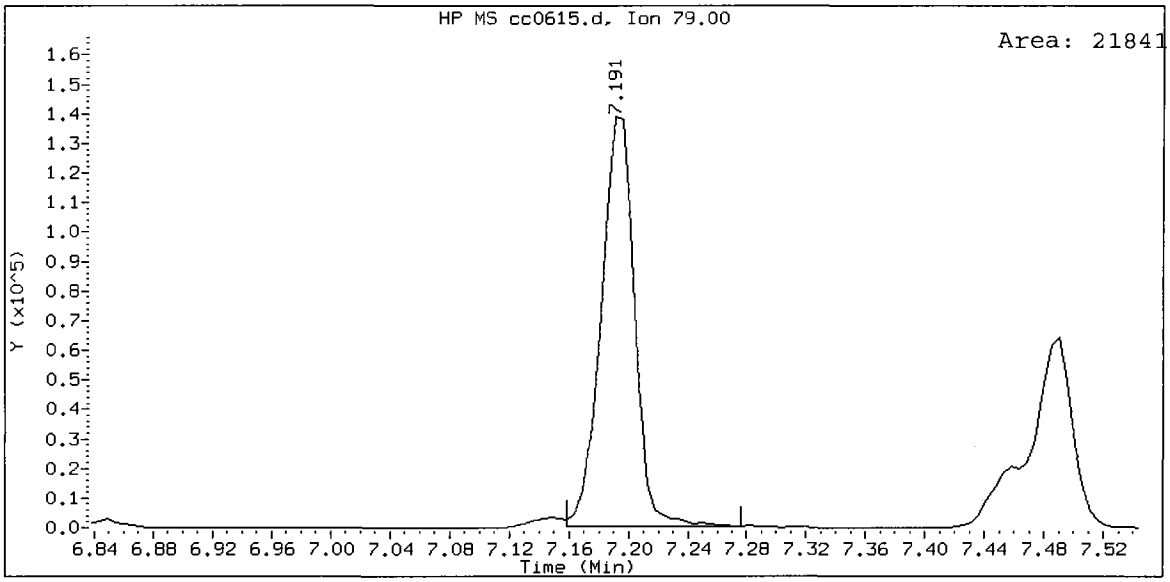
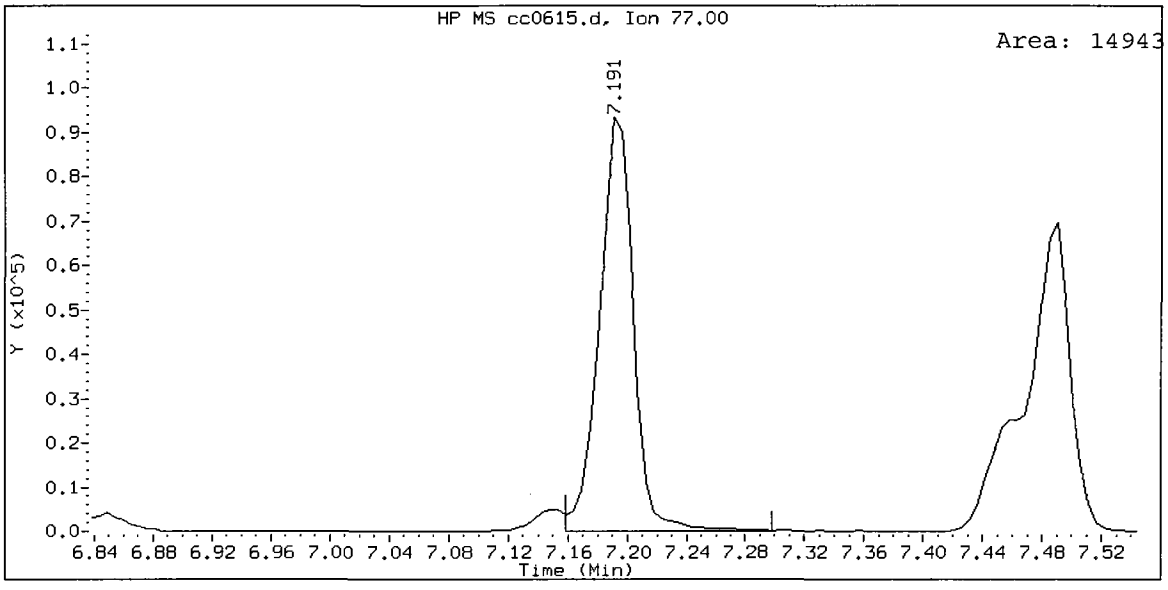
Benzyl alcohol Amount: 24.83







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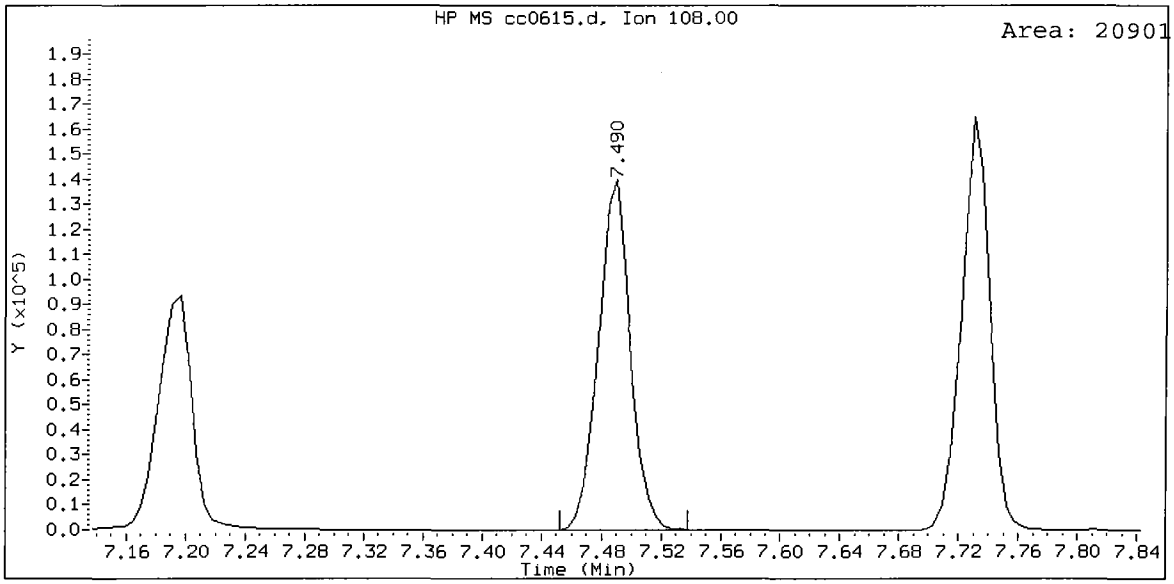
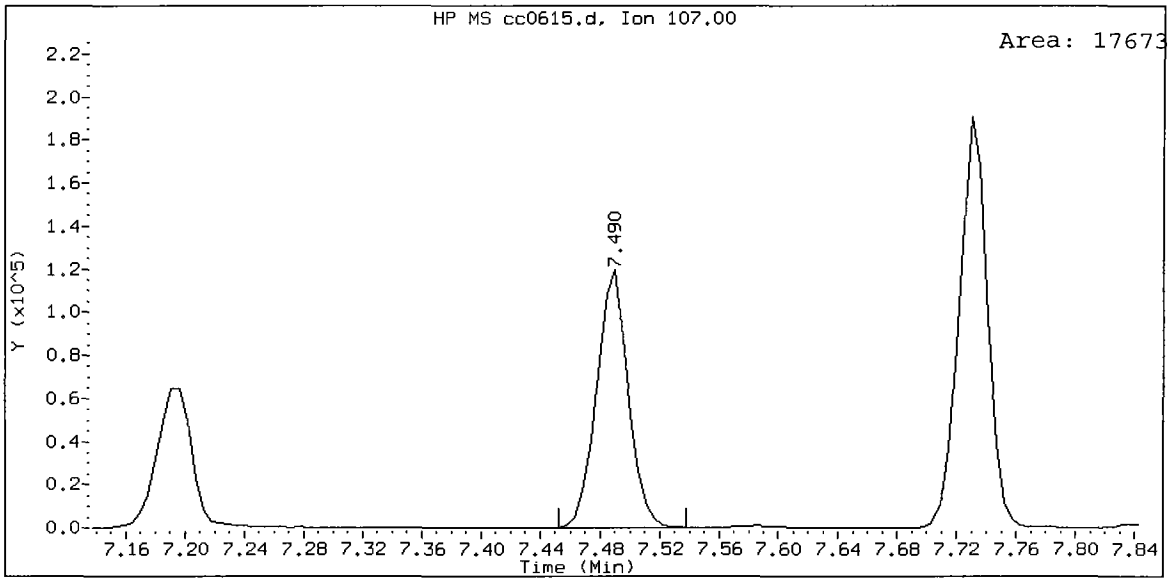
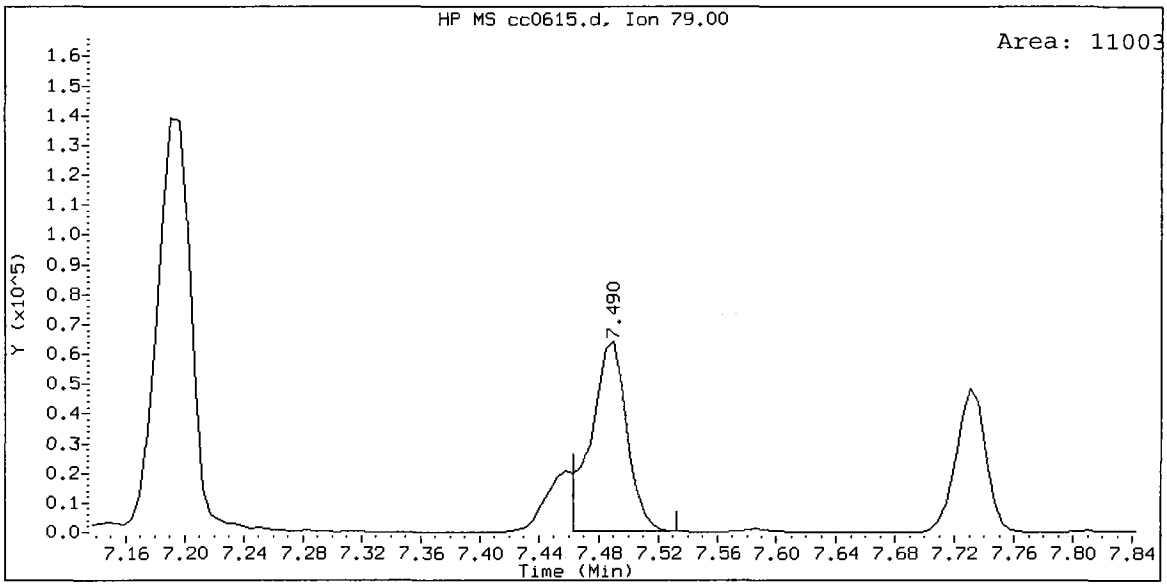
2-Methylphenol Amount: 25.57







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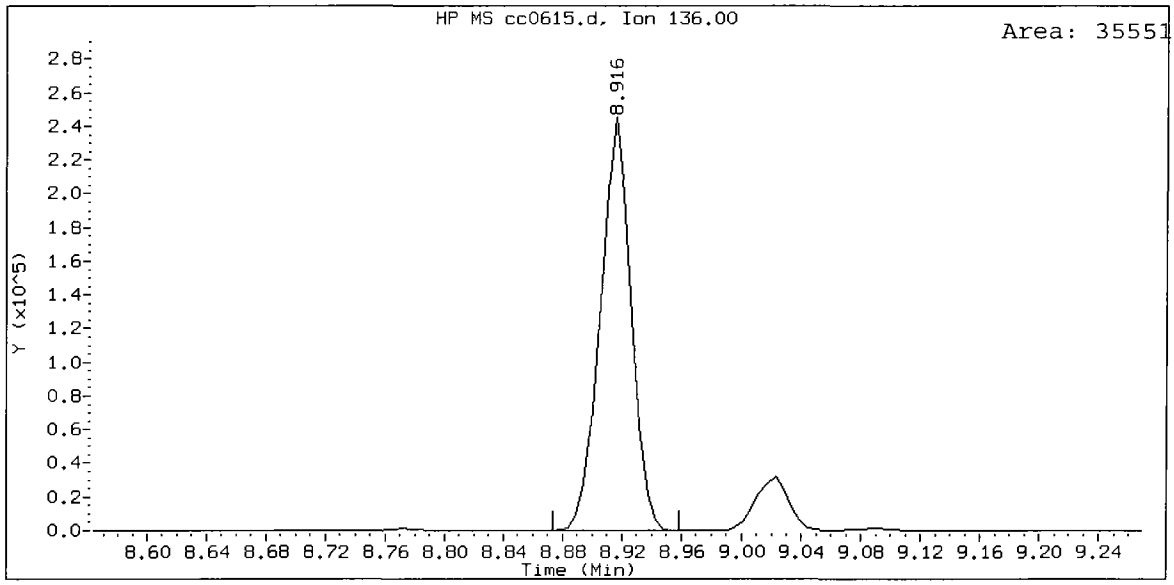
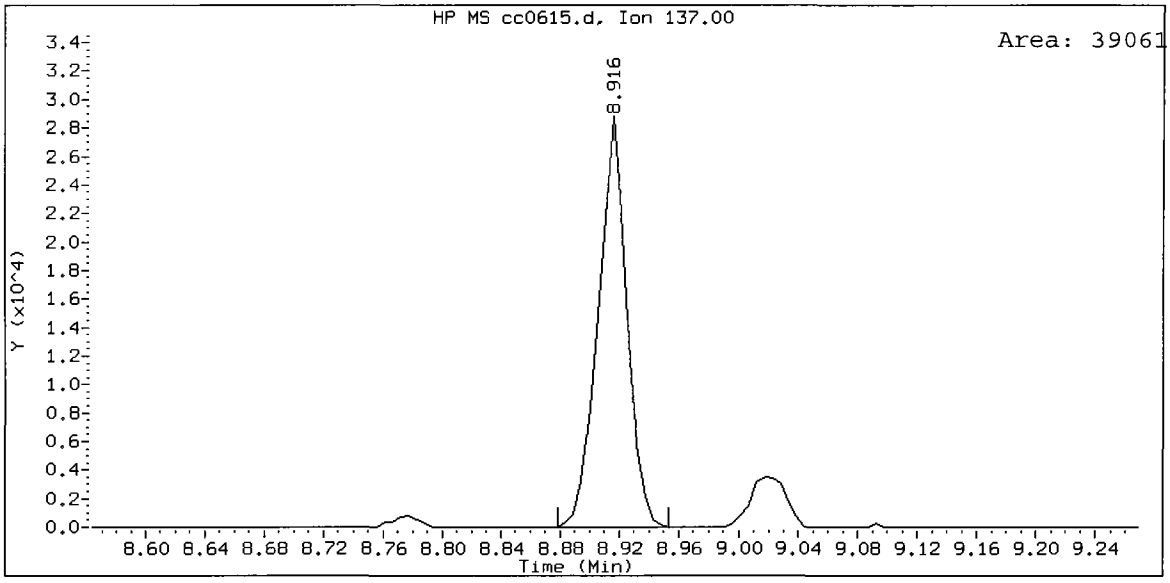
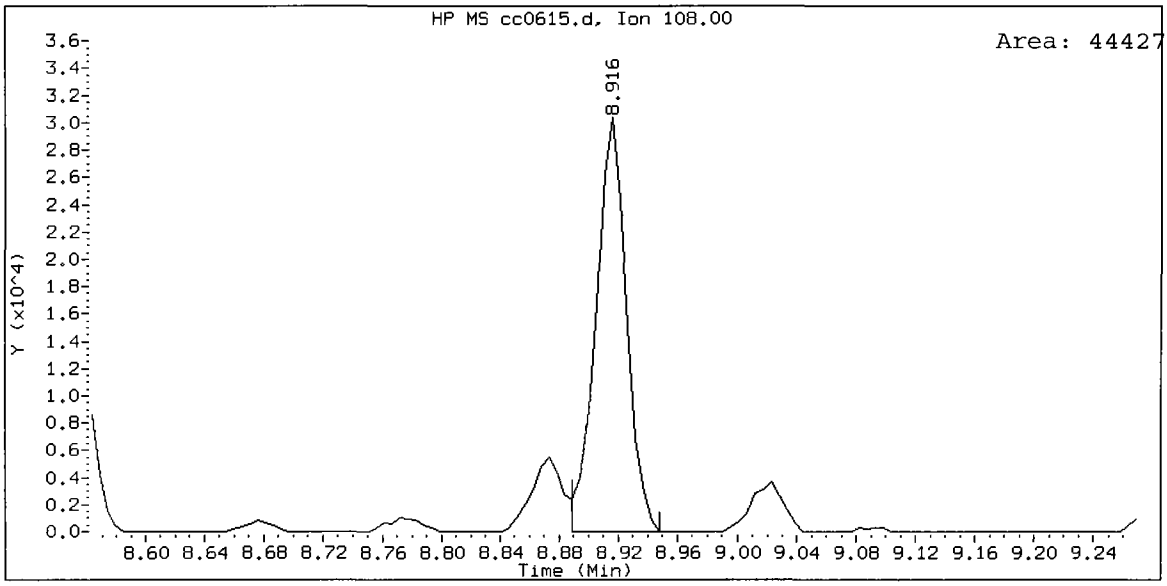
Naphthalene-d8 Amount: 20.00







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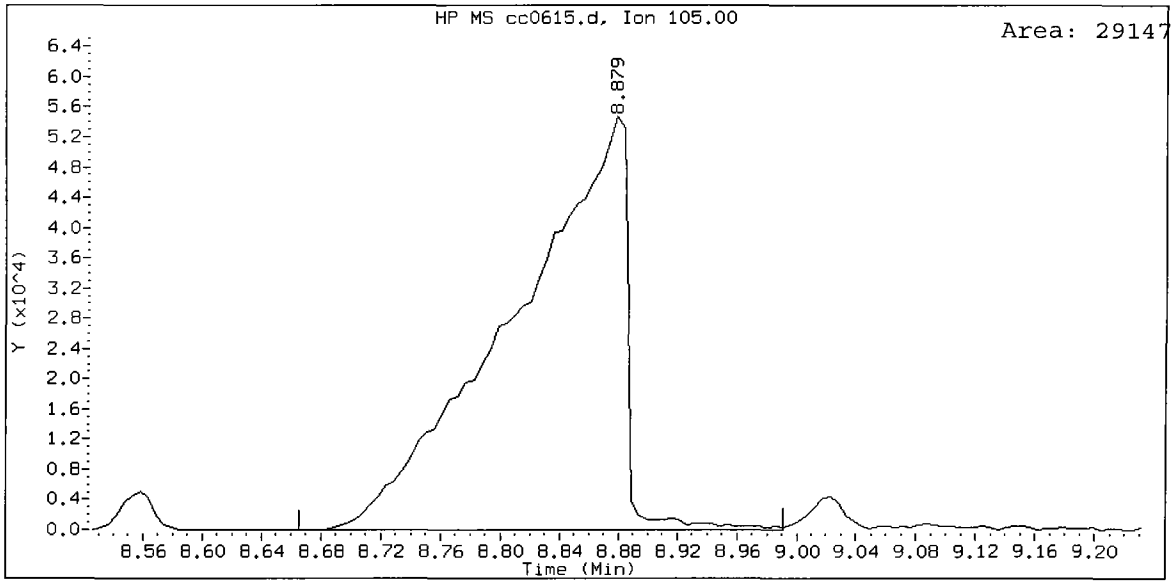
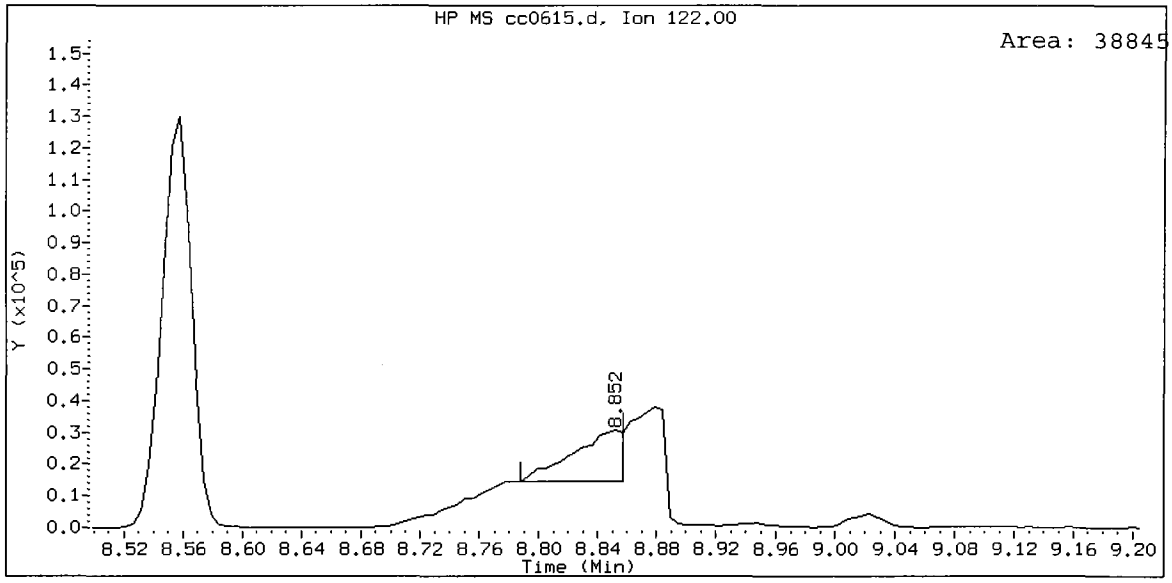
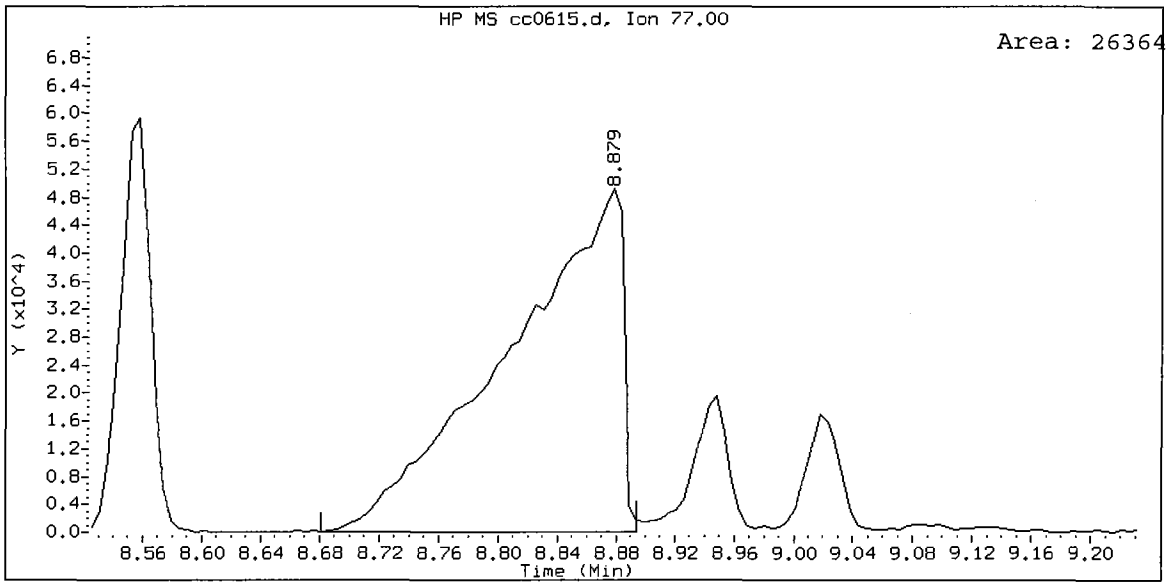
Benzoic acid Amount: 51.61







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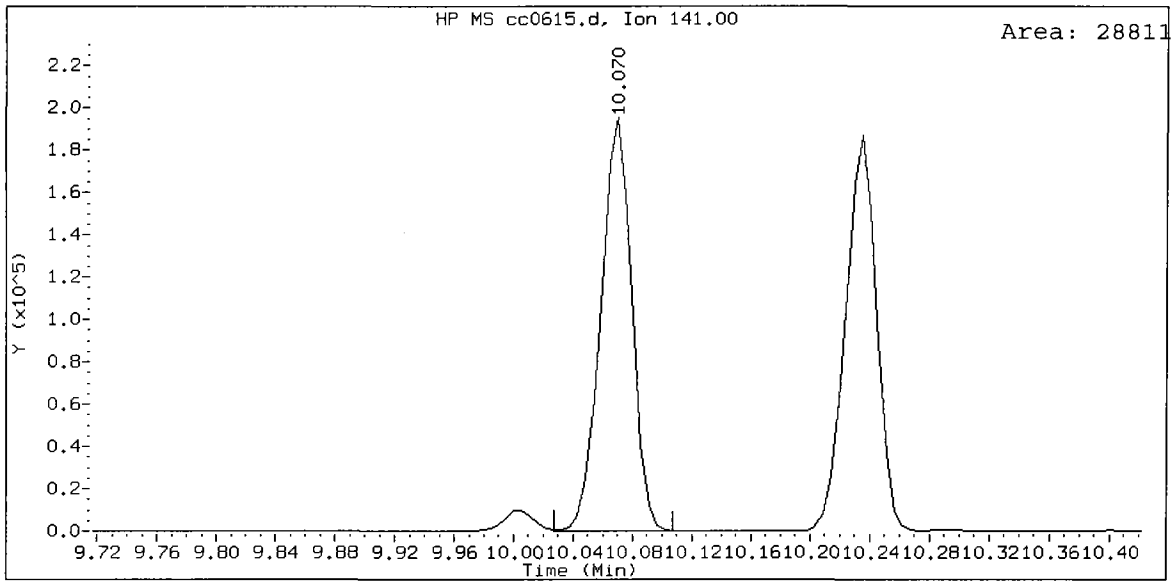
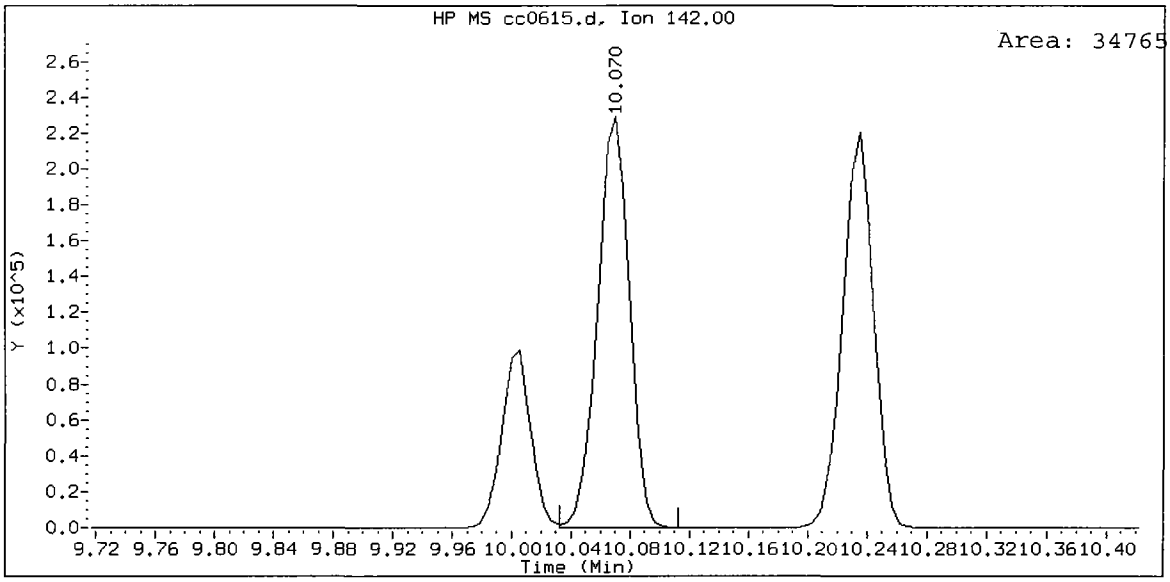
2-Methylnaphthalene Amount: 25.03





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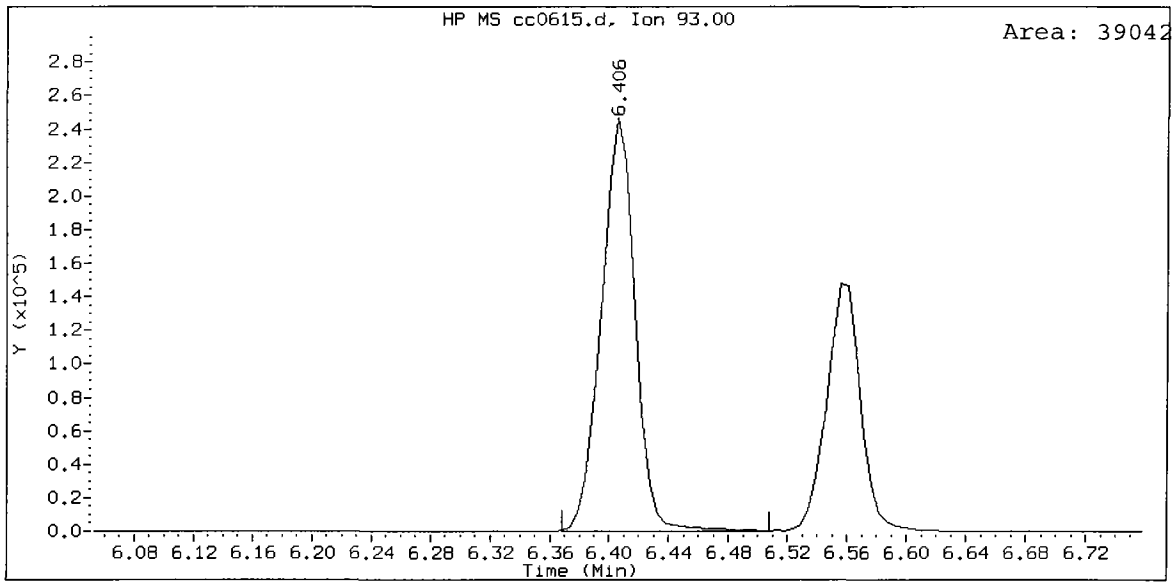
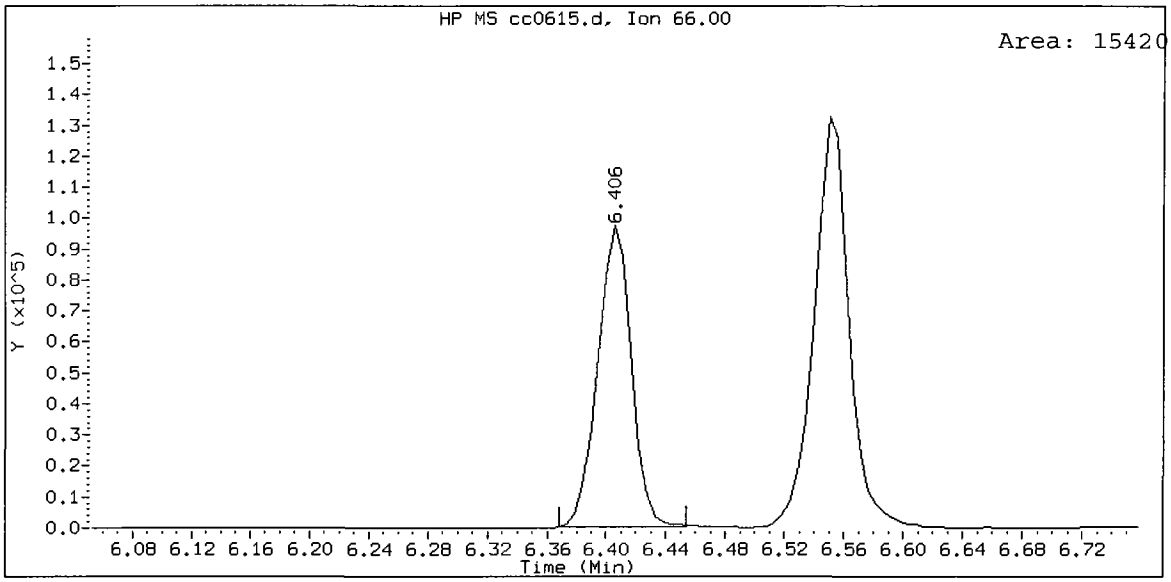
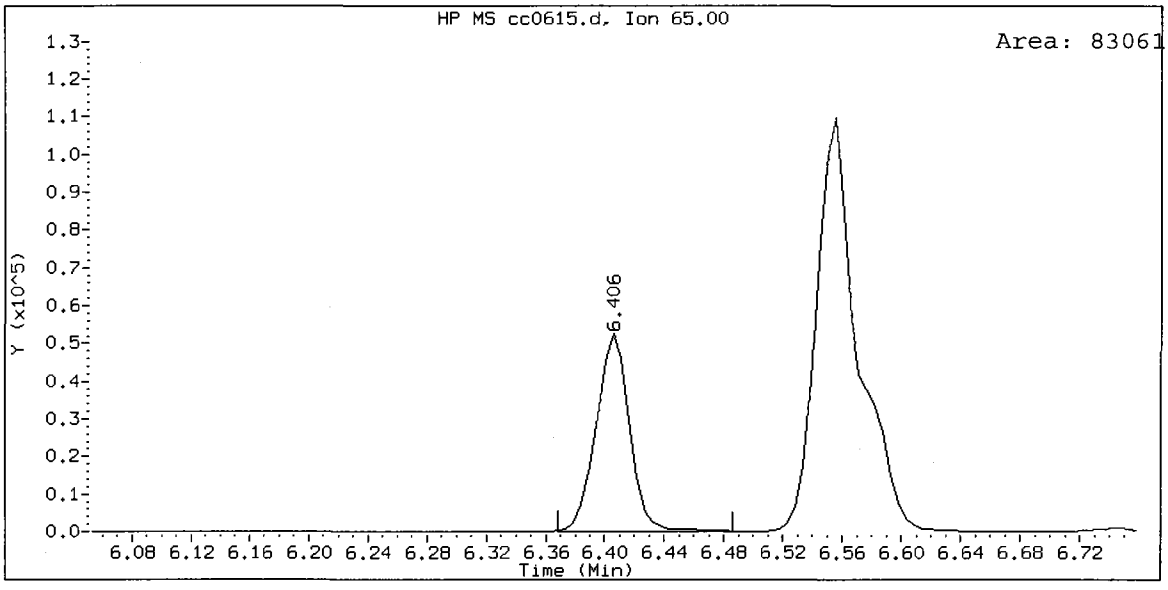
Aniline Amount: 24.66







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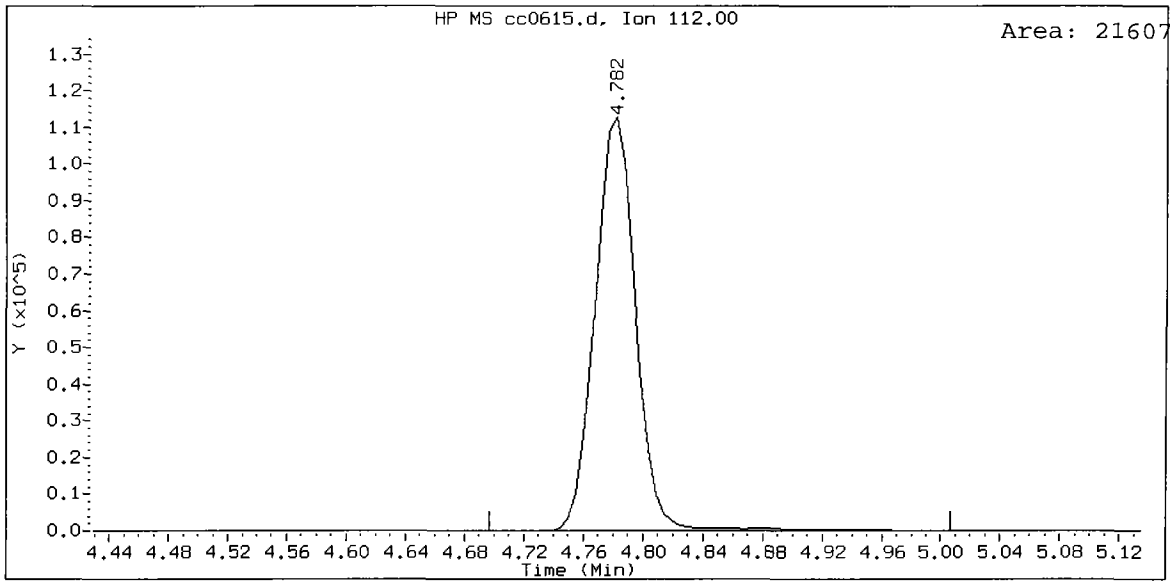
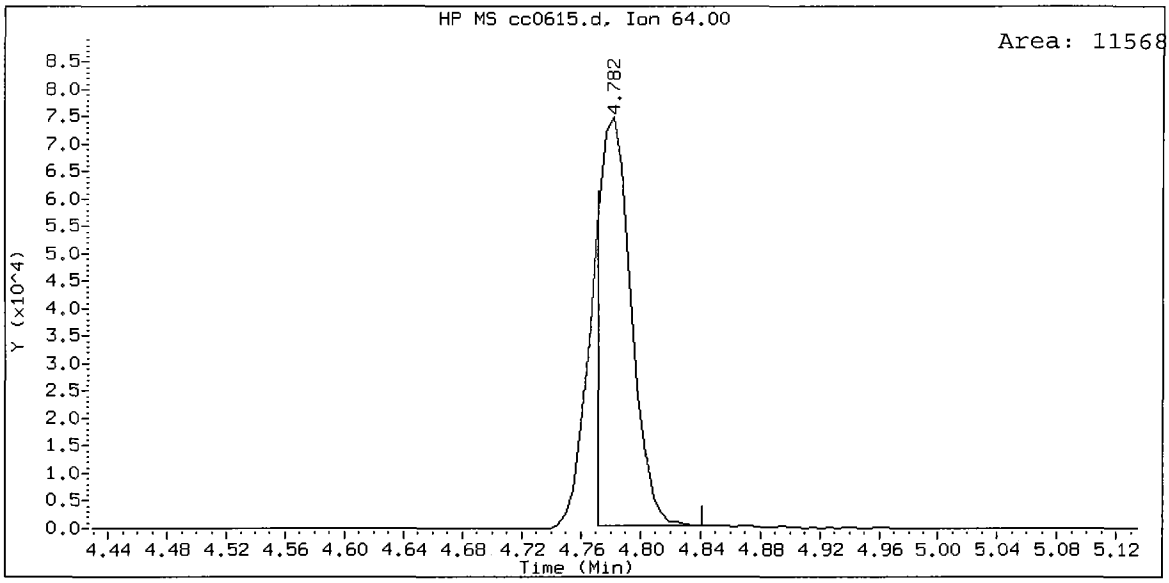
2-Fluorophenol Amount: 25.10





7B

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT6 Cont. Calib. Date: 06/16/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1154

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
Phenol	2.392	2.495	0.800	AVRG	4.3
Bis(2-Chloroethyl)ether	1.805	1.872	0.700	AVRG	3.7
2-Chlorophenol	1.510	1.545	0.800	AVRG	2.3
1,3-Dichlorobenzene	1.644	1.648	0.010	AVRG	0.2
1,4-Dichlorobenzene	1.647	1.667	0.010	AVRG	1.2
1,2-Dichlorobenzene	1.616	1.602	0.010	AVRG	-0.9
Benzyl alcohol	1.120	1.149	0.010	AVRG	2.6
2,2'-oxybis(1-Chloropropane)	2.236	2.331	0.010	AVRG	4.2
2-Methylphenol	1.566	1.641	0.700	AVRG	4.8
Hexachloroethane	0.761	0.748	0.300	AVRG	-1.7
N-Nitroso-di-n-propylamine	1.484	1.537	0.500	AVRG	3.6
4-Methylphenol	1.601	1.721	0.600	AVRG	7.5
Nitrobenzene	0.638	0.607	0.200	AVRG	-4.8
Isophorone	1.066	1.051	0.400	AVRG	-1.4
2-Nitrophenol	0.232	0.230	0.100	AVRG	-0.9
2,4-Dimethylphenol	0.508	0.503	0.200	AVRG	-1.0
Bis(2-Chloroethoxy)methane	0.588	0.592	0.300	AVRG	0.7
2,4-Dichlorophenol	0.331	0.351	0.200	AVRG	6.0
1,2,4-Trichlorobenzene	0.402	0.380	0.010	AVRG	-5.5
Naphthalene	1.189	1.159	0.700	AVRG	-2.5
Benzoic acid	0.318	0.324	0.010	AVRG	1.9
4-Chloroaniline	0.512	0.512	0.010	AVRG	0.0
Hexachlorobutadiene	0.225	0.223	0.010	AVRG	-0.9
4-Chloro-3-methylphenol	0.419	0.432	0.200	AVRG	3.1
2-Methylnaphthalene	0.648	0.648	0.400	AVRG	0.0
Hexachlorocyclopentadiene	25.00	22.29	0.050	LINR	-10.8
2,4,6-Trichlorophenol	0.427	0.438	0.200	AVRG	2.6
2,4,5-Trichlorophenol	0.437	0.457	0.200	AVRG	4.6
2-Chloronaphthalene	1.332	1.289	0.800	AVRG	-3.2
2-Nitroaniline	0.554	0.588	0.010	AVRG	6.1
Acenaphthylene	1.988	2.048	0.900	AVRG	3.0
Dimethylphthalate	1.459	1.428	0.010	AVRG	-2.1
2,6-Dinitrotoluene	0.317	0.320	0.200	AVRG	0.9
Acenaphthene	1.254	1.221	0.900	AVRG	-2.6
3-Nitroaniline	0.362	0.372	0.010	AVRG	2.8
2,4-Dinitrophenol	50.00	47.72	0.010	LINR	-4.6
Dibenzofuran	1.813	1.779	0.800	AVRG	-1.9

<- Exceeds QC limit of 20% D
* RF less than minimum RF

FORM VII SV-1

7C

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT6 Cont. Calib. Date: 06/16/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1154

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
4-Nitrophenol	0.231	0.228	0.010	AVRG	-1.3
2,4-Dinitrotoluene	0.411	0.424	0.200	AVRG	3.2
Fluorene	1.482	1.505	0.900	AVRG	1.6
4-Chlorophenyl-phenylether	0.732	0.751	0.400	AVRG	2.6
Diethylphthalate	1.328	1.380	0.010	AVRG	3.9
4-Nitroaniline	0.322	0.354	0.010	AVRG	9.9
4,6-Dinitro-2-methylphenol	0.151	0.150	0.010	AVRG	-0.7
N-Nitrosodiphenylamine(1)	0.624	0.652	0.010	AVRG	4.5
4-Bromophenyl-phenylether	0.254	0.264	0.100	AVRG	3.9
Hexachlorobenzene	0.259	0.261	0.100	AVRG	0.8
Pentachlorophenol	0.119	0.130	0.050	AVRG	9.2
Phenanthrene	1.270	1.278	0.700	AVRG	0.6
Anthracene	1.287	1.299	0.700	AVRG	0.9
Carbazole	1.058	1.137	0.010	AVRG	7.5
Di-n-butylphthalate	1.265	1.366	0.010	AVRG	8.0
Fluoranthene	1.296	1.382	0.600	AVRG	6.6
Pyrene	1.657	1.690	0.600	AVRG	2.0
Butylbenzylphthalate	0.669	0.697	0.010	AVRG	4.2
Benzo(a)anthracene	1.476	1.452	0.800	AVRG	-1.6
3,3'-Dichlorobenzidine	0.541	0.539	0.010	AVRG	-0.4
Chrysene	1.414	1.414	0.700	AVRG	0.0
bis(2-Ethylhexyl)phthalate	0.620	0.670	0.010	AVRG	8.1
Di-n-octylphthalate	1.078	1.104	0.010	AVRG	2.4
Benzo(b)fluoranthene	1.449	1.512	0.700	AVRG	4.3
Benzo(k)fluoranthene	1.488	1.645	0.700	AVRG	10.6
Benzo(a)pyrene	1.312	1.355	0.700	AVRG	3.3
Indeno(1,2,3-cd)pyrene	1.749	1.621	0.500	AVRG	-7.3
Dibenzo(a,h)anthracene	1.328	1.276	0.400	AVRG	-3.9
Benzo(g,h,i)perylene	1.528	1.428	0.500	AVRG	-6.5
N-Nitrosodimethylamine	1.267	1.496	0.010	AVRG	18.1
Aniline	3.033	3.052	0.010	AVRG	0.6
Benzidine	0.759	0.617	0.010	AVRG	-18.7
Pyridine	2.174	2.551	0.010	AVRG	17.3
1-methylnaphthalene	0.620	0.612	0.010	AVRG	-1.3
Azobenzene (1,2-DP-Hydrazine	2.126	2.216	0.010	AVRG	4.2

(1) Cannot be separated from Diphenylamine

<- Exceeds QC limit of 20% D

* RF less than minimum RF

FORM VII SV-2

7C

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT6 Cont. Calib. Date: 06/16/09

Init. Calib. Date: 06/11/09 Cont. Calib. Time: 1154

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
2-Fluorophenol	1.649	1.643	0.010	AVRG	-0.4
Phenol-d5	2.214	2.382	0.010	AVRG	7.6
2-Chlorophenol-d4	1.349	1.388	0.010	AVRG	2.9
1,2-Dichlorobenzene-d4	0.996	0.978	0.010	AVRG	-1.8
Nitrobenzene-d5	0.614	0.578	0.010	AVRG	-5.9
2-Fluorobiphenyl	1.485	1.446	0.010	AVRG	-2.6
2,4,6-Tribromophenol	0.191	0.196	0.010	AVRG	2.6
Terphenyl-d14	1.068	1.081	0.010	AVRG	1.2

<- Exceeds QC limit of 20% D
* RF less than minimum RF

FORM VII SV-3

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc0616.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20090616.b/SW846.m

Injection Date: 16-JUN-2009 11:54
Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Init. Cal. Times: 10:27 14:21
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.64888	1.64322	1.64322	0.010	-0.34313	20.00000	Averaged
$ 2 Phenol-d5	2.21423	2.38176	2.38176	0.010	7.56599	20.00000	Averaged
3 Phenol	2.39148	2.49543	2.49543	0.800	4.34666	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.34927	1.38812	1.38812	0.010	2.87940	20.00000	Averaged
4 Bis(2-Chloroethyl)ether	1.80520	1.87162	1.87162	0.700	3.67902	20.00000	Averaged
6 2-Chlorophenol	1.51056	1.54517	1.54517	0.800	2.29095	20.00000	Averaged
7 1,3-Dichlorobenzene	1.64456	1.64837	1.64837	0.010	0.23128	20.00000	Averaged
9 1,4-Dichlorobenzene	1.64685	1.66733	1.66733	0.010	1.24371	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.99590	0.97798	0.97798	0.010	-1.79952	20.00000	Averaged
12 1,2-Dichlorobenzene	1.61674	1.60254	1.60254	0.010	-0.87838	20.00000	Averaged
11 Benzyl alcohol	1.11954	1.14922	1.14922	0.010	2.65055	20.00000	Averaged
14 2,2'-oxybis(1-Chloropropane	2.23629	2.33062	2.33062	0.010	4.21829	20.00000	Averaged
13 2-Methylphenol	1.56616	1.64135	1.64135	0.700	4.80084	20.00000	Averaged
17 Hexachloroethane	0.76126	0.74806	0.74806	0.300	-1.73391	20.00000	Averaged
16 N-Nitroso-di-n-propylamine	1.48460	1.53748	1.53748	0.500	3.56137	20.00000	Averaged
15 4-Methylphenol	1.60085	1.72109	1.72109	0.600	7.51089	20.00000	Averaged
$ 18 Nitrobenzene-d5	0.61423	0.57818	0.57818	0.010	-5.86951	20.00000	Averaged
19 Nitrobenzene	0.63760	0.60745	0.60745	0.200	-4.72840	20.00000	Averaged
20 Isophorone	1.06632	1.05126	1.05126	0.400	-1.41220	20.00000	Averaged
21 2-Nitrophenol	0.23226	0.23033	0.23033	0.100	-0.83096	20.00000	Averaged
22 2,4-Dimethylphenol	0.50838	0.50318	0.50318	0.200	-1.02246	20.00000	Averaged
23 Bis(2-Chloroethoxy)methane	0.58743	0.59190	0.59190	0.300	0.75953	20.00000	Averaged
24 Benzoic acid	0.31769	0.32359	0.32359	0.010	1.85703	20.00000	Averaged
25 2,4-Dichlorophenol	0.33104	0.35074	0.35074	0.200	5.94883	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.40203	0.38037	0.38037	0.010	-5.38801	20.00000	Averaged
28 Naphthalene	1.18895	1.15868	1.15868	0.700	-2.54597	20.00000	Averaged
29 4-Chloroaniline	0.51258	0.51165	0.51165	0.010	-0.18073	20.00000	Averaged
30 Hexachlorobutadiene	0.22490	0.22347	0.22347	0.010	-0.63505	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.41918	0.43239	0.43239	0.200	3.15145	20.00000	Averaged
32 2-Methylnaphthalene	0.64767	0.64837	0.64837	0.400	0.10731	20.00000	Averaged
33 Hexachlorocyclopentadiene	22.29311	25.00000	0.33853	0.050	-10.82757	20.00000	Linear
34 2,4,6-Trichlorophenol	0.42677	0.43840	0.43840	0.200	2.72388	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.43744	0.45684	0.45684	0.200	4.43645	20.00000	Averaged
$ 36 2-Fluorobiphenyl	1.48556	1.44560	1.44560	0.010	-2.68944	20.00000	Averaged
37 2-Chloronaphthalene	1.33131	1.28862	1.28862	0.800	-3.20638	20.00000	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc0616.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20090616.b/SW846.m

Injection Date: 16-JUN-2009 11:54
Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Init. Cal. Times: 10:27 14:21
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.55374	0.58833	0.58833	0.010	6.24705	20.00000	Averaged
39 Dimethylphthalate	1.45908	1.42846	1.42846	0.010	-2.09813	20.00000	Averaged
40 Acenaphthylene	1.98779	2.04818	2.04818	0.900	3.03799	20.00000	Averaged
41 2,6-Dinitrotoluene	0.31721	0.32027	0.32027	0.200	0.96287	20.00000	Averaged
43 3-Nitroaniline	0.36218	0.37196	0.37196	0.010	2.69980	20.00000	Averaged
44 Acenaphthene	1.25453	1.22071	1.22071	0.900	-2.69560	20.00000	Averaged
45 2,4-Dinitrophenol	47.71527	50.00000	0.14344	0.010	-4.56947	20.00000	Linear
46 Dibenzofuran	1.81264	1.77873	1.77873	0.800	-1.87090	20.00000	Averaged
47 4-Nitrophenol	0.23096	0.22848	0.22848	0.010	-1.07237	20.00000	Averaged
48 2,4-Dinitrotoluene	0.41136	0.42366	0.42366	0.200	2.98926	20.00000	Averaged
50 Diethylphthalate	1.32808	1.37963	1.37963	0.010	3.88103	20.00000	Averaged
49 Fluorene	1.48268	1.50486	1.50486	0.900	1.49580	20.00000	Averaged
51 4-Chlorophenyl-phenylether	0.73178	0.75097	0.75097	0.400	2.62295	20.00000	Averaged
52 4-Nitroaniline	0.32184	0.35360	0.35360	0.010	9.86869	20.00000	Averaged
53 4,6-Dinitro-2-methylphenol	0.15061	0.15008	0.15008	0.010	-0.35227	20.00000	Averaged
54 N-Nitrosodiphenylamine	0.62399	0.65191	0.65191	0.010	4.47404	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.19070	0.19619	0.19619	0.010	2.88065	20.00000	Averaged
56 4-Bromophenyl-phenylether	0.25435	0.26367	0.26367	0.100	3.66506	20.00000	Averaged
57 Hexachlorobenzene	0.25960	0.26141	0.26141	0.100	0.69949	20.00000	Averaged
58 Pentachlorophenol	0.11855	0.13026	0.13026	0.050	9.87457	20.00000	Averaged
60 Phenanthrene	1.26944	1.27772	1.27772	0.700	0.65163	20.00000	Averaged
61 Anthracene	1.28696	1.29867	1.29867	0.700	0.90967	20.00000	Averaged
62 Carbazole	1.05757	1.13664	1.13664	0.010	7.47662	20.00000	Averaged
63 Di-n-butylphthalate	1.26530	1.36650	1.36650	0.010	7.99777	20.00000	Averaged
64 Fluoranthene	1.29603	1.38251	1.38251	0.600	6.67250	20.00000	Averaged
65 Pyrene	1.65688	1.69055	1.69055	0.600	2.03205	20.00000	Averaged
$ 66 Terphenyl-d14	1.06822	1.08128	1.08128	0.010	1.22211	20.00000	Averaged
67 Butylbenzylphthalate	0.66913	0.69670	0.69670	0.010	4.11924	20.00000	Averaged
68 Benzo(a)anthracene	1.47614	1.45178	1.45178	0.800	-1.65042	20.00000	Averaged
70 3,3'-Dichlorobenzidine	0.54114	0.53924	0.53924	0.010	-0.35128	20.00000	Averaged
71 Chrysene	1.41342	1.41456	1.41456	0.700	0.08044	20.00000	Averaged
72 bis(2-Ethylhexyl)phthalate	0.62030	0.66981	0.66981	0.010	7.98212	20.00000	Averaged
73 Di-n-octylphthalate	1.07807	1.10384	1.10384	0.010	2.39012	20.00000	Averaged
74 Benzo(b)fluoranthene	1.44932	1.51212	1.51212	0.700	4.33327	20.00000	Averaged
75 Benzo(k)fluoranthene	1.48861	1.64528	1.64528	0.700	10.52423	20.00000	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt6.i
Lab File ID: cc0616.d
Analysis Type:
Lab Sample ID: ABN 25
Method: /chem1/nt6.i/20090616.b/SW846.m

Injection Date: 16-JUN-2009 11:54
Init. Cal. Date(s): 11-JUN-2009 11-JUN-2009
Init. Cal. Times: 10:27 14:21
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Benzo(a)pyrene	1.31197	1.35481	1.35481	0.700	3.26534	20.00000	Averaged	
78 Indeno(1,2,3-cd)pyrene	1.74895	1.62072	1.62072	0.500	-7.33180	20.00000	Averaged	
79 Dibenzo(a,h)anthracene	1.32780	1.27658	1.27658	0.400	-3.85763	20.00000	Averaged	
80 Benzo(g,h,i)perylene	1.52850	1.42833	1.42833	0.500	-6.55359	20.00000	Averaged	
90 N-Nitrosodimethylamine	1.26712	1.49562	1.49562	0.010	18.03273	20.00000	Averaged	
103 Pyridine	2.17356	2.55064	2.55064	0.010	17.34841	20.00000	Averaged	
91 Aniline	3.03313	3.05198	3.05198	0.010	0.62159	20.00000	Averaged	
105 1-methylnaphthalene	0.62025	0.61237	0.61237	0.010	-1.27029	20.00000	Averaged	
93 Benzidine	0.75925	0.61728	0.61728	0.010	-18.69931	20.00000	Averaged	
111 Azobenzene (1,2-DP-Hydrazin	2.12542	2.21588	2.21588	0.010	4.25609	20.00000	Averaged	
143 1,4-Dioxane	0.85388	++++	++++	0.010	++++	20.00000	Averaged	<-
$ 137 d8-1,4-Dioxane	0.90996	0.00177	0.00177	0.010	-100	20.00000	Averaged	<-
144 alpha-Terpineol	0.35971	0.36054	0.36054	0.010	0.22909	20.00000	Averaged	
98 Retene	0.53946	0.55102	0.55102	0.010	2.14381	20.00000	Averaged	
133 Butylatedhydroxytoluene	1.15351	1.09410	1.09410	0.010	-5.15093	20.00000	Averaged	
115 Tributyl Phosphate	1.19585	1.24437	1.24437	0.010	4.05736	20.00000	Averaged	
116 Dibutyl Phenyl Phosphate	0.62176	0.67151	0.67151	0.010	8.00096	20.00000	Averaged	
117 Butyl Diphenyl Phosphate	0.34951	0.35666	0.35666	0.010	2.04351	20.00000	Averaged	
118 Triphenyl Phosphate	0.22411	0.22288	0.22288	0.010	-0.54871	20.00000	Averaged	
123 Acetophenone	2.18776	2.21296	2.21296	0.010	1.15214	20.00000	Averaged	
179 n-Decane	1.85815	1.82140	1.82140	0.010	-1.97746	20.00000	Averaged	
180 n-Octadecane	0.64476	0.64171	0.64171	0.010	-0.47333	20.00000	Averaged	
168 Pentachlorobenzene	0.53063	0.53425	0.53425	0.010	0.68211	20.00000	Averaged	
113 Diphenyl Oxide	0.90394	0.88709	0.88709	0.010	-1.86401	20.00000	Averaged	
112 Biphenyl	1.79614	1.76208	1.76208	0.010	-1.89624	20.00000	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090616.b/cc0616.d
Lab Smp Id: ABN 25
Inj Date : 16-JUN-2009 11:54
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem1/nt6.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 11:03 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

LJR 6/17/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	4.638	4.638	(0.689)	217712	25.0000	24.91
$	2 Phenol-d5	99	6.428	6.428	(0.955)	315562	25.0000	26.89
	3 Phenol	94	6.444	6.444	(0.957)	330623	25.0000	26.09
$	5 2-Chlorophenol-d4	132	6.438	6.438	(0.956)	183914	25.0000	25.72
	4 Bis(2-Chloroethyl)ether	93	6.444	6.444	(0.957)	247973	25.0000	25.92
	6 2-Chlorophenol	128	6.465	6.465	(0.960)	204721	25.0000	25.57
	7 1,3-Dichlorobenzene	146	6.662	6.662	(0.990)	218394	25.0000	25.06
*	8 1,4-Dichlorobenzene-d4	152	6.732	6.732	(1.000)	105993	20.0000	
	9 1,4-Dichlorobenzene	146	6.759	6.759	(1.004)	220907	25.0000	25.31
$	10 1,2-Dichlorobenzene-d4	152	7.036	7.036	(1.045)	129574	25.0000	24.55
	12 1,2-Dichlorobenzene	146	7.052	7.052	(1.048)	212323	25.0000	24.78
	11 Benzyl alcohol	108	7.084	7.084	(1.052)	152261	25.0000	25.66
	14 2,2'-oxybis(1-Chloropropane)	45	7.351	7.351	(1.092)	308787	25.0000	26.05
	13 2-Methylphenol	108	7.384	7.384	(1.097)	217464	25.0000	26.20
	17 Hexachloroethane	117	7.544	7.544	(1.121)	99112	25.0000	24.57
	16 N-Nitroso-di-n-propylamine	70	7.576	7.576	(1.125)	203702	25.0000	25.89
	15 4-Methylphenol	108	7.629	7.629	(1.133)	228029	25.0000	26.88
$	18 Nitrobenzene-d5	82	7.704	7.704	(0.864)	269608	25.0000	23.53
	19 Nitrobenzene	77	7.731	7.731	(0.867)	283257	25.0000	23.82
	20 Isophorone	82	8.131	8.131	(0.912)	490209	25.0000	24.65
	21 2-Nitrophenol	139	8.254	8.254	(0.926)	107405	25.0000	24.79
	22 2,4-Dimethylphenol	107	8.452	8.452	(0.948)	234634	25.0000	24.74
	23 Bis(2-Chloroethoxy)methane	93	8.575	8.575	(0.962)	276004	25.0000	25.19
	24 Benzoic acid	105	8.799	8.799	(0.987)	301782	50.0000	50.93
	25 2,4-Dichlorophenol	162	8.671	8.671	(0.972)	163550	25.0000	26.49
	26 1,2,4-Trichlorobenzene	180	8.767	8.767	(0.983)	177367	25.0000	23.65
*	27 Naphthalene-d8	136	8.804	8.804	(1.000)	373044	20.0000	(H)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	8.836	8.836	(0.991)	540296	25.0000	24.36
	29 4-Chloroaniline	127	9.023	9.023	(1.012)	238585	25.0000	24.95
	30 Hexachlorobutadiene	225	9.183	9.183	(1.030)	104204	25.0000	24.84
	31 4-Chloro-3-methylphenol	107	9.899	9.899	(1.110)	201627	25.0000	25.79
	32 2-Methylnaphthalene	141	9.958	9.958	(1.117)	302337	25.0000	25.03(H)
	33 Hexachlorocyclopentadiene	237	10.342	10.342	(0.889)	91065	25.0000	22.29
	34 2,4,6-Trichlorophenol	196	10.503	10.503	(0.903)	117929	25.0000	25.68
	35 2,4,5-Trichlorophenol	196	10.567	10.567	(0.908)	122891	25.0000	26.11
$	36 2-Fluorobiphenyl	172	10.626	10.626	(0.913)	388869	25.0000	24.33
	37 2-Chloronaphthalene	162	10.722	10.722	(0.922)	346640	25.0000	24.20
	38 2-Nitroaniline	65	10.989	10.989	(0.944)	158262	25.0000	26.56
	39 Dimethylphthalate	163	11.389	11.389	(0.979)	384258	25.0000	24.48
	40 Acenaphthylene	152	11.384	11.384	(0.978)	550962	25.0000	25.76
	41 2,6-Dinitrotoluene	165	11.469	11.469	(0.986)	86152	25.0000	25.24
*	42 Acenaphthene-d10	164	11.635	11.635	(1.000)	215201	20.0000	
	43 3-Nitroaniline	138	11.667	11.667	(1.003)	100058	25.0000	25.67
	44 Acenaphthene	153	11.683	11.683	(1.004)	328372	25.0000	24.33
	45 2,4-Dinitrophenol	184	11.838	11.838	(1.017)	77172	50.0000	47.72
	46 Dibenzofuran	168	11.950	11.950	(1.027)	478480	25.0000	24.53
	47 4-Nitrophenol	109	12.068	12.068	(1.037)	61461	25.0000	24.73
	48 2,4-Dinitrotoluene	165	12.084	12.084	(1.039)	113964	25.0000	25.75
	50 Diethylphthalate	149	12.543	12.543	(1.078)	371121	25.0000	25.97
	49 Fluorene	166	12.495	12.495	(1.074)	404808	25.0000	25.37
	51 4-Chlorophenyl-phenylether	204	12.554	12.554	(1.079)	202013	25.0000	25.66
	52 4-Nitroaniline	138	12.650	12.650	(1.087)	95120	25.0000	27.47
	53 4,6-Dinitro-2-methylphenol	198	12.730	12.730	(0.912)	130280	50.0000	49.82
	54 N-Nitrosodiphenylamine	169	12.773	12.773	(0.915)	282946	25.0000	26.12
$	55 2,4,6-Tribromophenol	330	12.917	12.917	(1.110)	52776	25.0000	25.72
	56 4-Bromophenyl-phenylether	248	13.317	13.317	(0.954)	114442	25.0000	25.92
	57 Hexachlorobenzene	284	13.504	13.504	(0.967)	113461	25.0000	25.17
	58 Pentachlorophenol	266	13.825	13.825	(0.990)	56536	25.0000	27.47
*	59 Phenanthrene-d10	188	13.964	13.964	(1.000)	347222	20.0000	
	60 Phenanthrene	178	14.001	14.001	(1.003)	554564	25.0000	25.16
	61 Anthracene	178	14.071	14.071	(1.008)	563658	25.0000	25.23
	62 Carbazole	167	14.386	14.386	(1.030)	493334	25.0000	26.87
	63 Di-n-butylphthalate	149	15.165	15.165	(1.086)	593098	25.0000	27.00
	64 Fluoranthene	202	15.903	15.903	(1.139)	600046	25.0000	26.67
	65 Pyrene	202	16.239	16.239	(0.892)	604723	25.0000	25.51
$	66 Terphenyl-d14	244	16.613	16.613	(0.912)	386783	25.0000	25.31
	67 Butylbenzylphthalate	149	17.532	17.532	(0.963)	249215	25.0000	26.03
	68 Benzo(a)anthracene	228	18.183	18.183	(0.999)	519315	25.0000	24.59
*	69 Chrysene-d12	240	18.210	18.210	(1.000)	286167	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.242	18.242	(1.002)	192891	25.0000	24.91
	71 Chrysene	228	18.247	18.247	(1.002)	505999	25.0000	25.02
	72 bis(2-Ethylhexyl)phthalate	149	18.557	18.557	(0.952)	335856	25.0000	27.00
*	134 Di-n-octylphthalate-d4	153	19.486	19.486	(1.000)	401133	20.0000	
	73 Di-n-octylphthalate	149	19.492	19.492	(1.000)	553481	25.0000	25.60

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	19.812	19.812	(0.975)	478890	25.0000	26.08
75	Benzo(k)fluoranthene	252	19.844	19.844	(0.976)	521061	25.0000	27.63
76	Benzo(a)pyrene	252	20.245	20.245	(0.996)	429069	25.0000	25.82
* 77	Perylene-d12	264	20.325	20.325	(1.000)	253361	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	21.660	21.660	(1.066)	513283	25.0000	23.17
79	Dibenzo(a,h)anthracene	278	21.698	21.698	(1.068)	404295	25.0000	24.04
80	Benzo(g,h,i)perylene	276	21.954	21.954	(1.080)	452353	25.0000	23.36
90	N-Nitrosodimethylamine	74	1.818	1.818	(0.270)	198156	25.0000	29.51
103	Pyridine	79	1.807	1.807	(0.268)	337937	25.0000	29.34
91	Aniline	93	6.289	6.289	(0.934)	404361	25.0000	25.16
105	1-methylnaphthalene	141	10.124	10.124	(1.135)	285551	25.0000	24.68
93	Benzidine	184	16.202	16.202	(0.890)	220805	25.0000	20.33
111	Azobenzene (1,2-DP-Hydrazine)	77	12.799	12.799	(1.100)	596075	25.0000	26.06
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
144	alpha-Terpineol	59	8.911	8.911	(0.999)	168121	25.0000	25.06(H)
98	Retene	219	16.837	16.837	(0.925)	197106	25.0000	25.54
133	Butylatedhydroxytoluene	205	11.881	11.881	(1.021)	294313	25.0000	23.71
115	Tributyl Phosphate	99	12.949	12.949	(0.927)	540089	25.0000	26.01
116	Dibutyl Phenyl Phosphate	175	14.621	14.621	(1.047)	291453	25.0000	27.00
117	Butyl Diphenyl Phosphate	94	16.260	16.260	(0.893)	127579	25.0000	25.51
118	Triphenyl Phosphate	326	17.825	17.825	(0.979)	79726	25.0000	24.86
123	Acetophenone	105	7.480	7.480	(1.111)	293198	25.0000	25.29
179	n-Decane	57	6.630	6.630	(0.985)	241320	25.0000	24.51
180	n-Octadecane	57	14.023	14.023	(1.004)	278521	25.0000	24.88
168	Pentachlorobenzene	250	11.993	11.993	(1.031)	143713	25.0000	25.17
113	Diphenyl Oxide	170	10.946	10.946	(0.941)	238628	25.0000	24.53
112	Biphenyl	154	10.743	10.743	(0.923)	474003	25.0000	24.53

QC Flag Legend

H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: cc0616.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090616.b/SW846.m
Misc Info:

Calibration Date: 16-JUN-2009
Calibration Time: 11:54

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	105993	-5.69
27 Naphthalene-d8	384492	192246	768984	373044	-2.98
42 Acenaphthene-d10	217478	108739	434956	215201	-1.05
59 Phenanthrene-d10	336594	168297	673188	347222	3.16
69 Chrysene-d12	247160	123580	494320	286167	15.78
134 Di-n-octylphthala	347036	173518	694072	401133	15.59
77 Perylene-d12	232938	116469	465876	253361	8.77

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.73	6.23	7.23	6.73	0.00
27 Naphthalene-d8	8.80	8.30	9.30	8.80	0.00
42 Acenaphthene-d10	11.64	11.14	12.14	11.64	0.00
59 Phenanthrene-d10	13.96	13.46	14.46	13.96	0.00
69 Chrysene-d12	18.21	17.71	18.71	18.21	0.00
134 Di-n-octylphthala	19.49	18.99	19.99	19.49	0.00
77 Perylene-d12	20.32	19.82	20.82	20.32	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

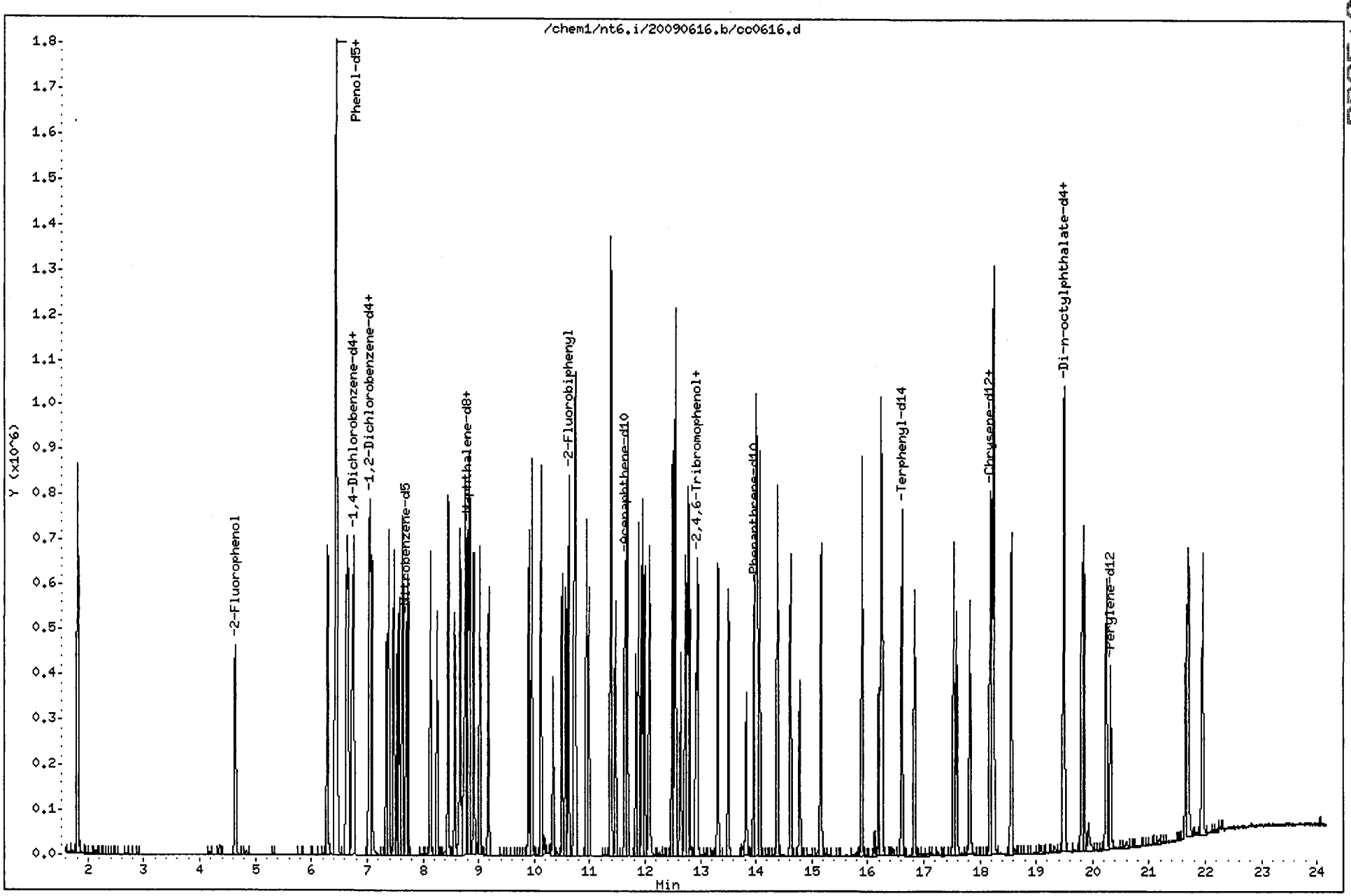
Data File: /chem1/nt6.i/20090616.b/cc0616.d
Date : 16-JUN-2009 11:54
Client ID:
Sample Info: ABN 25

Instrument: nt6.i

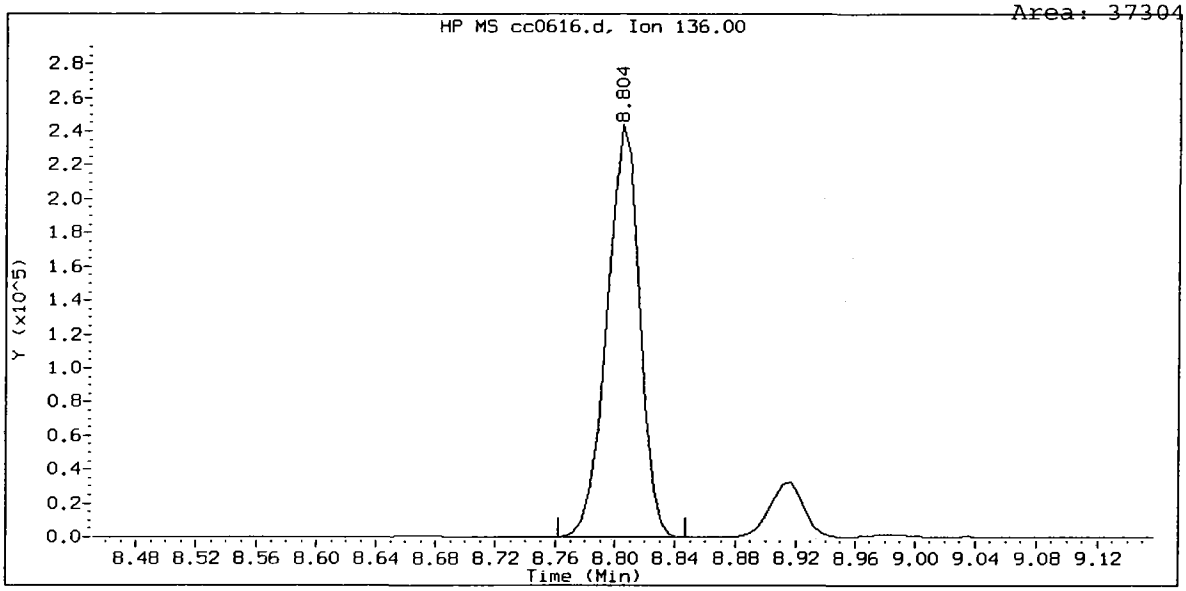
Operator: LJR/VTS
Column diameter: 0.32

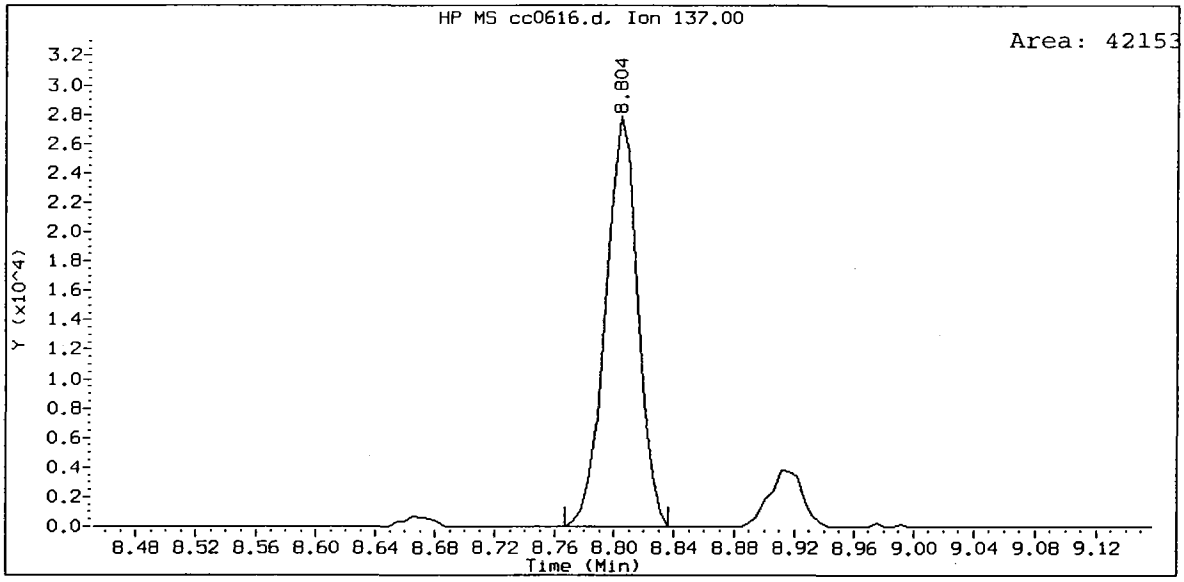
Column phase: ZB-5

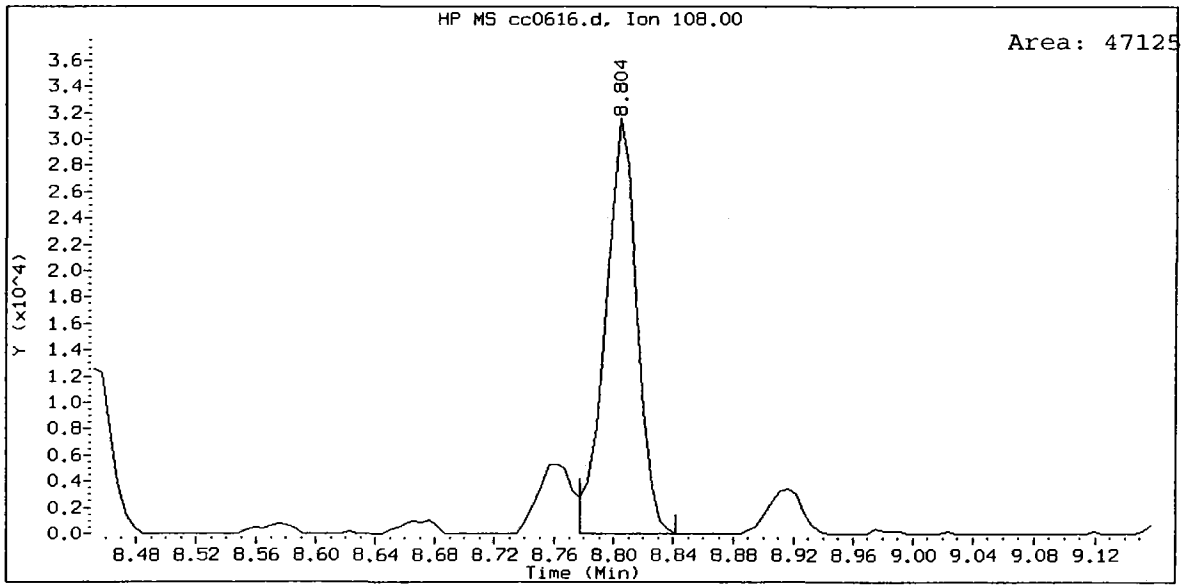
PB35:0614Z



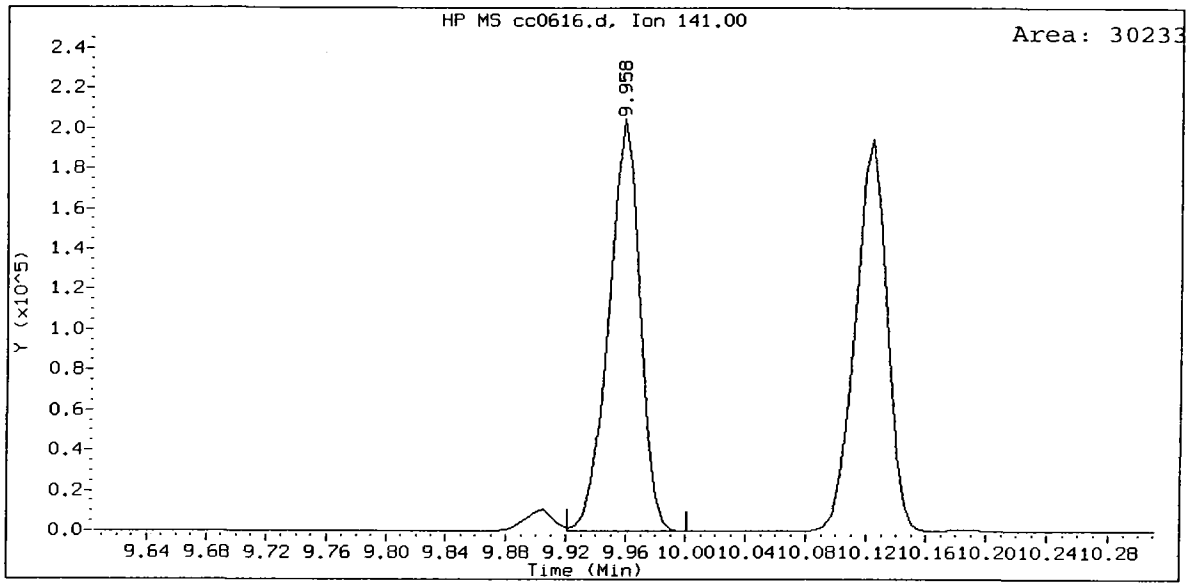
ABN 25, /chem1/nt6.i/20090616.b/cc0616.d
Naphthalene-d8 Amount: 20.00

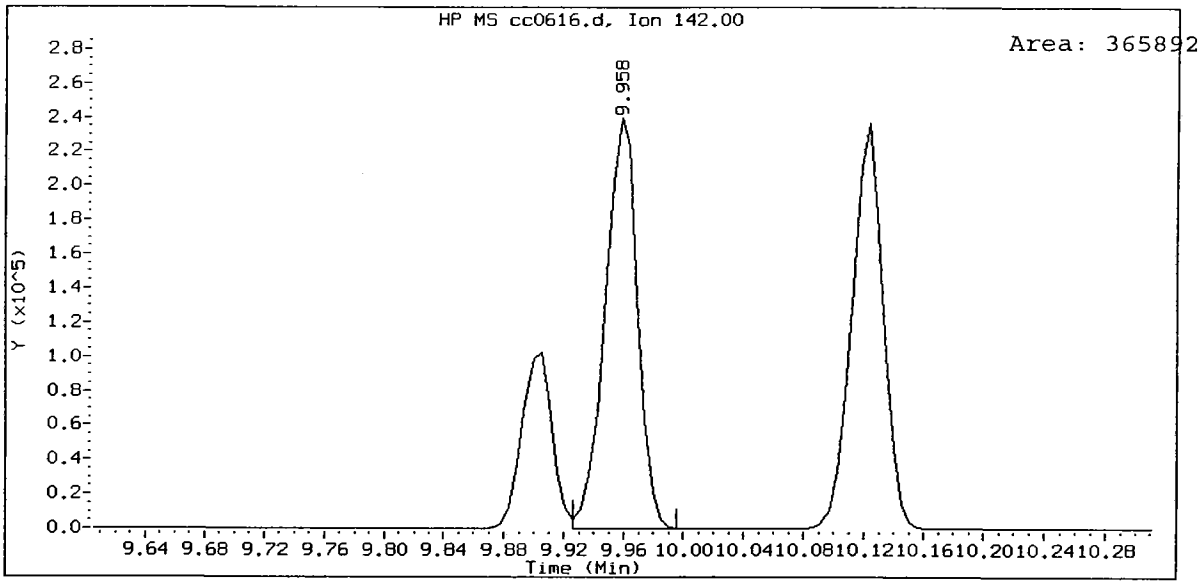




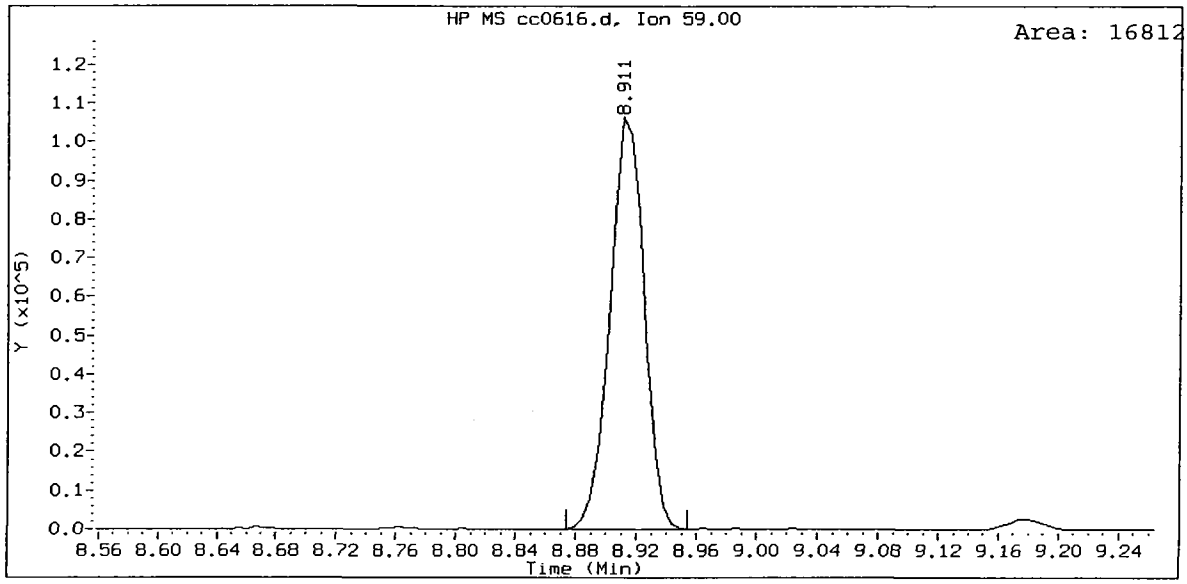


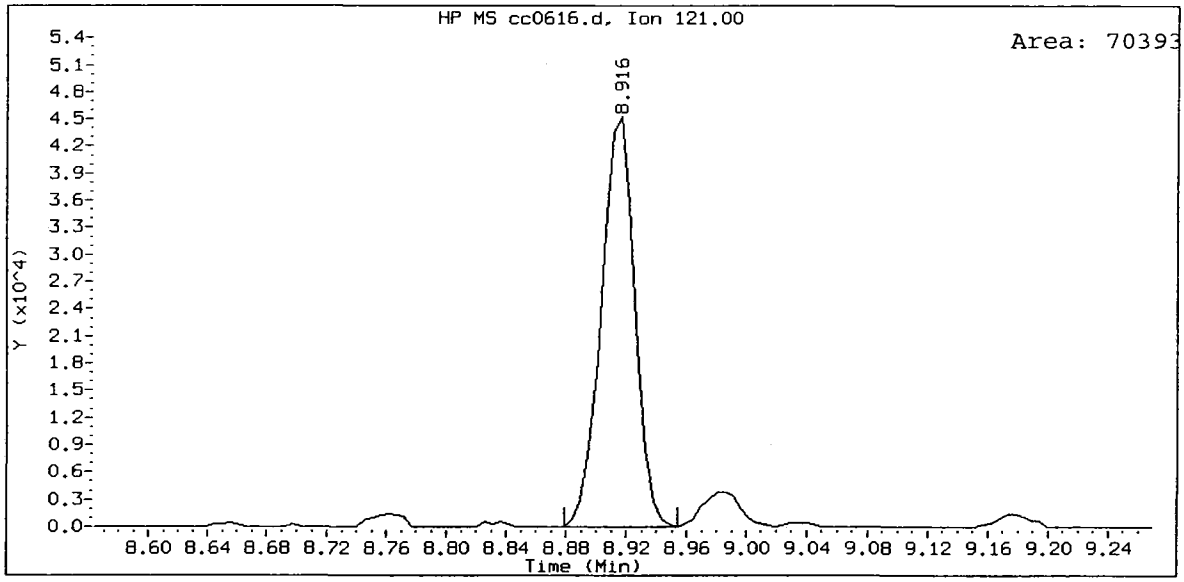
ABN 25, /chem1/nt6.i/20090616.b/cc0616.d
2-Methylnaphthalene Amount: 25.03

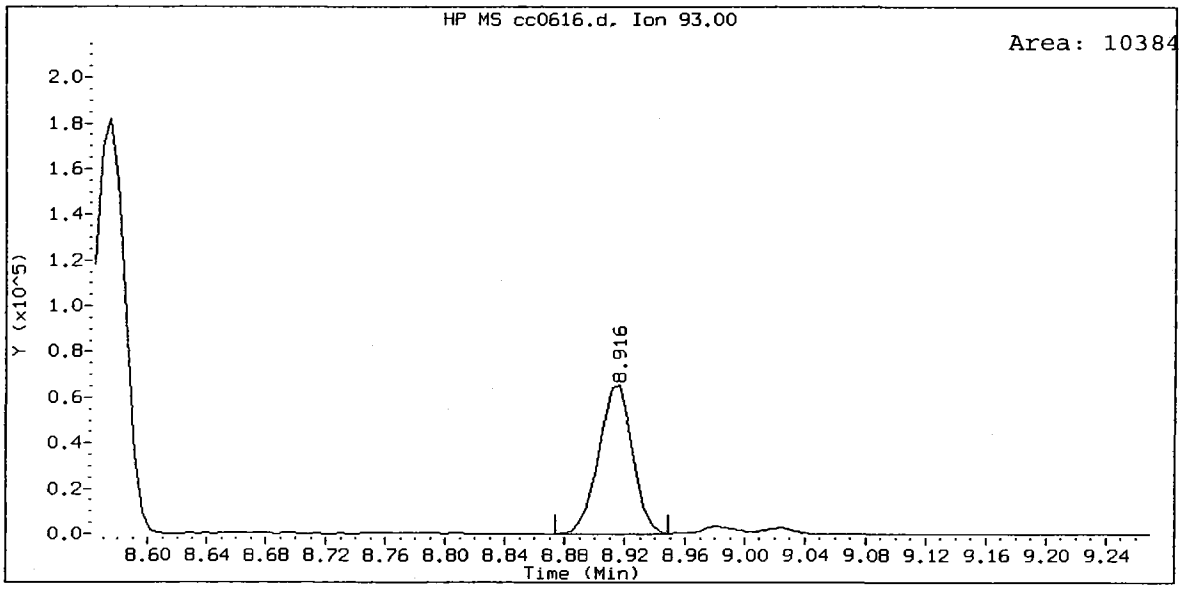




ABN 25, /chem1/nt6.i/20090616.b/cc0616.d
alpha-Terpineol Amount: 25.06







Semivolatile Analysis
QC Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Data File: /chem1/nt6.i/20090611.b/tune.b/0250611.d

Date : 11-JUN-2009 10:27

Client ID:

Instrument: nt6.i

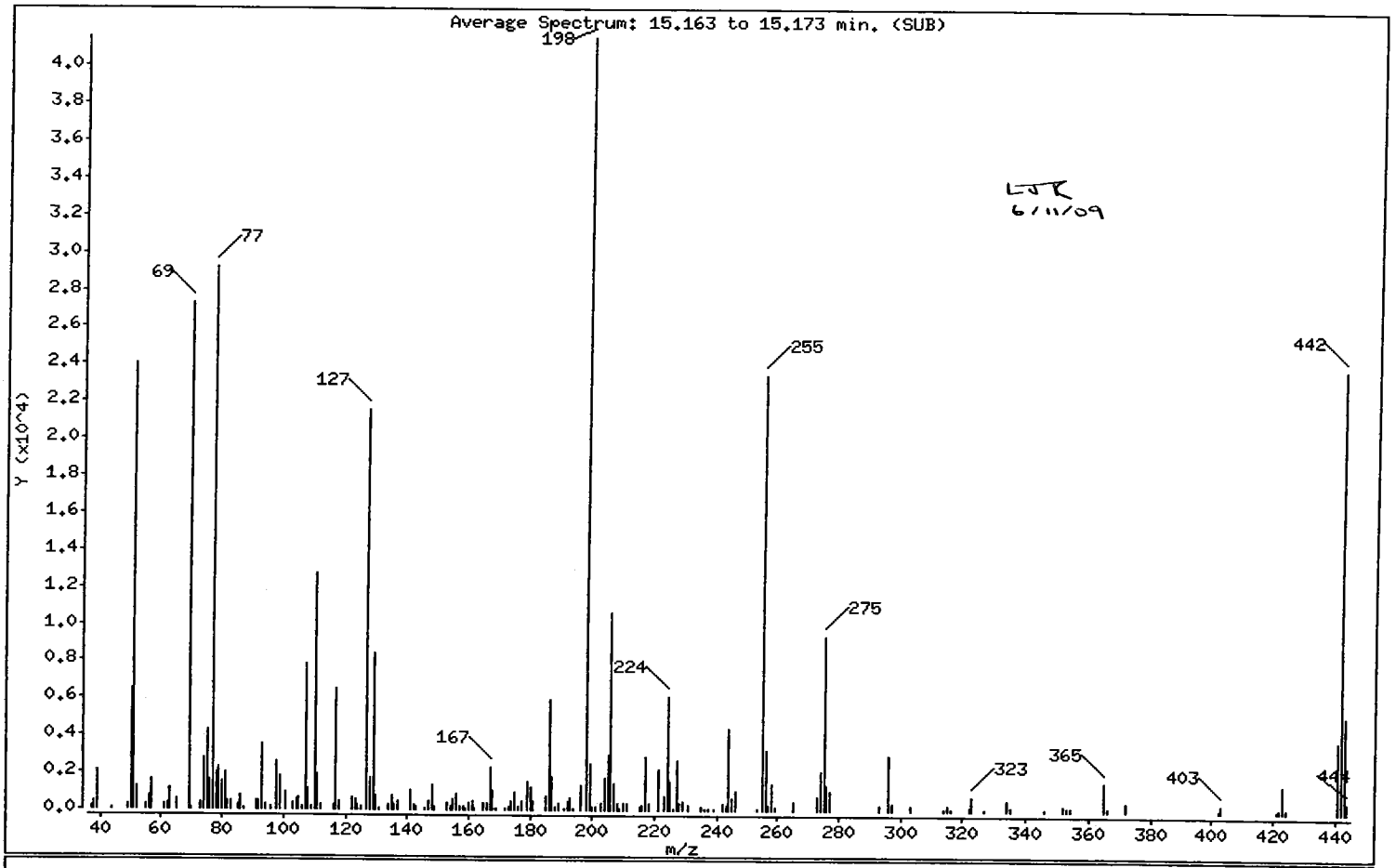
Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	57.78
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	65.68
70	Less than 2.00% of mass 69	0.33 (0.51)
127	25.00 - 75.00% of mass 198	51.91
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.04
275	10.00 - 30.00% of mass 198	22.47
365	Greater than 0.75% of mass 198	3.77
441	Present, but less than mass 443	9.13
442	40.00 - 110.00% of mass 198	57.47
443	15.00 - 24.00% of mass 442	12.40 (21.58)

Data File: /chem1/nt6.i/20090611.b/tune.b/0250611.d

Date : 11-JUN-2009 10:27

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: 0250611.d

Spectrum: Average Spectrum: 15.163 to 15.173 min. (SUB)

Location of Maximum: 198.00

Number of points: 182

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	146	110.00	12727	177.00	522	244.00	4433
38.00	448	111.00	1927	179.00	1580	245.00	623
39.00	2132	112.00	258	180.00	1218	246.00	1027
44.00	81	116.00	303	181.00	493	253.00	138
49.00	281	117.00	6506	185.00	747	255.00	23416
50.00	6551	118.00	453	186.00	5945	256.00	3212
51.00	24008	122.00	673	187.00	1808	257.00	321
52.00	1229	123.00	615	188.00	165	258.00	1475
55.00	249	124.00	298	189.00	372	259.00	191
56.00	777	125.00	233	191.00	89	265.00	473
57.00	1626	127.00	21576	192.00	477	273.00	761
61.00	323	128.00	1771	193.00	625	274.00	2073
62.00	425	129.00	8418	194.00	85	275.00	9338
63.00	1103	130.00	766	196.00	1376	276.00	1387
65.00	532	131.00	71	198.00	41560	277.00	1091
69.00	27296	134.00	251	199.00	2511	293.00	268
70.00	139	135.00	730	200.00	184	296.00	2942
73.00	345	136.00	288	201.00	184	297.00	428
74.00	2820	137.00	442	203.00	370	303.00	298
75.00	4323	141.00	1016	204.00	1698	314.00	84
76.00	1673	142.00	290	205.00	3002	315.00	294
77.00	29248	143.00	172	206.00	10626	316.00	91
78.00	2022	146.00	69	207.00	1481	322.00	147
79.00	2293	147.00	491	208.00	430	323.00	738
80.00	1542	148.00	1329	209.00	67	327.00	77
81.00	1969	149.00	182	210.00	391	334.00	598
82.00	501	153.00	376	211.00	386	335.00	161
83.00	490	154.00	177	215.00	149	346.00	68
85.00	297	155.00	588	216.00	268	352.00	277
86.00	755	156.00	907	217.00	2825	353.00	153
87.00	115	157.00	168	218.00	381	354.00	191
91.00	487	158.00	159	221.00	2192	365.00	1566
92.00	521	159.00	68	223.00	768	366.00	179
93.00	3527	160.00	348	224.00	6084	372.00	463
94.00	301	161.00	451	225.00	1576	402.00	98

Data File: /chem1/nt6.i/20090611.b/tune.b/0250611.d

Date : 11-JUN-2009 10:27

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: 0250611.d

Spectrum: Average Spectrum: 15.163 to 15.173 min. (SUB)

Location of Maximum: 198.00

Number of points: 182

m/z	Y	m/z	Y	m/z	Y	m/z	Y
96.00	161	162.00	102	226.00	84	403.00	339
98.00	2609	165.00	423	227.00	2634	421.00	141
99.00	1779	166.00	396	228.00	417	422.00	172
101.00	976	167.00	2254	229.00	526	423.00	1470
103.00	369	168.00	1075	231.00	322	424.00	229
104.00	599	169.00	73	235.00	217	441.00	3793
105.00	665	172.00	85	236.00	77	442.00	23880
106.00	204	173.00	165	237.00	112	443.00	5154
107.00	7854	174.00	458	239.00	70	444.00	563
108.00	1128	175.00	921	242.00	346		
109.00	149	176.00	165	243.00	276		

Data File: /chem1/nt6.i/20090611.b/tune.b/0250611.d

Date : 11-JUN-2009 10:27

Client ID:

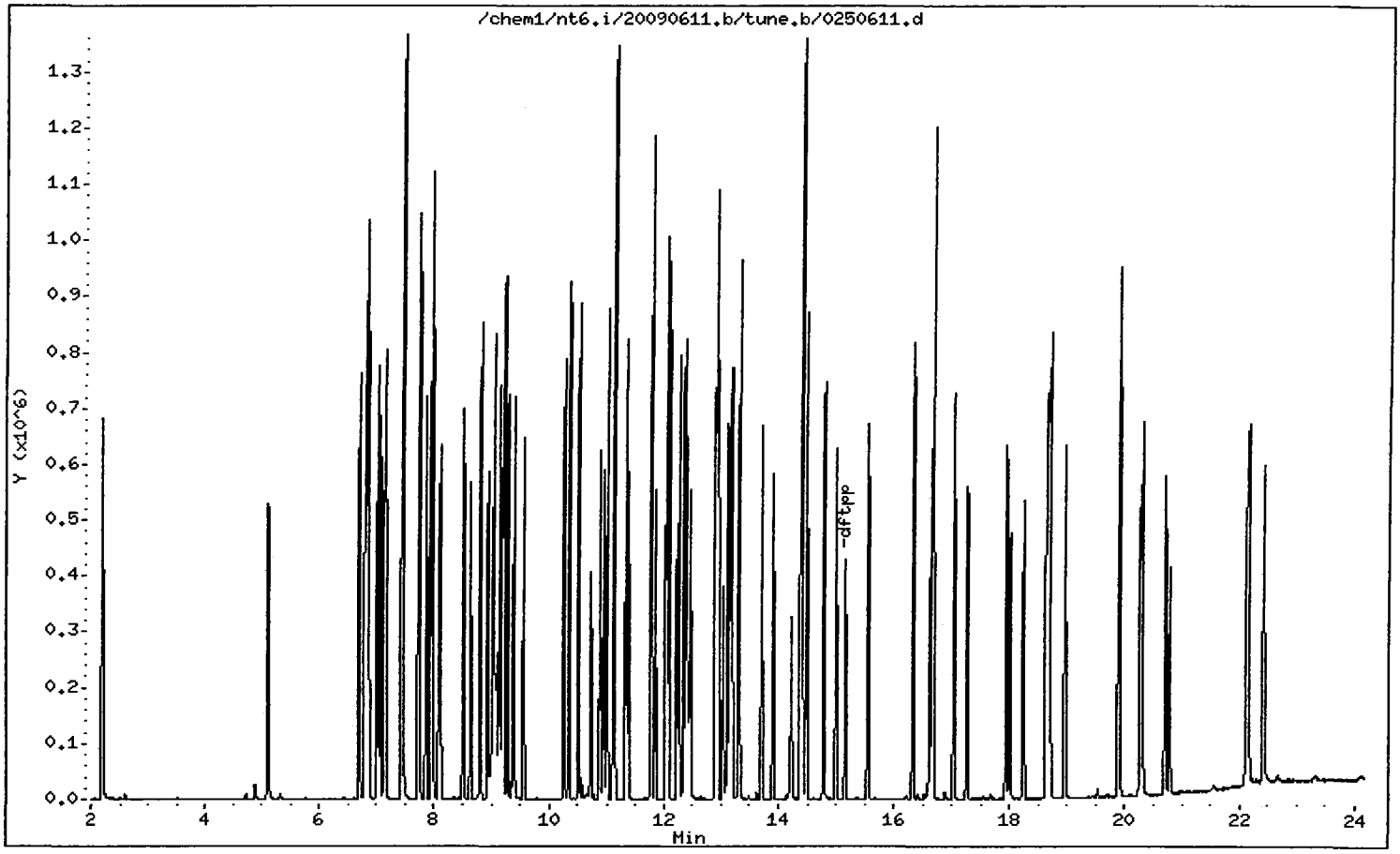
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Data File: /chem1/nt6.i/20090615.b/tune.b/cc0615.d

Date : 15-JUN-2009 14:39

Client ID:

Instrument: nt6.i

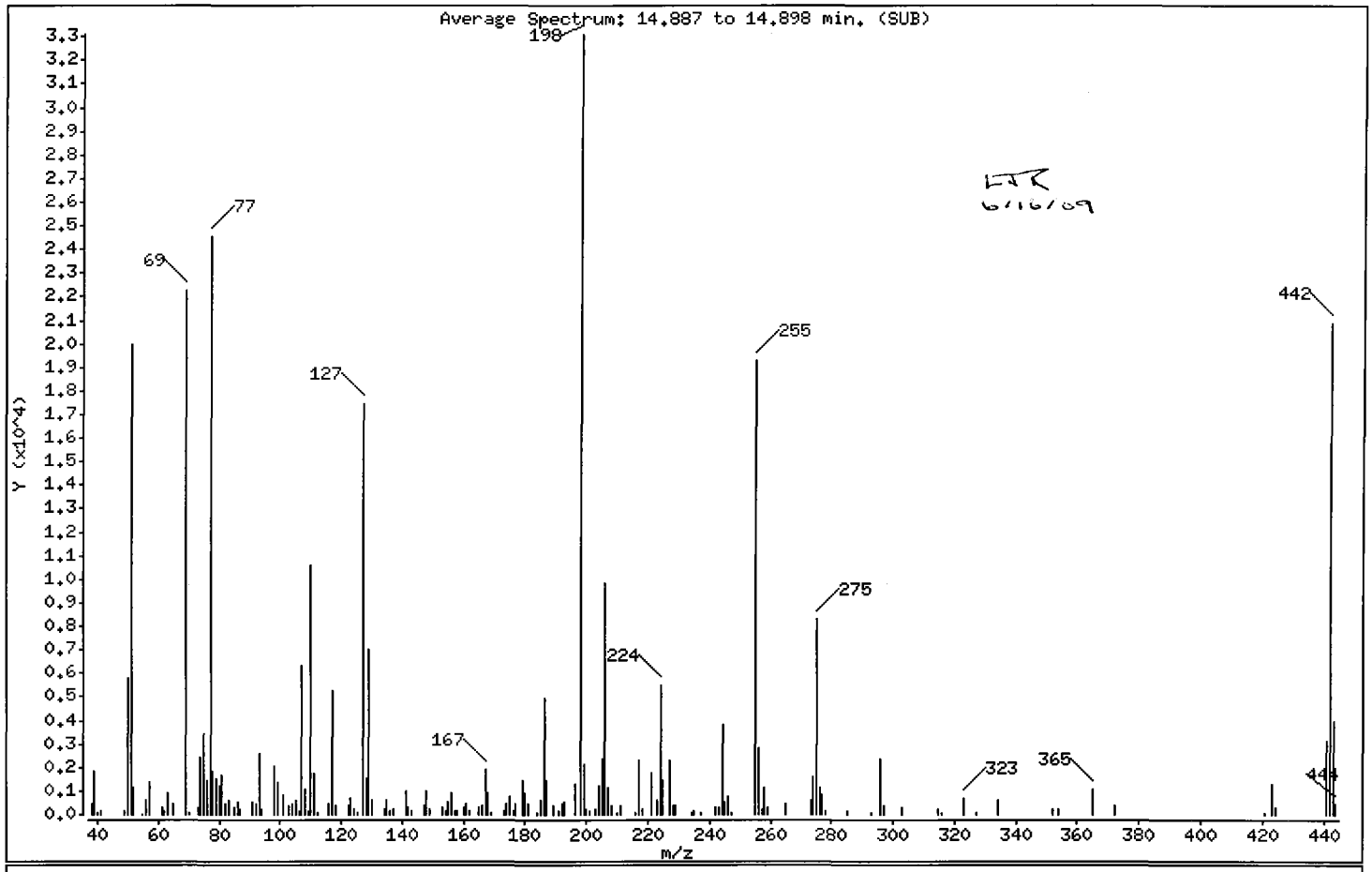
Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	60.30
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	67.28
70	Less than 2.00% of mass 69	0.25 (0.37)
127	25.00 - 75.00% of mass 198	52.69
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.49
275	10.00 - 30.00% of mass 198	25.01
365	Greater than 0.75% of mass 198	3.15
441	Present, but less than mass 443	9.50
442	40.00 - 110.00% of mass 198	63.14
443	15.00 - 24.00% of mass 442	11.95 (18.93)

Data File: /chem1/nt6.i/20090615.b/tune.b/cc0615.d

Date : 15-JUN-2009 14:39

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0615.d

Spectrum: Average Spectrum: 14.887 to 14.898 min. (SUB)

Location of Maximum: 198.00

Number of points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	454	107.00	6334	174.00	425	243.00	284
39.00	1806	108.00	1032	175.00	737	244.00	3788
40.00	78	109.00	123	176.00	187	245.00	509
41.00	148	110.00	10588	177.00	429	246.00	767
49.00	173	111.00	1729	179.00	1414	247.00	72
50.00	5769	112.00	83	180.00	915	255.00	19272
51.00	19952	116.00	447	181.00	469	256.00	2795
52.00	1133	117.00	5250	184.00	74	257.00	240
55.00	10	118.00	354	185.00	640	258.00	1158
56.00	643	122.00	374	186.00	4982	259.00	285
57.00	1357	123.00	650	187.00	1434	265.00	448
61.00	314	124.00	254	189.00	373	273.00	599
62.00	162	125.00	112	191.00	185	274.00	1579
63.00	940	127.00	17432	192.00	458	275.00	8277
65.00	489	128.00	1493	193.00	508	276.00	1149
69.00	22264	129.00	7010	196.00	1300	277.00	846
70.00	83	130.00	614	198.00	33088	278.00	117
73.00	291	134.00	241	199.00	2146	285.00	152
74.00	2425	135.00	584	200.00	223	293.00	78
75.00	3394	136.00	178	201.00	138	296.00	2375
76.00	1420	137.00	237	203.00	192	297.00	368
77.00	24536	141.00	957	204.00	1242	303.00	307
78.00	1862	142.00	296	205.00	2390	315.00	247
79.00	1538	143.00	164	206.00	9797	316.00	89
80.00	1236	147.00	354	207.00	1120	323.00	656
81.00	1702	148.00	1017	208.00	370	327.00	87
82.00	454	149.00	215	210.00	86	334.00	595
83.00	584	153.00	313	211.00	378	352.00	226
85.00	326	154.00	165	216.00	96	354.00	266
86.00	548	155.00	528	217.00	2299	365.00	1041
87.00	251	156.00	907	218.00	266	372.00	374
91.00	512	157.00	163	221.00	1737	421.00	79
92.00	448	158.00	160	223.00	611	423.00	1300
93.00	2611	160.00	308	224.00	5482	424.00	291
94.00	243	161.00	479	225.00	1423	441.00	3144

Date : 15-JUN-2009 14:39

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0615.d
Spectrum: Average Spectrum: 14.887 to 14.898 min. (SUB)
Location of Maximum: 198.00
Number of points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
98.00	2064	162.00	150	227.00	2280	442.00	20888
99.00	1378	165.00	301	228.00	360	443.00	3955
101.00	830	166.00	377	229.00	407	444.00	462
103.00	352	167.00	1901	234.00	68		
104.00	488	168.00	944	235.00	137		
105.00	595	169.00	70	237.00	81		
106.00	183	173.00	158	242.00	293		

Data File: /chem1/nt6.i/20090615.b/tune.b/cc0615.d

Date : 15-JUN-2009 14:39

Client ID:

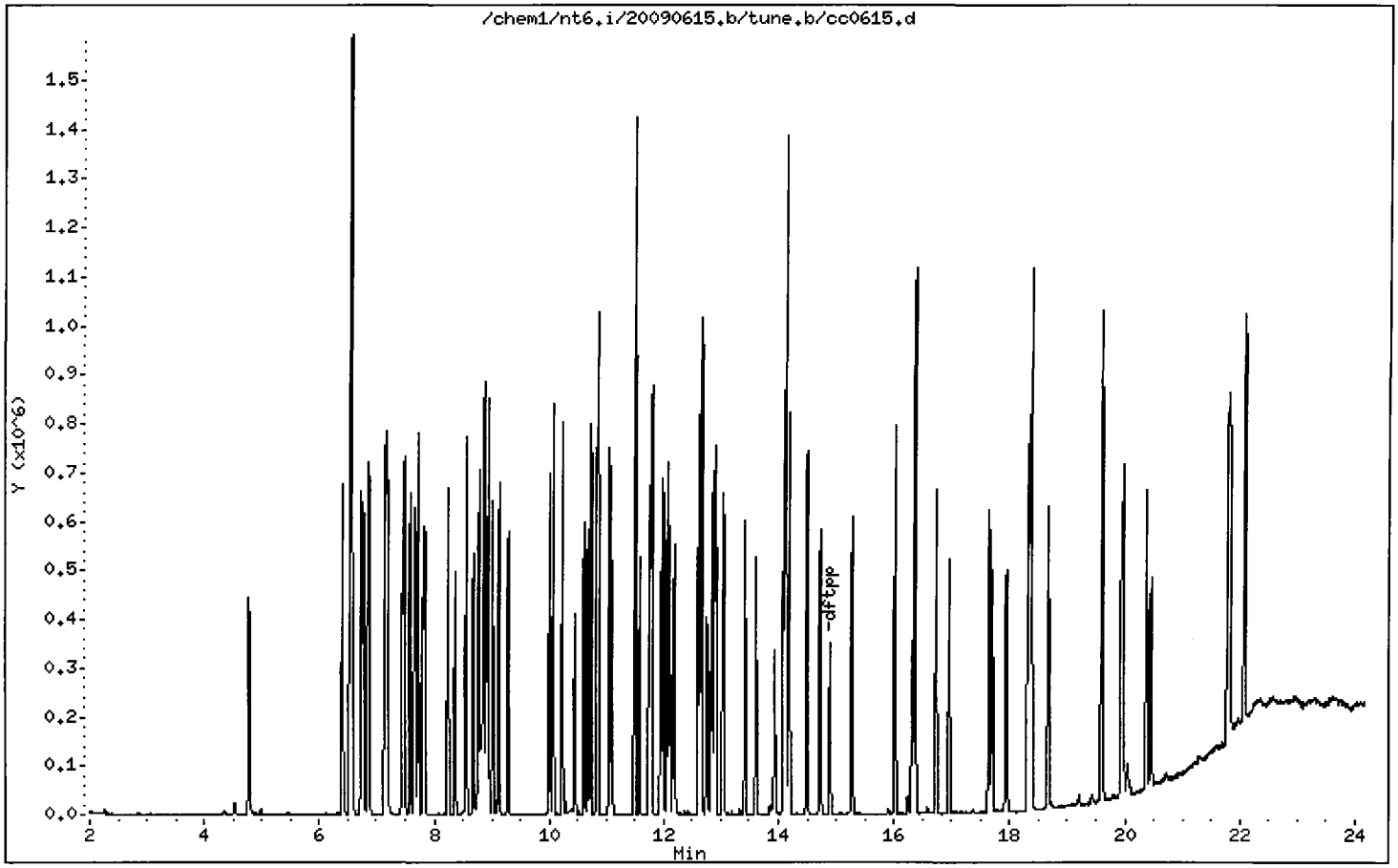
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem1/nt6.i/20090615.b/ddt.b/cc0615.d ARI ID:
Method: /chem1/nt6.i/20090615.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 15-JUN-2009 14:39 Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	13.942	52048
Benzidine	16.319	209994
4,4'-DDE	----	----
4,4'-DDD	17.243	1370
4,4'-DDT	17.707	152859

EJK 6/16/09

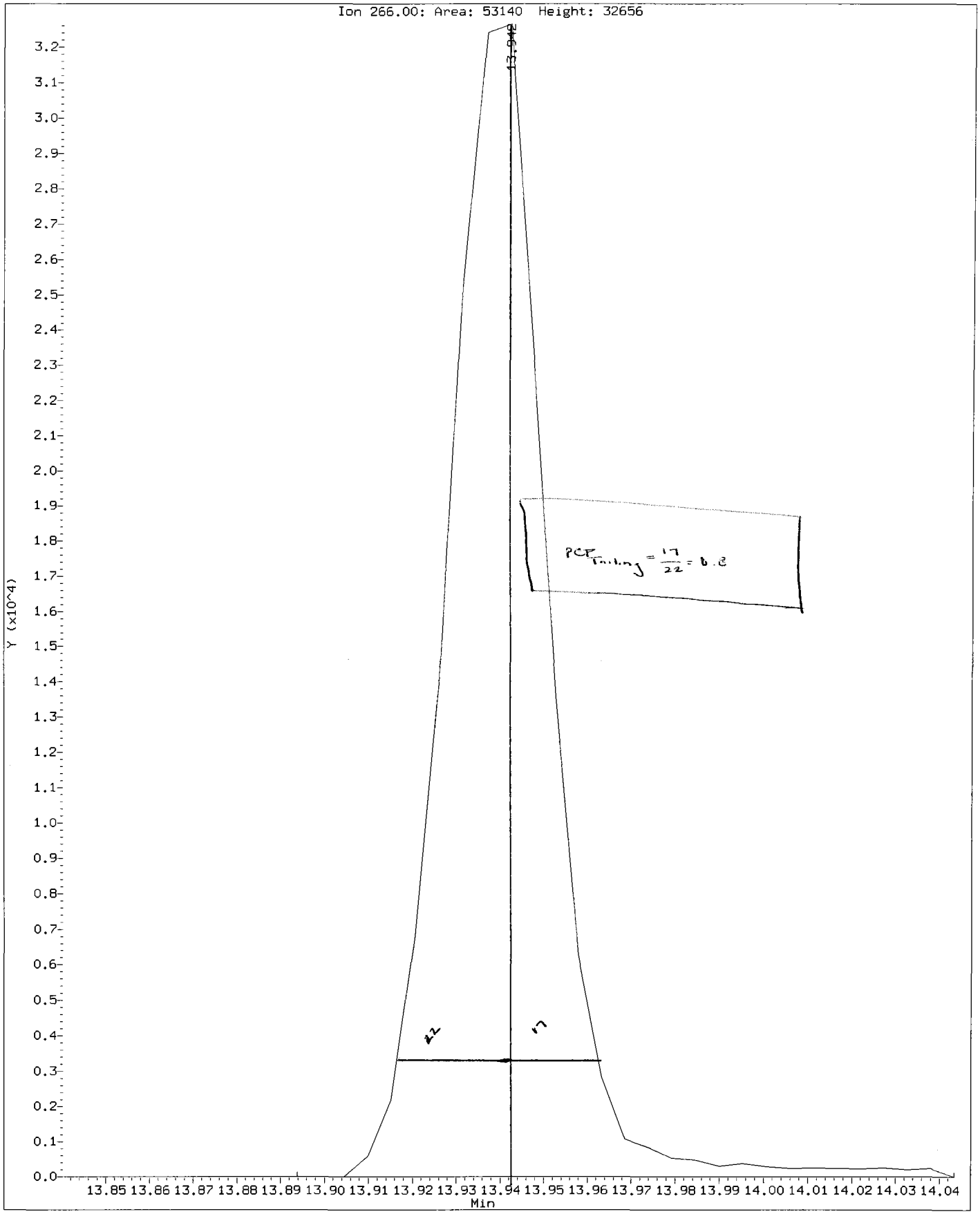
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 1370) * 100}{(0 + 1370 + 152859)}$$

DDT Percent Breakdown = 0.9 %

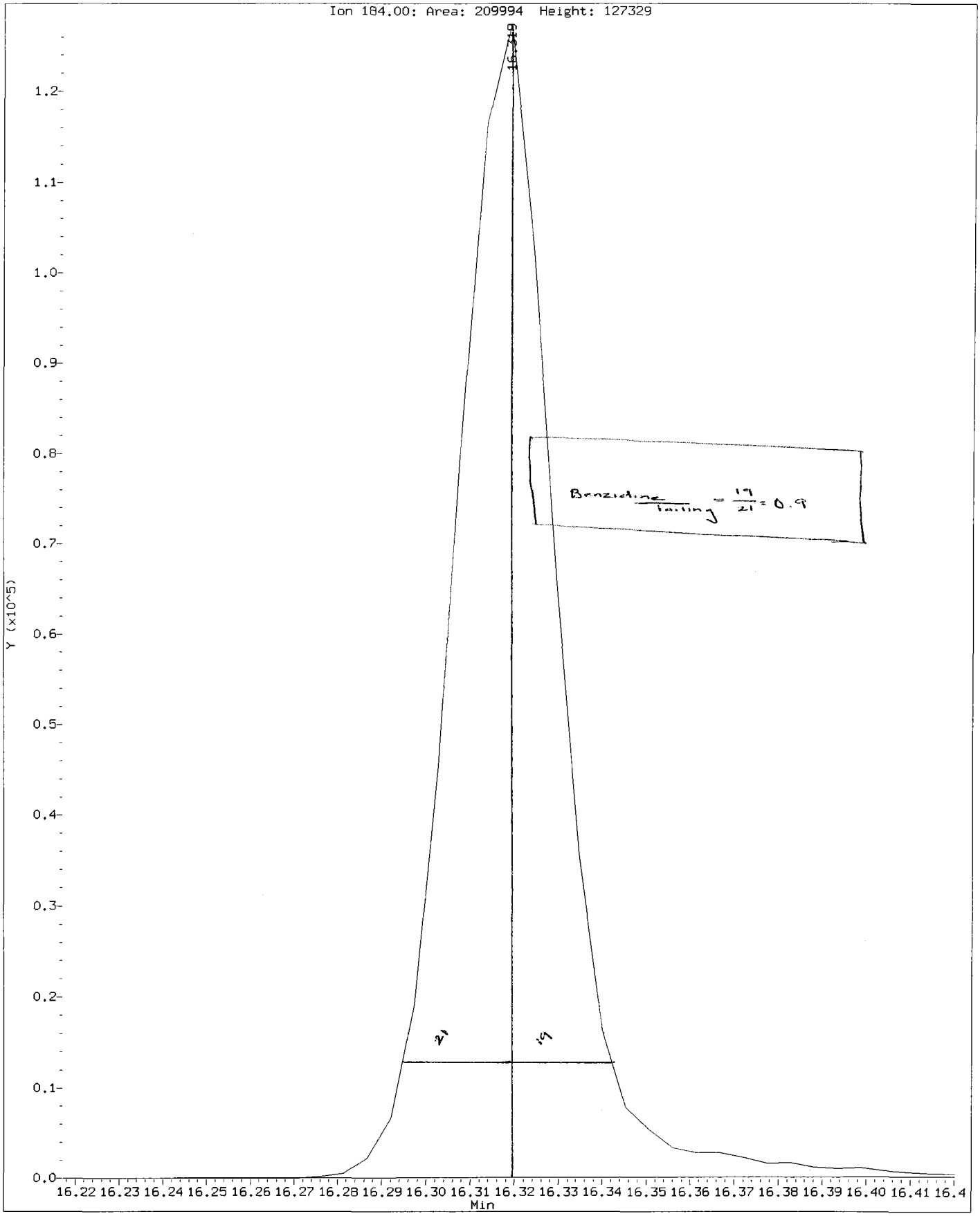
Data File: /chem1/nt6.i/20090615.b/ddt.b/cc0615.d
Injection Date: 15-JUN-2009 14:39
Instrument: nt6.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem1/nt6.i/20090615.b/ddt.b/cc0615.d
Injection Date: 15-JUN-2009 14:39
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Data File: /chem1/nt6.i/20090616.b/tune.b/cc0616.d

Date : 16-JUN-2009 11:54

Client ID:

Instrument: nt6.i

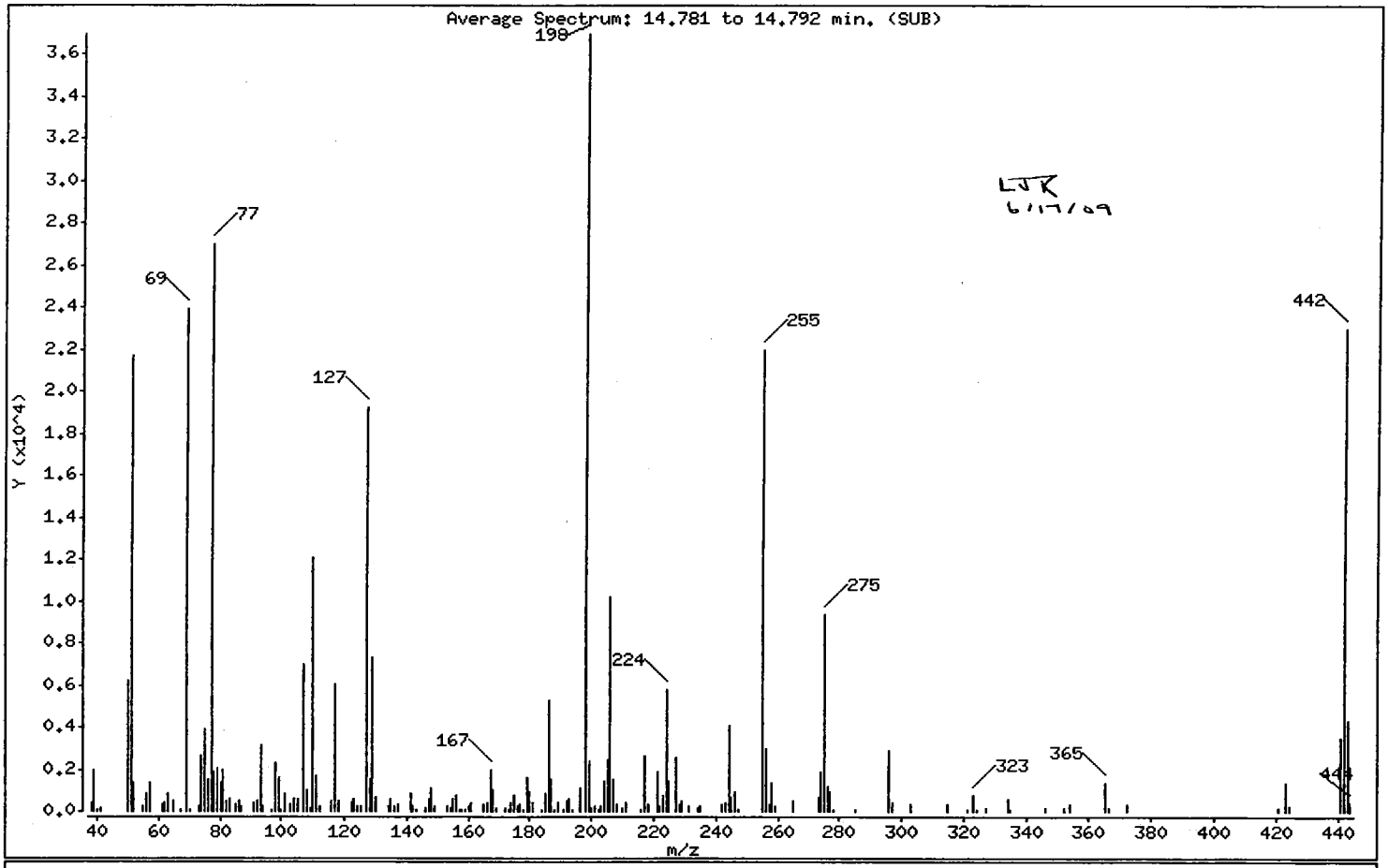
Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	58.69
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	64.79
70	Less than 2.00% of mass 69	0.19 (0.29)
127	25.00 - 75.00% of mass 198	52.17
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.38
275	10.00 - 30.00% of mass 198	25.29
365	Greater than 0.75% of mass 198	3.69
441	Present, but less than mass 443	9.40
442	40.00 - 110.00% of mass 198	62.24
443	15.00 - 24.00% of mass 442	11.72 (18.83)

Data File: /chem1/nt6.i/20090616.b/tune.b/cc0616.d

Date : 16-JUN-2009 11:54

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0616.d

Spectrum: Average Spectrum: 14.781 to 14.792 min. (SUB)

Location of Maximum: 198.00

Number of points: 175

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	468	108.00	1049	175.00	749	235.00	252
39.00	1920	109.00	194	176.00	279	242.00	369
40.00	76	110.00	12090	177.00	334	243.00	399
41.00	171	111.00	1729	178.00	91	244.00	4101
50.00	6235	112.00	263	179.00	1635	245.00	657
51.00	21704	116.00	526	180.00	968	246.00	948
52.00	1347	117.00	6035	181.00	440	247.00	70
55.00	251	118.00	503	184.00	79	255.00	21976
56.00	811	122.00	419	185.00	826	256.00	2988
57.00	1379	123.00	572	186.00	5318	257.00	330
61.00	304	124.00	245	187.00	1550	258.00	1402
62.00	443	125.00	275	188.00	69	259.00	216
63.00	871	127.00	19288	189.00	430	265.00	506
65.00	484	128.00	1536	191.00	69	273.00	686
67.00	69	129.00	7300	192.00	486	274.00	1886
69.00	23952	130.00	723	193.00	558	275.00	9351
70.00	70	134.00	294	194.00	82	276.00	1228
73.00	290	135.00	630	196.00	1074	277.00	942
74.00	2617	136.00	229	198.00	36976	278.00	70
75.00	3956	137.00	335	199.00	2359	285.00	88
76.00	1500	141.00	848	200.00	175	296.00	2882
77.00	26968	142.00	274	201.00	213	297.00	387
78.00	1902	143.00	121	202.00	121	303.00	318
79.00	2006	146.00	155	203.00	215	315.00	361
80.00	1338	147.00	567	204.00	1467	321.00	78
81.00	1959	148.00	1107	205.00	2490	323.00	731
82.00	469	149.00	221	206.00	10194	324.00	77
83.00	557	153.00	258	207.00	1571	327.00	160
85.00	343	154.00	175	208.00	383	334.00	628
86.00	546	155.00	587	210.00	163	335.00	87
87.00	295	156.00	740	211.00	425	346.00	178
91.00	447	157.00	75	216.00	119	352.00	205
92.00	501	158.00	77	217.00	2638	354.00	329
93.00	3140	159.00	89	218.00	376	365.00	1363
94.00	262	160.00	285	221.00	1879	366.00	170

Data File: /chem1/nt6.i/20090616.b/tune.b/cc0616.d

Date : 16-JUN-2009 11:54

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0616.d
Spectrum: Average Spectrum: 14.781 to 14.792 min. (SUB)
Location of Maximum: 198.00
Number of points: 175

m/z	Y	m/z	Y	m/z	Y	m/z	Y
97.00	67	161.00	451	222.00	290	372.00	330
98.00	2274	165.00	322	223.00	751	421.00	173
99.00	1621	166.00	388	224.00	5816	423.00	1376
100.00	71	167.00	1925	225.00	1455	424.00	298
101.00	835	168.00	988	227.00	2582	441.00	3476
103.00	353	169.00	181	228.00	353	442.00	23016
104.00	593	172.00	143	229.00	525	443.00	4335
105.00	584	173.00	71	231.00	271	444.00	464
107.00	6954	174.00	454	234.00	138		

Data File: /chem1/nt6.i/20090616.b/tune.b/cc0616.d

Date : 16-JUN-2009 11:54

Client ID:

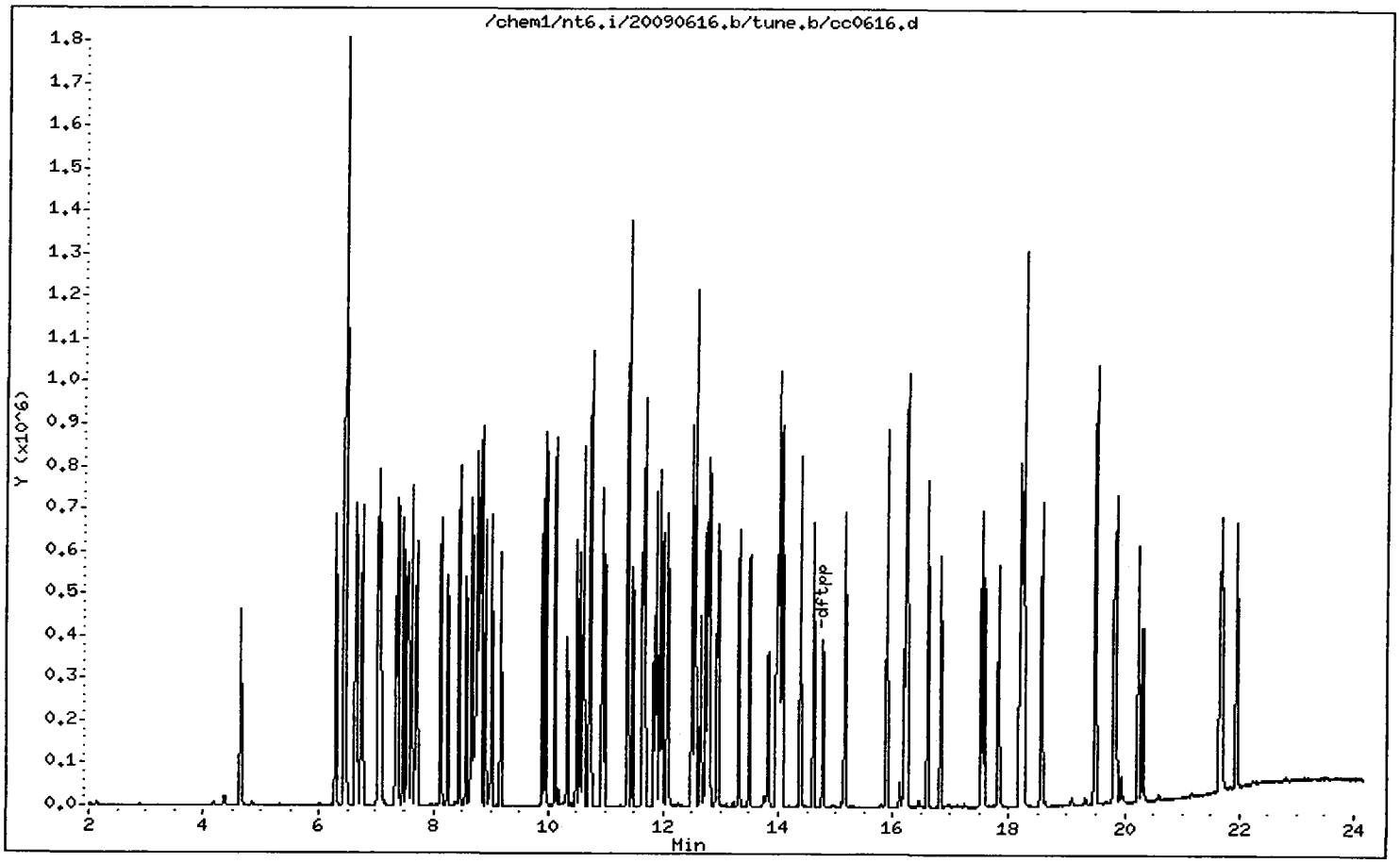
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem1/nt6.i/20090616.b/ddt.b/cc0616.d
Method: /chem1/nt6.i/20090616.b/ddt.b/sw846ddt.m
Analysis Date: 16-JUN-2009 11:54

ARI ID:
Misc:
Instrument: nt6.i

COMPOUND	RT	AREA
Pentachlorophenol	13.825	56536
Benzidine	16.202	220805
4,4'-DDE	----	----
4,4'-DDD	17.126	2336
4,4'-DDT	17.585	166311

LTK 6/17/09

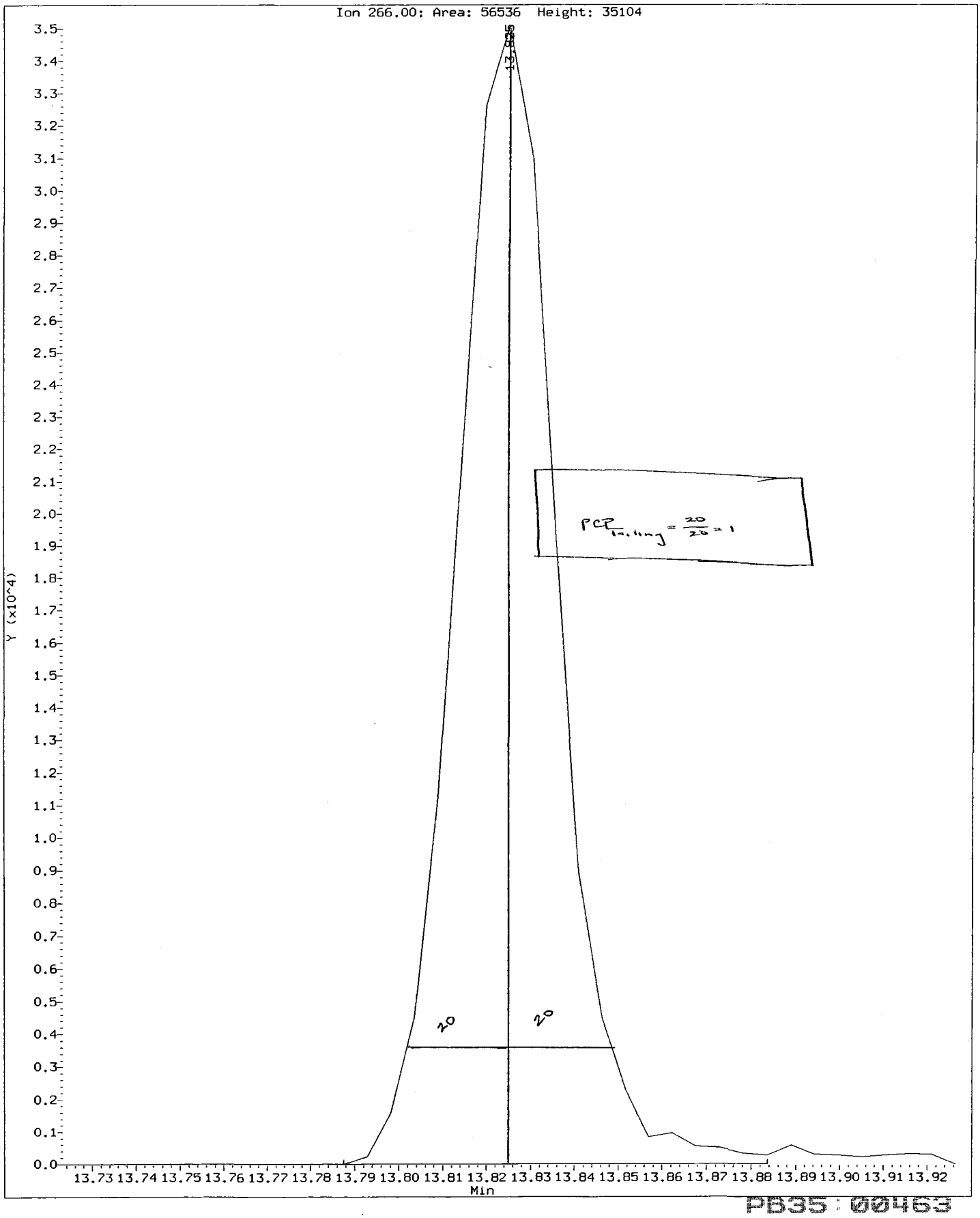
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 2336) * 100}{(0 + 2336 + 166311)}$$

DDT Percent Breakdown = 1.4 %

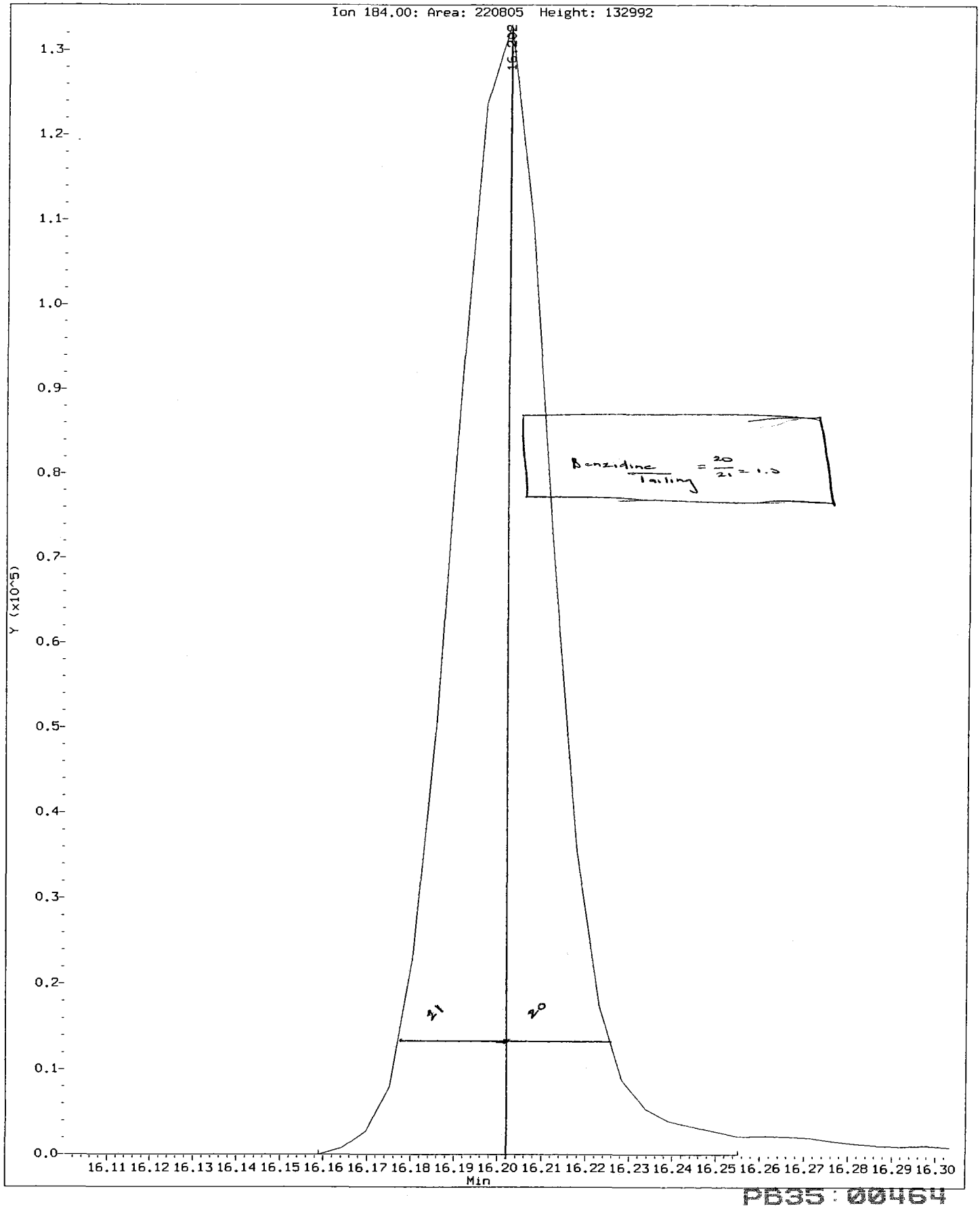
Data File: /chem1/nt6.i/20090616.b/ddt.b/cc0616.d
Injection Date: 16-JUN-2009 11:54
Instrument: nt6.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem1/nt6.i/20090616.b/ddt.b/cc0616.d
Injection Date: 16-JUN-2009 11:54
Instrument: nt6.i
Client Sample ID:

Compound: Benzidine
CAS Number:



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: MB-060809
METHOD BLANK

Lab Sample ID: MB-060809
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:11
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	**Diethylphthalate**	**20**	**25**
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	51.6%	2-Fluorobiphenyl	53.2%
d14-p-Terphenyl	66.8%	d4-1,2-Dichlorobenzene	48.4%
d5-Phenol	56.3%	2-Fluorophenol	53.1%
2,4,6-Tribromophenol	57.1%	d4-2-Chlorophenol	51.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35mb.d
Lab Smp Id: PB35MBS1 Client Smp ID: PB35MBS1
Inj Date : 15-JUN-2009 15:11
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35MBS1
Misc Info : 09-12733
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
Target Version: 3.50

LJK 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.797	4.782	(0.702)	180984	19.8844	397.7
$	2 Phenol-d5	99	6.533	6.534	(0.955)	257500	21.0676	421.4
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	6.555	6.555	(0.959)	144786	19.4396	388.8
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.838	6.849	(1.000)	110400	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.148	7.148	(1.045)	66323	12.0645	241.3
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15	4-Methylphenol	108	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	7.805	7.810	(0.876)	155404	12.9039	258.1
	19	Nitrobenzene	77	Compound Not Detected.					
	20	Isophorone	82	Compound Not Detected.					
	21	2-Nitrophenol	139	Compound Not Detected.					
	22	2,4-Dimethylphenol	107	Compound Not Detected.					
	23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24	Benzoic acid	105	Compound Not Detected.					
	25	2,4-Dichlorophenol	162	Compound Not Detected.					
	26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27	Naphthalene-d8	136	8.910	8.916	(1.000)	392139	20.0000	
	28	Naphthalene	128	Compound Not Detected.					
	29	4-Chloroaniline	127	Compound Not Detected.					
	30	Hexachlorobutadiene	225	Compound Not Detected.					
	31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32	2-Methylnaphthalene	141	Compound Not Detected.					
	33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36	2-Fluorobiphenyl	172	10.726	10.732	(0.913)	219066	13.2643	265.3
	37	2-Chloronaphthalene	162	Compound Not Detected.					
	38	2-Nitroaniline	65	Compound Not Detected.					
	39	Dimethylphthalate	163	Compound Not Detected.					
	40	Acenaphthylene	152	Compound Not Detected.					
	41	2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42	Acenaphthene-d10	164	11.746	11.747	(1.000)	222347	20.0000	
	43	3-Nitroaniline	138	Compound Not Detected.					
	44	Acenaphthene	153	Compound Not Detected.					
	45	2,4-Dinitrophenol	184	Compound Not Detected.					
	46	Dibenzofuran	168	Compound Not Detected.					
	47	4-Nitrophenol	109	Compound Not Detected.					
	48	2,4-Dinitrotoluene	165	Compound Not Detected.					
	50	Diethylphthalate	149	12.638	12.649	(1.076)	18503	1.25319	25.06
	49	Fluorene	166	Compound Not Detected.					
	51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52	4-Nitroaniline	138	Compound Not Detected.					
	53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55	2,4,6-Tribromophenol	330	13.028	13.034	(1.109)	45421	21.4243	428.5
	56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57	Hexachlorobenzene	284	Compound Not Detected.					
	58	Pentachlorophenol	266	Compound Not Detected.					
*	59	Phenanthrene-d10	188	14.075	14.081	(1.000)	345115	20.0000	
	60	Phenanthrene	178	Compound Not Detected.					
	61	Anthracene	178	Compound Not Detected.					
	62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	Compound Not Detected.					
65	Pyrene	202	Compound Not Detected.					
$ 66	Terphenyl-d14	244	16.729	16.730	(0.913)	255202	16.6919	333.8
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.326	18.338	(1.000)	286250	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	Compound Not Detected.					
72	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
* 134	Di-n-octylphthalate-d4	153	19.598	19.603	(1.000)	428866	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	Compound Not Detected.					
75	Benzo(k)fluoranthene	252	Compound Not Detected.					
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	20.452	20.453	(1.000)	310083	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35mb.d
Lab Smp Id: PB35MBS1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12733

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: PB35MBS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	110400	-1.77
27 Naphthalene-d8	384492	192246	768984	392139	1.99
42 Acenaphthene-d10	217478	108739	434956	222347	2.24
59 Phenanthrene-d10	336594	168297	673188	345115	2.53
69 Chrysene-d12	247160	123580	494320	286250	15.82
134 Di-n-octylphthala	347036	173518	694072	428866	23.58
77 Perylene-d12	232938	116469	465876	310083	33.12

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.84	-0.16
27 Naphthalene-d8	8.92	8.42	9.42	8.91	-0.07
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.00
59 Phenanthrene-d10	14.08	13.58	14.58	14.07	-0.04
69 Chrysene-d12	18.34	17.84	18.84	18.33	-0.06
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	-0.03
77 Perylene-d12	20.45	19.95	20.95	20.45	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35MBS1
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDAMBLCS.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12733

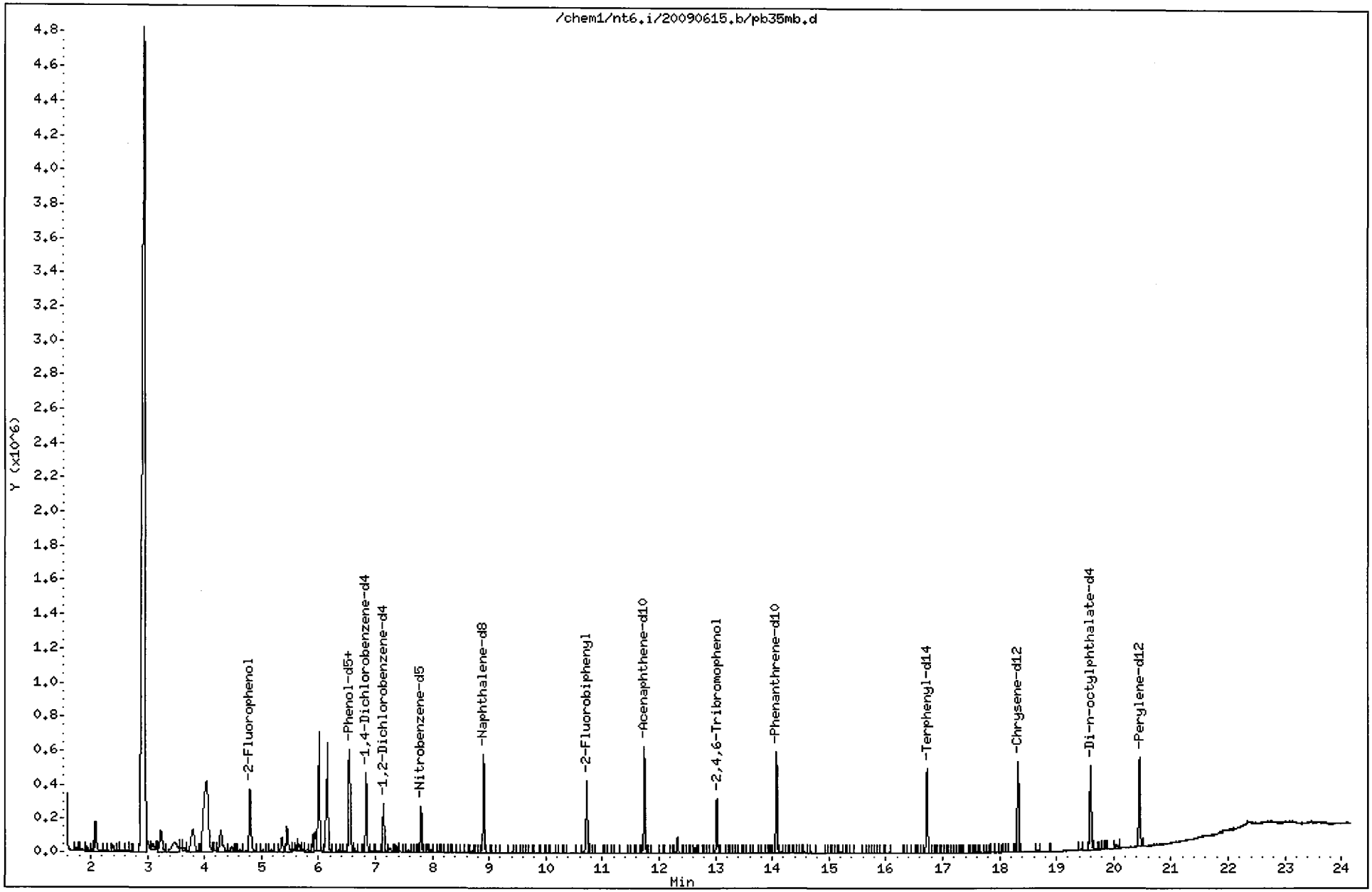
Client SDG: PB35
Fraction: SV
Client Smp ID: PB35MBS1
Operator: LJR/VTS
SampleType: BLANK
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	397.7	53.03	26-100
$ 2 Phenol-d5	750.0	421.4	56.18	10-100
$ 5 2-Chlorophenol-d4	750.0	388.8	51.84	39-100
$ 10 1,2-Dichlorobenzen	500.0	241.3	48.26	32-100
$ 18 Nitrobenzene-d5	500.0	258.1	51.62	34-100
$ 36 2-Fluorobiphenyl	500.0	265.3	53.06	39-100
$ 55 2,4,6-Tribromophen	750.0	428.5	57.13	43-108
$ 66 Terphenyl-d14	500.0	333.8	66.77	39-105

Data File: /chem1/nt6.i/20090615.b/pb35mb.d
Date : 15-JUN-2009 15:11
Client ID: PB35MBS1
Sample Info: PB35MBS1
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i

Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20090615.b/pb35mb.d

Date : 15-JUN-2009 15:11

Client ID: PB35MBS1

Instrument: nt6.i

Sample Info: PB35MBS1

Volume Injected (uL): 1.0

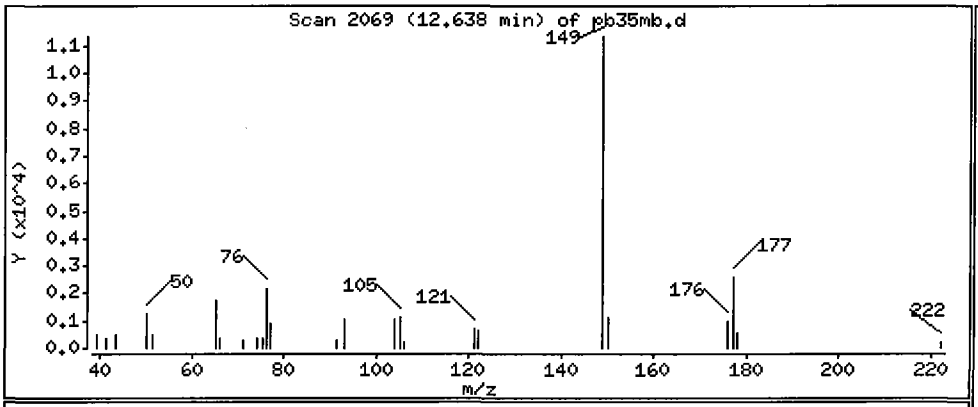
Operator: LJR/VTS

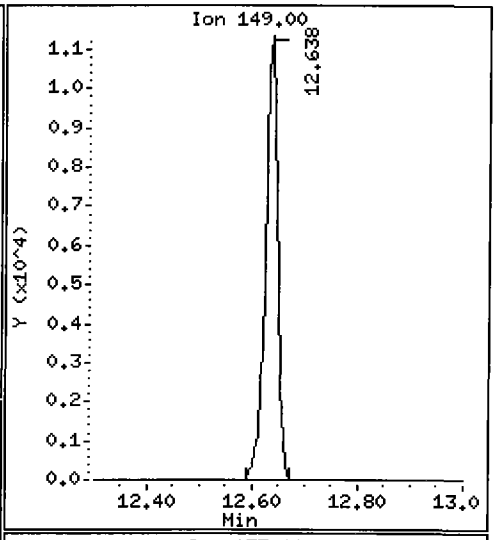
Column phase: ZB-5

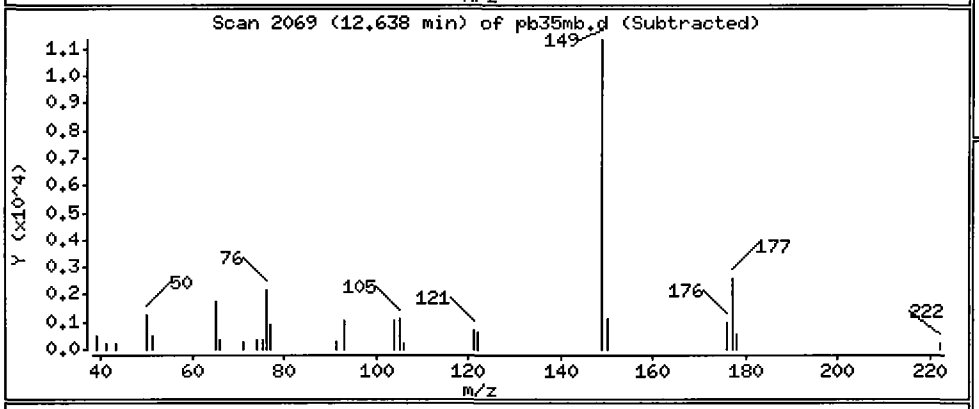
Column diameter: 0.32

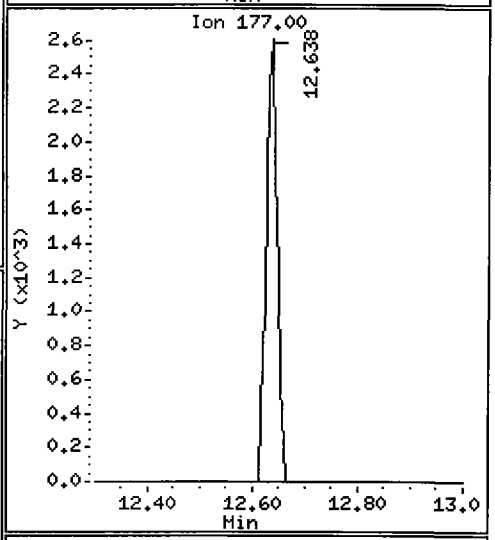
50 Diethylphthalate

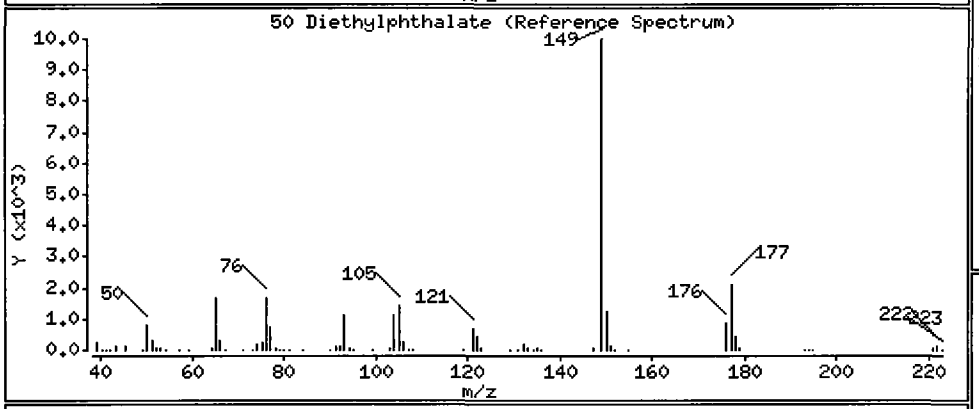
Concentration: 25.06 ug/kg

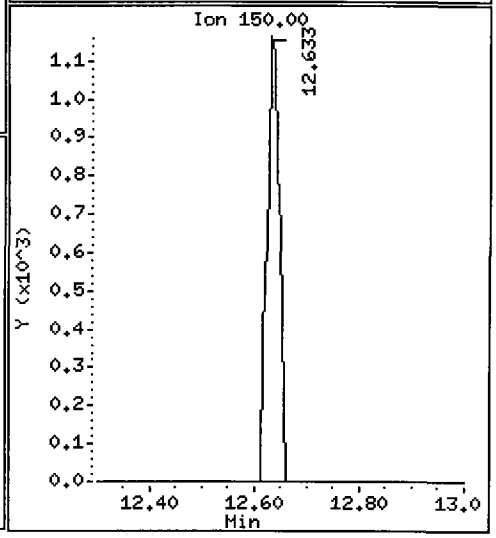


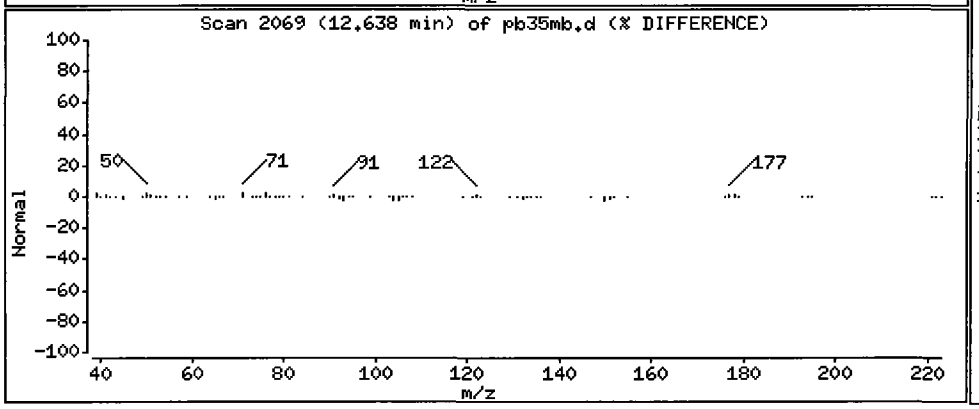












Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35sb.d
Lab Smp Id: PB35LCSS1 Client Smp ID: PB35LCSS1
Inj Date : 15-JUN-2009 15:44
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35LCSS1
Misc Info : 09-12733
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.795	4.782	(0.700)	192176	20.7421	414.8
$	2 Phenol-d5	99	6.531	6.534	(0.954)	274523	22.0647	441.3
	3 Phenol	94	6.552	6.550	(0.957)	199209	14.8246	296.5
$	5 2-Chlorophenol-d4	132	6.552	6.555	(0.957)	158691	20.9312	418.6
	4 Bis(2-Chloroethyl)ether	93	6.558	6.555	(0.958)	141350	13.9351	278.7
	6 2-Chlorophenol	128	6.579	6.582	(0.961)	115754	13.6376	272.8
	7 1,3-Dichlorobenzene	146	6.777	6.780	(0.990)	120418	13.0311	260.6
*	8 1,4-Dichlorobenzene-d4	152	6.846	6.849	(1.000)	112380	20.0000	
	9 1,4-Dichlorobenzene	146	6.873	6.870	(1.004)	122588	13.2475	265.0
$	10 1,2-Dichlorobenzene-d4	152	7.145	7.148	(1.044)	74695	13.3480	267.0
	12 1,2-Dichlorobenzene	146	7.167	7.169	(1.047)	120307	13.2431	264.9
	11 Benzyl alcohol	108	7.193	7.196	(1.051)	169008	26.8663	537.3
	14 2,2'-oxybis(1-Chloropropane)	45	7.455	7.458	(1.089)	168742	13.4288	268.6
	13 2-Methylphenol	108	7.487	7.490	(1.094)	121555	13.8127	276.3
	17 Hexachloroethane	117	7.658	7.661	(1.119)	55370	12.9443	258.9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	7.679	7.682	(1.122)	108349	12.9884	259.8
	15 4-Methylphenol	108	7.738	7.730	(1.130)	264317	29.3843	587.7
$	18 Nitrobenzene-d5	82	7.807	7.810	(0.876)	161750	13.6391	272.8
	19 Nitrobenzene	77	7.834	7.837	(0.879)	166344	13.5124	270.2
	20 Isophorone	82	8.240	8.238	(0.924)	301675	14.6529	293.1
	21 2-Nitrophenol	139	8.358	8.366	(0.938)	63069	14.0641	281.3
	22 2,4-Dimethylphenol	107	8.550	8.558	(0.959)	109894	11.1960	223.9
	23 Bis(2-Chloroethoxy)methane	93	8.673	8.676	(0.973)	162437	14.3218	286.4
	24 Benzoic acid	105	8.876	8.879	(0.996)	300588	49.0052	980.1
	25 2,4-Dichlorophenol	162	8.774	8.777	(0.984)	99212	15.5222	310.4
	26 1,2,4-Trichlorobenzene	180	8.870	8.873	(0.995)	102648	13.2241	264.5
*	27 Naphthalene-d8	136	8.913	8.916	(1.000)	386151	20.0000	
	28 Naphthalene	128	8.945	8.948	(1.004)	315243	13.7327	274.7
	29 4-Chloroaniline	127	9.127	9.130	(1.024)	117254	11.8479	237.0
	30 Hexachlorobutadiene	225	9.287	9.290	(1.042)	59705	13.7500	275.0
	31 4-Chloro-3-methylphenol	107	10.003	10.000	(1.122)	124443	15.3759	307.5
	32 2-Methylnaphthalene	141	10.067	10.070	(1.129)	173377	13.8646	277.3
	33 Hexachlorocyclopentadiene	237	10.457	10.454	(0.890)	129228	31.1905	623.8
	34 2,4,6-Trichlorophenol	196	10.611	10.614	(0.903)	71544	15.3607	307.2
	35 2,4,5-Trichlorophenol	196	10.670	10.673	(0.908)	75882	15.8949	317.9
$	36 2-Fluorobiphenyl	172	10.729	10.732	(0.913)	231252	14.2636	285.3
	37 2-Chloronaphthalene	162	10.830	10.833	(0.922)	203305	13.9927	279.9
	38 2-Nitroaniline	65	11.092	11.095	(0.944)	98118	16.2359	324.7
	39 Dimethylphthalate	163	11.493	11.496	(0.978)	237718	14.9285	298.6
	40 Acenaphthylene	152	11.493	11.496	(0.978)	325955	15.0252	300.5
	41 2,6-Dinitrotoluene	165	11.573	11.576	(0.985)	54274	15.6774	313.5
*	42 Acenaphthene-d10	164	11.749	11.747	(1.000)	218272	20.0000	
	43 3-Nitroaniline	138	11.776	11.773	(1.002)	106544	26.9546	539.1
	44 Acenaphthene	153	11.797	11.800	(1.004)	192244	14.0412	280.8
	45 2,4-Dinitrophenol	184	11.941	11.950	(1.016)	106660	60.8778	1218
	46 Dibenzofuran	168	12.059	12.062	(1.026)	291585	14.7396	294.8
	47 4-Nitrophenol	109	12.166	12.169	(1.035)	36780	14.5920	291.8
	48 2,4-Dinitrotoluene	165	12.187	12.190	(1.037)	72482	16.1451	322.9
	50 Diethylphthalate	149	12.646	12.649	(1.076)	265110	18.2908	365.8
	49 Fluorene	166	12.604	12.607	(1.073)	244130	15.0871	301.7
	51 4-Chlorophenyl-phenylether	204	12.662	12.665	(1.078)	119094	14.9122	298.2
	52 4-Nitroaniline	138	12.753	12.756	(1.085)	40982	11.6676	233.4
	53 4,6-Dinitro-2-methylphenol	198	12.833	12.836	(0.912)	147442	57.9038	1158
	54 N-Nitrosodiphenylamine	169	12.876	12.884	(0.915)	166265	15.7606	315.2
$	55 2,4,6-Tribromophenol	330	13.031	13.034	(1.109)	48606	23.3547	467.1
	56 4-Bromophenyl-phenylether	248	13.426	13.429	(0.954)	69200	16.0923	321.8
	57 Hexachlorobenzene	284	13.613	13.621	(0.967)	67640	15.4117	308.2
	58 Pentachlorophenol	266	13.934	13.942	(0.990)	32780	16.3549	327.1
*	59 Phenanthrene-d10	188	14.078	14.081	(1.000)	338128	20.0000	
	60 Phenanthrene	178	14.115	14.118	(1.003)	345716	16.1085	322.2
	61 Anthracene	178	14.185	14.188	(1.008)	320567	14.7334	294.7
	62 Carbazole	167	14.500	14.503	(1.030)	302709	16.9303	338.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	63 Di-n-butylphthalate	149	15.274	15.277	(1.085)	368979	17.2487	345.0
	64 Fluoranthene	202	16.022	16.025	(1.138)	371738	16.9657	339.3
	65 Pyrene	202	16.358	16.361	(0.892)	370073	16.4148	328.3
$	66 Terphenyl-d14	244	16.727	16.730	(0.913)	237371	16.3307	326.6
	67 Butylbenzylphthalate	149	17.646	17.649	(0.963)	153418	16.8501	337.0
	68 Benzo(a)anthracene	228	18.308	18.311	(0.999)	314632	15.6644	313.3
*	69 Chrysene-d12	240	18.329	18.338	(1.000)	272139	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.361	18.364	(1.002)	161120	21.8815	437.6
	71 Chrysene	228	18.367	18.375	(1.002)	315501	16.4047	328.1
	72 bis(2-Ethylhexyl)phthalate	149	18.671	18.674	(0.953)	214686	17.2499	345.0
*	134 Di-n-octylphthalate-d4	153	19.601	19.603	(1.000)	401277	20.0000	
	73 Di-n-octylphthalate	149	19.606	19.609	(1.000)	344656	15.9340	318.7
	74 Benzo(b)fluoranthene	252	19.942	19.945	(0.975)	335024	16.5673	331.3
	75 Benzo(k)fluoranthene	252	19.969	19.977	(0.976)	349327	16.8186	336.4
	76 Benzo(a)pyrene	252	20.370	20.378	(0.996)	268636	14.6751	293.5
*	77 Perylene-d12	264	20.450	20.453	(1.000)	279055	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.796	21.799	(1.066)	435814	17.8593	357.2
	79 Dibenzo(a,h)anthracene	278	21.828	21.831	(1.067)	342600	18.4924	369.8
	80 Benzo(g,h,i)perylene	276	22.079	22.087	(1.080)	386658	18.1302	362.6
	90 N-Nitrosodimethylamine	74	1.959	1.930	(0.286)	99768	14.0125	280.2
	91 Aniline	93	6.403	6.406	(0.935)	129806	7.61631	152.3
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	1.954	1.914	(0.285)	131494	10.7665	215.3
	105 1-methylnaphthalene	141	10.232	10.235	(1.148)	181641	15.1677	303.4
	111 Azobenzene (1,2-DP-Hydrazine)	77	12.908	12.911	(1.099)	353730	15.2496	305.0

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35sb.d
Lab Smp Id: PB35LCSS1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12733

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: PB35LCSS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	112380	-0.01
27 Naphthalene-d8	384492	192246	768984	386151	0.43
42 Acenaphthene-d10	217478	108739	434956	218272	0.37
59 Phenanthrene-d10	336594	168297	673188	338128	0.46
69 Chrysene-d12	247160	123580	494320	272139	10.11
134 Di-n-octylphthala	347036	173518	694072	401277	15.63
77 Perylene-d12	232938	116469	465876	279055	19.80

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	-0.04
27 Naphthalene-d8	8.92	8.42	9.42	8.91	-0.03
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.02
59 Phenanthrene-d10	14.08	13.58	14.58	14.08	-0.02
69 Chrysene-d12	18.34	17.84	18.84	18.33	-0.05
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	-0.01
77 Perylene-d12	20.45	19.95	20.95	20.45	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35LCSS1
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDAMBLCS.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12733

Client SDG: PB35
Fraction: SV
Client Smp ID: PB35LCSS1
Operator: LJR/VTS
SampleType: LCS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED		LIMITS
3	Phenol	500.0	296.5	59.30		31-102
4	Bis(2-Chloroethyl)	500.0	278.7	55.74		30-100
6	2-Chlorophenol	500.0	272.8	54.55		36-100
7	1,3-Dichlorobenzen	500.0	260.6	52.12		32-100
9	1,4-Dichlorobenzen	500.0	265.0	52.99		33-100
11	Benzyl alcohol	1000	537.3	53.73		10-100
12	1,2-Dichlorobenzen	500.0	264.9	52.97		34-100
13	2-Methylphenol	500.0	276.3	55.25		34-100
14	2,2'-oxybis(1-Chlo	500.0	268.6	53.72		29-100
15	4-Methylphenol	1000	587.7	58.77		39-100
16	N-Nitroso-di-n-pro	500.0	259.8	51.95		32-100
17	Hexachloroethane	500.0	258.9	51.78		29-100
19	Nitrobenzene	500.0	270.2	54.05		28-100
20	Isophorone	500.0	293.1	58.61		46-100
21	2-Nitrophenol	500.0	281.3	56.26	OK	37-100
22	2,4-Dimethylphenol	500.0	223.9	44.78		19-100
23	Bis(2-Chloroethoxy	500.0	286.4	57.29		38-100
24	Benzoic acid	1500	980.1	65.34		21-123
25	2,4-Dichlorophenol	500.0	310.4	62.09		39-100
26	1,2,4-Trichloroben	500.0	264.5	52.90		36-100
28	Naphthalene	500.0	274.7	54.93		37-100
29	4-Chloroaniline	1200	237.0	19.75		10-100
30	Hexachlorobutadien	500.0	275.0	55.00		33-100
31	4-Chloro-3-methylp	500.0	307.5	61.50		42-102
32	2-Methylnaphthalen	500.0	277.3	55.46		41-100
33	Hexachlorocyclopen	1500	623.8	41.59		15-104
34	2,4,6-Trichlorophe	500.0	307.2	61.44		42-100
35	2,4,5-Trichlorophe	500.0	317.9	63.58		43-100
37	2-Chloronaphthalen	500.0	279.9	55.97		36-100
38	2-Nitroaniline	500.0	324.7	64.94		41-100
39	Dimethylphthalate	500.0	298.6	59.71		48-100
40	Acenaphthylene	500.0	300.5	60.10		42-100
41	2,6-Dinitrotoluene	500.0	313.5	62.71		44-106

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	1280	539.1	42.12	15-108
44 Acenaphthene	500.0	280.8	56.16	38-100
45 2,4-Dinitrophenol	1500	1218	81.17	20-140
46 Dibenzofuran	500.0	294.8	58.96	45-100
47 4-Nitrophenol	500.0	291.8	58.37	21-108
48 2,4-Dinitrotoluene	500.0	322.9	64.58	48-111
49 Fluorene	500.0	301.7	60.35	45-100
50 Diethylphthalate	500.0	365.8	73.16	48-102
51 4-Chlorophenyl-phe	500.0	298.2	59.65	45-100
52 4-Nitroaniline	500.0	233.4	46.67	25-100
53 4,6-Dinitro-2-meth	1500	1158	77.21	23-115
54 N-Nitrosodiphenyla	500.0	315.2	63.04	50-128
56 4-Bromophenyl-phen	500.0	321.8	64.37	45-100
57 Hexachlorobenzene	500.0	308.2	61.65	44-101
58 Pentachlorophenol	500.0	327.1	65.42	35-105
60 Phenanthrene	500.0	322.2	64.43	45-100
61 Anthracene	500.0	294.7	58.93	43-100
62 Carbazole	500.0	338.6	67.72	51-106
63 Di-n-butylphthalat	500.0	345.0	68.99	51-109
64 Fluoranthene	500.0	339.3	67.86	52-107
65 Pyrene	500.0	328.3	65.66	41-113
67 Butylbenzylphthala	500.0	337.0	67.40	40-118
68 Benzo(a)anthracene	500.0	313.3	62.66	44-106
70 3,3'-Dichlorobenzi	1280	437.6	34.19	10-100
71 Chrysene	500.0	328.1	65.62	48-102
72 bis(2-Ethylhexyl)p	500.0	345.0	69.00	38-125
73 Di-n-octylphthalat	500.0	318.7	63.74	29-116
74 Benzo(b)fluoranthe	500.0	331.3	66.27	49-112
75 Benzo(k)fluoranthe	500.0	336.4	67.27	48-116
76 Benzo(a)pyrene	500.0	293.5	58.70	41-100
78 Indeno(1,2,3-cd)py	500.0	357.2	71.44	29-117
79 Dibenzo(a,h)anthra	500.0	369.8	73.97	34-117
80 Benzo(g,h,i)peryle	500.0	362.6	72.52	24-122
91 Aniline	1220	152.3	12.49	10-100
111 Azobenzene (1,2-DP	500.0	305.0	61.00	44-101
90 N-Nitrosodimethyla	500.0	280.2	56.05	25-100
105 1-methylnaphthalen	500.0	303.4	60.67	40-100
103 Pyridine	500.0	215.3	43.07	10-100

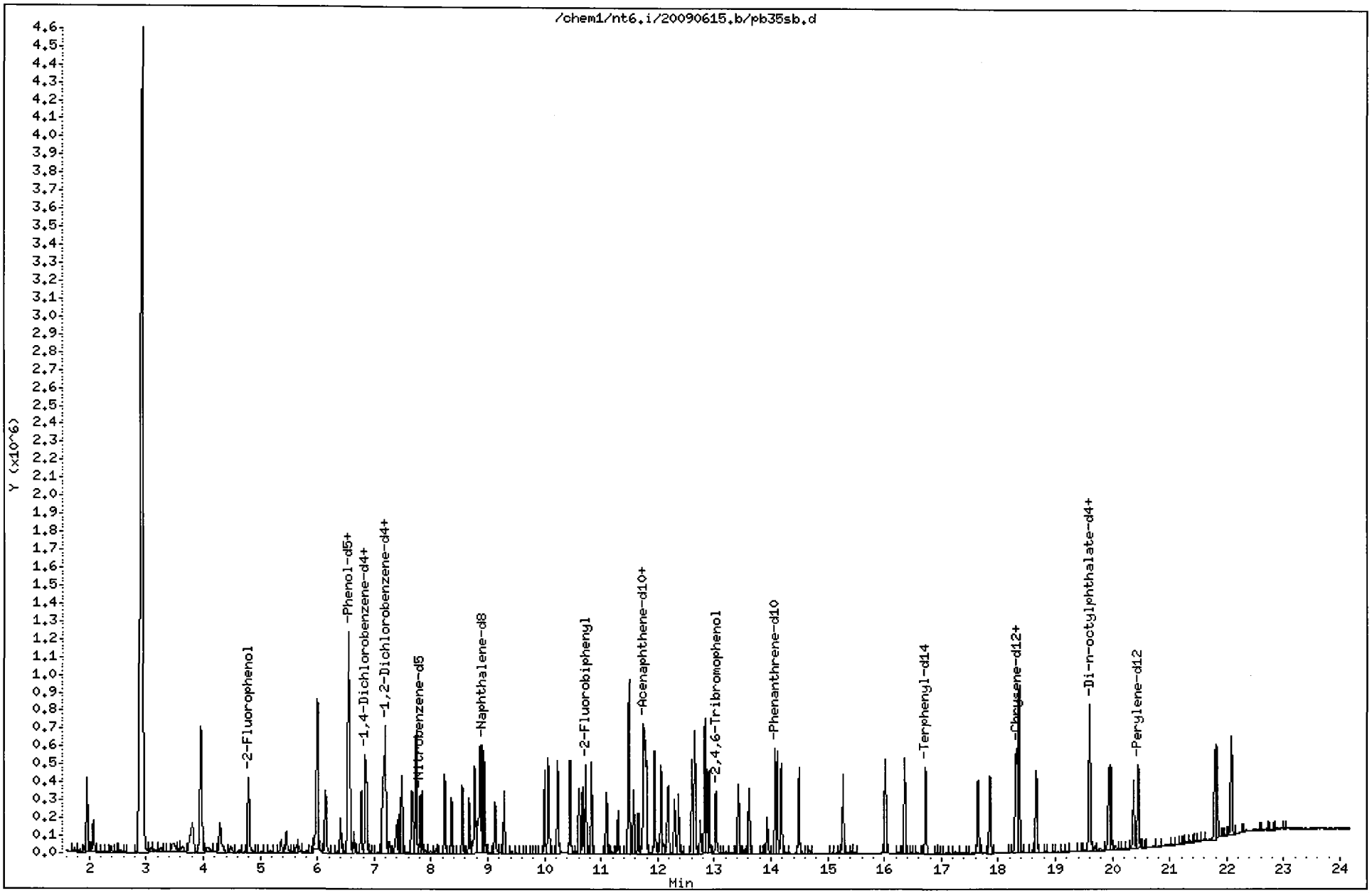
OK

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	414.8	55.31	26-100
$ 2 Phenol-d5	750.0	441.3	58.84	10-100

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 5 2-Chlorophenol-d4	750.0	418.6	55.82	39-100
$ 10 1,2-Dichlorobenzen	500.0	267.0	53.39	32-100
$ 18 Nitrobenzene-d5	500.0	272.8	54.56	34-100
$ 36 2-Fluorobiphenyl	500.0	285.3	57.05	39-100
$ 55 2,4,6-Tribromophen	750.0	467.1	62.28	43-108
$ 66 Terphenyl-d14	500.0	326.6	65.32	39-105

Data File: /chem1/nt6.i/20090615.b/pb35sb.d
Date : 15-JUN-2009 15:44
Client ID: PB35LCSS1
Sample Info: PB35LCSS1
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED12-B
MATRIX SPIKE

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 21:44
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 40.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
541-73-1	1,3-Dichlorobenzene	20	---
106-46-7	1,4-Dichlorobenzene	20	---
100-51-6	Benzyl Alcohol	20	---
95-50-1	1,2-Dichlorobenzene	20	---
95-48-7	2-Methylphenol	20	---
106-44-5	4-Methylphenol	20	---
67-72-1	Hexachloroethane	20	---
105-67-9	2,4-Dimethylphenol	20	---
65-85-0	Benzoic Acid	200	---
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	---
87-68-3	Hexachlorobutadiene	20	---
91-57-6	2-Methylnaphthalene	20	---
131-11-3	Dimethylphthalate	20	---
208-96-8	Acenaphthylene	20	---
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	---
84-66-2	Diethylphthalate	20	---
86-73-7	Fluorene	20	---
86-30-6	N-Nitrosodiphenylamine	20	---
118-74-1	Hexachlorobenzene	20	---
87-86-5	Pentachlorophenol	99	---
85-01-8	Phenanthrene	20	---
120-12-7	Anthracene	20	---
84-74-2	Di-n-Butylphthalate	20	---
206-44-0	Fluoranthene	20	---
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	---
56-55-3	Benzo(a)anthracene	20	---
117-81-7	bis(2-Ethylhexyl)phthalate	20	---
218-01-9	Chrysene	20	---
117-84-0	Di-n-Octyl phthalate	20	---
205-99-2	Benzo(b)fluoranthene	20	---
207-08-9	Benzo(k)fluoranthene	20	---
50-32-8	Benzo(a)pyrene	20	---
193-39-5	Indeno(1,2,3-cd)pyrene	20	---
53-70-3	Dibenz(a,h)anthracene	20	---
191-24-2	Benzo(g,h,i)perylene	20	---
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.8%	2-Fluorobiphenyl	62.0%
d14-p-Terphenyl	56.8%	d4-1,2-Dichlorobenzene	54.0%
d5-Phenol	62.9%	2-Fluorophenol	56.8%
2,4,6-Tribromophenol	72.3%	d4-2-Chlorophenol	59.2%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35qms.d
Lab Smp Id: PB35QMS Client Smp ID: 3SED12-B MS
Inj Date : 15-JUN-2009 21:44
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35QMS
Misc Info : 09-12733
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 14 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	42.50000	Weight of sample extracted (g)
M	40.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.809	4.782	(0.702)	169017	21.3169	420.1
$	2 Phenol-d5	99	6.582	6.534	(0.960)	250875	23.5622	464.3
	3 Phenol	94	6.609	6.550	(0.964)	165424	14.3851	283.5
$	5 2-Chlorophenol-d4	132	6.566	6.555	(0.958)	144307	22.2418	438.3
	4 Bis(2-Chloroethyl)ether	93	6.561	6.555	(0.957)	131781	15.1813	299.2
	6 2-Chlorophenol	128	6.593	6.582	(0.962)	106764	14.6983	289.7
	7 1,3-Dichlorobenzene	146	6.780	6.780	(0.989)	106932	13.5219	266.5
*	8 1,4-Dichlorobenzene-d4	152	6.854	6.849	(1.000)	96172	20.0000	
	9 1,4-Dichlorobenzene	146	6.876	6.870	(1.003)	107931	13.6293	268.6
$	10 1,2-Dichlorobenzene-d4	152	7.154	7.148	(1.044)	64694	13.5092	266.2
	12 1,2-Dichlorobenzene	146	7.175	7.169	(1.047)	105240	13.5369	266.8
	11 Benzyl alcohol	108	7.207	7.196	(1.051)	150974	28.0442	552.6
	14 2,2'-oxybis(1-Chloropropane)	45	7.463	7.458	(1.089)	282528	26.2733	517.8(B)
	13 2-Methylphenol	108	7.506	7.490	(1.095)	109947	14.5992	287.7
	17 Hexachloroethane	117	7.661	7.661	(1.118)	46206	12.6225	248.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	7.688	7.682	(1.122)	102512	14.3597	283.0 (M)
	15 4-Methylphenol	108	7.752	7.730	(1.131)	245312	31.8676	628.0
$	18 Nitrobenzene-d5	82	7.816	7.810	(0.877)	141242	14.1660	279.2
	19 Nitrobenzene	77	7.843	7.837	(0.880)	148393	14.3378	282.5
	20 Isophorone	82	8.254	8.238	(0.926)	265148	15.3185	301.9
	21 2-Nitrophenol	139	8.366	8.366	(0.938)	55950	14.8401	292.4
	22 2,4-Dimethylphenol	107	8.558	8.558	(0.960)	124259	15.0577	296.7
	23 Bis(2-Chloroethoxy)methane	93	8.676	8.676	(0.973)	143213	15.0189	296.0
	24 Benzoic acid	105	8.863	8.879	(0.994)	173042	33.5556	661.3 (MH)
	25 2,4-Dichlorophenol	162	8.783	8.777	(0.985)	89263	16.6113	327.3
	26 1,2,4-Trichlorobenzene	180	8.873	8.873	(0.995)	91087	13.9578	275.1
*	27 Naphthalene-d8	136	8.916	8.916	(1.000)	324649	20.0000	
	28 Naphthalene	128	8.948	8.948	(1.004)	281430	14.5822	287.4
	29 4-Chloroaniline	127	9.156	9.130	(1.027)	21803	2.62044	51.64 (RM)
	30 Hexachlorobutadiene	225	9.290	9.290	(1.042)	55241	15.1320	298.2
	31 4-Chloro-3-methylphenol	107	10.011	10.000	(1.123)	114685	16.8546	332.1
	32 2-Methylnaphthalene	141	10.070	10.070	(1.129)	156700	14.9049	293.7
	33 Hexachlorocyclopentadiene	237	10.454	10.454	(0.890)	82683	24.0954	474.8
	34 2,4,6-Trichlorophenol	196	10.615	10.614	(0.903)	65864	17.0741	336.5
	35 2,4,5-Trichlorophenol	196	10.684	10.673	(0.909)	69633	17.6111	347.1
$	36 2-Fluorobiphenyl	172	10.732	10.732	(0.913)	207629	15.4626	304.7
	37 2-Chloronaphthalene	162	10.834	10.833	(0.922)	181353	15.0706	297.0
	38 2-Nitroaniline	65	11.101	11.095	(0.945)	89306	17.8427	351.6
	39 Dimethylphthalate	163	11.501	11.496	(0.979)	224579	17.0285	335.6
	40 Acenaphthylene	152	11.496	11.496	(0.978)	297003	16.5301	325.7
	41 2,6-Dinitrotoluene	165	11.581	11.576	(0.985)	49096	17.1231	337.4
*	42 Acenaphthene-d10	164	11.752	11.747	(1.000)	180778	20.0000	
	43 3-Nitroaniline	138	11.779	11.773	(1.002)	49775	15.2043	299.6
	44 Acenaphthene	153	11.800	11.800	(1.004)	178328	15.7262	309.9
	45 2,4-Dinitrophenol	184	11.950	11.950	(1.017)	92937	63.4523	1250
	46 Dibenzofuran	168	12.062	12.062	(1.026)	263934	16.1090	317.4
	47 4-Nitrophenol	109	12.180	12.169	(1.036)	43208	20.6976	407.9
	48 2,4-Dinitrotoluene	165	12.196	12.190	(1.038)	68501	18.4230	363.1
	50 Diethylphthalate	149	12.650	12.649	(1.076)	223133	18.5876	366.3
	49 Fluorene	166	12.612	12.607	(1.073)	228877	17.0781	336.5
	51 4-Chlorophenyl-phenylether	204	12.666	12.665	(1.078)	109340	16.5304	325.8
	52 4-Nitroaniline	138	12.756	12.756	(1.085)	32216	11.0742	218.2
	53 4,6-Dinitro-2-methylphenol	198	12.842	12.836	(0.912)	140521	63.8531	1258
	54 N-Nitrosodiphenylamine	169	12.885	12.884	(0.915)	157252	17.2473	339.9
$	55 2,4,6-Tribromophenol	330	13.034	13.034	(1.109)	46788	27.1438	534.9
	56 4-Bromophenyl-phenylether	248	13.435	13.429	(0.954)	64072	17.2400	339.7
	57 Hexachlorobenzene	284	13.622	13.621	(0.967)	64186	16.9216	333.5
	58 Pentachlorophenol	266	13.942	13.942	(0.990)	36654	21.1599	417.0
*	59 Phenanthrene-d10	188	14.086	14.081	(1.000)	292231	20.0000	
	60 Phenanthrene	178	14.124	14.118	(1.003)	343743	18.5321	365.2
	61 Anthracene	178	14.193	14.188	(1.008)	315156	16.7596	330.3
	62 Carbazole	167	14.508	14.503	(1.030)	311583	20.1636	397.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	63 Di-n-butylphthalate	149	15.283	15.277	(1.085)	357477	19.3356	381.0
	64 Fluoranthene	202	16.030	16.025	(1.138)	438371	23.1489	456.2
	65 Pyrene	202	16.372	16.361	(0.892)	458487	16.2439	320.1
$	66 Terphenyl-d14	244	16.735	16.730	(0.912)	257539	14.1525	278.9
	67 Butylbenzylphthalate	149	17.654	17.649	(0.962)	180907	15.8707	312.8
	68 Benzo(a)anthracene	228	18.322	18.311	(0.999)	454386	18.0697	356.1
*	69 Chrysene-d12	240	18.348	18.338	(1.000)	340703	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.370	18.364	(1.001)	91984	9.97828	196.6
	71 Chrysene	228	18.386	18.375	(1.002)	466217	19.3629	381.6
	72 bis(2-Ethylhexyl)phthalate	149	18.674	18.674	(0.953)	269093	17.8261	351.3
*	134 Di-n-octylphthalate-d4	153	19.604	19.603	(1.000)	486713	20.0000	
	73 Di-n-octylphthalate	149	19.614	19.609	(1.001)	472049	17.9928	354.6
	74 Benzo(b)fluoranthene	252	19.956	19.945	(0.975)	524293	20.7345	408.6
	75 Benzo(k)fluoranthene	252	19.988	19.977	(0.977)	481046	18.5220	365.0
	76 Benzo(a)pyrene	252	20.389	20.378	(0.996)	396414	17.3185	341.3
*	77 Perylene-d12	264	20.463	20.453	(1.000)	348937	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.815	21.799	(1.066)	506027	16.5837	326.8
	79 Dibenzo(a,h)anthracene	278	21.841	21.831	(1.067)	405982	17.5249	345.4
	80 Benzo(g,h,i)perylene	276	22.098	22.087	(1.080)	399663	14.9869	295.3
	90 N-Nitrosodimethylamine	74	1.967	1.930	(0.287)	89192	14.6383	288.5
	91 Aniline	93	6.561	6.406	(0.957)	131781	9.03531	178.1
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	1.957	1.914	(0.285)	104837	10.0305	197.7
	105 1-methylnaphthalene	141	10.235	10.235	(1.148)	157943	15.6874	309.1
	111 Azobenzene (1,2-DP-Hydrazine)	77	12.911	12.911	(1.099)	325229	16.9289	333.6

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35qms.d
Lab Smp Id: PB35QMS
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12733

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED12-B MS
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	96172	-14.43
27 Naphthalene-d8	384492	192246	768984	324649	-15.56
42 Acenaphthene-d10	217478	108739	434956	180778	-16.88
59 Phenanthrene-d10	336594	168297	673188	292231	-13.18
69 Chrysene-d12	247160	123580	494320	340703	37.85
134 Di-n-octylphthala	347036	173518	694072	486713	40.25
77 Perylene-d12	232938	116469	465876	348937	49.80

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.08
27 Naphthalene-d8	8.92	8.42	9.42	8.92	0.00
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.05
59 Phenanthrene-d10	14.08	13.58	14.58	14.09	0.04
69 Chrysene-d12	18.34	17.84	18.84	18.35	0.06
134 Di-n-octylphthala	19.60	19.10	20.10	19.60	0.00
77 Perylene-d12	20.45	19.95	20.95	20.46	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35QMS
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12733

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED12-B MS
Operator: LJR/VTS
SampleType: MS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	492.7	283.5	57.54	31-102
4	Bis(2-Chloroethyl)	492.7	299.2	60.73	30-100
6	2-Chlorophenol	492.7	289.7	58.79	36-100
7	1,3-Dichlorobenzen	492.7	266.5	54.09	32-100
9	1,4-Dichlorobenzen	492.7	268.6	54.52	33-100
11	Benzyl alcohol	985.3	552.6	56.09	10-100
12	1,2-Dichlorobenzen	492.7	266.8	54.15	34-100
13	2-Methylphenol	492.7	287.7	58.40	34-100
14	2,2'-oxybis(1-Chlo	492.7	517.8	105.09 (*)	29-100
15	4-Methylphenol	985.3	628.0	63.74	39-100
16	N-Nitroso-di-n-pro	492.7	283.0	57.44	32-100
17	Hexachloroethane	492.7	248.7	50.49	29-100
19	Nitrobenzene	492.7	282.5	57.35	28-100
20	Isophorone	492.7	301.9	61.27	46-100
21	2-Nitrophenol	492.7	292.4	59.36	37-100
22	2,4-Dimethylphenol	492.7	296.7	60.23	19-100
23	Bis(2-Chloroethoxy	492.7	296.0	60.08	38-100
24	Benzoic acid	1478	661.3	44.74	21-123
25	2,4-Dichlorophenol	492.7	327.3	66.45	39-100
26	1,2,4-Trichloroben	492.7	275.1	55.83	36-100
28	Naphthalene	492.7	287.4	58.33	37-100
29	4-Chloroaniline	1182	51.64	4.37 (*)	10-100
30	Hexachlorobutadien	492.7	298.2	60.53	33-100
31	4-Chloro-3-methylp	492.7	332.1	67.42	42-102
32	2-Methylnaphthalen	492.7	293.7	59.62	41-100
33	Hexachlorocyclopen	1478	474.8	32.13	15-104
34	2,4,6-Trichlorophe	492.7	336.5	68.30	42-100
35	2,4,5-Trichlorophe	492.7	347.1	70.44	43-100
37	2-Chloronaphthalen	492.7	297.0	60.28	36-100
38	2-Nitroaniline	492.7	351.6	71.37	41-100
39	Dimethylphthalate	492.7	335.6	68.11	48-100
40	Acenaphthylene	492.7	325.7	66.12	42-100
41	2,6-Dinitrotoluene	492.7	337.4	68.49	44-106

OK

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	1261	299.6	23.76	15-108
44 Acenaphthene	492.7	309.9	62.90	38-100
45 2,4-Dinitrophenol	1478	1250	84.60	20-140
46 Dibenzofuran	492.7	317.4	64.44	45-100
47 4-Nitrophenol	492.7	407.9	82.79	21-108
48 2,4-Dinitrotoluene	492.7	363.1	73.69	48-111
49 Fluorene	492.7	336.5	68.31	45-100
50 Diethylphthalate	492.7	366.3	74.35	48-102
51 4-Chlorophenyl-phe	492.7	325.8	66.12	45-100
52 4-Nitroaniline	492.7	218.2	44.30	25-100
53 4,6-Dinitro-2-meth	1478	1258	85.14	23-115
54 N-Nitrosodiphenyla	492.7	339.9	68.99	50-128
56 4-Bromophenyl-phen	492.7	339.7	68.96	45-100
57 Hexachlorobenzene	492.7	333.5	67.69	44-101
58 Pentachlorophenol	492.7	417.0	84.64	35-105
60 Phenanthrene	492.7	365.2	74.13	45-100
61 Anthracene	492.7	330.3	OK 67.04	43-100
62 Carbazole	492.7	397.4	80.65	51-106
63 Di-n-butylphthalat	492.7	381.0	77.34	51-109
64 Fluoranthene	492.7	456.2	92.60	52-107
65 Pyrene	492.7	320.1	64.98	41-113
67 Butylbenzylphthala	492.7	312.8	63.48	40-118
68 Benzo(a)anthracene	492.7	356.1	72.28	44-106
70 3,3'-Dichlorobenzi	1261	196.6	15.59	10-100
71 Chrysene	492.7	381.6	77.45	48-102
72 bis(2-Ethylhexyl)p	492.7	351.3	71.30	38-125
73 Di-n-octylphthalat	492.7	354.6	71.97	29-116
74 Benzo(b)fluoranthe	492.7	408.6	82.94	49-112
75 Benzo(k)fluoranthe	492.7	365.0	74.09	48-116
76 Benzo(a)pyrene	492.7	341.3	69.27	41-100
78 Indeno(1,2,3-cd)py	492.7	326.8	66.33	29-117
79 Dibenzo(a,h)anthra	492.7	345.4	70.10	34-117
80 Benzo(g,h,i)peryle	492.7	295.3	59.95	24-122
91 Aniline	1202	178.1	14.81	10-100
111 Azobenzene (1,2-DP	492.7	333.6	67.72	44-101
90 N-Nitrosodimethyla	492.7	288.5	58.55	25-100
105 1-methylnaphthalen	492.7	309.1	62.75	40-100
103 Pyridine	492.7	197.7	40.12	10-100

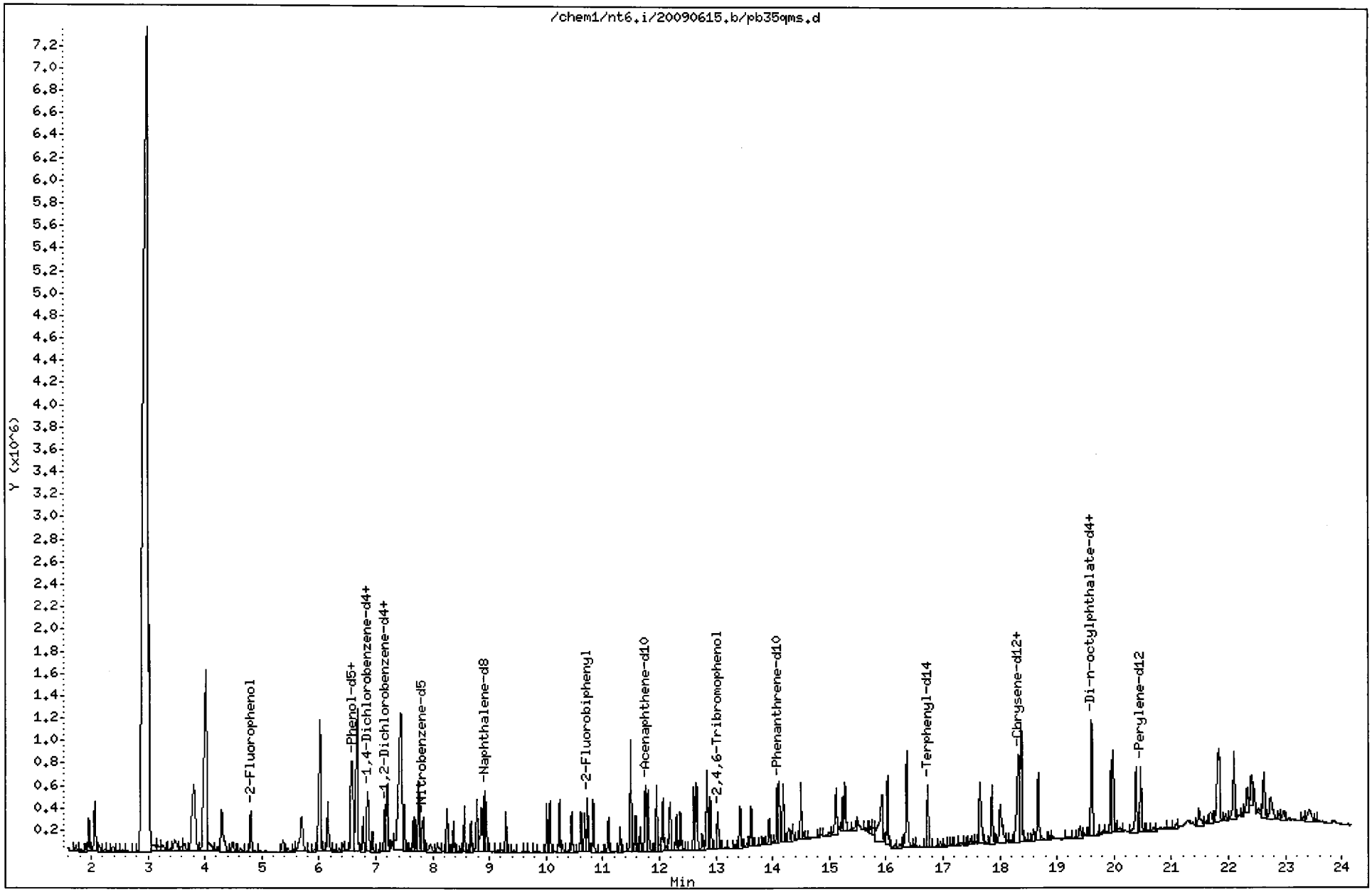
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	739.0	420.1	56.85	21-100
$ 2 Phenol-d5	739.0	464.3	62.83	10-100

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 5 2-Chlorophenol-d4	739.0	438.3	59.31	30-100
$ 10 1,2-Dichlorobenzen	492.7	266.2	54.04	24-100
$ 18 Nitrobenzene-d5	492.7	279.2	56.66	26-100
$ 36 2-Fluorobiphenyl	492.7	304.7	61.85	32-100
$ 55 2,4,6-Tribromophen	739.0	534.9	72.38	33-118
$ 66 Terphenyl-d14	492.7	278.9	56.61	21-97

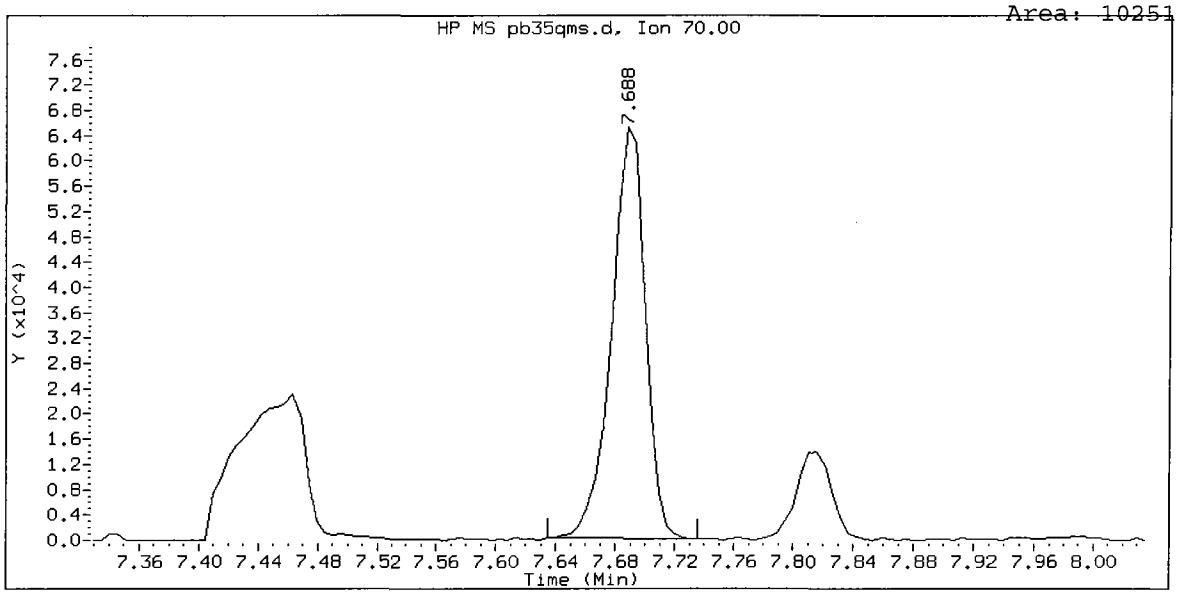
Data File: /chem1/nt6.i/20090615.b/pb35qms.d
Date : 15-JUN-2009 21:44
Client ID: 3SED12-B MS
Sample Info: PB35QMS
Volume Injected (uL): 1.0
Column phase: ZB-5

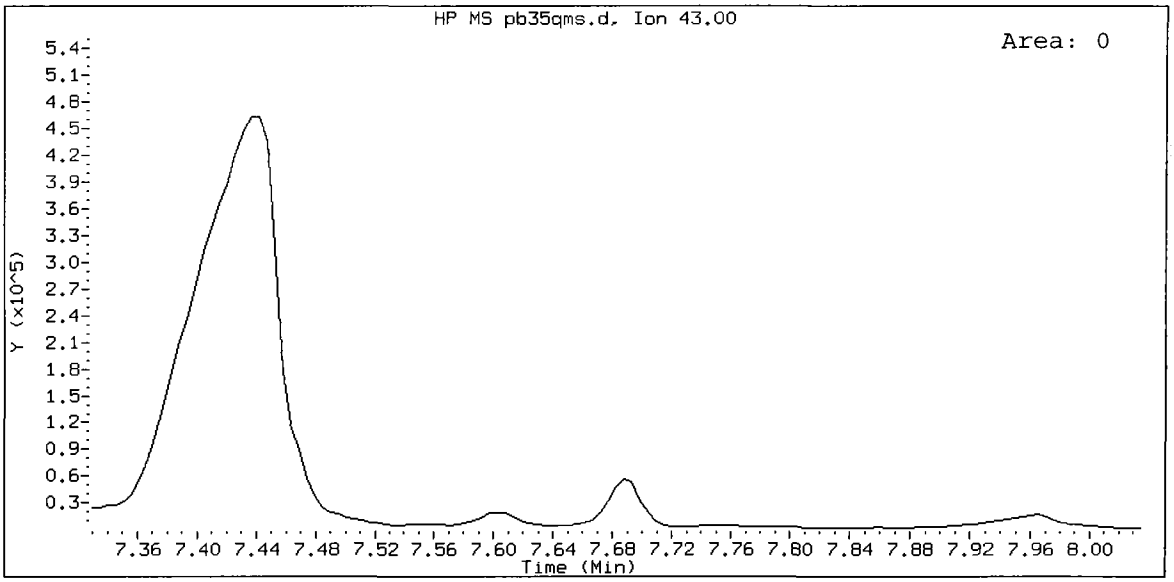
Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

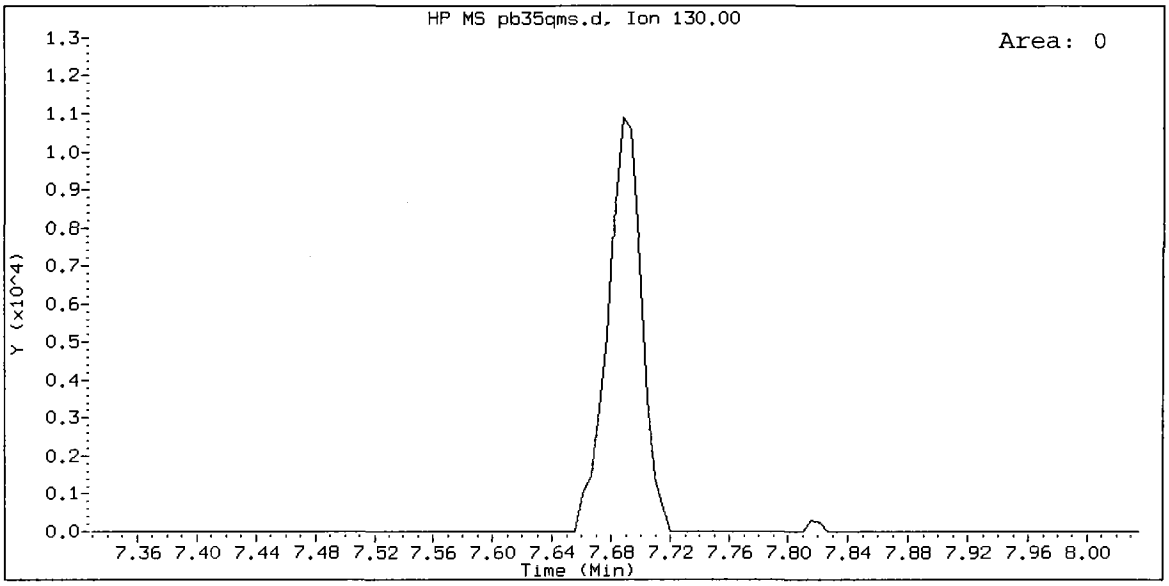
PB35:60433



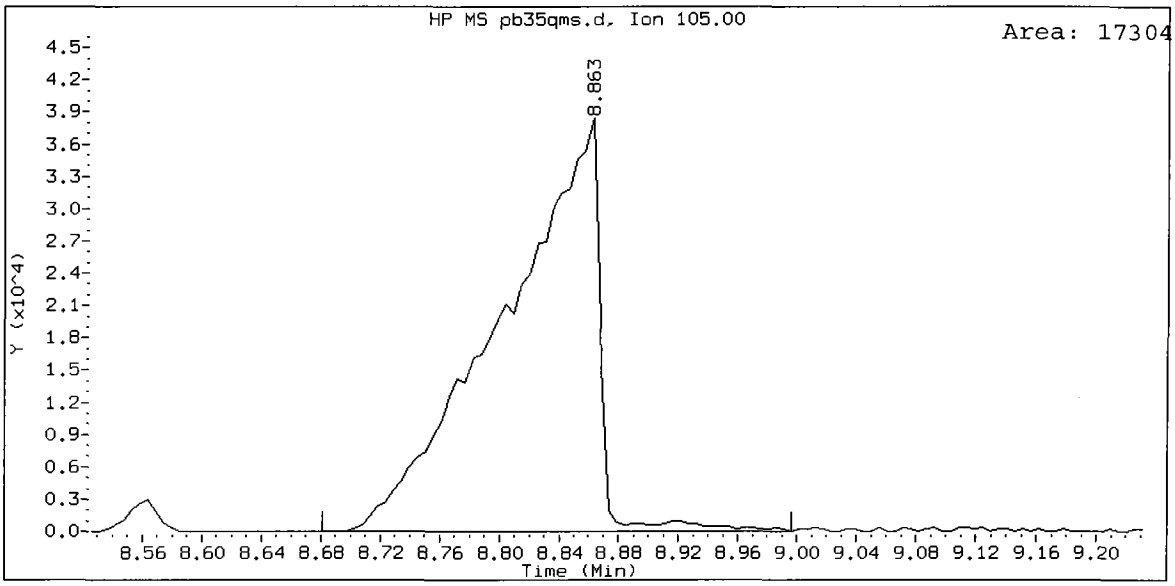
PB35QMS, /chem1/nt6.i/20090615.b/pb35qms.d
N-Nitroso-di-n-propylamine Amount: 14.36

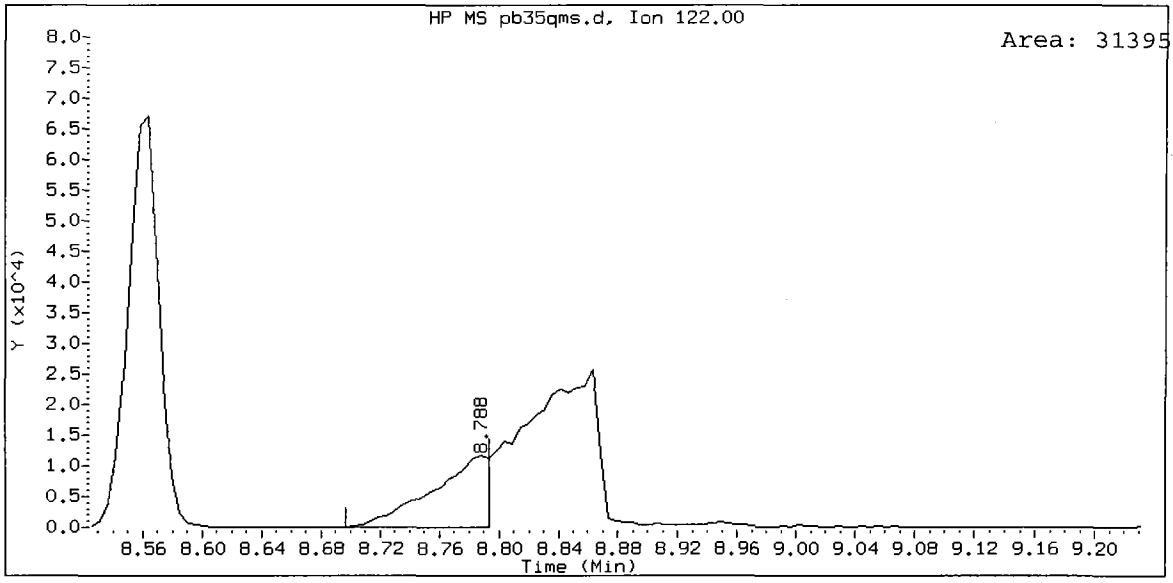


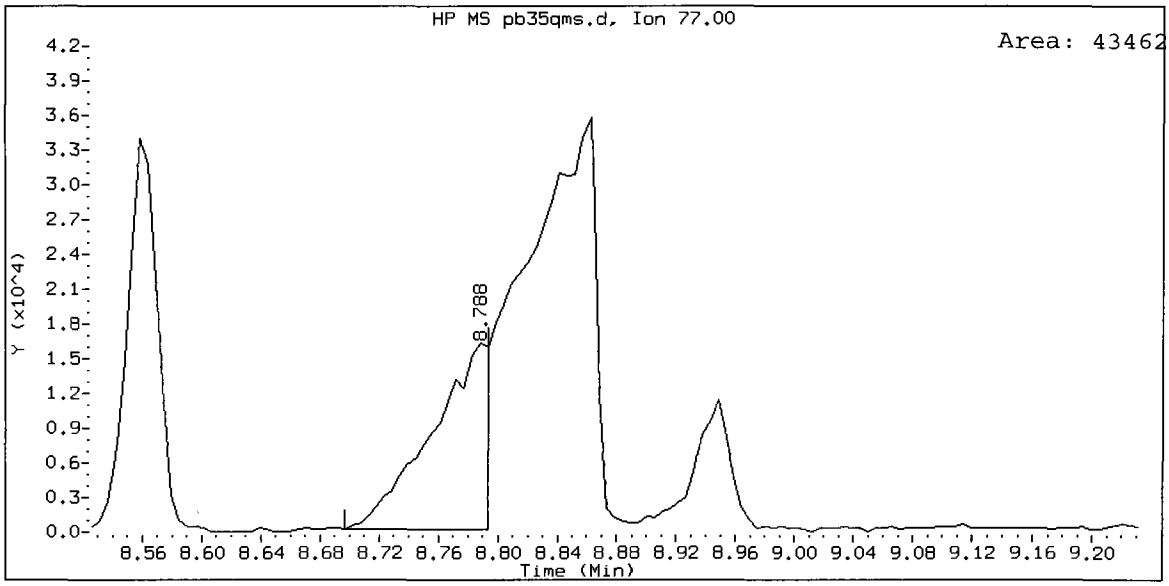




PB35QMS, /chem1/nt6.i/20090615.b/pb35qms.d
Benzoic acid Amount: 33.56







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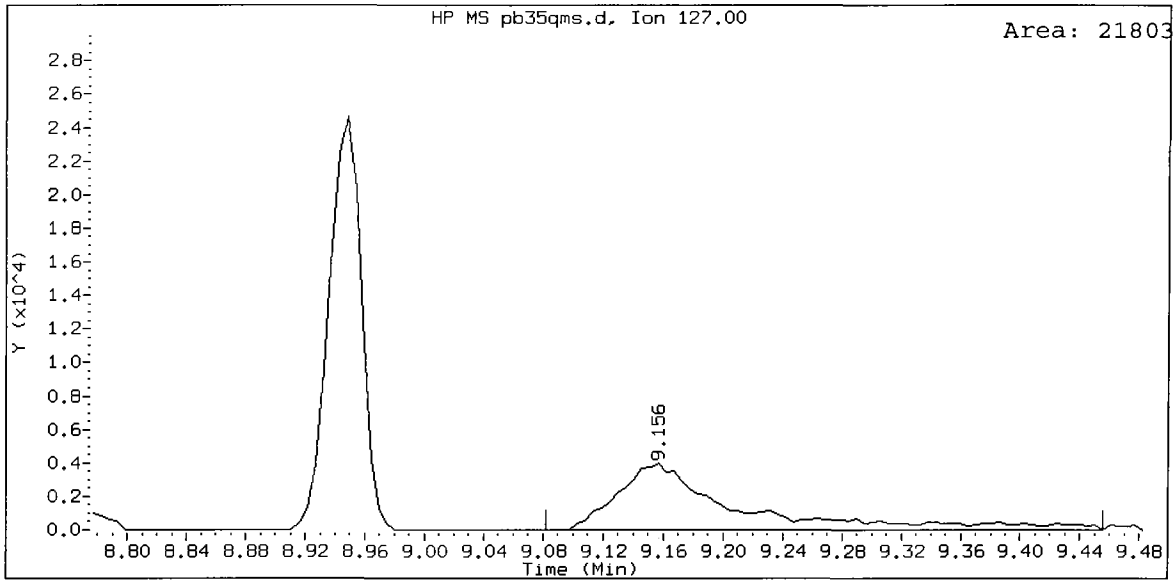
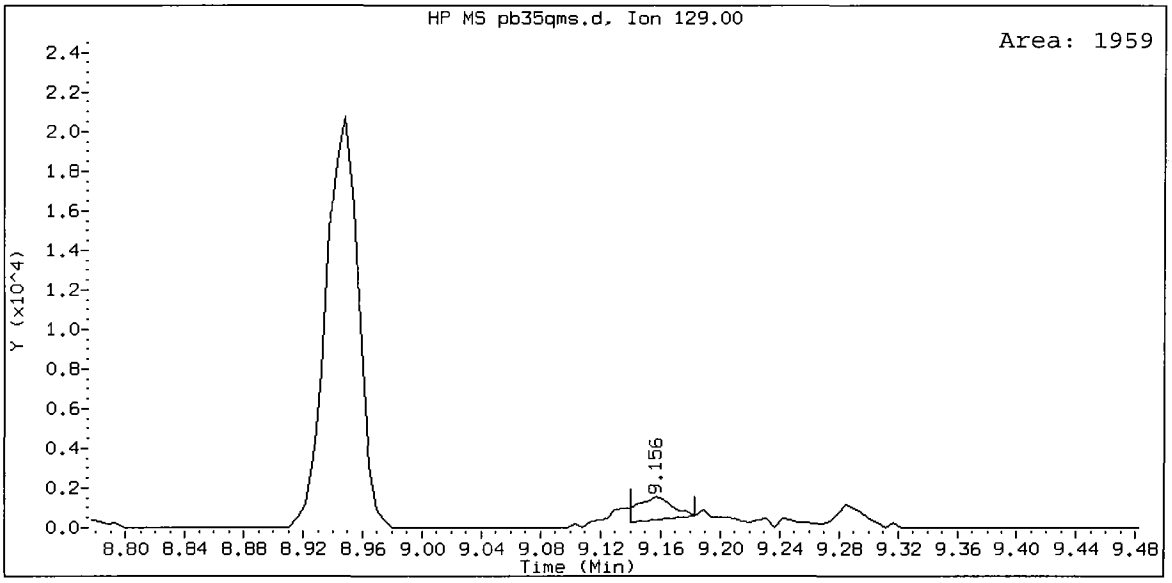
4-Chloroaniline Amount: 2.62





ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED12-B
MATRIX SPIKE DUPLICATE

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 22:16
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 40.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
541-73-1	1,3-Dichlorobenzene	20	---
106-46-7	1,4-Dichlorobenzene	20	---
100-51-6	Benzyl Alcohol	20	---
95-50-1	1,2-Dichlorobenzene	20	---
95-48-7	2-Methylphenol	20	---
106-44-5	4-Methylphenol	20	---
67-72-1	Hexachloroethane	20	---
105-67-9	2,4-Dimethylphenol	20	---
65-85-0	Benzoic Acid	200	---
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	---
87-68-3	Hexachlorobutadiene	20	---
91-57-6	2-Methylnaphthalene	20	---
131-11-3	Dimethylphthalate	20	---
208-96-8	Acenaphthylene	20	---
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	---
84-66-2	Diethylphthalate	20	---
86-73-7	Fluorene	20	---
86-30-6	N-Nitrosodiphenylamine	20	---
118-74-1	Hexachlorobenzene	20	---
87-86-5	Pentachlorophenol	99	---
85-01-8	Phenanthrene	20	---
120-12-7	Anthracene	20	---
84-74-2	Di-n-Butylphthalate	20	---
206-44-0	Fluoranthene	20	---
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	---
56-55-3	Benzo(a)anthracene	20	---
117-81-7	bis(2-Ethylhexyl)phthalate	20	---
218-01-9	Chrysene	20	---
117-84-0	Di-n-Octyl phthalate	20	---
205-99-2	Benzo(b)fluoranthene	20	---
207-08-9	Benzo(k)fluoranthene	20	---
50-32-8	Benzo(a)pyrene	20	---
193-39-5	Indeno(1,2,3-cd)pyrene	20	---
53-70-3	Dibenz(a,h)anthracene	20	---
191-24-2	Benzo(g,h,i)perylene	20	---
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.8%	2-Fluorobiphenyl	61.6%
d14-p-Terphenyl	54.4%	d4-1,2-Dichlorobenzene	50.8%
d5-Phenol	60.8%	2-Fluorophenol	55.5%
2,4,6-Tribromophenol	70.7%	d4-2-Chlorophenol	58.4%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20090615.b/pb35qmd.d
Lab Smp Id: PB35QMSD Client Smp ID: 3SED12-B MSD
Inj Date : 15-JUN-2009 22:16
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : PB35QMSD
Misc Info : 09-12733
Comment : 1ul Injection
Method : /chem1/nt6.i/20090615.b/SW846.m
Meth Date : 16-Jun-2009 10:41 jeff Quant Type: ISTD
Cal Date : 11-JUN-2009 14:21 Cal File: 0050611a.d
Als bottle: 15 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LTK 6/16/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	42.20000	Weight of sample extracted (g)
M	40.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.809	4.782	(0.702)	164344	20.8467	413.7
$	2 Phenol-d5	99	6.593	6.534	(0.962)	241237	22.7873	452.2
	3 Phenol	94	6.614	6.550	(0.965)	166940	14.6004	289.8
$	5 2-Chlorophenol-d4	132	6.566	6.555	(0.958)	141367	21.9140	434.9
	4 Bis(2-Chloroethyl)ether	93	6.561	6.555	(0.957)	123606	14.3214	284.2
	6 2-Chlorophenol	128	6.593	6.582	(0.962)	108963	15.0874	299.4
	7 1,3-Dichlorobenzene	146	6.780	6.780	(0.989)	103492	13.1622	261.2
*	8 1,4-Dichlorobenzene-d4	152	6.855	6.849	(1.000)	95622	20.0000	
	9 1,4-Dichlorobenzene	146	6.881	6.870	(1.004)	107019	13.5919	269.8
$	10 1,2-Dichlorobenzene-d4	152	7.154	7.148	(1.044)	60549	12.7163	252.4
	12 1,2-Dichlorobenzene	146	7.175	7.169	(1.047)	103891	13.4403	266.7
	11 Benzyl alcohol	108	7.207	7.196	(1.051)	148759	27.7917	551.6
	14 2,2'-oxybis(1-Chloropropane)	45	7.464	7.458	(1.089)	337880	31.6014	627.2 (R)
	13 2-Methylphenol	108	7.506	7.490	(1.095)	112182	14.9817	297.3
	17 Hexachloroethane	117	7.661	7.661	(1.118)	46843	12.8701	255.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	7.693	7.682	(1.122)	107509	15.1463	300.6(M)
	15 4-Methylphenol	108	7.757	7.730	(1.132)	248251	32.4349	643.7
$	18 Nitrobenzene-d5	82	7.816	7.810	(0.877)	140714	14.1937	281.7
	19 Nitrobenzene	77	7.843	7.837	(0.880)	147299	14.3134	284.1
	20 Isophorone	82	8.254	8.238	(0.926)	267797	15.5599	308.8
	21 2-Nitrophenol	139	8.366	8.366	(0.938)	54369	14.5032	287.8
	22 2,4-Dimethylphenol	107	8.564	8.558	(0.960)	126704	15.4417	306.5
	23 Bis(2-Chloroethoxy)methane	93	8.676	8.676	(0.973)	146481	15.4494	306.6
	24 Benzoic acid	105	8.879	8.879	(0.996)	217667	42.4502	842.5
	25 2,4-Dichlorophenol	162	8.783	8.777	(0.985)	91515	17.1276	339.9
	26 1,2,4-Trichlorobenzene	180	8.874	8.873	(0.995)	91866	14.1575	281.0
*	27 Naphthalene-d8	136	8.916	8.916	(1.000)	322805	20.0000	
	28 Naphthalene	128	8.948	8.948	(1.004)	286162	14.9121	296.0
	29 4-Chloroaniline	127	9.173	9.130	(1.029)	17227	2.08229	41.33(RM)
	30 Hexachlorobutadiene	225	9.290	9.290	(1.042)	54574	15.0347	298.4
	31 4-Chloro-3-methylphenol	107	10.011	10.000	(1.123)	116280	17.1867	341.1
	32 2-Methylnaphthalene	141	10.070	10.070	(1.129)	155098	14.8368	294.5
	33 Hexachlorocyclopentadiene	237	10.455	10.454	(0.890)	73766	21.9672	436.0
	34 2,4,6-Trichlorophenol	196	10.615	10.614	(0.903)	67689	17.9312	355.9
	35 2,4,5-Trichlorophenol	196	10.684	10.673	(0.909)	71596	18.5038	367.2
$	36 2-Fluorobiphenyl	172	10.732	10.732	(0.913)	202748	15.4295	306.2
	37 2-Chloronaphthalene	162	10.834	10.833	(0.922)	184059	15.6302	310.2
	38 2-Nitroaniline	65	11.101	11.095	(0.945)	85491	17.4542	346.4
	39 Dimethylphthalate	163	11.501	11.496	(0.979)	223604	17.3255	343.9
	40 Acenaphthylene	152	11.496	11.496	(0.978)	294625	16.7565	332.6
	41 2,6-Dinitrotoluene	165	11.582	11.576	(0.985)	47805	17.0376	338.1
*	42 Acenaphthene-d10	164	11.752	11.747	(1.000)	176907	20.0000	
	43 3-Nitroaniline	138	11.779	11.773	(1.002)	41071	12.8201	254.4
	44 Acenaphthene	153	11.801	11.800	(1.004)	178998	16.1307	320.1
	45 2,4-Dinitrophenol	184	11.955	11.950	(1.017)	93762	65.0629	1291
	46 Dibenzofuran	168	12.062	12.062	(1.026)	264294	16.4839	327.1
	47 4-Nitrophenol	109	12.180	12.169	(1.036)	40969	20.0545	398.0
	48 2,4-Dinitrotoluene	165	12.196	12.190	(1.038)	65923	18.1176	359.6
	50 Diethylphthalate	149	12.650	12.649	(1.076)	222938	18.9777	376.6
	49 Fluorene	166	12.612	12.607	(1.073)	227148	17.3200	343.7
	51 4-Chlorophenyl-phenylether	204	12.666	12.665	(1.078)	109762	16.9573	336.5
	52 4-Nitroaniline	138	12.762	12.756	(1.086)	31077	10.9164	216.7
	53 4,6-Dinitro-2-methylphenol	198	12.842	12.836	(0.912)	136487	64.3084	1276
	54 N-Nitrosodiphenylamine	169	12.885	12.884	(0.915)	159431	18.1315	359.8
$	55 2,4,6-Tribromophenol	330	13.040	13.034	(1.110)	44653	26.4720	525.4
	56 4-Bromophenyl-phenylether	248	13.430	13.429	(0.953)	62073	17.3184	343.7
	57 Hexachlorobenzene	284	13.622	13.621	(0.967)	62570	17.1042	339.5
	58 Pentachlorophenol	266	13.942	13.942	(0.990)	35387	21.1823	420.4
*	59 Phenanthrene-d10	188	14.087	14.081	(1.000)	281832	20.0000	
	60 Phenanthrene	178	14.119	14.118	(1.002)	351315	19.6392	389.8
	61 Anthracene	178	14.193	14.188	(1.008)	311763	17.1909	341.2
	62 Carbazole	167	14.508	14.503	(1.030)	299621	20.1049	399.0

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	15.283	15.277	(1.085)	344103	19.2990	383.0
	64 Fluoranthene	202	16.036	16.025	(1.138)	449546	24.6150	488.5
	65 Pyrene	202	16.373	16.361	(0.893)	463873	16.8007	333.4
$	66 Terphenyl-d14	244	16.736	16.730	(0.912)	241253	13.5528	269.0
	67 Butylbenzylphthalate	149	17.654	17.649	(0.962)	173080	15.5221	308.1
	68 Benzo(a)anthracene	228	18.322	18.311	(0.999)	446855	18.1659	360.5
*	69 Chrysene-d12	240	18.343	18.338	(1.000)	333282	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.370	18.364	(1.001)	77846	8.63264	171.3
	71 Chrysene	228	18.386	18.375	(1.002)	459633	19.5145	387.3
	72 bis(2-Ethylhexyl)phthalate	149	18.675	18.674	(0.952)	268898	18.4770	366.7
*	134 Di-n-octylphthalate-d4	153	19.609	19.603	(1.000)	469227	20.0000	
	73 Di-n-octylphthalate	149	19.615	19.609	(1.000)	456689	18.0560	358.3
	74 Benzo(b)fluoranthene	252	19.951	19.945	(0.975)	529672	20.7782	412.4
	75 Benzo(k)fluoranthene	252	19.988	19.977	(0.976)	493780	18.8589	374.3
	76 Benzo(a)pyrene	252	20.389	20.378	(0.996)	404044	17.5094	347.5
*	77 Perylene-d12	264	20.469	20.453	(1.000)	351775	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.815	21.799	(1.066)	509646	16.5675	328.8
	79 Dibenzo(a,h)anthracene	278	21.842	21.831	(1.067)	407274	17.4389	346.1
	80 Benzo(g,h,i)perylene	276	22.104	22.087	(1.080)	406765	15.1302	300.3
	90 N-Nitrosodimethylamine	74	1.968	1.930	(0.287)	85590	14.1279	280.4
	91 Aniline	93	6.561	6.406	(0.957)	123606	8.52356	169.2
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	1.957	1.914	(0.285)	100591	9.67966	192.1
	105 1-methylnaphthalene	141	10.236	10.235	(1.148)	161881	16.1704	320.9
	111 Azobenzene (1,2-DP-Hydrazine)	77	12.912	12.911	(1.099)	324532	17.2622	342.6

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: pb35qmd.d
Lab Smp Id: PB35QMSD
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12733

Calibration Date: 15-JUN-2009
Calibration Time: 14:39
Client Smp ID: 3SED12-B MSD
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	112389	56194	224778	95622	-14.92
27 Naphthalene-d8	384492	192246	768984	322805	-16.04
42 Acenaphthene-d10	217478	108739	434956	176907	-18.66
59 Phenanthrene-d10	336594	168297	673188	281832	-16.27
69 Chrysene-d12	247160	123580	494320	333282	34.84
134 Di-n-octylphthala	347036	173518	694072	469227	35.21
77 Perylene-d12	232938	116469	465876	351775	51.02

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.85	6.35	7.35	6.85	0.08
27 Naphthalene-d8	8.92	8.42	9.42	8.92	0.00
42 Acenaphthene-d10	11.75	11.25	12.25	11.75	0.05
59 Phenanthrene-d10	14.08	13.58	14.58	14.09	0.04
69 Chrysene-d12	18.34	17.84	18.84	18.34	0.03
134 Di-n-octylphthala	19.60	19.10	20.10	19.61	0.03
77 Perylene-d12	20.45	19.95	20.95	20.47	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35QMSD
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090615.b/SW846.m
Misc Info: 09-12733

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED12-B MSD
Operator: LJR/VTS
SampleType: MSD
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	496.2	289.8	58.40	31-102
4	Bis(2-Chloroethyl)	496.2	284.2	57.29	30-100
6	2-Chlorophenol	496.2	299.4	60.35	36-100
7	1,3-Dichlorobenzen	496.2	261.2	52.65	32-100
9	1,4-Dichlorobenzen	496.2	269.8	54.37	33-100
11	Benzyl alcohol	992.3	551.6	55.58	10-100
12	1,2-Dichlorobenzen	496.2	266.7	53.76	34-100
13	2-Methylphenol	496.2	297.3	59.93	34-100
14	2,2'-oxybis(1-Chlo	496.2	627.2	126.41 *	29-100
15	4-Methylphenol	992.3	643.7	64.87	39-100
16	N-Nitroso-di-n-pro	496.2	300.6	60.59	32-100
17	Hexachloroethane	496.2	255.4	51.48	29-100
19	Nitrobenzene	496.2	284.1	57.25	28-100
20	Isophorone	496.2	308.8	62.24	46-100
21	2-Nitrophenol	496.2	287.8	58.01	37-100
22	2,4-Dimethylphenol	496.2	306.5	61.77	19-100
23	Bis(2-Chloroethoxy	496.2	306.6	61.80	38-100
24	Benzoic acid	1488	842.5	56.60	21-123
25	2,4-Dichlorophenol	496.2	339.9	68.51	39-100
26	1,2,4-Trichloroben	496.2	281.0	56.63	36-100
28	Naphthalene	496.2	296.0	59.65	37-100
29	4-Chloroaniline	1191	41.33	3.47 *	10-100
30	Hexachlorobutadien	496.2	298.4	60.14	33-100
31	4-Chloro-3-methylp	496.2	341.1	68.75	42-102
32	2-Methylnaphthalen	496.2	294.5	59.35	41-100
33	Hexachlorocyclopen	1488	436.0	29.29	15-104
34	2,4,6-Trichlorophe	496.2	355.9	71.72	42-100
35	2,4,5-Trichlorophe	496.2	367.2	74.02	43-100
37	2-Chloronaphthalen	496.2	310.2	62.52	36-100
38	2-Nitroaniline	496.2	346.4	69.82	41-100
39	Dimethylphthalate	496.2	343.9	69.30	48-100
40	Acenaphthylene	496.2	332.6	67.03	42-100
41	2,6-Dinitrotoluene	496.2	338.1	68.15	44-106

OR

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	1270	254.4	20.03	15-108
44 Acenaphthene	496.2	320.1	64.52	38-100
45 2,4-Dinitrophenol	1488	1291	86.75	20-140
46 Dibenzofuran	496.2	327.1	65.94	45-100
47 4-Nitrophenol	496.2	398.0	80.22	21-108
48 2,4-Dinitrotoluene	496.2	359.6	72.47	48-111
49 Fluorene	496.2	343.7	69.28	45-100
50 Diethylphthalate	496.2	376.6	75.91	48-102
51 4-Chlorophenyl-phe	496.2	336.5	67.83	45-100
52 4-Nitroaniline	496.2	216.7	43.67	25-100
53 4,6-Dinitro-2-meth	1488	1276	85.74	23-115
54 N-Nitrosodiphenyla	496.2	359.8	72.53	50-128
56 4-Bromophenyl-phen	496.2	343.7	69.27	45-100
57 Hexachlorobenzene	496.2	339.5	68.42	44-101
58 Pentachlorophenol	496.2	420.4	84.73	35-105
60 Phenanthrene	496.2	389.8	78.56	45-100
61 Anthracene	496.2	341.2	68.76	43-100
62 Carbazole	496.2	399.0	OK 80.42	51-106
63 Di-n-butylphthalat	496.2	383.0	77.20	51-109
64 Fluoranthene	496.2	488.5	98.46	52-107
65 Pyrene	496.2	333.4	67.20	41-113
67 Butylbenzylphthala	496.2	308.1	62.09	40-118
68 Benzo(a)anthracene	496.2	360.5	72.66	44-106
70 3,3'-Dichlorobenzi	1270	171.3	13.49	10-100
71 Chrysene	496.2	387.3	78.06	48-102
72 bis(2-Ethylhexyl)p	496.2	366.7	73.91	38-125
73 Di-n-octylphthalat	496.2	358.3	72.22	29-116
74 Benzo(b)fluoranthe	496.2	412.4	83.11	49-112
75 Benzo(k)fluoranthe	496.2	374.3	75.44	48-116
76 Benzo(a)pyrene	496.2	347.5	70.04	41-100
78 Indeno(1,2,3-cd)py	496.2	328.8	66.27	29-117
79 Dibenzo(a,h)anthra	496.2	346.1	69.76	34-117
80 Benzo(g,h,i)peryle	496.2	300.3	60.52	24-122
91 Aniline	1211	169.2	13.97	10-100
111 Azobenzene (1,2-DP	496.2	342.6	69.05	44-101
90 N-Nitrosodimethyla	496.2	280.4	56.51	25-100
105 1-methylnaphthalen	496.2	320.9	64.68	40-100
103 Pyridine	496.2	192.1	38.72	10-100

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	744.2	413.7	55.59	21-100
$ 2 Phenol-d5	744.2	452.2	60.77	10-100

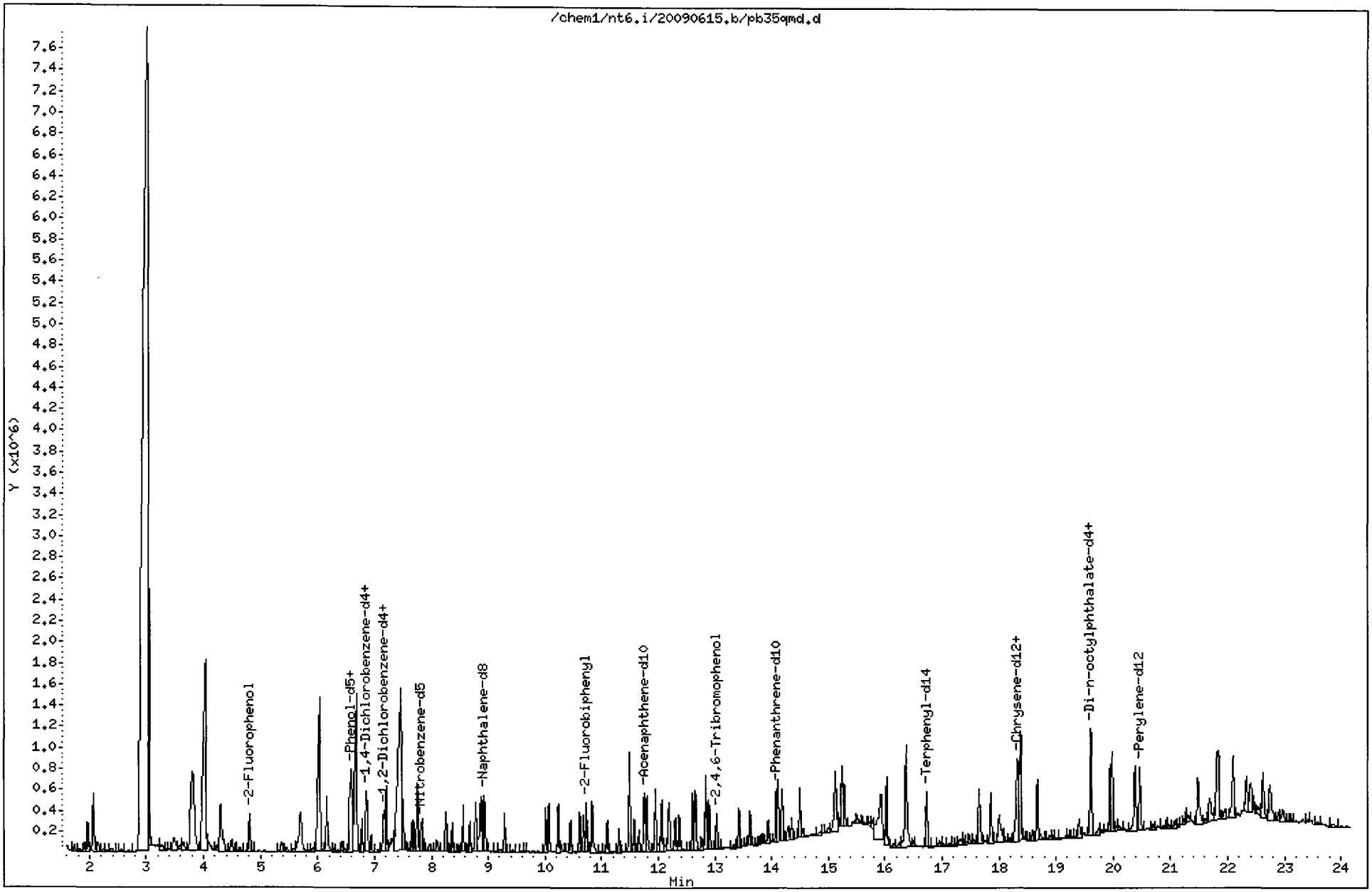
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 5 2-Chlorophenol-d4	744.2	434.9	58.44	30-100
$ 10 1,2-Dichlorobenzen	496.2	252.4	50.87	24-100
$ 18 Nitrobenzene-d5	496.2	281.7	56.77	26-100
$ 36 2-Fluorobiphenyl	496.2	306.2	61.72	32-100
$ 55 2,4,6-Tribromophen	744.2	525.4	70.59	33-118
$ 66 Terphenyl-d14	496.2	269.0	54.21	21-97

Data File: /chem1/nt6.i/20090615.b/pb35qmd.d
Date : 15-JUN-2009 22:16
Client ID: 3SED12-B MSD
Sample Info: PB35QMSD
Volume Injected (uL): 1.0
Column phase: ZB-5

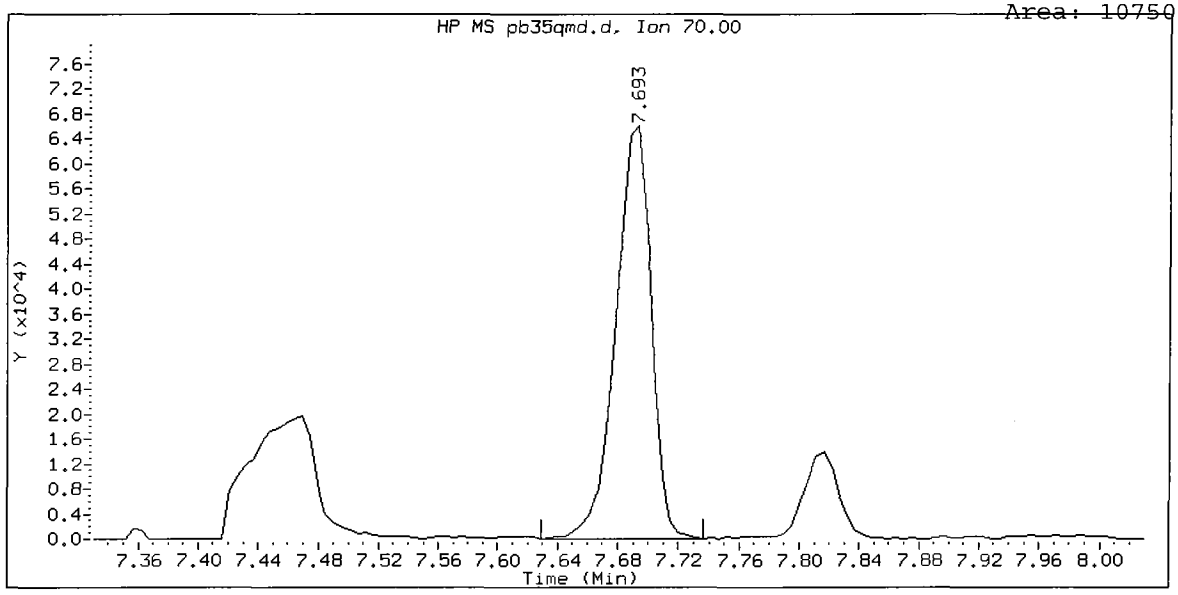
Instrument: nt6.i

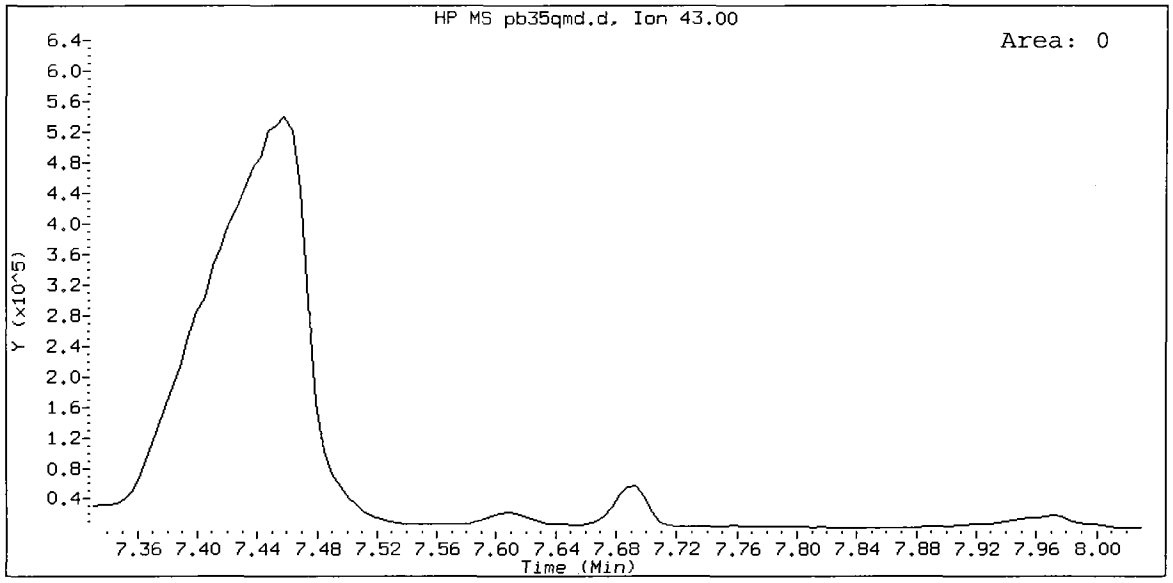
Operator: LJR/VTS
Column diameter: 0.32

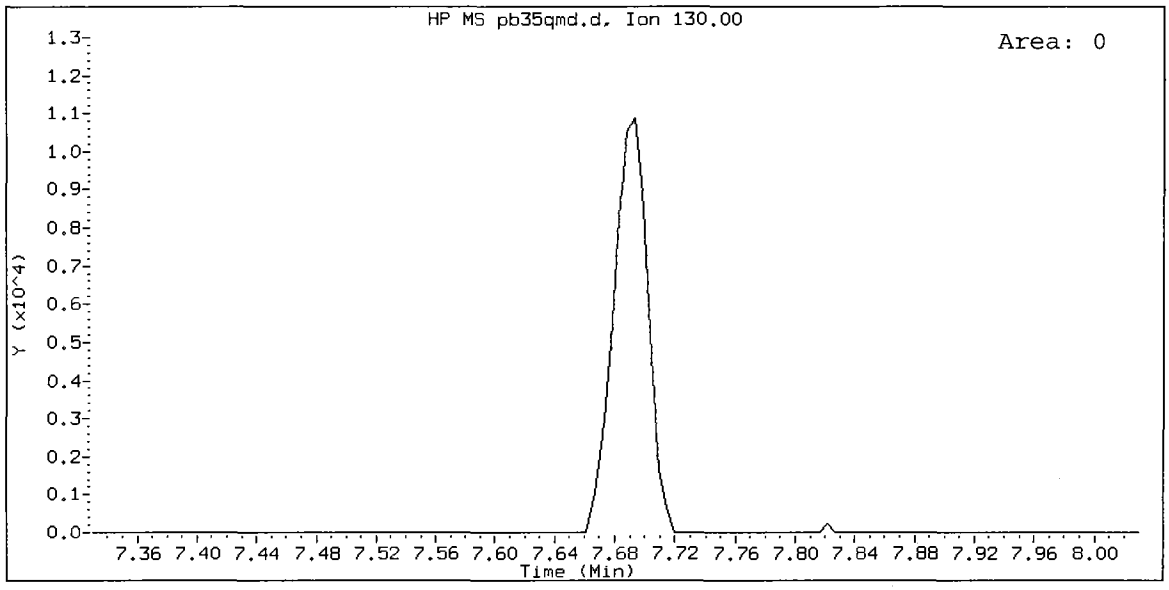
PB35:66501



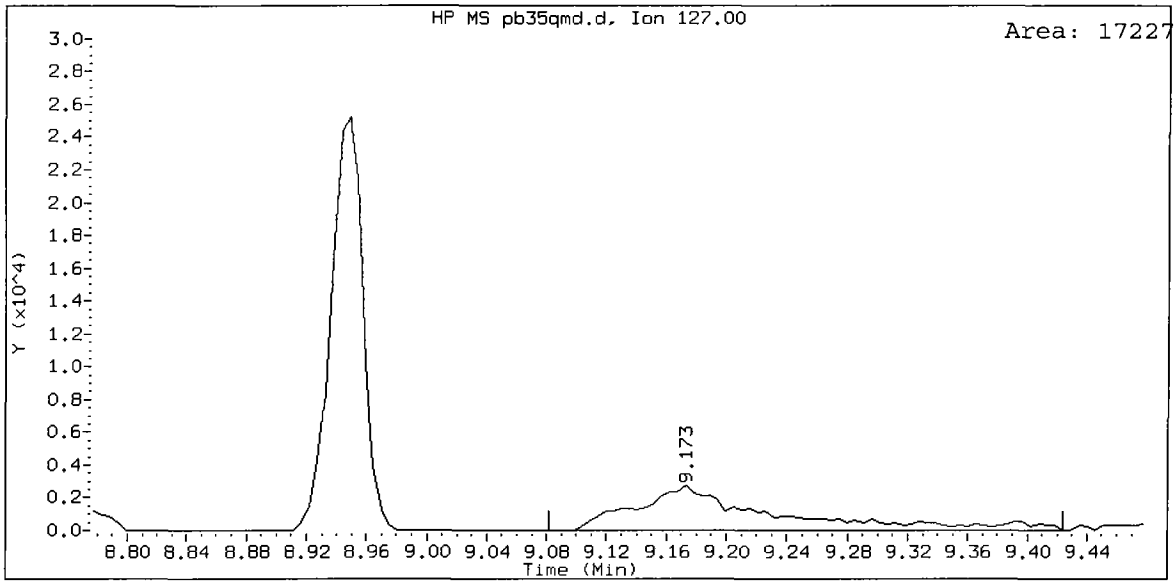
PB35QMSD, /chem1/nt6.i/20090615.b/pb35qmd.d
N-Nitroso-di-n-propylamine Amount: 15.15

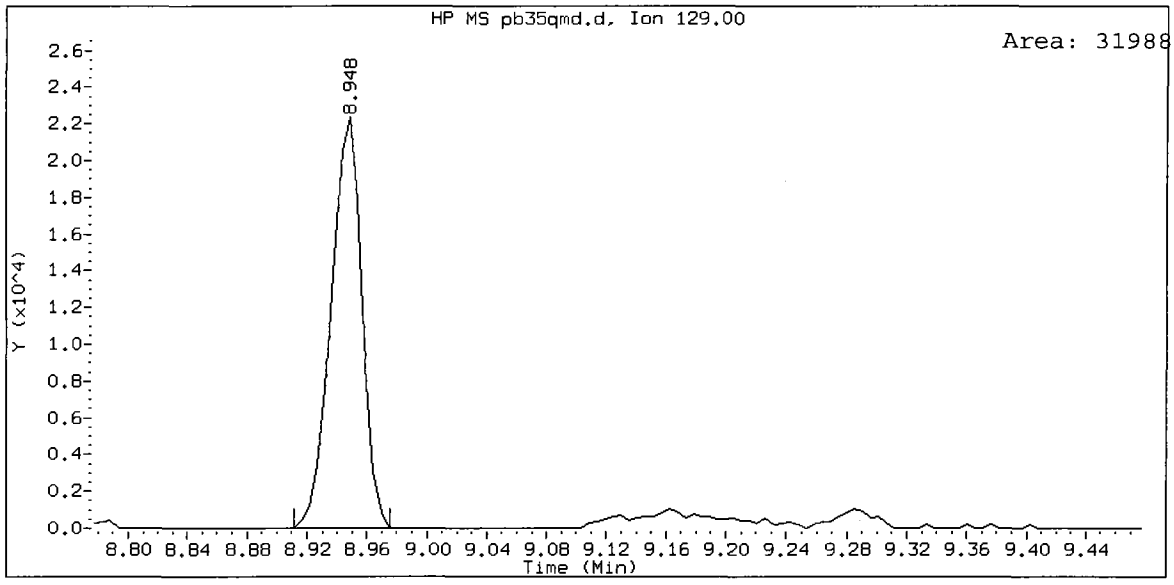






PB35QMSD, /chem1/nt6.i/20090615.b/pb35qmd.d
4-Chloroaniline Amount: 2.08





Semivolatile Analysis
Extraction Bench Sheets/Run Logs

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet

8270 BAN PSDDA–Soil/Sediment Sonication (3550B) SOP # 374S

Preparation Test BAN # 6 PSDDA

ARI Job No(s) PB35 Batch set up by: JH

Bottle #	Extraction Requirements	Verify Client ID	Volume Extracted	KD	Turbo Vap 1 2 3	GPC Prep Filter (1:1)	GPC (1:1) (REQ) (Opt) 1 or 2 Y N	Post GPC KD	Turbo Vap 1 2 3	Final Effective Volume	Volume to Lab	Comments
	MBS PB35	Date 6/8/09	25g			0.45				0.5mL	0.5mL	(Use 5g Pre-Deactivated Sodium Sulfate for Blanks)
	SBS											
	~~SBS Dup.~~											
3	PB35 A	checked	40.26			GPC						
	C		45.14									
	E		42.53									
	G		32.02									
4	I		38.66									
6	J		39.48									
3	K		37.31			0.45						
5	M		40.18									
4	O		38.16									
	Q		42.11									
	Qms		42.48									
	Qmsd		42.20									
Analyst/Date: WC 6/08/09				Added 6/09/09	WW 6/10/09	→	→	RR 6/11/09	CJZ 6/11/09	→	→	

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Surrogate	A_2	125µL	2/18/10	WC	WW
Full List Spike	7	125µL	2/01/10	WC	WW
Base Spike	12	125µL	2/05/10	WC	WW
Acid Spike	10	125µL	10/21/09	WC	WW
Extraction Time:	1710				

SPECIAL INSTRUCTIONS: 1. Weigh soil/sed into 600mL or 400mL beakers. 2. Use 5g Pre-Deactivated Sodium Sulfate for Blanks. 3. Add surr/spike. 4. Add 1:1 DCM/Acetone. 5. Dry using neutral Sodium Sulfate-25g Max at first-A small amt of Additional sulfate may be needed after 10 min. or before 2nd sonication? 6. Sonicate 2X with 1:1 DCM/Acetone + 1X DCM only. 7. Collect into 500mL flask + Lg funnel with a small amount of pre-deactivated glasswool only. NO SODIUM SULFATE. 8. KD (Normal Drying Column with pre-deactivated glasswool plug+neutral Sodium Sulfate at 85-90°). (Blanks=only 5g Sodium Sulfate). 9. TurboVap. 10. GPC Optional (1:1) 11. KD (if GPC=No drying column) on 80°. 12. TurboVap. 13. Vial in DCM.

A. Need Total Solids Y (N) B. Archive/Freeze Y (N)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: PB 35

Client ID: Environmental Science Corp

Parameter: BAN PSDDA

Client Project: Jeld-Wen Naval Door

SOP Number(s): 3745

No Anomalies:

List problems, concerns, corrective actions and any other pertinent information
All of the samples were wet. WC 6/05/09
GCMS analyst, reduced extraction weights for samples E and J, based on sample pre-screens. JH 6/8/09

Analyst Initials:		Date:	

Analytical Resources Inc.: Organics Instrument Log

NT-6 Serial No.:GC=US00036167, MS=US81221575

Date: 6/11/09 Analysis: BANs Analyst: LTK

GC Program: ABN1UL Column No: 171037 Column Type: ZB-5 MS

Instrument Tune (U or CT.): 090430 090609 EM Voltage: 1529

Calibration File: 0250609 0250611 Curve Date: 6/11/09

IS/SS	Ical/Ccal	LCS/ICV
1564-2	1550-1,2	1507-1
	1551-1	1508-1
	1552-1	1509-1
	1553-1	1510-1

INTERNAL STANDARD SUMMARY FOR DATABATCH - /chem1/nt6.i/20090611.b

	Time	Filename	LabID	ClientId	DF													
1	1027	0250611.d	ABN 25		1	7.13	112389	9.19	384492	12.03	217478	14.38	336594	18.66	247160	20.78	232938	19.89	347036
2	1104	0800611.d	ABN 80		1	7.14	114460	9.20	384289	12.04	211778	14.39	342675	18.66	285044	20.79	315095	19.90	424428
3	1137	0010611.d	ABN 1		1	7.13	118567	9.19	390523	12.03	217076	14.37	349181	18.65	262092	20.78	256679	19.89	361226
4	1210	0400611.d	ABN 40		1	7.14	142411	9.20	471377	12.04	269613	14.38	448584	18.66	339501	20.79	342314	19.90	481057
5	1242	0050611.d	ABN 5		1	7.13	101091	9.19	339003	12.03	177766	14.38	282699	18.64	229753	20.78	254417	19.89	328726
6	1315	0100611.d	ABN 10		1	7.13	97036	9.19	321647	12.03	175814	14.38	273945	18.65	225200	20.78	242978	19.89	322577
7	1348	0010611a.d	ABN 1		1	7.13	100564	9.19	332068	12.03	175487	14.37	275001	18.64	223930	20.78	249789	19.89	314765
8	1421	0050611a.d	ABN 5		1	7.13	98908	9.19	337167	12.03	181326	14.37	284076	18.65	228455	20.78	233018	19.89	316858
9	1454	icv0611.d	ABN ICV		1	7.13	104875	9.19	355357	12.04	195944	14.38	302996	18.65	251700	20.78	266554	19.89	372937

LTK 6.12.2009

Maintenance / Comments New liner twool. Clipped column. Cleaned inlet body & seal.

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): 0250611

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: NT6 Curve Client ID: Various

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) (**804S**(8270D)

Parameter(s): BANs

Instrument: NT-1 NT-2 NT-4 (NT-6) NT-8

Curve Date: 6/11/09 Analysis Start Date: ——

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	~~YES / NO~~
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	~~YES / NO~~
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	(YES) / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	~~YES / NO~~
CCal Meets RF & %RSD Criteria?	~~YES / NO~~	Special Analysis Criteria Met?	YES / NO / (NA)

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary): - Linear fit for hexachlorocyclopentadiene and 2,4-Dinitrophenol.

LJK 6/11/09

Additional Details on Reverse: Yes / (No)

Analyst Signature: [signature] **Date:** 6/11/09

Reviewer's Signature: GNB **Date:** 6/11/09

Analytical Resources Inc.: Organics Instrument Log

NT-6 Serial No.:GC=US00036167, MS=US81221575

Date: 6/15/09 Analysis: BANs Analyst: LJK

GC Program: ABNIUL Column No: 171037 Column Type: ZB-5MS

Instrument Tune (U or .CT.): 090609 EM Voltage: 1529

Calibration File: cc0615 Curve Date: 6/11/09

IS/SS	Ical/Ccal	LCS/ICV
1564-2	1550-1,2	
	1551-1	
	1552-1	
	1553-1	

	Time	Filename	LabID	ClientId	DF													
1	1439	cc0615.d	ABN 25		1	6.85	104405	8.92	355513	11.75	202417	14.08	315595	18.34	262370	20.45	252054	19.60	373565
2	1511	pb35mb.d	PB35MBS1	PB35MBS1	1	6.84	110400	8.91	392139	11.75	222347	14.07	345115	18.33	286250	19.60	428866	20.45	310083
3	1544	pb35sb.d	PB35LCSS1	PB35LCSS1	1	6.85	112380	8.91	386151	11.75	218272	14.08	338128	18.33	272139	19.60	401277	20.45	279055
4	1617	pb35a.d	PB35A	3SED1-A	3	6.85	105958	8.91	372631	11.75	197262	14.08	285126	18.33	316667	19.60	503051	20.47	421627
5	1649	pb35c.d	PB35C	3SED1-B	3	6.85	98781	8.91	350265	11.74	183034	14.08	263584	18.34	322443	19.61	509732	20.48	451629
6	1722	pb35e.d	PB35E	3SED1-C	3	6.85	119316	8.91	410593	11.75	214428	14.08	308954	18.34	392155	19.61	622089	20.48	543124
7	1755	pb35g.d	PB35G	3SED2-A	3	6.85	101083	8.92	346954	11.75	180284	14.09	279330	18.34	370825	19.61	575490	20.49	476053
8	1827	pb35i.d	PB35I	3SED2-B	3	6.86	103370	8.92	355417	11.75	187759	14.09	275848	18.34	351575	19.61	537995	20.47	451099
9	1900	pb35j.d	PB35J	3SED2-C	3	6.85	99486	8.92	333563	11.75	177098	14.09	284499	18.35	407761	19.62	623744	20.49	532974
10	1933	pb35k.d	PB35K	3SED11-A	1	6.85	95865	8.92	333431	11.75	180927	14.08	281706	18.34	347886	19.61	506501	20.47	387578
11	2006	pb35m.d	PB35M	3SED11-B	1	6.85	98905	8.92	342831	11.75	183391	14.08	282229	18.34	327367	19.60	470586	20.46	372963
12	2038	pb35o.d	PB35O	3SED12-A	1	6.85	97140	8.92	334222	11.75	181520	14.09	266349	18.34	306748	19.60	432739	20.46	347765
13	2111	pb35q.d	PB35Q	3SED12-B	1	6.85	97553	8.92	338723	11.75	183167	14.09	286289	18.34	331388	19.60	471536	20.47	359439
14	2144	pb35qms.d	PB35QMS	3SED12-B MS	1	6.85	96172	8.92	324649	11.75	180778	14.09	292231	18.35	340703	19.60	486713	20.46	348937
15	2216	pb35qmd.d	PB35QMSD	3SED12-B MSD	1	6.85	95622	8.92	322805	11.75	176907	14.09	281832	18.34	333282	19.61	469227	20.47	351775
16	2249	pc14adl.d	PC14A	RCB214-052709>250	15	6.85	102951	8.91	336895	11.75	181614	14.08	269345	18.33	287239	19.60	409760	20.46	358572
17	2322	pc14bdl.d	PC14B	RCB214-052709 63-25	15	6.85	106649	8.92	341813	11.75	183840	14.08	273217	18.34	324787	19.60	461473	20.47	392732
18	2354	pc14cdl.d	PC14C	RCB214-052709<63	15	6.85	103638	8.92	333270	11.75	177161	14.08	269073	18.35	370298	19.61	576879	20.48	483587
19	0027	pb06adl.d	PB06A	BW-01-SS-090602	5	6.85	94737	8.91	327417	11.75	176266	14.08	258962	18.34	307843	19.60	433074	20.47	364727
20	0100	pb06cdl.d	PB06C	BW-03-SS-090602	5	6.85	91205	8.91	311206	11.75	163801	14.08	259291	18.33	299639	19.60	420227	20.46	333147
21	0132	pb06kdl.d	PB06K	BW-11-SS-090602	5	6.85	92820	8.91	316450	11.75	172687	14.08	257537	18.34	299609	19.60	415593	20.47	327760

Maintenance / Comments New liner + wool. Clipped column. Cleaned inlet body & seal.

LJK 6/16/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): cc0615

Any line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources Inc.: Organics Instrument Log
NT-6 Serial No.:GC=US00036167, MS=US81221575

Date: 6/16/09 Analysis: BANs Analyst: LJK

GC Program: ABN1UL Column No: 171037 Column Type: ZB-5 MS.

Instrument Tune (U or .CT.): 090609 EM Voltage: 1529

Calibration File: cc0616 Curve Date: 6/11/09

IS/SS	Ical/Ccal	LCS/ICV
1564-2	1550-1,2	
	1551-1	
	1552-1	
	1553-1	

	Time	Filename	LabID	ClientId	DF											
1	1154	cc0616.d	ABN 25		1	6.73	105993	8.80	373044	11.64	215201	13.96	347222	18.21	286167	20.32	253361	19.49	401133
2	1226	pb63mb.d	PB63MBS1	PB63MBS1	1	6.73	97409	8.80	351858	11.63	197419	13.96	312850	18.20	252536	19.48	350781	20.32	223186
3	1259	pb63sb.d	PB63LCSS1	PB63LCSS1	1	6.73	96178	8.80	330128	11.63	185433	13.96	285770	18.20	232231	19.48	331444	20.32	241624
4	1332	pb63a.d	PB63A	3SED8-A	1	6.74	101392	8.80	363778	11.64	203429	13.96	301640	18.21	266431	19.49	365553	20.34	234696
5	1405	pb63b.d	PB63B	3SED8-B	1	6.74	94458	8.80	332577	11.63	178995	13.96	270182	18.21	291939	19.49	427047	20.34	309474
6	1437	pb63c.d	PB63C	3SED8-C	1	6.74	103788	8.80	368912	11.63	204436	13.96	301339	18.22	316017	19.50	457767	20.35	321029
7	1510	pb63d.d	PB63D	3SED5-A	3	6.74	107476	8.80	373577	11.64	202932	13.96	299110	18.23	399704	19.52	590531	20.38	379169
8	1543	pb63e.d	PB63E	3SED5-B	1	6.74	98021	8.80	342608	11.64	189465	13.97	275469	18.22	301735	19.50	455967	20.35	279121
9	1616	pb63ems.d	PB63EMS	3SED5-B MS	1	6.75	99634	8.81	343626	11.65	191223	13.97	282035	18.23	304091	19.51	455943	20.36	257299
10	1649	pb63emd.d	PB63EMSD	3SED5-B MSD	1	6.74	94634	8.81	328285	11.65	178069	13.97	257935	18.23	276773	19.50	411532	20.36	217299
11	1722	pb63f.d	PB63F	3SED5-C	1	6.74	93100	8.80	318059	11.64	162375	13.97	239738	18.22	213594	19.50	314993	20.35	149040
12	1755	pb63g.d	PB63G	3SED10-A	1	6.74	96391	8.81	341488	11.64	184708	13.97	260586	18.22	222993	19.50	318436	20.34	142753
13	1828	pb63h.d	PB63H	3SED10-B	1	6.74	94233	8.81	329842	11.64	181692	13.97	261456	18.22	265485	19.50	391772	20.35	205311
14	1901	pb63i.d	PB63I	3SED10-C	1	6.74	93310	8.81	324596	11.64	167993	13.97	260789	18.24	280020	19.52	399247	20.37	210337
15	1934	pb35edl.d	PB35E	3SED1-C	10	6.74	91915	8.80	293032	11.64	166948	13.97	254038	18.22	229368	19.49	339657	20.34	170064
16	2008	pb35gdl.d	PB35G	3SED2-A	10	6.73	104512	8.81	338678	11.64	198801	13.97	300665	18.22	240189	19.49	353536	20.34	175873
17	2041	pb35jdl.d	PB35J	3SED2-C	20	6.74	102594	8.80	333632	11.64	191375	13.97	293654	18.21	231718	19.49	333979	20.34	159041
18	2114	pc16mb.d	PC16MBS1	PC16MBS1	1	6.73	96889	8.81	317220	11.64	171904	13.97	280804	18.21	256973	19.49	352804	20.34	204712
19	2147	pc16sb.d	PC16LCSS1	PC16LCSS1	1	6.74	87660	8.81	304000	11.64	170134	13.97	272216	18.22	263985	19.49	376862	20.34	200014
20	2221	pc16sbd.d	PC16LCSDS1	PC16LCSDS1	1	6.74	92883	8.81	323430	11.64	183219	13.97	275771	18.22	232280	19.49	335801	20.33	151086
21	2254	pc16b.d	PC16B	MH219-061009	3	6.73	94741	8.81	324483	11.64	190513	13.97	274511	18.22	255922	19.49	359464	20.34	174568
22	2327	pc16bms.d	PC16BMS	MH219-061009 MS	3	6.74	101636	8.80	348790	11.64	205559	13.97	310846	18.22	278434	19.50	410342	20.35	193298
23	0000	pc16bmd.d	PC16AMSD	MH219-061009 MSD	3	6.74	97021	8.80	332069	11.64	188056	13.96	279770	18.22	265959	19.49	387350	20.34	178467

Maintenance / Comments New liner+wool, Clipped column. Cleaned inlet body and seal.

LJK
6/19/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): cc0616

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: PB35 Client ID: ESC

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) (**804S**)(8270D)

Parameter(s): BANs

Instrument: NT-1 NT-2 NT-4 (NT-6) NT-8

Curve Date: 6/11/09 Analysis Start Date: 6/15/09

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	(YES) / (NO)
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	(YES) / NO
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	(YES) / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	(YES) / NO
CCal Meets RF & %RSD Criteria?	(YES) / NO	Special Analysis Criteria Met?	(YES) / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):
- Diethylphthalate in MB. No sample hits.
- Perylene IS response >+100% in E, G, and J. Okay at dilution.

LTK 6/17/09

NO Corrective Action taken for 2 surrogate Upper Control Limit of +100% On Sample 3Sd1B (PB35-C)

Additional Details on Reverse: Yes (No)

Analyst Signature: [signature] **Date:** 6/17/09

Reviewer's Signature: [signature] **Date:** 6/18/09

Analytical Resources, Inc.

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: GPCVER
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20090307.b/SW846.m
Misc Info:

Client SDG: 20090307
Fraction: SV

Operator: LJR/VTS
SampleType: LCS
Quant Type: ISTD

SPIKE	COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
3	Phenol	500.0	342.3	68.46	37-92
4	Bis(2-Chloroethyl)	500.0	348.2	69.64	40-83
6	2-Chlorophenol	500.0	354.5	70.90	42-80
7	1,3-Dichlorobenzen	500.0	345.6	69.12	39-75
9	1,4-Dichlorobenzen	500.0	346.8	69.36	40-75
11	Benzyl alcohol	500 ~~1000~~	325.3	65% ~~32.53~~	25-90
12	1,2-Dichlorobenzen	500.0	346.2	69.24	40-76
13	2-Methylphenol	500.0	369.9	73.99	40-86
14	2,2'-oxybis(1-Chlo	500.0	338.6	67.73	26-100
15	4-Methylphenol	1000	751.4	75.14	40-92
16	N-Nitroso-di-n-pro	500.0	364.5	72.90	29-95
17	Hexachloroethane	500.0	339.0	67.81	37-73
19	Nitrobenzene	500.0	359.8	71.96	37-85
20	Isophorone	500.0	389.5	77.91	42-91
21	2-Nitrophenol	500.0	360.4	72.07	40-86
22	2,4-Dimethylphenol	500.0	359.3	71.85	23-85
23	Bis(2-Chloroethoxy	500.0	372.6	74.52	40-87
24	Benzoic acid	500 ~~1500~~	318.9	64% ~~21.26~~*	29-104
25	2,4-Dichlorophenol	500.0	383.5	76.71	42-88
26	1,2,4-Trichloroben	500.0	355.4	71.09	40-81
28	Naphthalene	500.0	364.3	72.86	41-80
29	4-Chloroaniline	566 ~~1200~~	282.5	56% ~~23.54~~	14-80
30	Hexachlorobutadien	500.0	346.9	69.37	37-85
31	4-Chloro-3-methylp	500.0	428.1	85.62	40-94
32	2-Methylnaphthalen	500.0	367.4	73.49	44-82
33	Hexachlorocyclopen	500 ~~1500~~	322.4	64.4 21.49	10-98
34	2,4,6-Trichlorophe	500.0	376.7	75.33	42-88
35	2,4,5-Trichlorophe	500.0	374.5	74.90	41-89
37	2-Chloronaphthalen	500.0	375.1	75.02	42-82
38	2-Nitroaniline	500.0	399.9	79.99	35-101
39	Dimethylphthalate	500.0	370.5	74.10	44-91
40	Acenaphthylene	500.0	379.1	75.81	44-84
41	2,6-Dinitrotoluene	500.0	396.7	79.35	42-97

	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
43	3-Nitroaniline	500 ~~1280~~	348.0	69.6% ~~27.18~~	25-93
44	Acenaphthene	500.0	366.6	73.32	42-85
45	2,4-Dinitrophenol	1500	334.3	66.8% ~~22.29~~	10-179
46	Dibenzofuran	500.0	375.0	75.01	46-84
47	4-Nitrophenol	500.0	440.4	88.08	26-97
48	2,4-Dinitrotoluene	500.0	413.1	82.63	41-101
49	Fluorene	500.0	375.0	75.01	44-88
50	Diethylphthalate	500.0	379.7	75.95	46-94
51	4-Chlorophenyl-phe	500.0	359.1	71.83	44-87
52	4-Nitroaniline	500.0	405.5	81.09	24-89
53	4,6-Dinitro-2-meth	1500	358.9	71.6% ~~23.93~~	22-128
54	N-Nitrosodiphenyla	500.0	350.0	70.01	40-111
56	4-Bromophenyl-phen	500.0	350.9	70.17	43-91
57	Hexachlorobenzene	500.0	362.7	72.54	42-90
58	Pentachlorophenol	500.0	363.4	72.69	34-94
60	Phenanthrene	500.0	370.1	74.02	45-90
61	Anthracene	500.0	364.0	72.79	42-87
62	Carbazole	500.0	394.1	78.83	43-93
63	Di-n-butylphthalat	500.0	383.2	76.63	48-99
64	Fluoranthene	500.0	378.2	75.63	43-98
65	Pyrene	500.0	367.6	73.52	39-99
67	Butylbenzylphthala	500.0	391.2	78.24	41-105
68	Benzo(a)anthracene	500.0	400.1	80.03	42-94
70	3,3'-Dichlorobenzi	500 ~~1280~~	297.4	59.4 23.23	14-84
71	Chrysene	500.0	391.3	78.25	45-92
72	bis(2-Ethylhexyl)p	500.0	367.5	73.49	34-111
73	Di-n-octylphthalat	500.0	355.8	71.16	32-107
74	Benzo(b)fluoranthe	500.0	378.5	75.69	43-105
75	Benzo(k)fluoranthe	500.0	361.2	72.24	40-108
76	Benzo(a)pyrene	500.0	314.7	62.95	41-95
78	Indeno(1,2,3-cd)py	500.0	338.4	67.68	28-101
79	Dibenzo(a,h)anthra	500.0	312.8	62.56	32-104
80	Benzo(g,h,i)peryle	500.0	332.3	66.46	18-106

	SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	750.0	485.1	64.68	10-114
$ 2	Phenol-d5	750.0	512.0	68.26	29-85
$ 5	2-Chlorophenol-d4	750.0	484.1	64.55	30-84
$ 10	1,2-Dichlorobenzen	500.0	318.5	63.70	25-82
$ 18	Nitrobenzene-d5	500.0	320.0	64.00	29-87
$ 36	2-Fluorobiphenyl	500.0	313.5	62.70	32-88
$ 55	2,4,6-Tribromophen	750.0	541.2	72.17	25-103

SIM Semivolatile Analysis
QC Summary Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SIM SW8270 SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	FBP	PHL	FPH	CPL	DCB	NBZ	TBP	TER	TOT OU
3SED1-A	69.6%	56.0%	55.2%	64.8%	58.8%	61.2%	80.0%	85.2%	0
3SED1-B	69.6%	58.4%	60.0%	70.4%	58.8%	64.8%	83.2%	82.8%	0
3SED1-C	78.0%	65.6%	65.6%	73.6%	61.2%	72.0%	79.2%	93.6%	0
3SED2-A	75.6%	72.0%	64.0%	75.2%	61.2%	106%	76.0%	93.6%	0
3SED2-B	73.2%	69.6%	63.2%	71.2%	61.2%	66.0%	80.8%	88.8%	0
3SED2-C	74.4%	68.8%	62.4%	72.0%	61.2%	68.4%	81.6%	88.8%	0
3SED11-A	64.4%	59.5%	57.1%	73.9%	55.2%	62.8%	79.5%	84.8%	0
3SED11-B	67.6%	63.5%	59.7%	77.3%	57.6%	72.0%	84.0%	90.8%	0
MB-060809	56.0%	47.7%	49.6%	50.4%	53.6%	55.6%	58.4%	80.8%	0
LCS-060809	60.0%	54.4%	53.3%	56.0%	57.6%	60.0%	69.1%	90.0%	0
3SED12-A	64.0%	55.5%	58.1%	68.0%	59.2%	63.2%	80.8%	98.4%	0
3SED12-A MS	69.6%	61.6%	63.2%	74.4%	64.0%	67.6%	88.0%	107%	0
3SED12-A MSD	67.6%	61.6%	63.2%	73.6%	64.8%	66.4%	85.6%	105%	0
3SED12-B	66.4%	57.1%	55.5%	65.6%	54.0%	60.0%	84.3%	99.6%	0

	LCS/MB LIMITS	QC LIMITS
(FBP) = 2-Fluorobiphenyl	(30-160)	(30-160)
(PHL) = d5-Phenol	(30-160)	(30-160)
(FPH) = 2-Fluorophenol	(30-160)	(30-160)
(CPL) = d4-2-Chlorophenol	(30-160)	(30-160)
(DCB) = d4-1,2-Dichlorobenzene	(30-160)	(30-160)
(NBZ) = d5-Nitrobenzene	(30-160)	(30-160)
(TBP) = 2,4,6-Tribromophenol	(30-160)	(30-160)
(TER) = d14-p-Terphenyl	(30-160)	(30-160)

Prep Method: SW3550B
Log Number Range: 09-12717 to 09-12733

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED12-A**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted MS/MSD: 06/08/09

Sample Amount MS: 16.6 g-dry-wt
MSD: 16.6 g-dry-wt

Date Analyzed MS: 06/13/09 14:08
MSD: 06/13/09 14:42

Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL

Instrument/Analyst MS: NT2/PK
MSD: NT2/PK

Dilution Factor MS: 1.00
MSD: 1.00

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Dibenz(a,h)anthracene	6.7	175	151	111%	166	151	105%	5.3%
1,4-Dichlorobenzene	< 6.1 U	100	151	66.2%	101	151	66.9%	1.0%
1,2,4-Trichlorobenzene	< 6.1 U	120	151	79.5%	120	151	79.5%	0.0%
Hexachlorobenzene	< 6.1 U	129	151	85.4%	132	151	87.4%	2.3%
Hexachlorobutadiene	< 6.1 U	123	151	81.5%	120	151	79.5%	2.5%
Dimethylphthalate	< 15.2 U	133	151	88.1%	128	151	84.8%	3.8%
Butylbenzylphthalate	< 15.2 U	143	151	94.7%	142	151	94.0%	0.7%
2-Methylphenol	< 6.1 U	117	151	77.5%	115	151	76.2%	1.7%
2,4-Dimethylphenol	< 6.1 U	114	151	75.5%	115	151	76.2%	0.9%
N-Nitrosodiphenylamine	< 6.1 U	119	151	78.8%	122	151	80.8%	2.5%
Benzyl Alcohol	< 30.3 U	304	301	101%	317	301	105%	4.2%
Pentachlorophenol	< 30.3 U	135	151	89.4%	128	151	84.8%	5.3%
1,2-Dichlorobenzene	< 6.1 U	108	151	71.5%	113	151	74.8%	4.5%
1,3-Dichlorobenzene	< 6.1 U	116	151	76.8%	118	151	78.1%	1.7%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LCS-060809**
Page 1 of 1 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-060809
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed LCS: 06/13/09 12:59
Instrument/Analyst LCS: NT2/PK

Sample Amount LCS: 16.0 g-dry-wt
Final Extract Volume LCS: 1.0 mL
Dilution Factor LCS: 1.00

Analyte	LCS	Spike Added	Recovery
Dibenz(a,h)anthracene	168	156	108%
1,4-Dichlorobenzene	95.0	156	60.9%
1,2,4-Trichlorobenzene	112	156	71.8%
Hexachlorobenzene	118	156	75.6%
Hexachlorobutadiene	115	156	73.7%
Dimethylphthalate	121	156	77.6%
Butylbenzylphthalate	155	156	99.4%
2-Methylphenol	104	156	66.7%
2,4-Dimethylphenol	78.1	156	50.1%
N-Nitrosodiphenylamine	104	156	66.7%
Benzyl Alcohol	304	312	97.4%
Pentachlorophenol	104	156	66.7%
1,2-Dichlorobenzene	101	156	64.7%
1,3-Dichlorobenzene	113	156	72.4%

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	60.0%
d5-Phenol	54.4%
2-Fluorophenol	53.3%
d4-2-Chlorophenol	56.0%
d4-1,2-Dichlorobenzene	57.6%
d5-Nitrobenzene	60.0%
2,4,6-Tribromophenol	69.1%
d14-p-Terphenyl	90.0%

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB35MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Lab File ID: PB35MBR Date Extracted: 06/08/09

Instrument ID: NT2 Date Analyzed: 06/13/09

Matrix: SOLID Time Analyzed: 1225

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PB35LCSS1	PB35LCSS1	PB35SBR	06/13/09
02	3SED12-A	PB35O	PB35O	06/13/09
03	3SED12-A MS	PB35OMS	PB35OMS	06/13/09
04	3SED12-A MSD	PB35OMSD	PB35OMSD	06/13/09
05	3SED12-B	PB35Q	PB35Q	06/13/09
06	3SED1-A	PB35A	PB35A	06/13/09
07	3SED1-B	PB35C	PB35C	06/13/09
08	3SED1-C	PB35E	061503	06/15/09
09	3SED2-A	PB35G	061504	06/15/09
10	3SED2-B	PB35I	061505	06/15/09
11	3SED2-C	PB35J	061506	06/15/09
12	3SED11-A	PB35K	061507	06/15/09
13	3SED11-B	PB35M	061508	06/15/09
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COMMENTS:

FORM IV SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT2 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 05/11/09 DFTPP Injection Time: 1113

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	64.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	85.1
70	Less than 2.0% of mass 69	0.2 (0.2)1
127	25.0 - 75.0% of mass 198	60.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	24.6
365	Greater than 0.75% of mass 198	3.03
441	Present, but less than mass 443	10.8
442	40.0 - 110.0% of mass 198	74.9
443	15.0 - 24.0% of mass 442	14.7 (19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		ABN 2.5	IC051101	05/11/09	1217
02		ABN 10	IC051102	05/11/09	1250
03		ABN 0.1	IC051103	05/11/09	1323
04		ABN 5	IC051104	05/11/09	1357
05		ABN 0.5	IC051105	05/11/09	1432
06		ABN 1	IC051106	05/11/09	1506
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT2 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 06/13/09 DFTPP Injection Time: 1021

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	66.7
68	Less than 2.0% of mass 69	0.8 (0.9)1
69	Mass 69 relative abundance	86.4
70	Less than 2.0% of mass 69	0.7 (0.8)1
127	25.0 - 75.0% of mass 198	64.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	24.8
365	Greater than 0.75% of mass 198	3.21
441	Present, but less than mass 443	10.1
442	40.0 - 110.0% of mass 198	61.8
443	15.0 - 24.0% of mass 442	12.5 (20.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		CC0613	CC0613	06/13/09	1042
02	PB35MBS1	PB35MBS1	PB35MBR	06/13/09	1225
03	PB35LCSS1	PB35LCSS1	PB35SBR	06/13/09	1259
04	3SED12-A	PB35O	PB35O	06/13/09	1334
05	3SED12-A MS	PB35OMS	PB35OMS	06/13/09	1408
06	3SED12-A MSD	PB35OMSD	PB35OMSD	06/13/09	1442
07	3SED12-B	PB35Q	PB35Q	06/13/09	1517
08	3SED1-A	PB35A	PB35A	06/13/09	1551
09	3SED1-B	PB35C	PB35C	06/13/09	1626
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT2 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 06/15/09 DFTPP Injection Time: 1015

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	61.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	83.3
70	Less than 2.0% of mass 69	0.6 (0.7)1
127	25.0 - 75.0% of mass 198	59.9
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	25.4
365	Greater than 0.75% of mass 198	3.84
441	Present, but less than mass 443	11.9
442	40.0 - 110.0% of mass 198	73.5
443	15.0 - 24.0% of mass 442	14.9 (20.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		ABN 2.5	CC0615	06/15/09	1215
02	3SED1-C	PB35E	061503	06/15/09	1439
03	3SED2-A	PB35G	061504	06/15/09	1513
04	3SED2-B	PB35I	061505	06/15/09	1547
05	3SED2-C	PB35J	061506	06/15/09	1621
06	3SED11-A	PB35K	061507	06/15/09	1655
07	3SED11-B	PB35M	061508	06/15/09	1729
08					
09					
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12					
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17					
18					
19					
20					
21					
22					

FORM V SV

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: IC051101 Ical Date: 05/11/09

Instrument ID: NT2 Cont. Cal Date: 06/13/09

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	ICAL MIDPT	119785	7.88	372217	9.88	182713	12.72
	UPPER LIMIT	239570	8.38	744434	10.38	365426	13.22
	LOWER LIMIT	59892	7.38	186108	9.38	91356	12.22
	Sample ID						
00	CC0613	102394	7.55	319796	9.54	167970	12.38
01	PB35MBS1	109310	7.55	329712	9.52	173447	12.38
02	PB35LCSS1	108996	7.55	327258	9.52	176860	12.38
03	3SED12-A	106551	7.55	320640	9.52	169380	12.38
04	3SED12-A MS	107058	7.55	323853	9.54	171199	12.37
05	3SED12-A MSD	102038	7.55	323528	9.54	167549	12.38
06	3SED12-B	107154	7.55	322884	9.54	165955	12.37
07	3SED1-A	104148	7.55	329832	9.54	161068	12.38
08	3SED1-B	103794	7.57	324588	9.54	165322	12.38
09							
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20							
21							
22							

IS1 = 1,4-Dichlorobenzene-d4
IS2 = Naphthalene-d8
IS3 = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-1

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: PB35C Ical Date: 05/11/09

Instrument ID: NT2 Cont. Cal Date: 06/13/09

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	ICAL MIDPT	286879	15.09	251912	19.41	231524	21.58
	UPPER LIMIT	573758	15.59	503824	19.91	463048	22.08
	LOWER LIMIT	143440	14.59	125956	18.91	115762	21.08
	Sample ID						
00	CC0613	271842	14.74	211966	19.04	169442	21.18
01	PB35MBS1	294124	14.74	223405	19.04	172154	21.17
02	PB35LCSS1	292868	14.74	208235	19.02	158565	21.18
03	3SED12-A	282349	14.74	153748	19.04	146032	21.19
04	3SED12-A MS	293562	14.74	156881	19.04	148943	21.19
05	3SED12-A MSD	290105	14.74	155436	19.04	152010	21.19
06	3SED12-B	294676	14.74	162045	19.04	157127	21.19
07	3SED1-A	262826	14.74	176120	19.04	138872	21.21
08	3SED1-B	260908	14.74	179721	19.04	122807	21.21
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IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-2

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC — Client: ESC

ARI Job No: PB35 — Project: JELD-WEN NORD DOOR

Ical Midpoint ID: IC051101 — Ical Date: 05/11/09

Instrument ID: NT2 — Cont. Cal Date: 06/15/09

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	ICAL MIDPT	119785	7.88	372217	9.88	182713	12.72
	UPPER LIMIT	239570	8.38	744434	10.38	365426	13.22
	LOWER LIMIT	59892	7.38	186108	9.38	91356	12.22
	Sample ID						
00	CC0615	127809	7.47	386074	9.46	198525	12.30
01	3SED1-C	180109	7.47	524998	9.46	258663	12.28
02	3SED2-A	182024	7.47	553253	9.46	282375	12.30
03	3SED2-B	179126	7.47	552433	9.46	281792	12.30
04	3SED2-C	215075	7.47	637074	9.46	328114	12.30
05	3SED11-A	178453	7.49	532336	9.46	274034	12.30
06	3SED11-B	192009	7.49	573327	9.46	294291	12.30
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IS1 = 1,4-Dichlorobenzene-d4
IS2 = Naphthalene-d8
IS3 = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-1

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: 061508 Ical Date: 05/11/09

Instrument ID: NT2 Cont. Cal Date: 06/15/09

		IS4(PHN)		IS5(CRY)		IS6(PRY)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	ICAL MIDPT	286879	15.09	251912	19.41	231524	21.58
	UPPER LIMIT	573758	15.59	503824	19.91	463048	22.08
	LOWER LIMIT	143440	14.59	125956	18.91	115762	21.08
	Sample ID						
00	CC0615	337566	14.64	285992	18.93	233429	21.08
01	3SED1-C	471310	14.64	316430	18.94	234750	21.10
02	3SED2-A	516676	14.64	344541	18.94	192919	21.10
03	3SED2-B	514213	14.66	349131	18.96	207020	21.10
04	3SED2-C	604448*	14.64	426405	18.96	191888	21.13
05	3SED11-A	456482	14.64	309743	18.94	165027	21.08
06	3SED11-B	516722	14.64	344869	18.94	184053	21.10
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22							

IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-2

SIM Semivolatile Analysis
Sample Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED1-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 15:51
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 37.1%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	92	< 92 U
87-86-5	Pentachlorophenol	92	< 92 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	69.6%	d5-Phenol	56.0%
2-Fluorophenol	55.2%	d4-2-Chlorophenol	64.8%
d4-1,2-Dichlorobenzene	58.8%	d5-Nitrobenzene	61.2%
2,4,6-Tribromophenol	80.0%	d14-p-Terphenyl	85.2%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090613.b/pb35a.d
Lab Smp Id: PB35A Client Smp ID: 3SED1-A
Inj Date : 13-JUN-2009 15:51
Operator : VTS Inst ID: nt2.i
Smp Info : PB35A,3
Misc Info : 09-12717
Comment :
Method : /chem3/nt2.i/20090613.b/SIMABN.m
Meth Date : 16-Jun-2009 11:51 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 7
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	26.10000	Weight of sample extracted (g)
M	37.10000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.728	5.714	(0.759)	42935	0.69002	126.1
$	2 Phenol-d5	99	7.168	7.133	(0.949)	57387	0.69652	127.3
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.272	7.272	(0.963)	44804	0.80919	147.9
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.551	7.550	(1.000)	104148	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.845	7.844	(1.039)	19285	0.48739	89.06
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.277	8.277	(1.096)	3667	0.05397	9.862
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.446	8.446	(0.885)	45235	0.50522	92.32
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.543	9.542	(1.000)	329832	2.00000	
30	Hexachlorobutadiene	225	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.321	11.320	(0.915)	67086	0.58383	106.7
39	Dimethylphthalate	163	Compound Not Detected.					
* 42	Acenaphthene-d10	162	12.376	12.376	(1.000)	161068	2.00000	
50	Diethylphthalate	149	13.193	13.192	(1.066)	13416	0.10926	19.97(M) B
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.667	13.667	(0.927)	12450	1.00209	183.1
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	14.567	14.567	(0.988)	1122	0.06347	11.60
* 59	Phenanthrene-d10	188	14.736	14.736	(1.000)	262826	2.00000	
$ 66	Terphenyl-d14	244	17.382	17.382	(0.913)	38837	0.70889	129.5
67	Butylbenzylphthalate	149	Compound Not Detected.					
* 69	Chrysene-d12	240	19.036	19.036	(1.000)	176120	2.00000	
* 77	Perylene-d12	264	21.206	21.175	(1.000)	138872	2.00000	
79	Dibenzo(a,h)anthracene	278	22.714	22.683	(1.071)	3335	0.05170	9.448(M)
90	N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: pb35a.d
Lab Smp Id: PB35A
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12717

Calibration Date: 13-JUN-2009
Calibration Time: 10:42
Client Smp ID: 3SED1-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	104148	-13.05
27 Naphthalene-d8	372217	186108	744434	329832	-11.39
42 Acenaphthene-d10	182713	91356	365426	161068	-11.85
59 Phenanthrene-d10	286879	143440	573758	262826	-8.38
69 Chrysene-d12	251912	125956	503824	176120	-30.09
77 Perylene-d12	231524	115762	463048	138872	-40.02

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.55	7.05	8.05	7.55	0.01
27 Naphthalene-d8	9.54	9.04	10.04	9.54	0.00
42 Acenaphthene-d10	12.38	11.88	12.88	12.38	0.00
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	0.00
69 Chrysene-d12	19.04	18.54	19.54	19.04	0.00
77 Perylene-d12	21.18	20.68	21.68	21.21	0.15

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35A
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12717

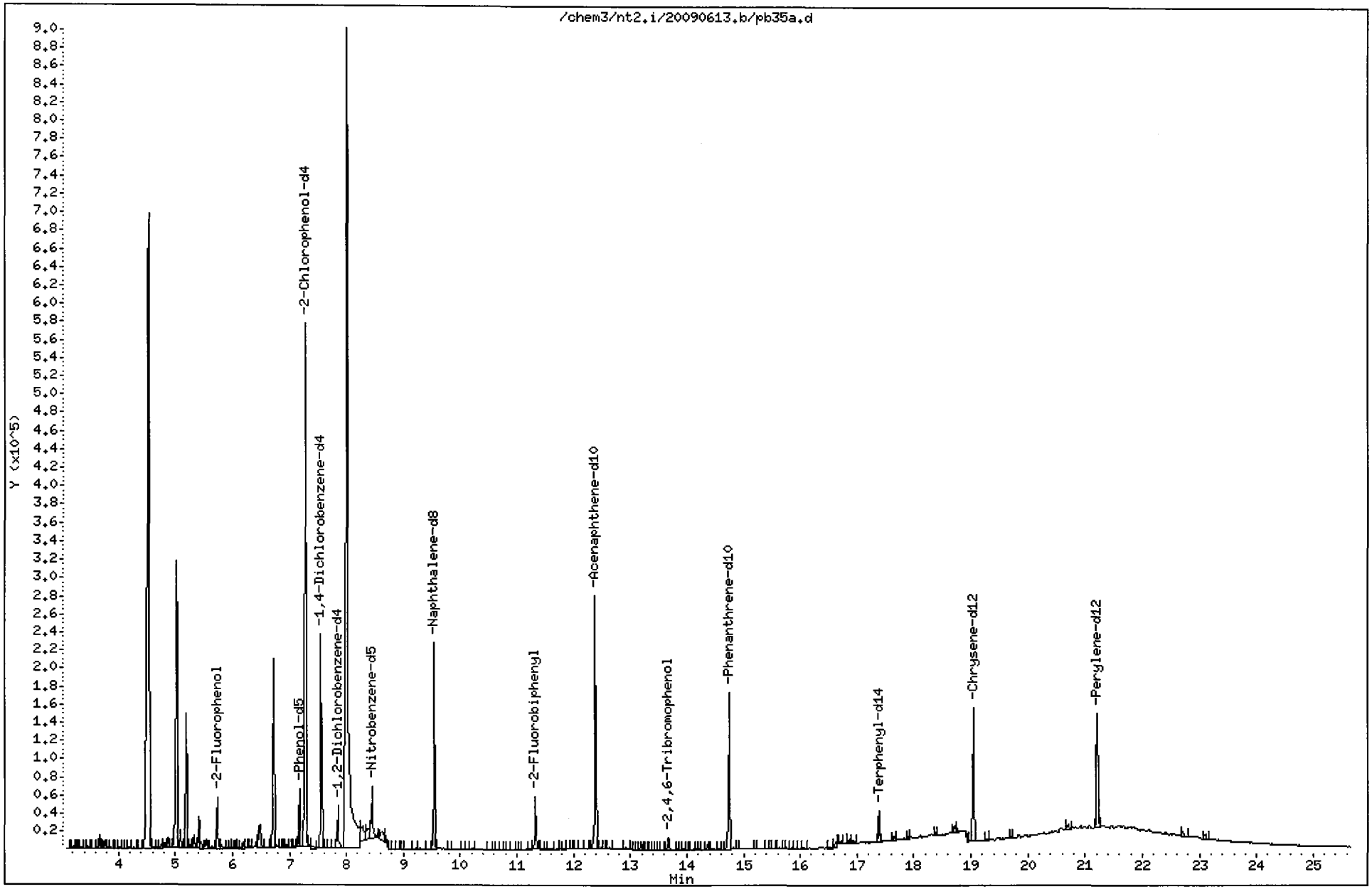
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED1-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	228.4	126.1	55.20	30-160
$ 2 Phenol-d5	228.4	127.3	55.72	30-160
$ 5 2-Chlorophenol-d4	228.4	147.9	64.73	30-160
$ 10 1,2-Dichlorobenzen	152.3	89.06	58.49	30-160
$ 18 Nitrobenzene-d5	152.3	92.32	60.63	30-160
$ 36 2-Fluorobiphenyl	152.3	106.7	70.06	30-160
$ 55 2,4,6-Tribromophen	228.4	183.1	80.17	30-160
$ 66 Terphenyl-d14	152.3	129.5	85.07	30-160

Data File: /chem3/nt2.i/20090613.b/pb35a.d
Date : 13-JUN-2009 15:51
Client ID: 3SED1-A
Sample Info: PB35A,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB35:66532



Data File: /chem3/nt2.i/20090613.b/pb35a.d

Date : 13-JUN-2009 15:51

Client ID: 3SED1-A

Instrument: nt2.i

Sample Info: PB35A,3

Volume Injected (uL): 2.0

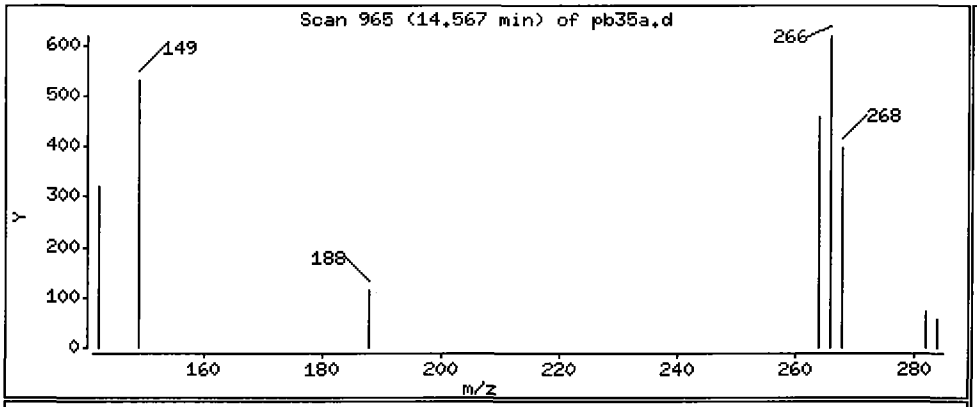
Operator: VTS

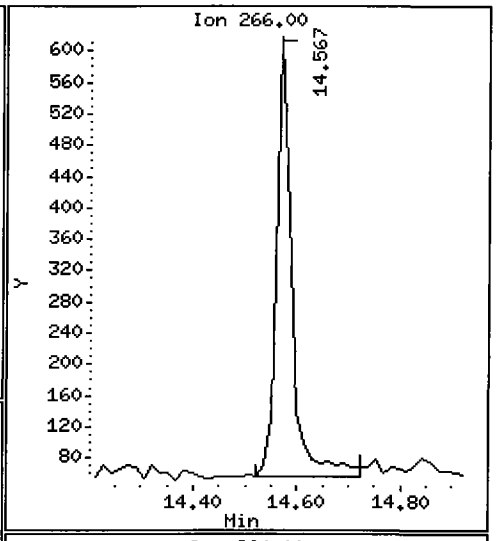
Column phase: ZB-5

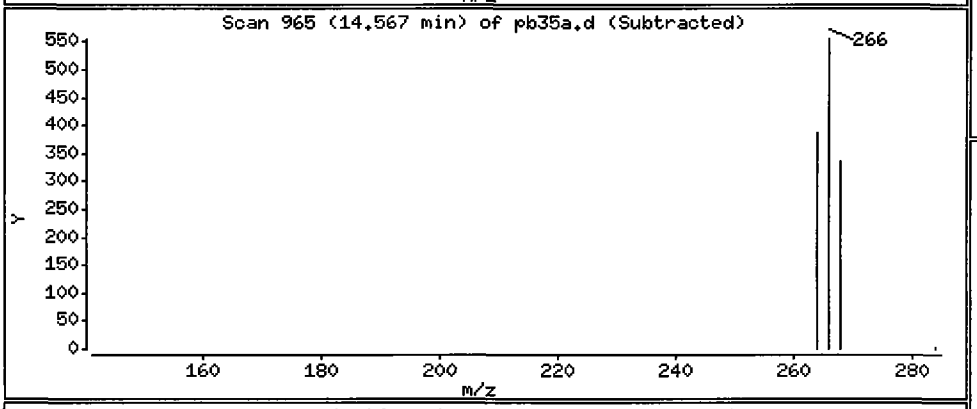
Column diameter: 0.32

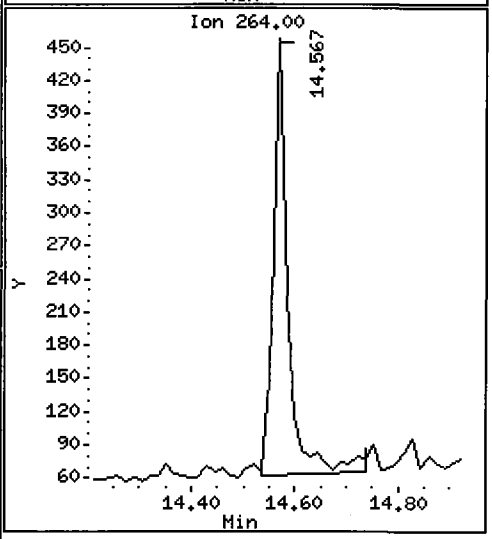
58 Pentachlorophenol

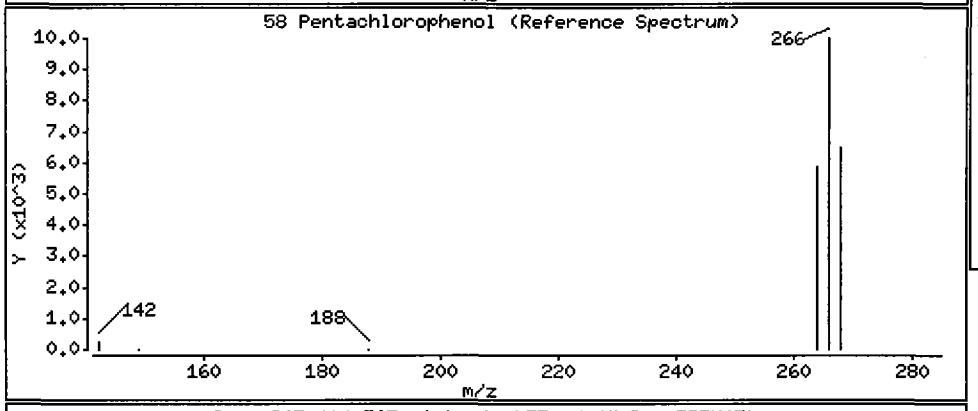
Concentration: 11.60 ug/kg

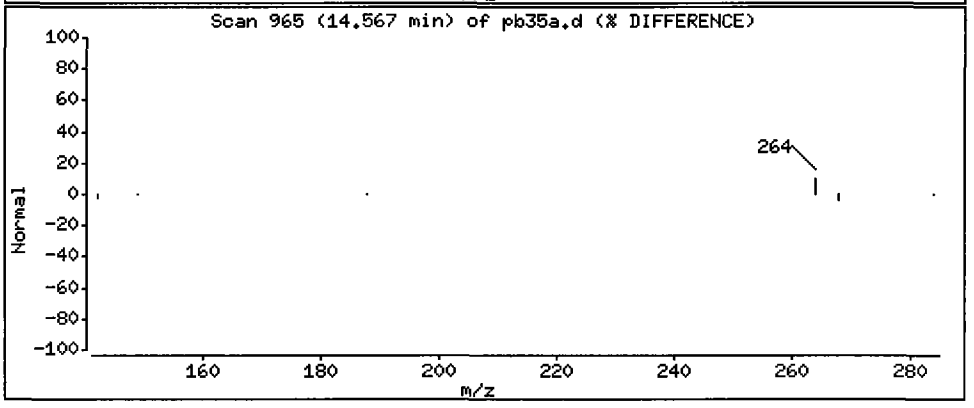












Data File: /chem3/nt2.i/20090613.b/pb35a.d

Date : 13-JUN-2009 15:51

Client ID: 3SED1-A

Instrument: nt2.i

Sample Info: PB35A,3

Volume Injected (uL): 2.0

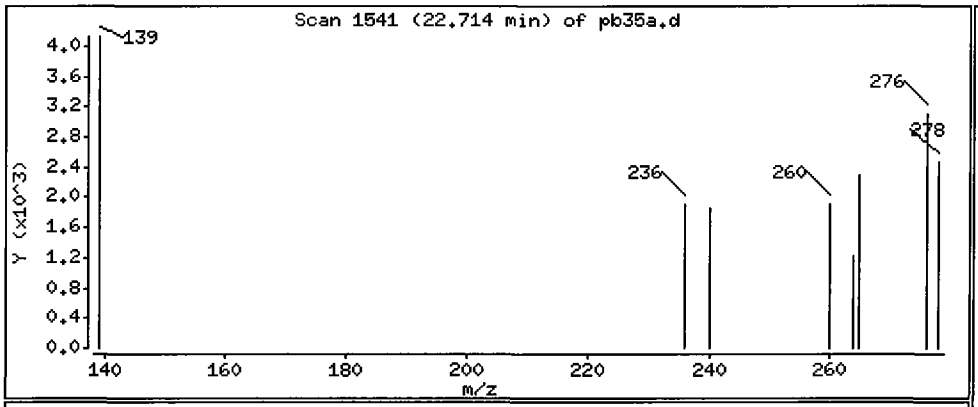
Operator: VTS

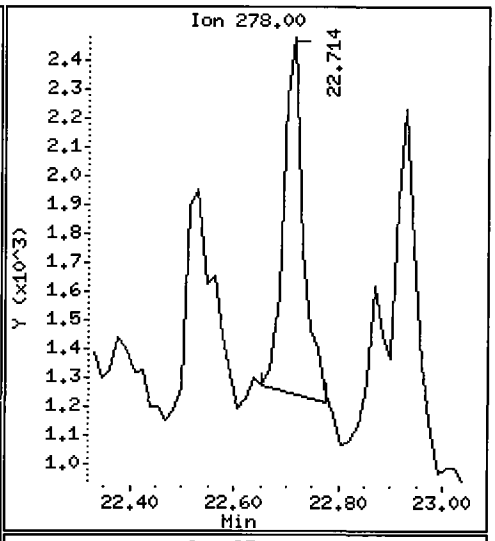
Column phase: ZB-5

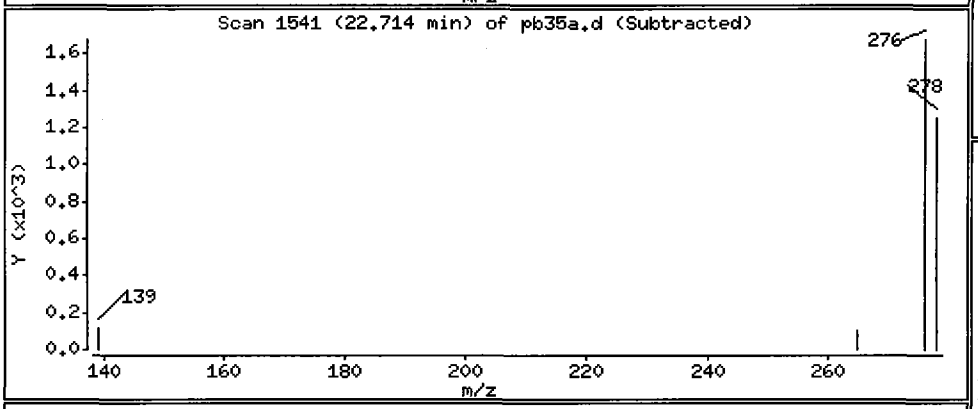
Column diameter: 0.32

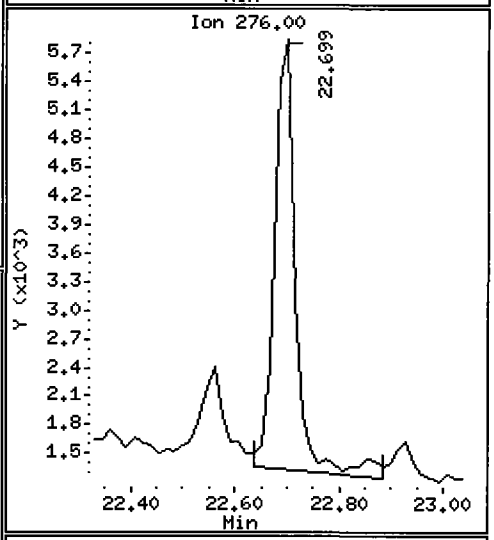
79 Dibenzo(a,h)anthracene

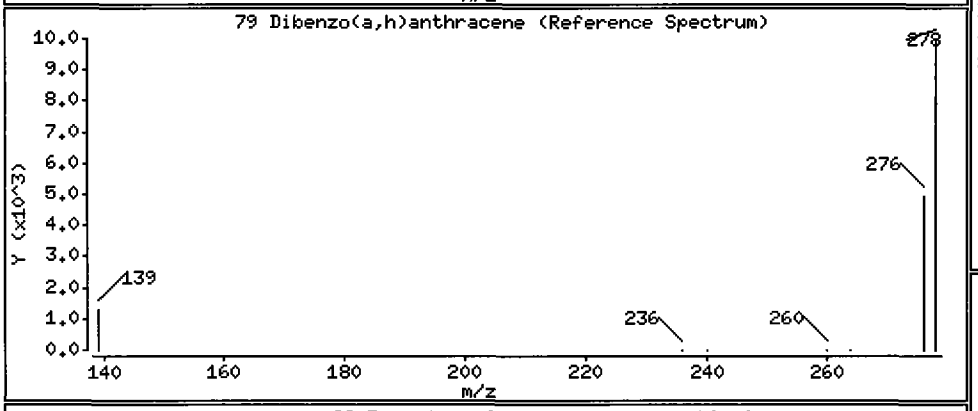
Concentration: 9.448 ug/kg

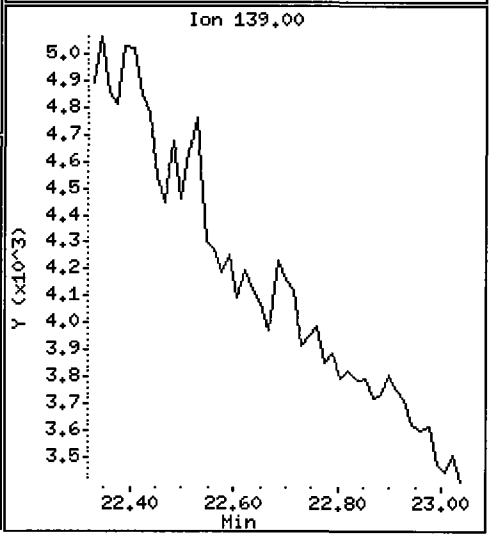


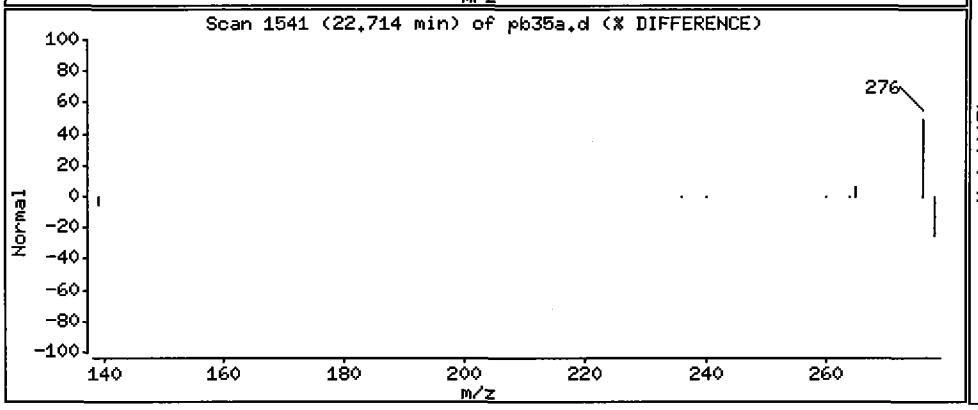












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED1-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 16:26
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 43.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	45	< 45 U
85-68-7	Butylbenzylphthalate	45	< 45 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	90	< 90 U
87-86-5	Pentachlorophenol	90	< 90 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	69.6%	d5-Phenol	58.4%
2-Fluorophenol	60.0%	d4-2-Chlorophenol	70.4%
d4-1,2-Dichlorobenzene	58.8%	d5-Nitrobenzene	64.8%
2,4,6-Tribromophenol	83.2%	d14-p-Terphenyl	82.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090613.b/pb35c.d
Lab Smp Id: PB35C Client Smp ID: 3SED1-B
Inj Date : 13-JUN-2009 16:26
Operator : VTS Inst ID: nt2.i
Smp Info : PB35C,3
Misc Info : 09-12719
Comment :
Method : /chem3/nt2.i/20090613.b/SIMABN.m
Meth Date : 16-Jun-2009 11:51 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 8
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	29.30000	Weight of sample extracted (g)
M	43.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.731	5.714	(0.757)	46240	0.74567	134.7
$	2 Phenol-d5	99	7.169	7.133	(0.947)	60292	0.73427	132.6
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.285	7.272	(0.963)	48476	0.87849	158.6
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.567	7.550	(1.000)	103794	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.844	7.844	(1.037)	19159	0.48586	87.74
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.277	8.277	(1.094)	5036	0.07437	13.43
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.446	8.446	(0.885)	47643	0.54071	97.64
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.543	9.542	(1.000)	324588	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.320	11.320	(0.915)	68720	0.58266	105.2
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.375	12.376	(1.000)	165322	2.00000	
	50 Diethylphthalate	149	13.194	13.192	(1.066)	6674	0.05296	9.563
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.669	13.667	(0.928)	12812	1.03881	187.6
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.567	14.567	(0.988)	2650	0.15101	27.27
*	59 Phenanthrene-d10	188	14.736	14.736	(1.000)	260908	2.00000	
$	66 Terphenyl-d14	244	17.381	17.382	(0.913)	38635	0.69107	124.8
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	19.036	19.036	(1.000)	179721	2.00000	
*	77 Perylene-d12	264	21.206	21.175	(1.000)	122807	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: pb35c.d
Lab Smp Id: PB35C
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12719

Calibration Date: 13-JUN-2009
Calibration Time: 10:42
Client Smp ID: 3SED1-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	103794	-13.35
27 Naphthalene-d8	372217	186108	744434	324588	-12.80
42 Acenaphthene-d10	182713	91356	365426	165322	-9.52
59 Phenanthrene-d10	286879	143440	573758	260908	-9.05
69 Chrysene-d12	251912	125956	503824	179721	-28.66
77 Perylene-d12	231524	115762	463048	122807	-46.96

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.55	7.05	8.05	7.57	0.22
27 Naphthalene-d8	9.54	9.04	10.04	9.54	0.01
42 Acenaphthene-d10	12.38	11.88	12.88	12.38	0.00
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	0.00
69 Chrysene-d12	19.04	18.54	19.54	19.04	0.00
77 Perylene-d12	21.18	20.68	21.68	21.21	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35C
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12719

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED1-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

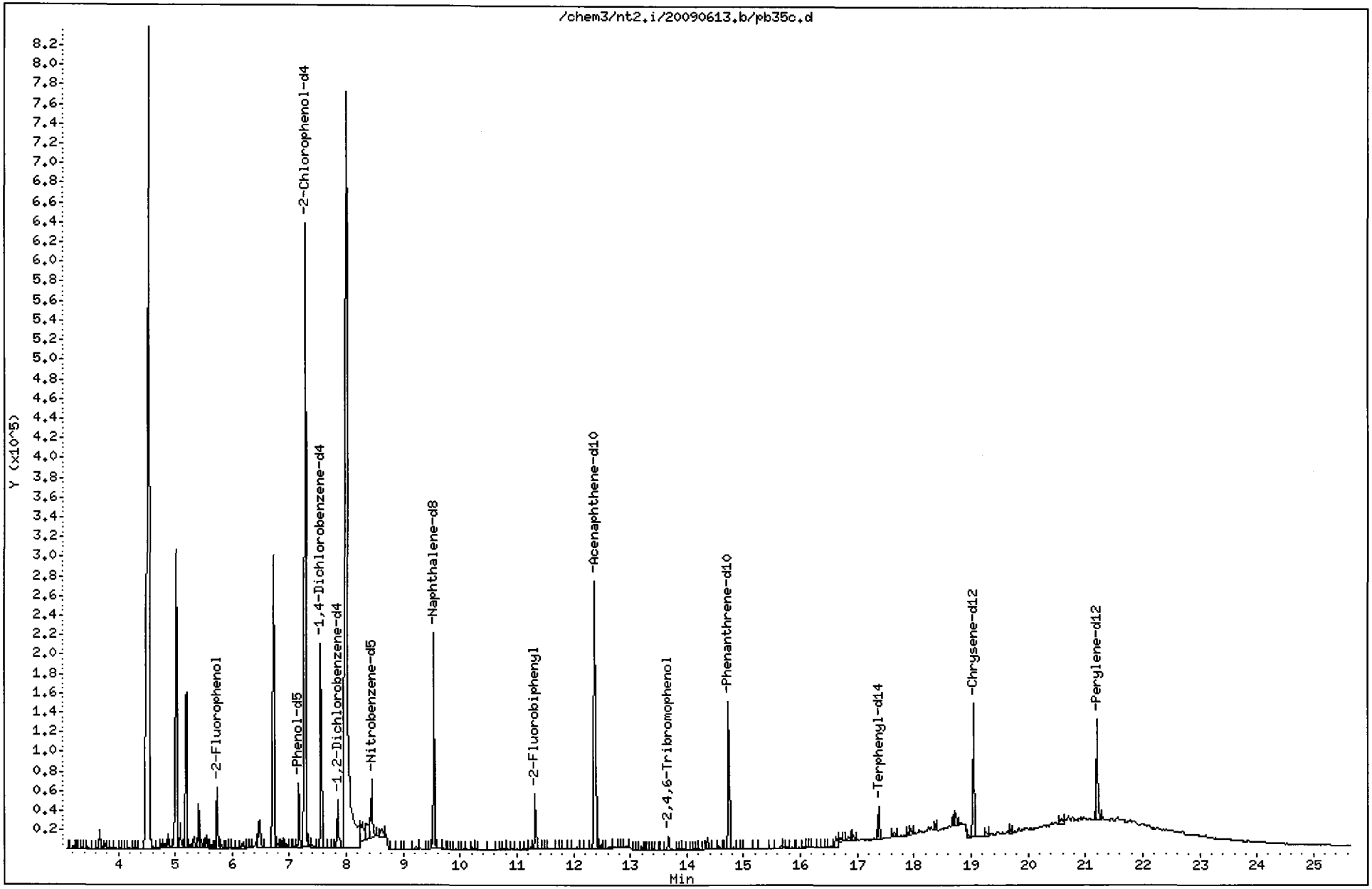
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	225.7	134.7	59.65	30-160
$ 2 Phenol-d5	225.7	132.6	58.74	30-160
$ 5 2-Chlorophenol-d4	225.7	158.6	70.28	30-160
$ 10 1,2-Dichlorobenzen	150.5	87.74	58.30	30-160
$ 18 Nitrobenzene-d5	150.5	97.64	64.89	30-160
$ 36 2-Fluorobiphenyl	150.5	105.2	69.92	30-160
$ 55 2,4,6-Tribromophen	225.7	187.6	83.10	30-160
$ 66 Terphenyl-d14	150.5	124.8	82.93	30-160

Data File: /chem3/nt2.i/20090613.b/pb35c.d
Date : 13-JUN-2009 16:26
Client ID: 3SED1-B
Sample Info: PB35C,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB35:06519



Data File: /chem3/nt2.i/20090613.b/pb35c.d

Date : 13-JUN-2009 16:26

Client ID: 3SED1-B

Instrument: nt2.i

Sample Info: PB35C,3

Volume Injected (uL): 2.0

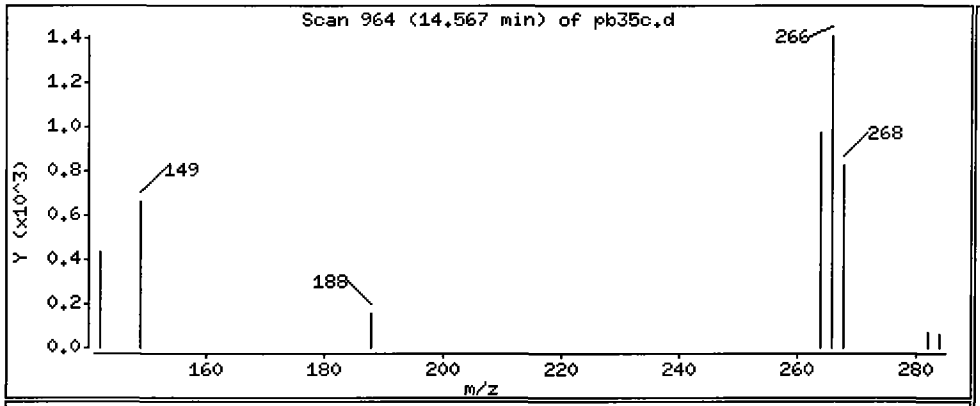
Operator: VTS

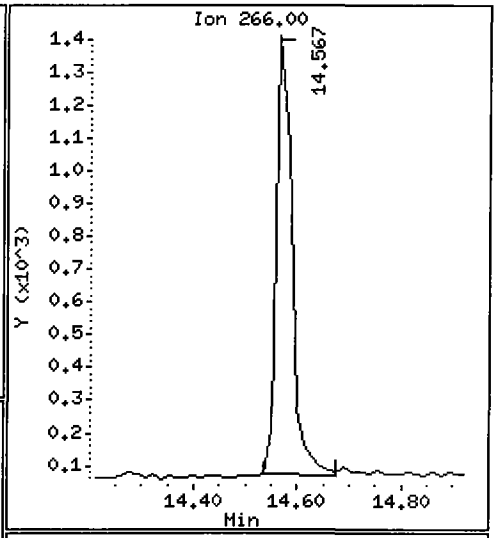
Column phase: ZB-5

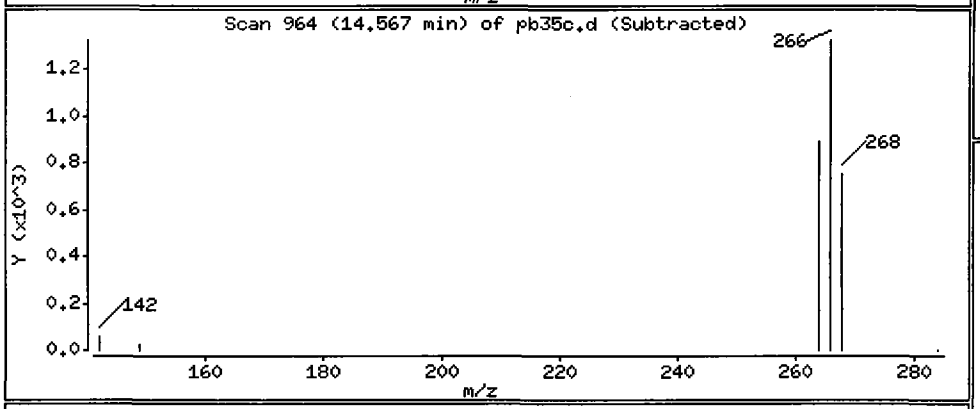
Column diameter: 0.32

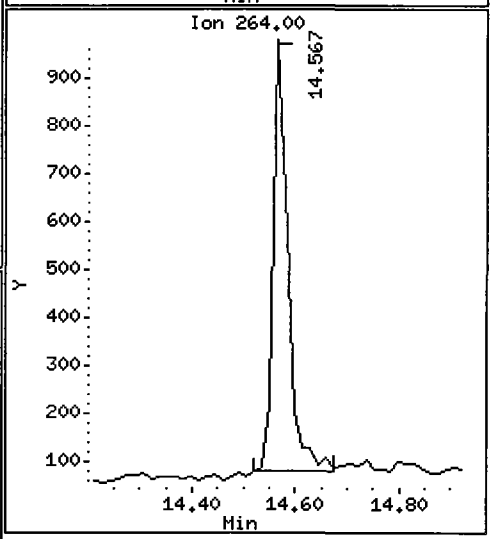
58 Pentachlorophenol

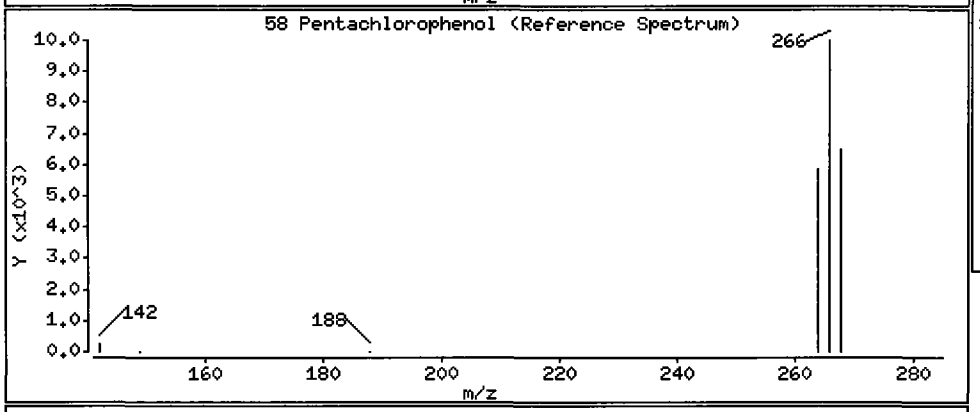
Concentration: 27.27 ug/kg

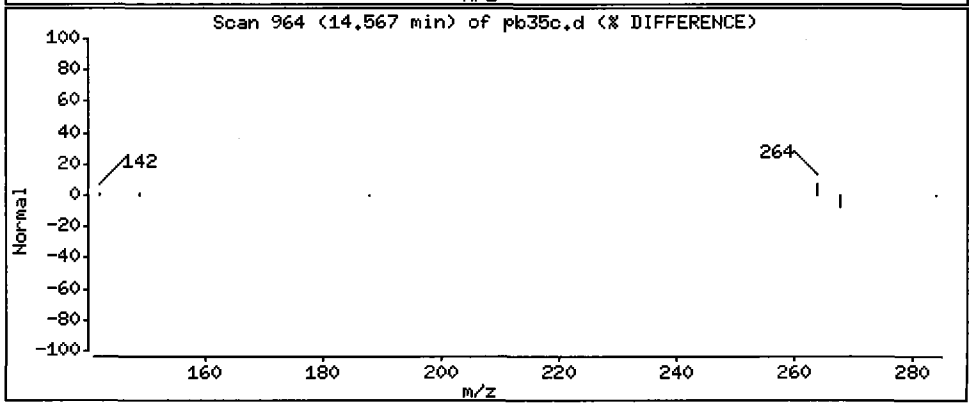












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED1-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35E
LIMS ID: 09-12721
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 14:39
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 46.8%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	45	< 45 U
85-68-7	Butylbenzylphthalate	45	< 45 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	90	< 90 U
87-86-5	Pentachlorophenol	90	< 90 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	78.0%	d5-Phenol	65.6%
2-Fluorophenol	65.6%	d4-2-Chlorophenol	73.6%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	72.0%
2,4,6-Tribromophenol	79.2%	d14-p-Terphenyl	93.6%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061503.d
Lab Smp Id: PB35E Client Smp ID: 3SED1-C
Inj Date : 15-JUN-2009 14:39
Operator : VTS Inst ID: nt2.i
Smp Info : PB35E,3
Misc Info : 09-12721
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 3
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	31.20000	Weight of sample extracted (g)
M	46.80000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.653	5.639	(0.757)	87743	0.81542	147.4
$	2 Phenol-d5	99	7.100	7.054	(0.951)	116920	0.82058	148.3(H)
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.193	7.192	(0.963)	88444	0.92367	166.9
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.467	7.467	(1.000)	180109	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.761	7.761	(1.039)	34829	0.50900	92.00
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.208	8.191	(1.099)	9914	0.08437	15.25
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.362	8.361	(0.884)	84972	0.59624	107.8
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	524998	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.242	11.241	(0.915)	120253	0.65166	117.8
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.280	12.296	(1.000)	258663	2.00000	
	50 Diethylphthalate	149	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.571	13.572	(0.927)	21990	0.98702	178.4
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.475	14.475	(0.988)	5522	0.17419	31.48(M)
*	59 Phenanthrene-d10	188	14.644	14.645	(1.000)	471310	2.00000	
$	66 Terphenyl-d14	244	17.285	17.285	(0.912)	76820	0.78044	141.1
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.944	18.929	(1.000)	316430	2.00000	
*	77 Perylene-d12	264	21.099	21.084	(1.000)	234750	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061503.d
Lab Smp Id: PB35E
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12721

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: 3SED1-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	180109	50.36
27 Naphthalene-d8	372217	186108	744434	524998	41.05
42 Acenaphthene-d10	182713	91356	365426	258663	41.57
59 Phenanthrene-d10	286879	143440	573758	471310	64.29
69 Chrysene-d12	251912	125956	503824	316430	25.61
77 Perylene-d12	231524	115762	463048	234750	1.39

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.47	0.00
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.28	-0.13
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	-0.01
69 Chrysene-d12	18.93	18.43	19.43	18.94	0.08
77 Perylene-d12	21.08	20.58	21.58	21.10	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35E
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12721

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED1-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

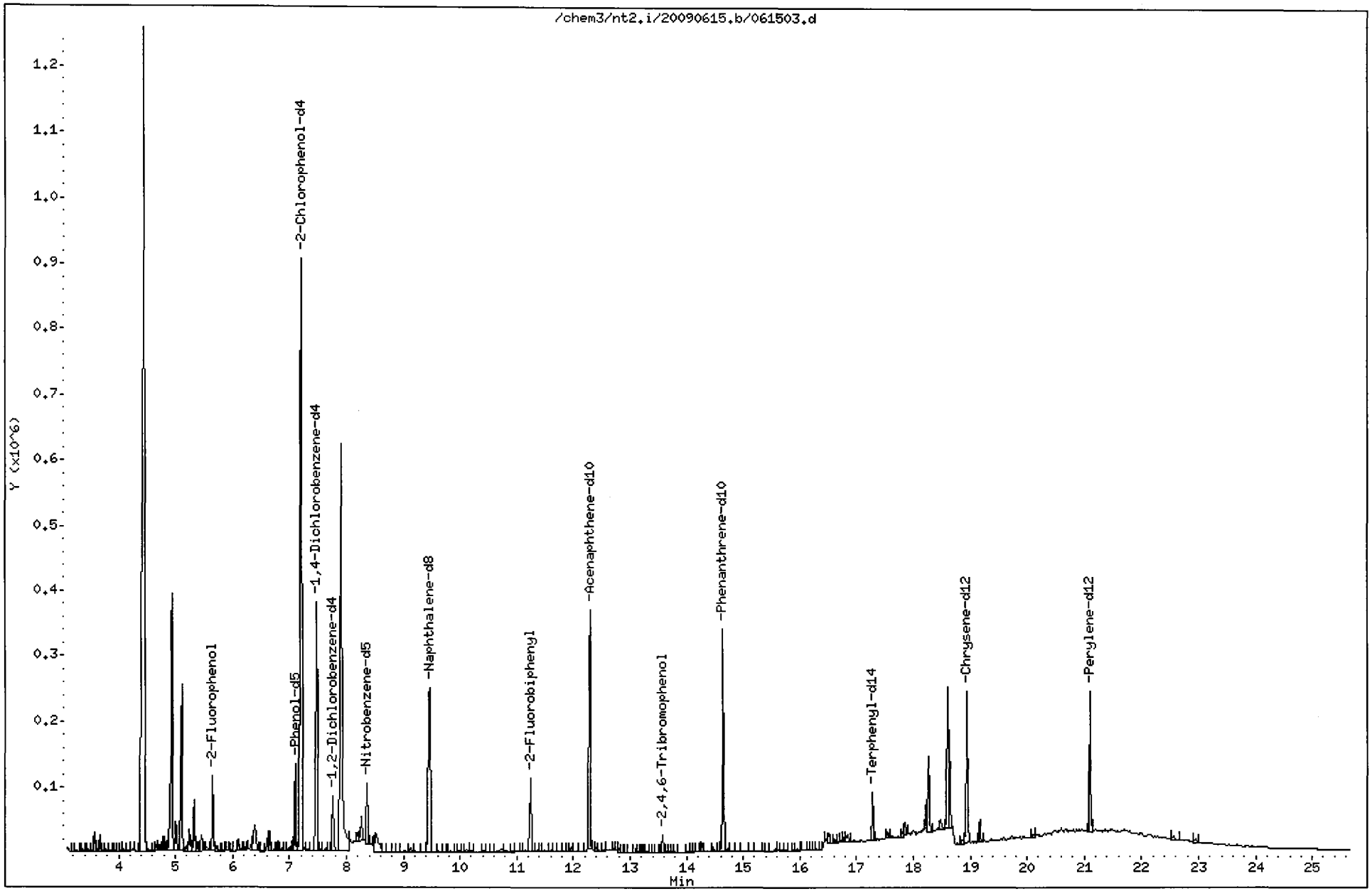
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	225.9	147.4	65.23	30-160
$ 2 Phenol-d5	225.9	148.3	65.65	30-160
$ 5 2-Chlorophenol-d4	225.9	166.9	73.89	30-160
$ 10 1,2-Dichlorobenzen	150.6	92.00	61.08	30-160
$ 18 Nitrobenzene-d5	150.6	107.8	71.55	30-160
$ 36 2-Fluorobiphenyl	150.6	117.8	78.20	30-160
$ 55 2,4,6-Tribromophen	225.9	178.4	78.96	30-160
$ 66 Terphenyl-d14	150.6	141.1	93.65	30-160

Data File: /chem3/nt2.i/20090615.b/061503.d
Date : 15-JUN-2009 14:39
Client ID: 3SED1-C
Sample Info: PB35E,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB35:66517



Data File: /chem3/nt2.i/20090615.b/061503.d

Date : 15-JUN-2009 14:39

Client ID: 3SED1-C

Instrument: nt2.i

Sample Info: PB35E,3

Volume Injected (uL): 2.0

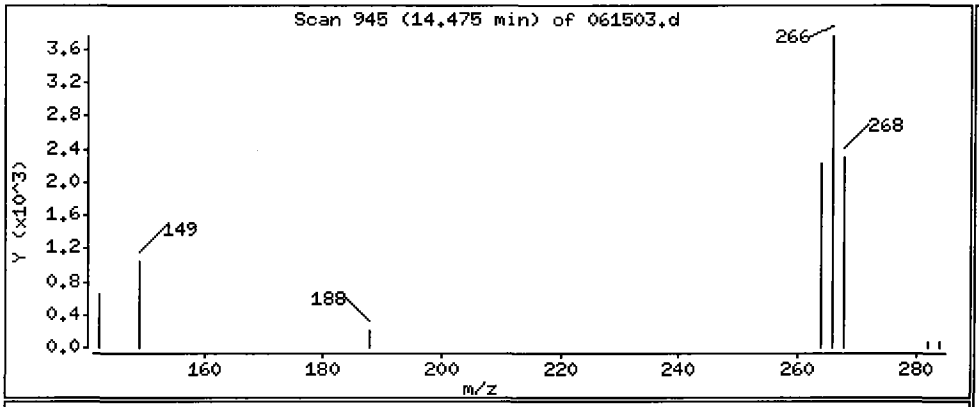
Operator: VTS

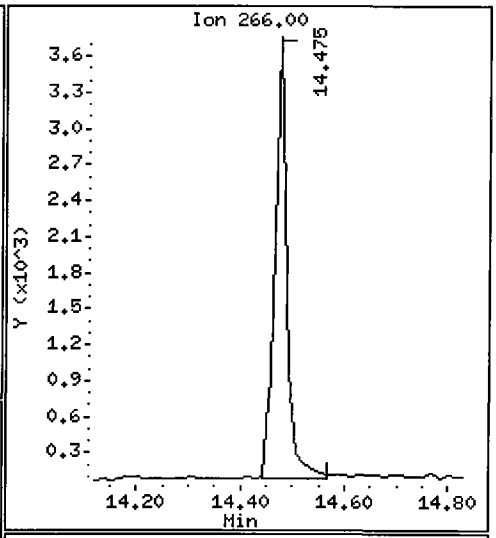
Column phase: ZB-5

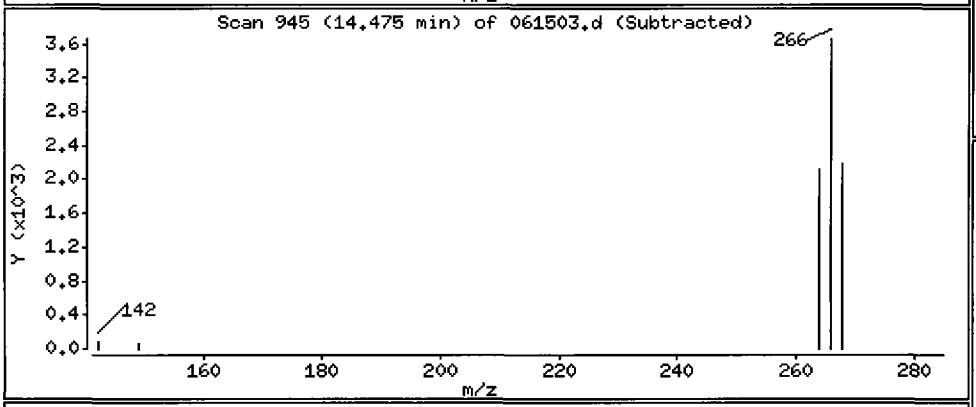
Column diameter: 0.32

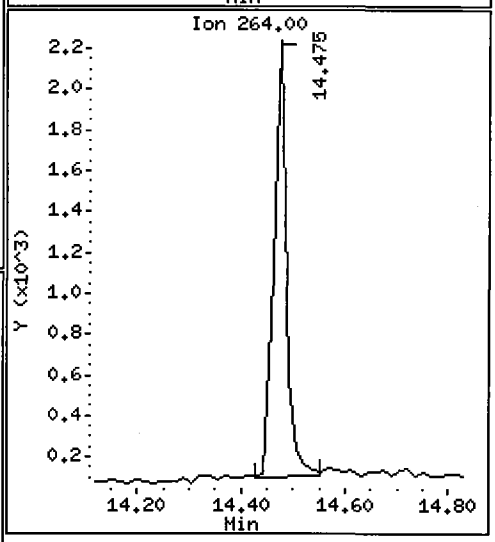
58 Pentachlorophenol

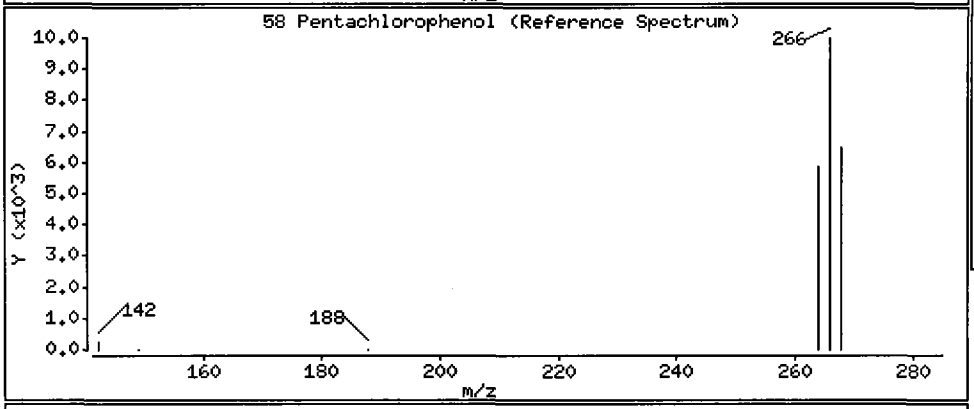
Concentration: 31.48 ug/kg

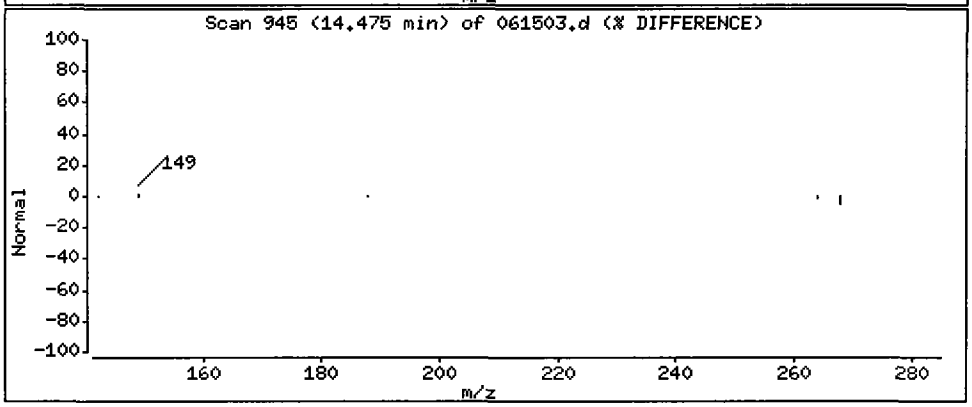




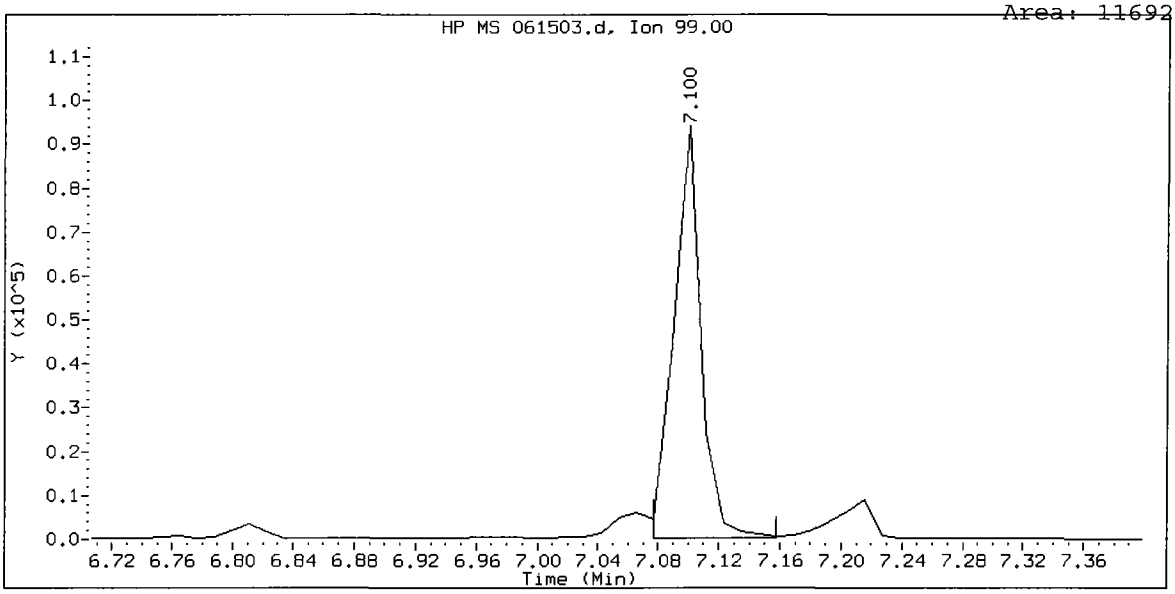


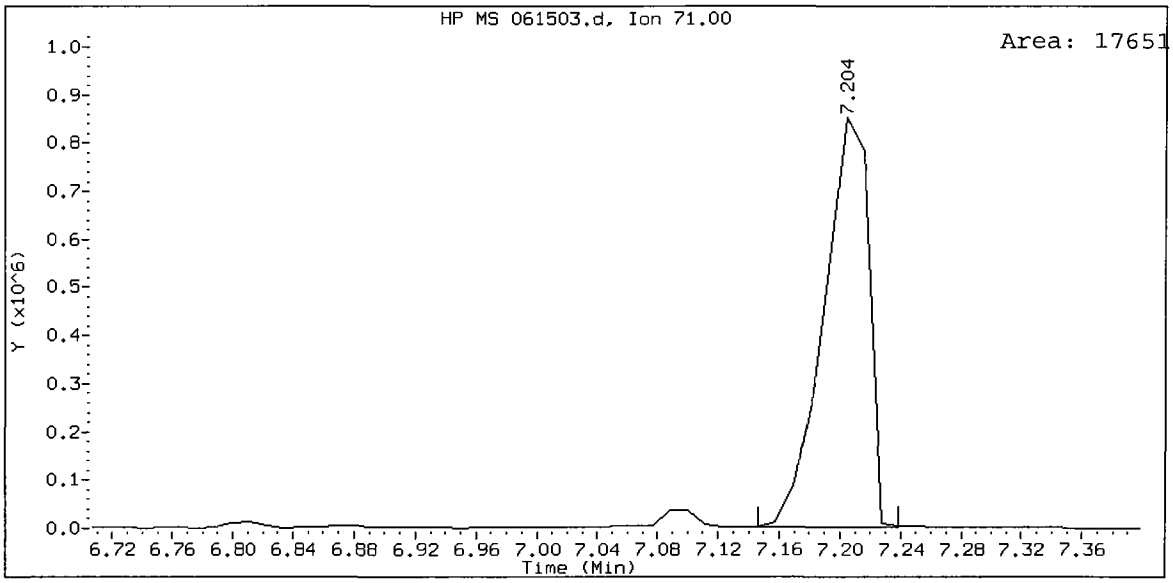






PB35E, /chem3/nt2.i/20090615.b/061503.d
Phenol-d5 Amount: 0.82





ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED2-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35G
LIMS ID: 09-12723
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:13
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	92	< 92 U
87-86-5	Pentachlorophenol	92	< 92 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	75.6%	d5-Phenol	72.0%
2-Fluorophenol	64.0%	d4-2-Chlorophenol	75.2%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	106%
2,4,6-Tribromophenol	76.0%	d14-p-Terphenyl	93.6%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061504.d
Lab Smp Id: PB35G Client Smp ID: 3SED2-A
Inj Date : 15-JUN-2009 15:13
Operator : VTS Inst ID: nt2.i
Smp Info : PB35G,3
Misc Info : 09-12723
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 4
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	20.30000	Weight of sample extracted (g)
M	19.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.652	5.639	(0.757)	86545	0.79582	146.3
$	2 Phenol-d5	99	7.089	7.054	(0.949)	129108	0.89659	164.8
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.194	7.192	(0.963)	90970	0.94005	172.8
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.468	7.467	(1.000)	182024	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.762	7.761	(1.039)	35281	0.51018	93.78
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.208	8.191	(1.099)	13571	0.11428	21.01
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.362	8.361	(0.884)	132165	0.88002	161.8
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	553253	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.241	11.241	(0.914)	127238	0.63162	116.1
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.297	12.296	(1.000)	282375	2.00000	
	50 Diethylphthalate	149	13.109	13.109	(1.066)	19422	0.09022	16.58
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.583	13.572	(0.928)	23134	0.94719	174.1
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.475	14.475	(0.988)	3792	0.10912	20.06
*	59 Phenanthrene-d10	188	14.644	14.645	(1.000)	516676	2.00000	
$	66 Terphenyl-d14	244	17.286	17.285	(0.912)	84105	0.78473	144.2
	67 Butylbenzylphthalate	149	18.165	18.164	(0.959)	11520	0.08596	15.80
*	69 Chrysene-d12	240	18.945	18.929	(1.000)	344541	2.00000	
*	77 Perylene-d12	264	21.099	21.084	(1.000)	192919	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061504.d
Lab Smp Id: PB35G
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12723

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: 3SED2-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	182024	51.96
27 Naphthalene-d8	372217	186108	744434	553253	48.64
42 Acenaphthene-d10	182713	91356	365426	282375	54.55
59 Phenanthrene-d10	286879	143440	573758	516676	80.10
69 Chrysene-d12	251912	125956	503824	344541	36.77
77 Perylene-d12	231524	115762	463048	192919	-16.67

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.47	0.02
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.01
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.94	0.08
77 Perylene-d12	21.08	20.58	21.58	21.10	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

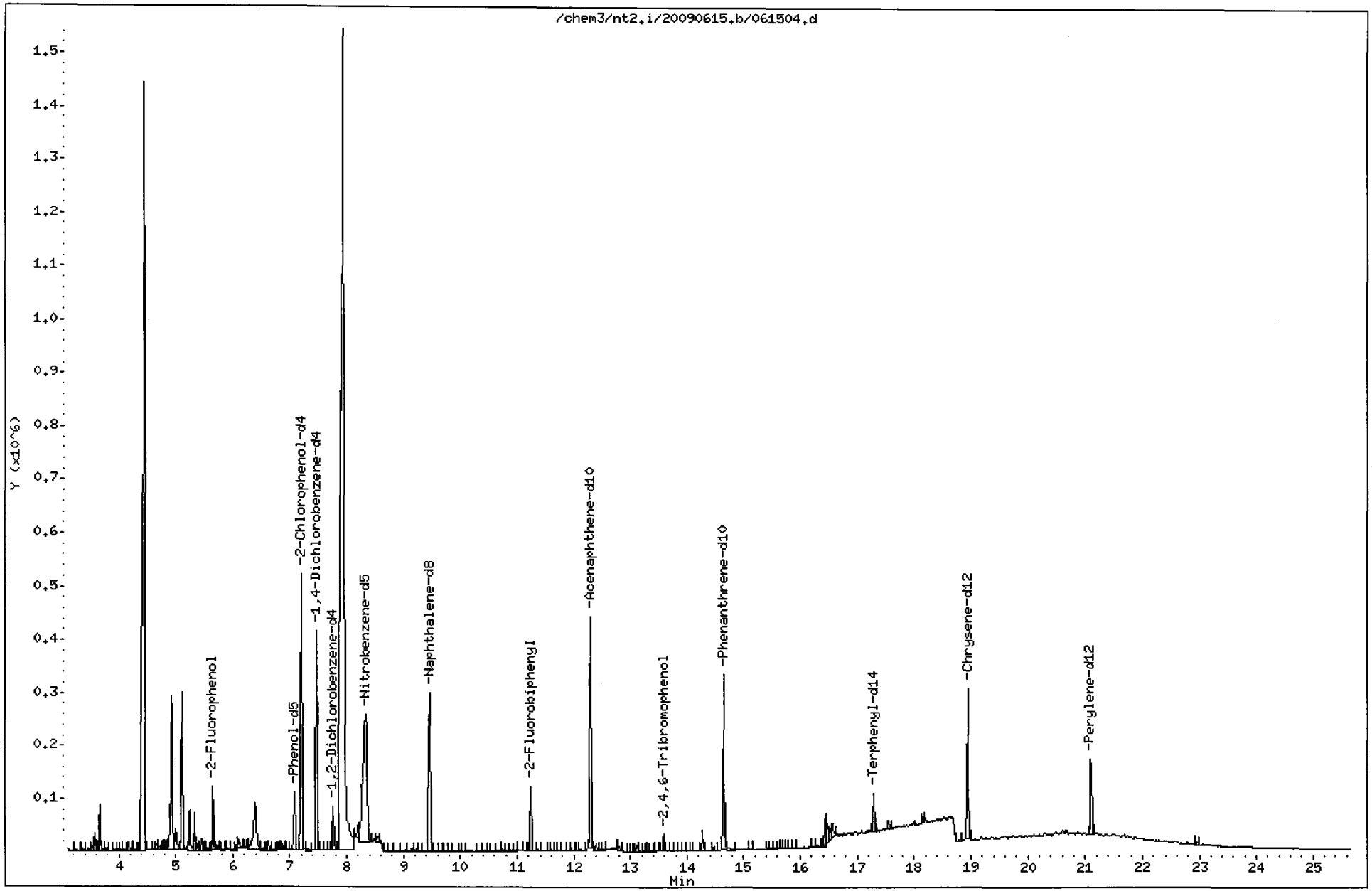
Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35G
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12723

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED2-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	229.8	146.3	63.67	30-160
$ 2 Phenol-d5	229.8	164.8	71.73	30-160
$ 5 2-Chlorophenol-d4	229.8	172.8	75.20	30-160
$ 10 1,2-Dichlorobenzen	153.2	93.78	61.22	30-160
$ 18 Nitrobenzene-d5	153.2	161.8	105.60	30-160
$ 36 2-Fluorobiphenyl	153.2	116.1	75.79	30-160
$ 55 2,4,6-Tribromophen	229.8	174.1	75.78	30-160
$ 66 Terphenyl-d14	153.2	144.2	94.17	30-160

Data File: /chem3/nt2.i/20090615.b/061504.d
Date : 15-JUN-2009 15:13
Client ID: 3SED2-A
Sample Info: PB35G,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt2.i/20090615.b/061504.d

Date : 15-JUN-2009 15:13

Client ID: 3SED2-A

Instrument: nt2.i

Sample Info: PB35G,3

Volume Injected (uL): 2.0

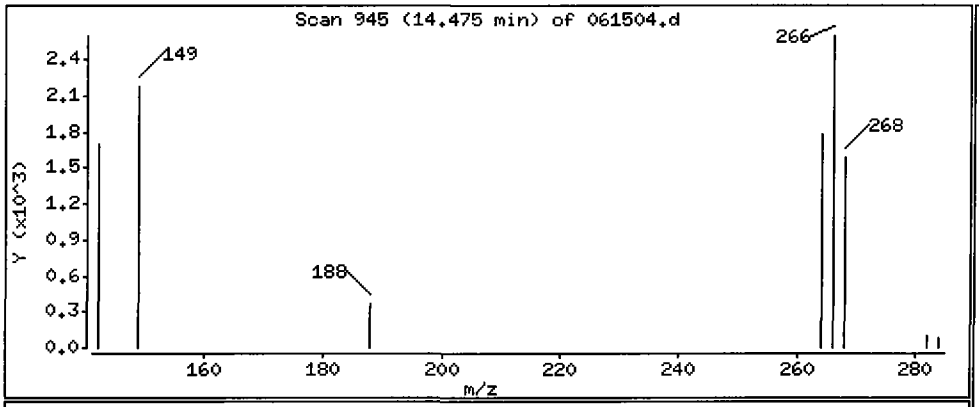
Operator: VTS

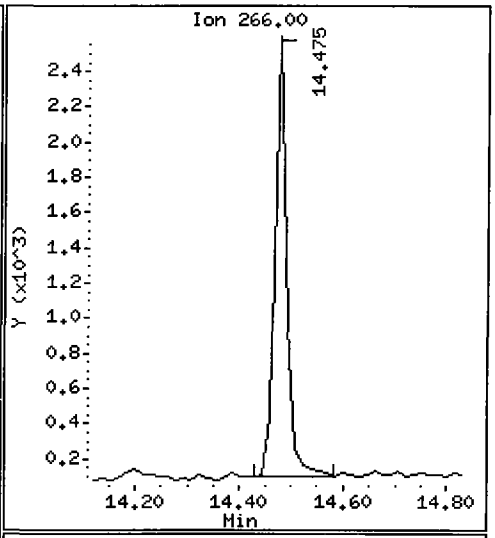
Column phase: ZB-5

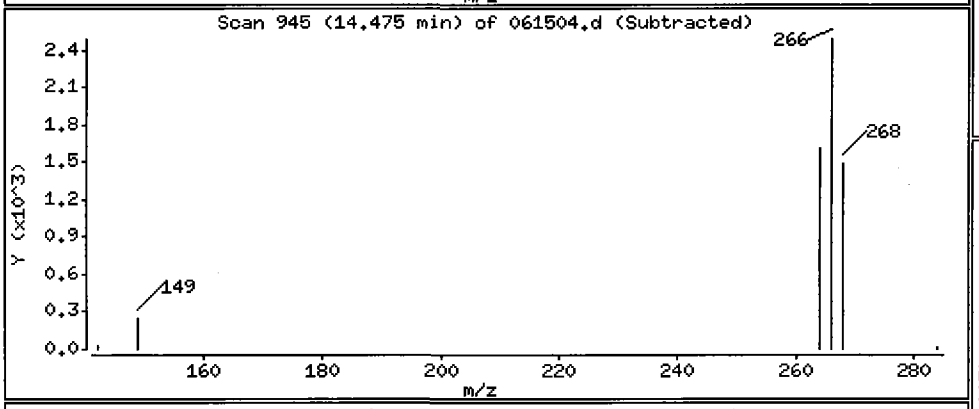
Column diameter: 0.32

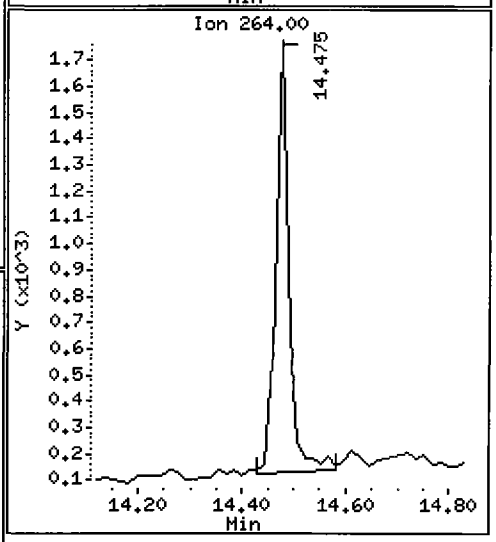
58 Pentachlorophenol

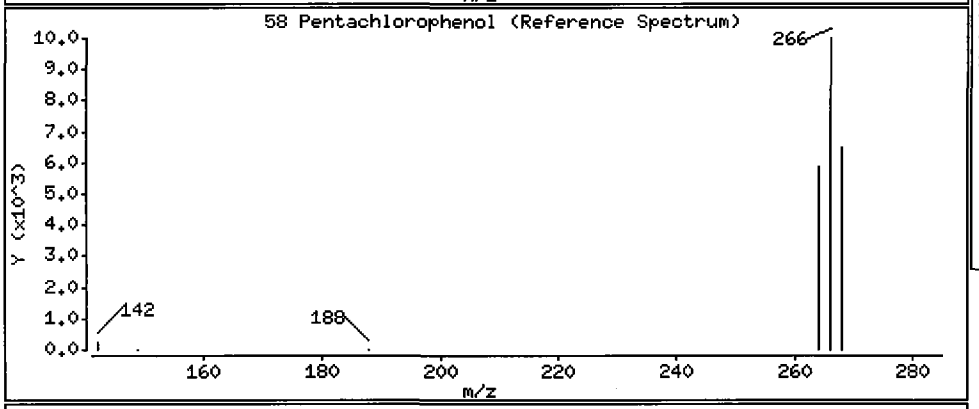
Concentration: 20.06 ug/kg

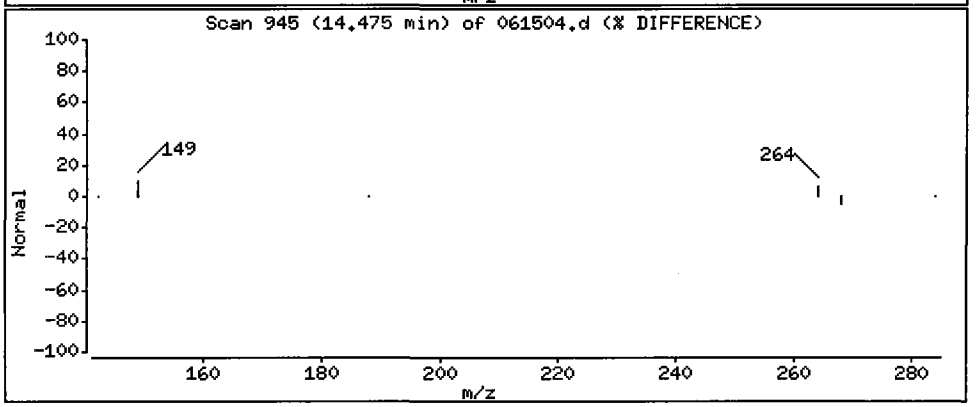












Data File: /chem3/nt2.i/20090615.b/061504.d

Date : 15-JUN-2009 15:13

Client ID: 3SED2-A

Instrument: nt2.i

Sample Info: PB35G,3

Volume Injected (uL): 2.0

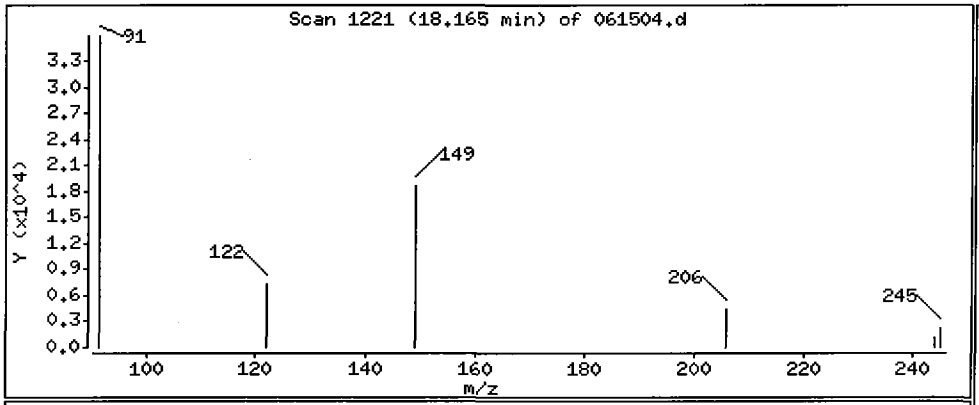
Operator: VTS

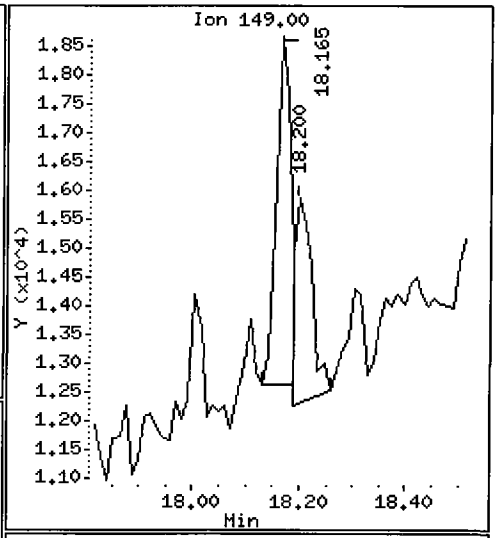
Column phase: ZB-5

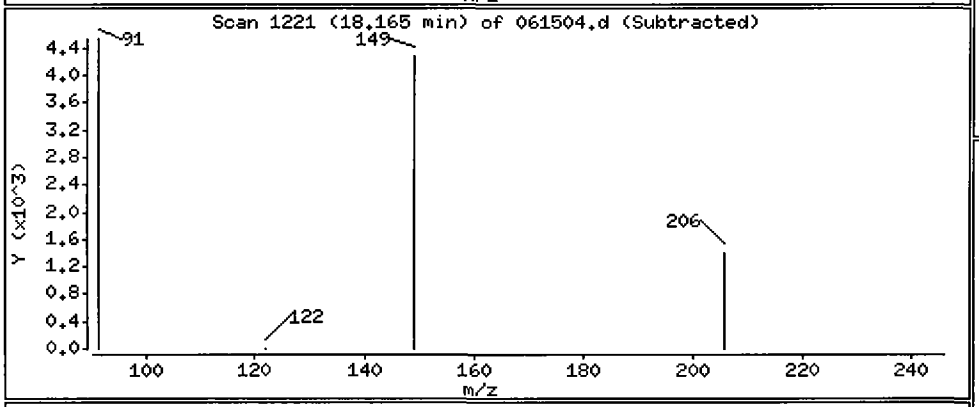
Column diameter: 0.32

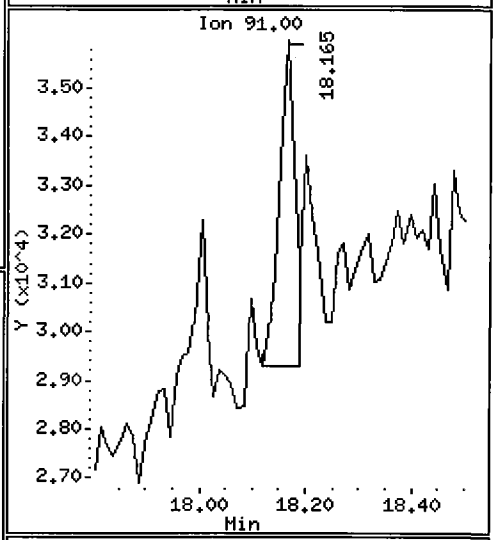
67 Butylbenzylphthalate

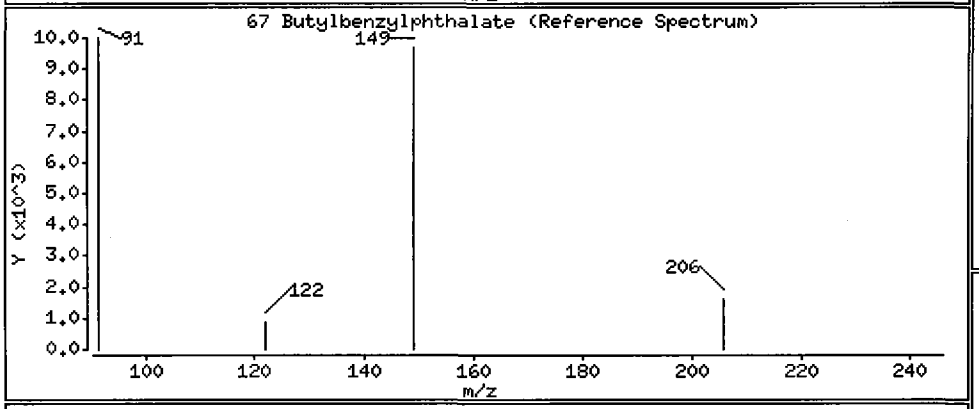
Concentration: 15.80 ug/kg

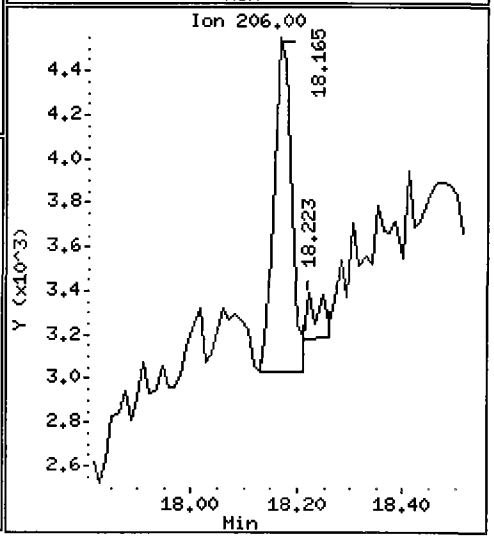


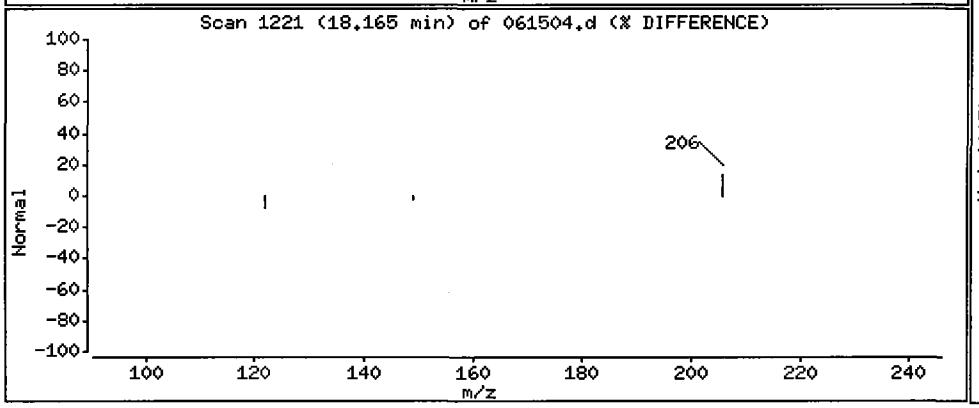












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED2-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35I
LIMS ID: 09-12725
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 15:47
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 32.8%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**18**	**65**
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	48	< 48 Y
100-51-6	Benzyl Alcohol	93	< 93 U
87-86-5	Pentachlorophenol	93	< 93 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	73.2%	d5-Phenol	69.6%
2-Fluorophenol	63.2%	d4-2-Chlorophenol	71.2%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	66.0%
2,4,6-Tribromophenol	80.8%	d14-p-Terphenyl	88.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061505.d
Lab Smp Id: PB35I Client Smp ID: 3SED2-B
Inj Date : 15-JUN-2009 15:47
Operator : VTS Inst ID: nt2.i
Smp Info : PB35I,3
Misc Info : 09-12725
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 5
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	24.10000	Weight of sample extracted (g)
M	32.80000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.653	5.639	(0.757)	84134	0.78617	145.6
$	2 Phenol-d5	99	7.089	7.054	(0.949)	123207	0.86945	161.1
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.193	7.192	(0.963)	85114	0.89377	165.6
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.468	7.467	(1.000)	179126	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.762	7.761	(1.039)	34376	0.50513	93.57
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.208	8.191	(1.099)	6360	0.05442	10.08
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.362	8.361	(0.884)	82625	0.55098	102.1
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	552433	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.242	11.241	(0.914)	123039	0.61204	113.4
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.297	12.296	(1.000)	281792	2.00000	
	50 Diethylphthalate	149	13.109	13.109	(1.066)	12820	0.05968	11.05
	54 N-Nitrosodiphenylamine	169	13.375	13.387	(0.912)	40861	0.26468	49.02
$	55 2,4,6-Tribromophenol	330	13.583	13.572	(0.927)	24587	1.01151	187.4
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.490	14.475	(0.988)	3584	0.10363	19.20
*	59 Phenanthrene-d10	188	14.659	14.645	(1.000)	514213	2.00000	
$	66 Terphenyl-d14	244	17.298	17.285	(0.912)	80451	0.74077	137.2
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.960	18.929	(1.000)	349131	2.00000	
*	77 Perylene-d12	264	21.099	21.084	(1.000)	207020	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.576	22.561	(1.070)	33873	0.35227	65.25(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061505.d
Lab Smp Id: PB35I
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12725

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: 3SED2-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	179126	49.54
27 Naphthalene-d8	372217	186108	744434	552433	48.42
42 Acenaphthene-d10	182713	91356	365426	281792	54.23
59 Phenanthrene-d10	286879	143440	573758	514213	79.24
69 Chrysene-d12	251912	125956	503824	349131	38.59
77 Perylene-d12	231524	115762	463048	207020	-10.58

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.47	0.01
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.01
59 Phenanthrene-d10	14.64	14.14	15.14	14.66	0.10
69 Chrysene-d12	18.93	18.43	19.43	18.96	0.16
77 Perylene-d12	21.08	20.58	21.58	21.10	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35I
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12725

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED2-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

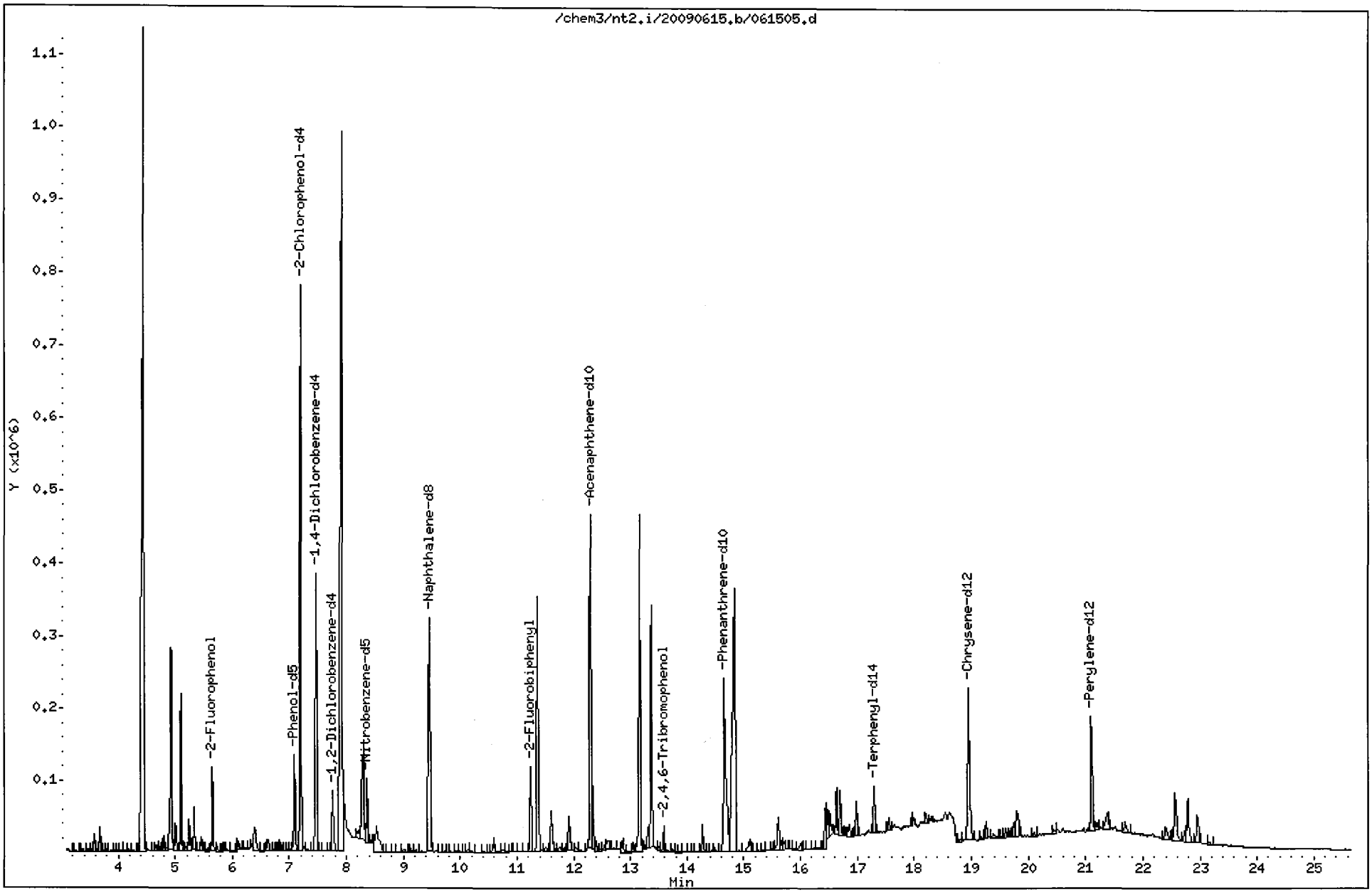
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	231.6	145.6	62.89	30-160
$ 2 Phenol-d5	231.6	161.1	69.56	30-160
$ 5 2-Chlorophenol-d4	231.6	165.6	71.50	30-160
$ 10 1,2-Dichlorobenzen	154.4	93.57	60.62	30-160
$ 18 Nitrobenzene-d5	154.4	102.1	66.12	30-160
$ 36 2-Fluorobiphenyl	154.4	113.4	73.44	30-160
$ 55 2,4,6-Tribromophen	231.6	187.4	80.92	30-160
$ 66 Terphenyl-d14	154.4	137.2	88.89	30-160

Data File: /chem3/nt2.i/20090615.b/061505.d
Date : 15-JUN-2009 15:47
Client ID: 3SED2-B
Sample Info: PB35I,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB35:00563



Data File: /chem3/nt2.i/20090615.b/061505.d

Date : 15-JUN-2009 15:47

Client ID: 3SED2-B

Instrument: nt2.i

Sample Info: PB35I,3

Volume Injected (uL): 2.0

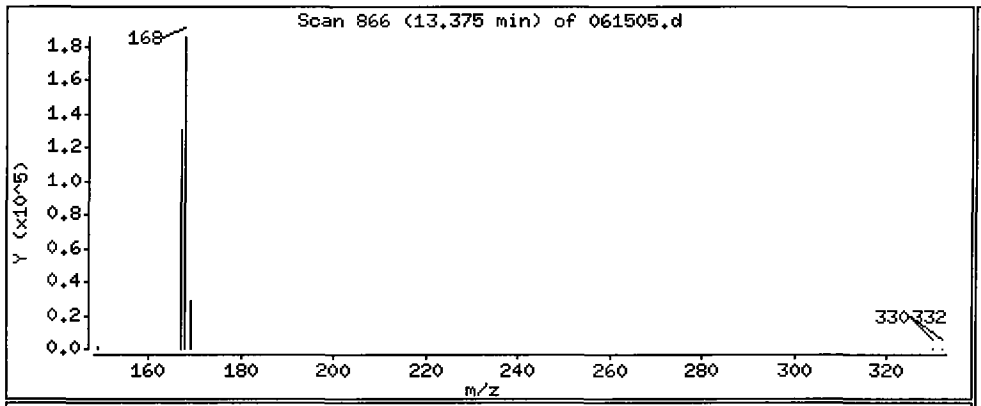
Operator: VTS

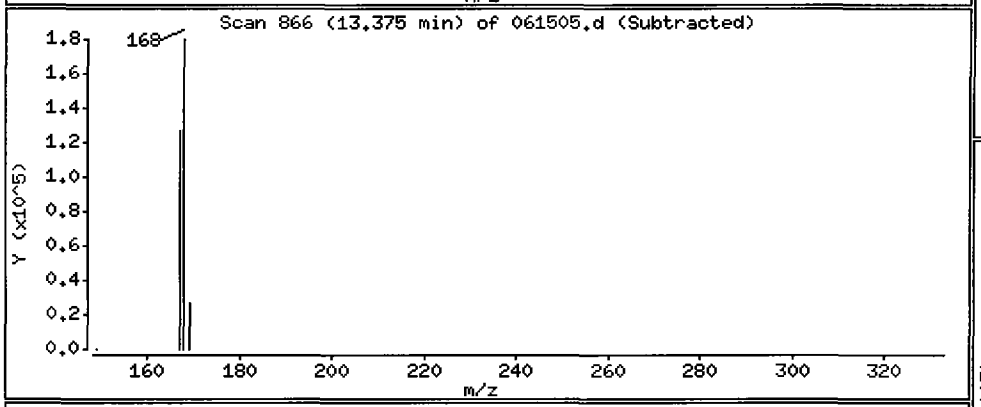
Column phase: ZB-5

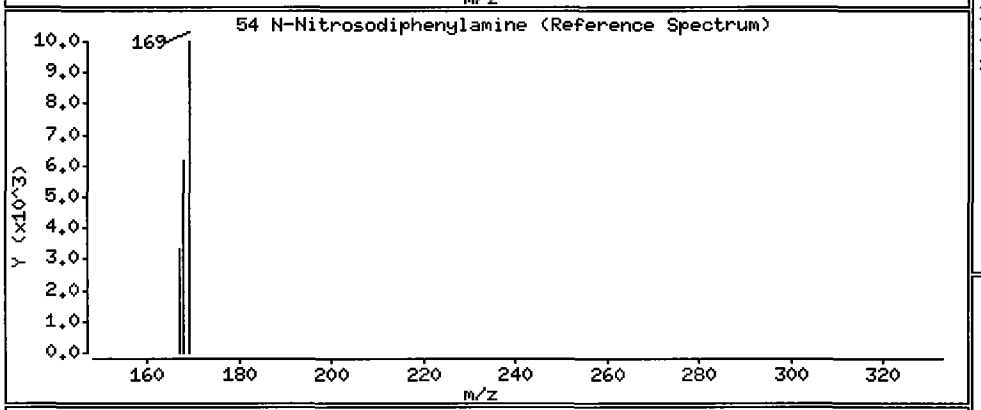
Column diameter: 0.32

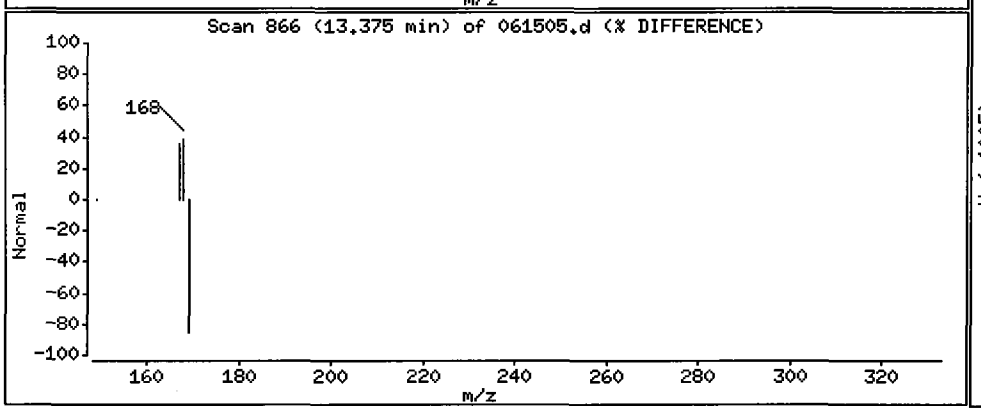
54 N-Nitrosodiphenylamine

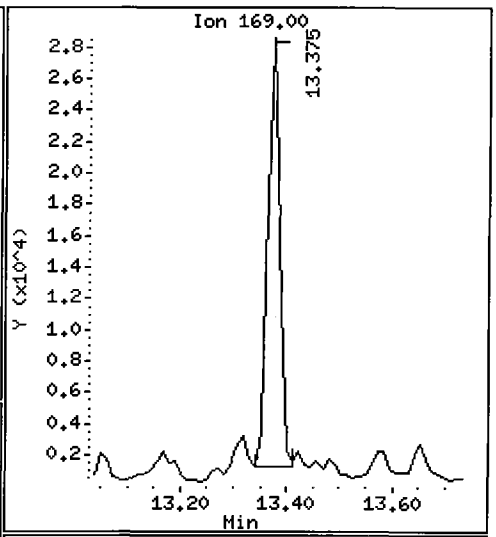
Concentration: 49.03 ug/kg

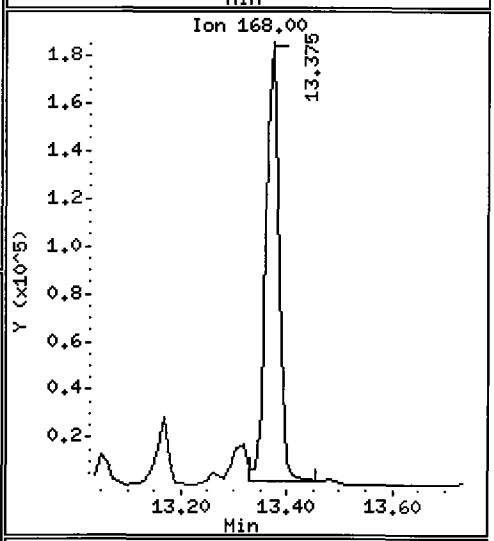


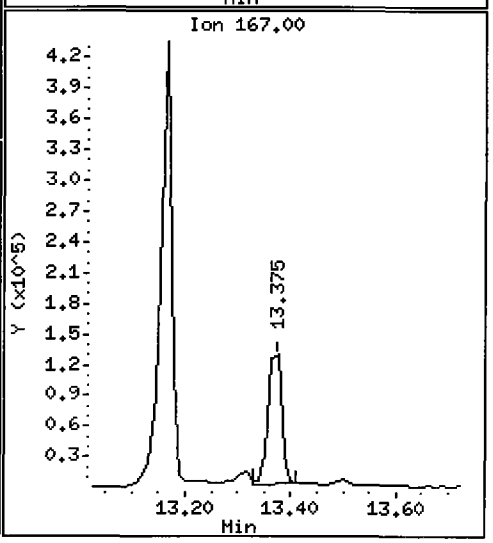












Data File: /chem3/nt2.i/20090615.b/061505.d

Date : 15-JUN-2009 15:47

Client ID: 3SED2-B

Instrument: nt2.i

Sample Info: PB35I,3

Volume Injected (uL): 2.0

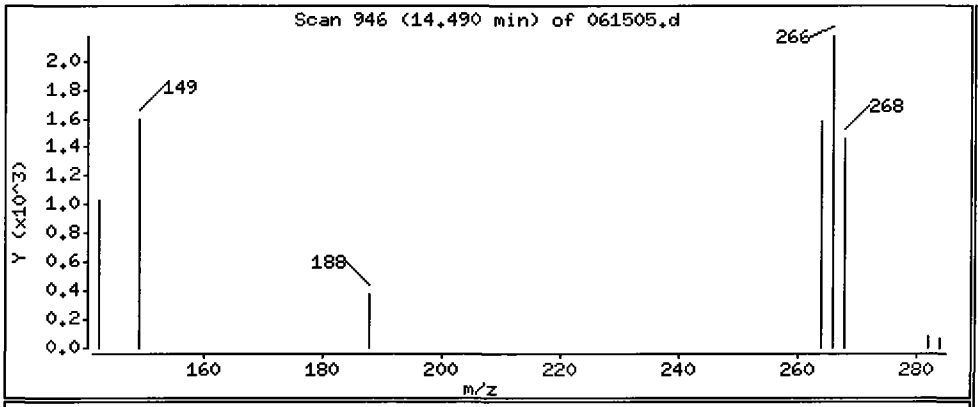
Operator: VTS

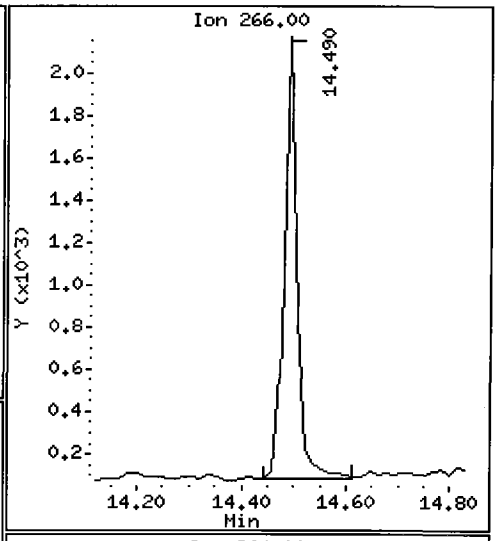
Column phase: ZB-5

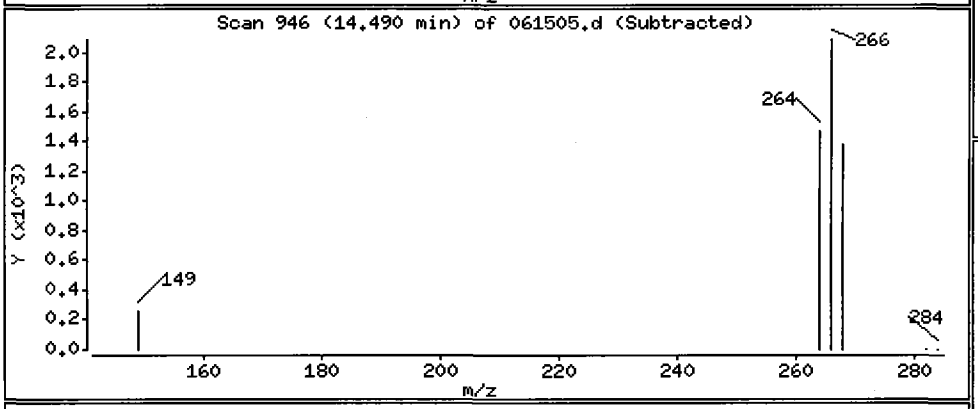
Column diameter: 0.32

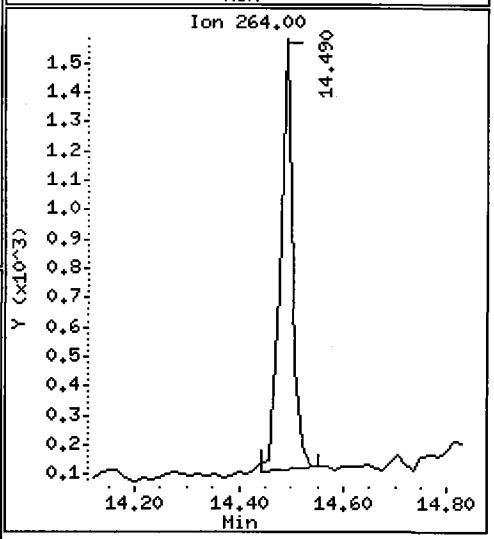
58 Pentachlorophenol

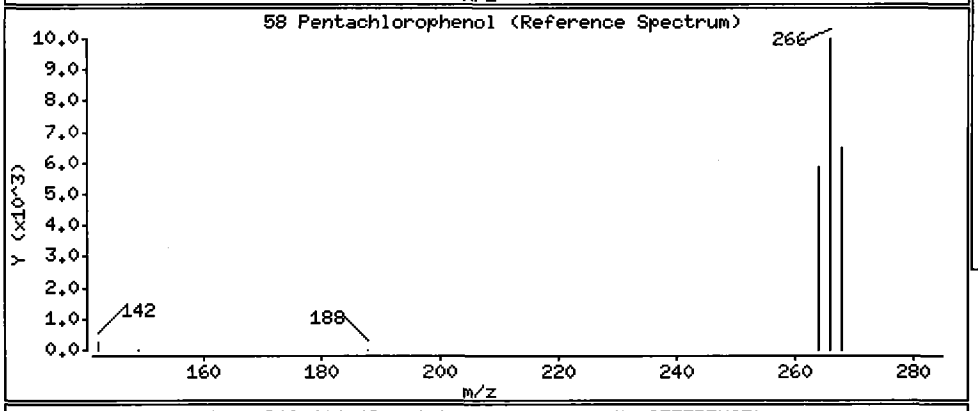
Concentration: 19.20 ug/kg

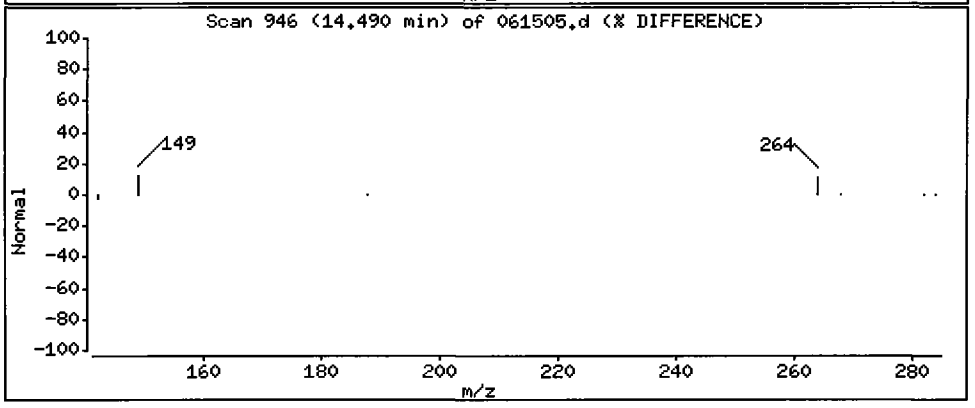












Data File: /chem3/nt2.i/20090615.b/061505.d

Date : 15-JUN-2009 15:47

Client ID: 3SED2-B

Instrument: nt2.i

Sample Info: PB35I,3

Volume Injected (uL): 2.0

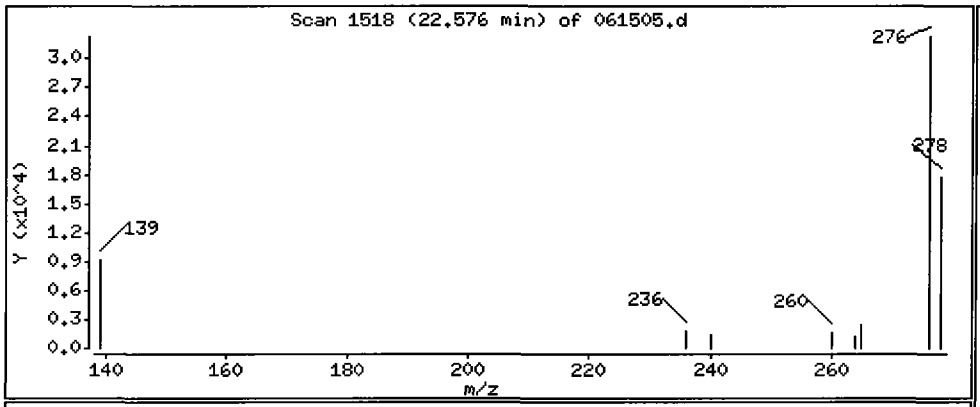
Operator: VTS

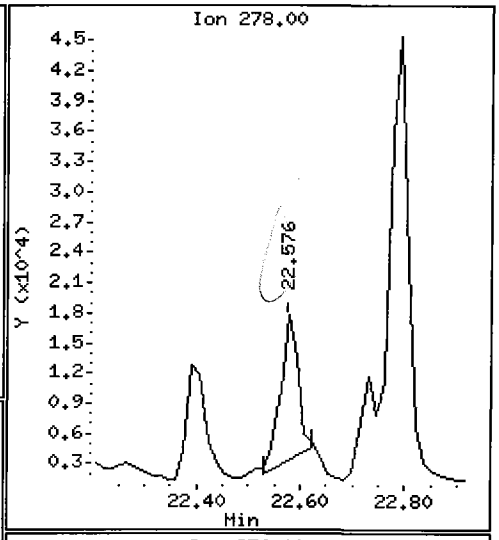
Column phase: ZB-5

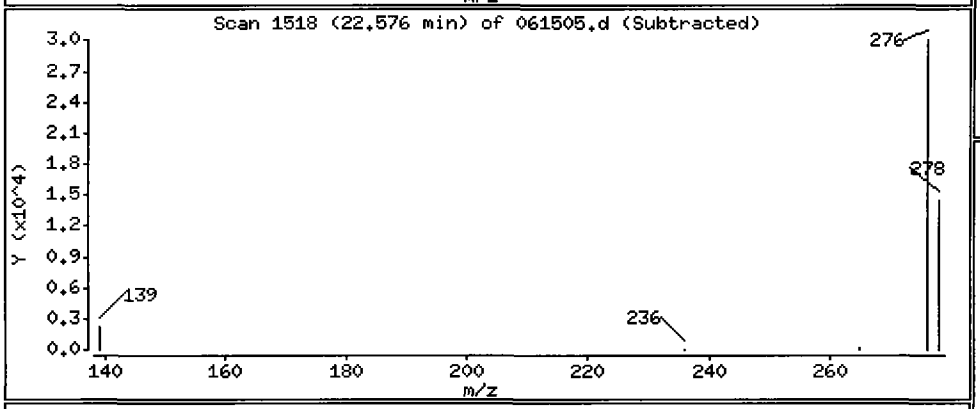
Column diameter: 0.32

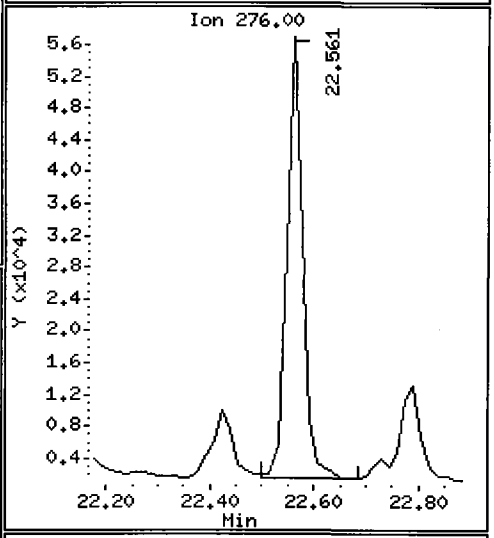
79 Dibenzo(a,h)anthracene

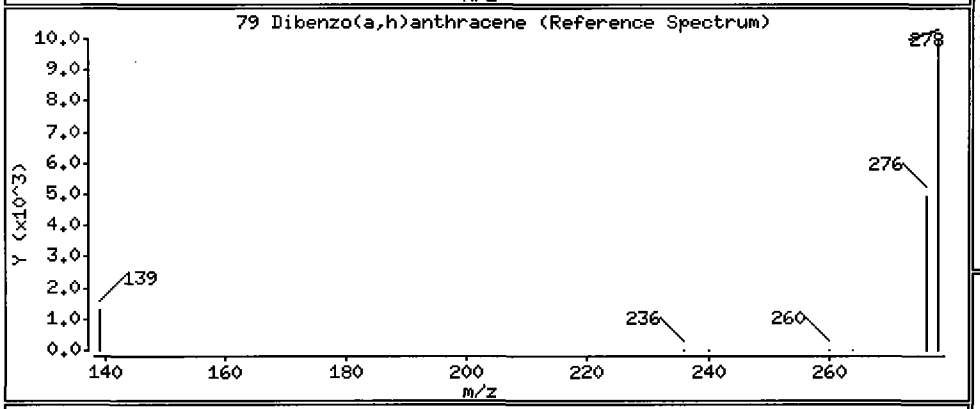
Concentration: 65.25 ug/kg

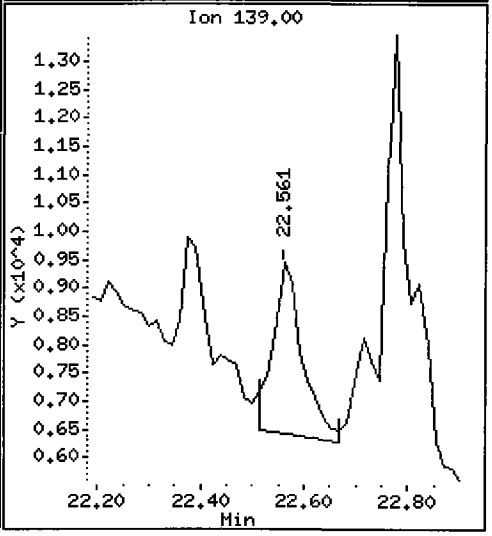


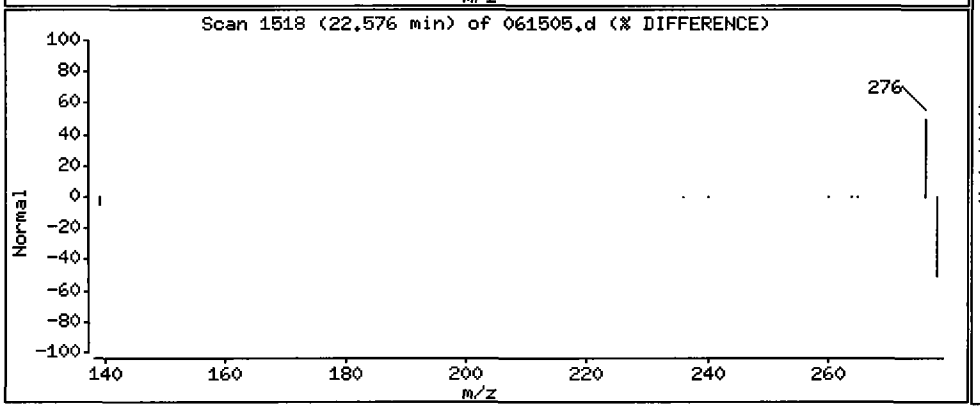












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED2-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35J
LIMS ID: 09-12726
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 16:21
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 35.9%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
131-11-3	Dimethylphthalate	47	< 47 U
85-68-7	Butylbenzylphthalate	47	< 47 U
95-48-7	2-Methylphenol	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
100-51-6	Benzyl Alcohol	93	< 93 U
87-86-5	Pentachlorophenol	93	< 93 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
541-73-1	1,3-Dichlorobenzene	19	< 19 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	74.4%	d5-Phenol	68.8%
2-Fluorophenol	62.4%	d4-2-Chlorophenol	72.0%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	68.4%
2,4,6-Tribromophenol	81.6%	d14-p-Terphenyl	88.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061506.d
Lab Smp Id: PB35J Client Smp ID: 3SED2-C
Inj Date : 15-JUN-2009 16:21
Operator : VTS Inst ID: nt2.i
Smp Info : PB35J,3
Misc Info : 09-12726
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 6
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	25.10000	Weight of sample extracted (g)
M	35.90000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.660	5.639	(0.758)	99940	0.77777	145.0
$	2 Phenol-d5	99	7.088	7.054	(0.949)	145707	0.85637	159.7
	3 Phenol	94	7.111	7.077	(0.952)	16392	0.07224	13.47
$	5 2-Chlorophenol-d4	132	7.192	7.192	(0.963)	102446	0.89596	167.1
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.468	7.467	(1.000)	215075	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.762	7.761	(1.039)	41291	0.50533	94.22
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.209	8.191	(1.099)	39496	0.28149	52.49
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.362	8.361	(0.884)	99144	0.57329	106.9
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

IS OUT

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	637074	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.242	11.241	(0.914)	144233	0.61617	114.9
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.297	12.296	(1.000)	328114	2.00000	
	50 Diethylphthalate	149	13.109	13.109	(1.066)	18655	0.07458	13.91(M)
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.584	13.572	(0.928)	29012	1.01537	189.3
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.475	14.475	(0.988)	4462	0.10975	20.46
*	59 Phenanthrene-d10	188	14.644	14.645	(1.000)	604448	2.00000	
$	66 Terphenyl-d14	244	17.298	17.285	(0.912)	98718	0.74424	138.8
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.960	18.929	(1.000)	426405	2.00000	
*	77 Perylene-d12	264	21.130	21.084	(1.000)	191888	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061506.d
Lab Smp Id: PB35J
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12726

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: 3SED2-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
8 1,4-Dichlorobenze	119785	59892	239570	215075	79.55	
27 Naphthalene-d8	372217	186108	744434	637074	71.16	
42 Acenaphthene-d10	182713	91356	365426	328114	79.58	
59 Phenanthrene-d10	286879	143440	573758	604448	110.70	<-
69 Chrysene-d12	251912	125956	503824	426405	69.27	
77 Perylene-d12	231524	115762	463048	191888	-17.12	

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.47	0.01
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.01
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.96	0.16
77 Perylene-d12	21.08	20.58	21.58	21.13	0.22

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35J
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12726

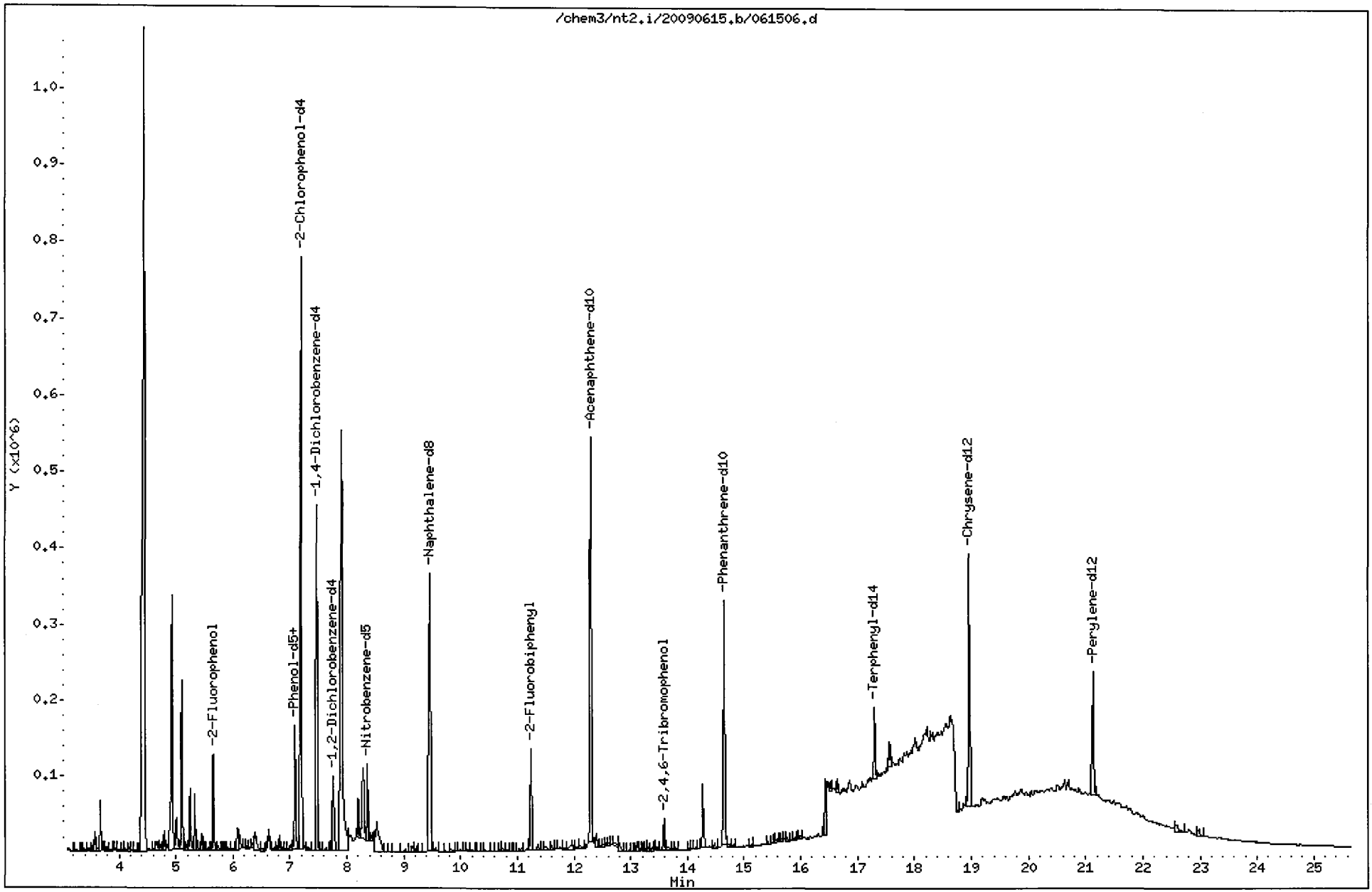
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED2-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	233.1	145.0	62.22	30-160
$ 2 Phenol-d5	233.1	159.7	68.51	30-160
$ 5 2-Chlorophenol-d4	233.1	167.1	71.68	30-160
$ 10 1,2-Dichlorobenzen	155.4	94.22	60.64	30-160
$ 18 Nitrobenzene-d5	155.4	106.9	68.80	30-160
$ 36 2-Fluorobiphenyl	155.4	114.9	73.94	30-160
$ 55 2,4,6-Tribromophen	233.1	189.3	81.23	30-160
$ 66 Terphenyl-d14	155.4	138.8	89.31	30-160

Data File: /chem3/nt2.i/20090615.b/061506.d
Date : 15-JUN-2009 16:21
Client ID: 3SED2-C
Sample Info: PB35J,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB35:00572



Data File: /chem3/nt2.i/20090615.b/061506.d

Date : 15-JUN-2009 16:21

Client ID: 3SED2-C

Instrument: nt2.i

Sample Info: PB35J,3

Volume Injected (uL): 2.0

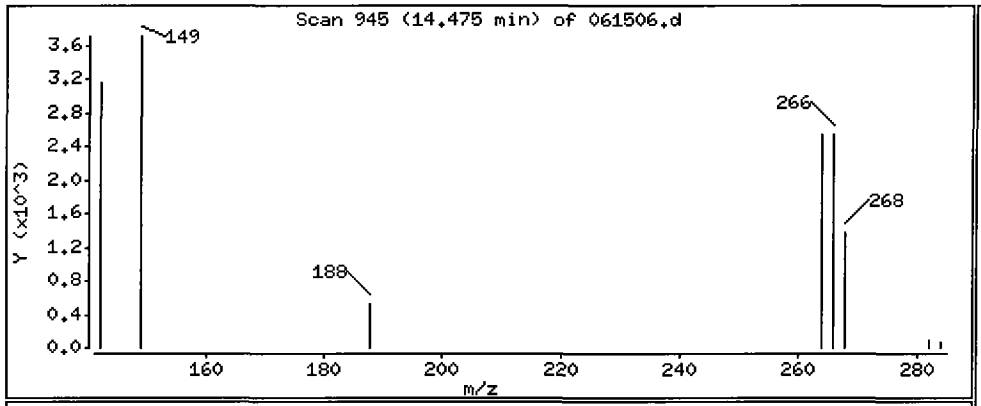
Operator: VTS

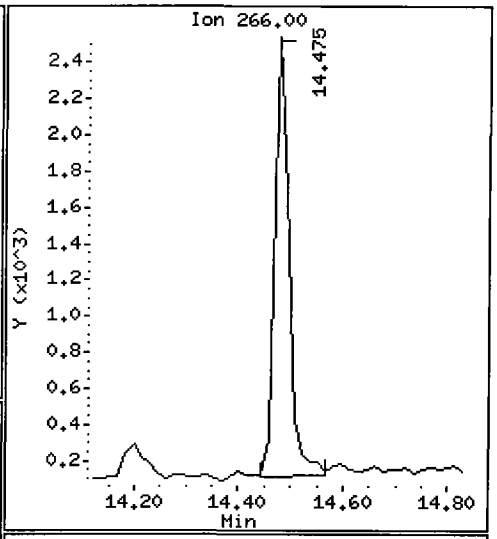
Column phase: ZB-5

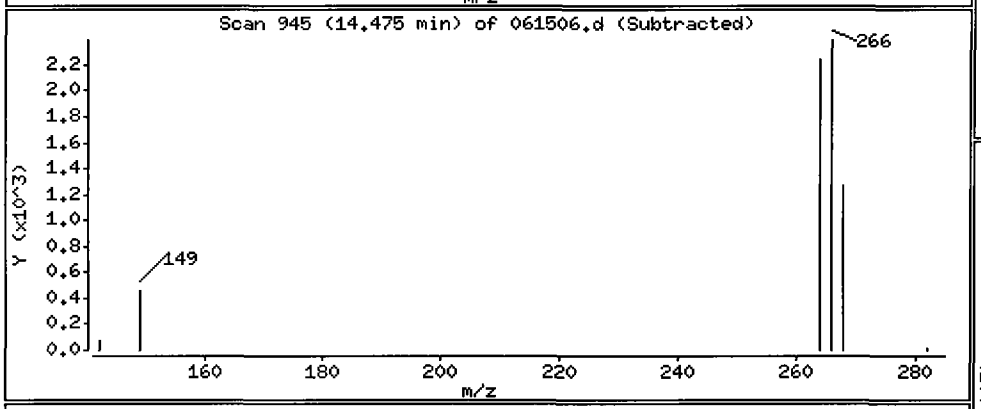
Column diameter: 0.32

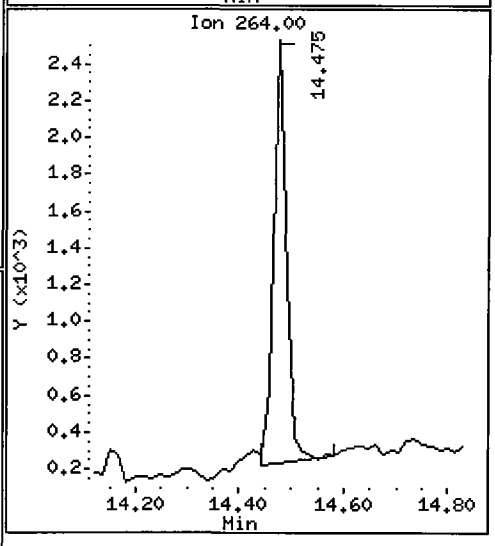
58 Pentachlorophenol

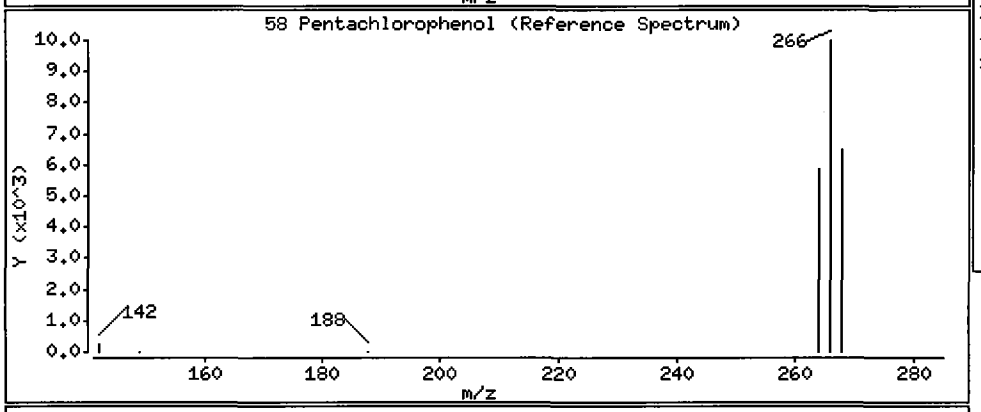
Concentration: 20.46 ug/kg

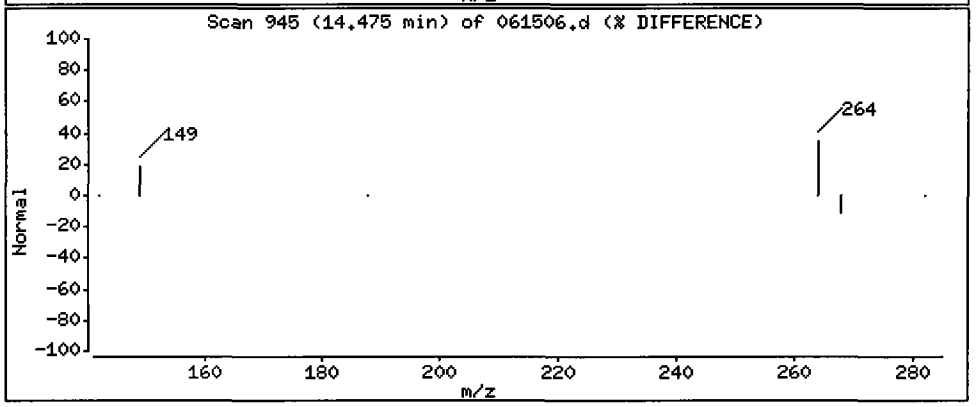












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED11-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35K
LIMS ID: 09-12727
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 16:55
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 31.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	64.4%	d5-Phenol	59.5%
2-Fluorophenol	57.1%	d4-2-Chlorophenol	73.9%
d4-1,2-Dichlorobenzene	55.2%	d5-Nitrobenzene	62.8%
2,4,6-Tribromophenol	79.5%	d14-p-Terphenyl	84.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061507.d
Lab Smp Id: PB35K Client Smp ID: 3SED11-A
Inj Date : 15-JUN-2009 16:55
Operator : VTS Inst ID: nt2.i
Smp Info : PB35K
Misc Info : 09-12727
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	24.30000	Weight of sample extracted (g)
M	31.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.668	5.639	(0.757)	227808	2.13672	128.6
$	2 Phenol-d5	99	7.111	7.054	(0.950)	314190	2.22555	133.9
	3 Phenol	94	7.134	7.077	(0.953)	25152	0.13359	8.037
$	5 2-Chlorophenol-d4	132	7.203	7.192	(0.962)	262614	2.76807	166.5
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.486	7.467	(1.000)	178453	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.763	7.761	(1.037)	93863	1.38445	83.29
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.362	8.361	(0.884)	226421	1.56686	94.27
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	532336	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.242	11.241	(0.914)	315528	1.61397	97.10
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.297	12.296	(1.000)	274034	2.00000	
	50 Diethylphthalate	149	13.109	13.109	(1.066)	27845	0.13329	8.019
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.583	13.572	(0.928)	64378	2.98346	179.5
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.645	14.645	(1.000)	456482	2.00000	
$	66 Terphenyl-d14	244	17.285	17.285	(0.912)	203947	2.11669	127.3
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.945	18.929	(1.000)	309743	2.00000	
*	77 Perylene-d12	264	21.084	21.084	(1.000)	165027	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

B

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061507.d
Lab Smp Id: PB35K
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12727

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: 3SED11-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	178453	48.98
27 Naphthalene-d8	372217	186108	744434	532336	43.02
42 Acenaphthene-d10	182713	91356	365426	274034	49.98
59 Phenanthrene-d10	286879	143440	573758	456482	59.12
69 Chrysene-d12	251912	125956	503824	309743	22.96
77 Perylene-d12	231524	115762	463048	165027	-28.72

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.49	0.25
27 Naphthalene-d8	9.46	8.96	9.96	9.46	-0.01
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.01
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.94	0.08
77 Perylene-d12	21.08	20.58	21.58	21.08	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35K
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12727

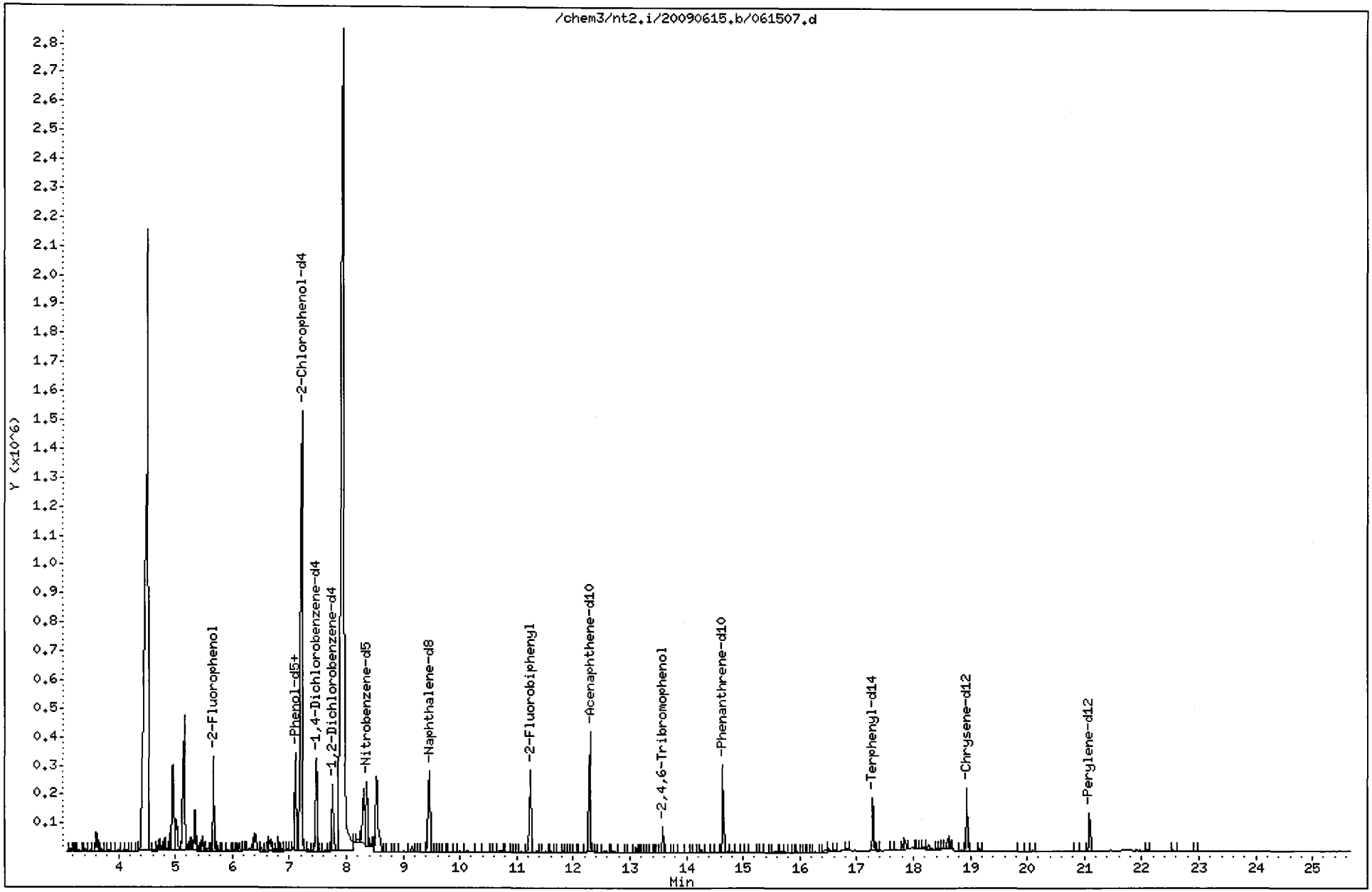
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED11-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	225.6	128.6	56.98	30-160
$ 2 Phenol-d5	225.6	133.9	59.35	30-160
$ 5 2-Chlorophenol-d4	225.6	166.5	73.82	30-160
$ 10 1,2-Dichlorobenzen	150.4	83.29	55.38	30-160
$ 18 Nitrobenzene-d5	150.4	94.27	62.67	30-160
$ 36 2-Fluorobiphenyl	150.4	97.10	64.56	30-160
$ 55 2,4,6-Tribromophen	225.6	179.5	79.56	30-160
$ 66 Terphenyl-d14	150.4	127.3	84.67	30-160

Data File: /chem3/nt2.i/20090615.b/061507.d
Date : 15-JUN-2009 16:55
Client ID: 3SED11-A
Sample Info: PB35K
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB35:66579



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED11-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35M
LIMS ID: 09-12729
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/15/09 17:29
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	67.6%	d5-Phenol	63.5%
2-Fluorophenol	59.7%	d4-2-Chlorophenol	77.3%
d4-1,2-Dichlorobenzene	57.6%	d5-Nitrobenzene	72.0%
2,4,6-Tribromophenol	84.0%	d14-p-Terphenyl	90.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/061508.d
Lab Smp Id: PB35M Client Smp ID: 3SED11-B
Inj Date : 15-JUN-2009 17:29
Operator : VTS Inst ID: nt2.i
Smp Info : PB35M
Misc Info : 09-12729
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	26.20000	Weight of sample extracted (g)
M	36.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.677	5.639	(0.758)	257344	2.24334	135.1
$	2 Phenol-d5	99	7.123	7.054	(0.952)	362144	2.38412	143.5
	3 Phenol	94	7.134	7.077	(0.953)	17407	0.08593	5.173(M)
$	5 2-Chlorophenol-d4	132	7.204	7.192	(0.962)	296076	2.90044	174.6
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.486	7.467	(1.000)	192009	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.763	7.761	(1.037)	105027	1.43975	86.68
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.208	8.191	(1.097)	12005	0.09584	5.770
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.362	8.361	(0.884)	279744	1.79746	108.2
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.462	9.463	(1.000)	573327	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.242	11.241	(0.914)	354515	1.68857	101.7
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.297	12.296	(1.000)	294291	2.00000	
	50 Diethylphthalate	149	13.109	13.109	(1.066)	43480	0.19381	11.67 B
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.584	13.572	(0.928)	76947	3.15022	189.6
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.645	14.645	(1.000)	516722	2.00000	
$	66 Terphenyl-d14	244	17.286	17.285	(0.912)	243871	2.27325	136.9
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.945	18.929	(1.000)	344869	2.00000	
*	77 Perylene-d12	264	21.099	21.084	(1.000)	184053	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061508.d
Lab Smp Id: PB35M
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12729

Calibration Date: 15-JUN-2009
Calibration Time: 12:15
Client Smp ID: 3SED11-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	192009	60.29
27 Naphthalene-d8	372217	186108	744434	573327	54.03
42 Acenaphthene-d10	182713	91356	365426	294291	61.07
59 Phenanthrene-d10	286879	143440	573758	516722	80.12
69 Chrysene-d12	251912	125956	503824	344869	36.90
77 Perylene-d12	231524	115762	463048	184053	-20.50

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.49	0.25
27 Naphthalene-d8	9.46	8.96	9.96	9.46	0.00
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.01
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.94	0.08
77 Perylene-d12	21.08	20.58	21.58	21.10	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35M
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info: 09-12729

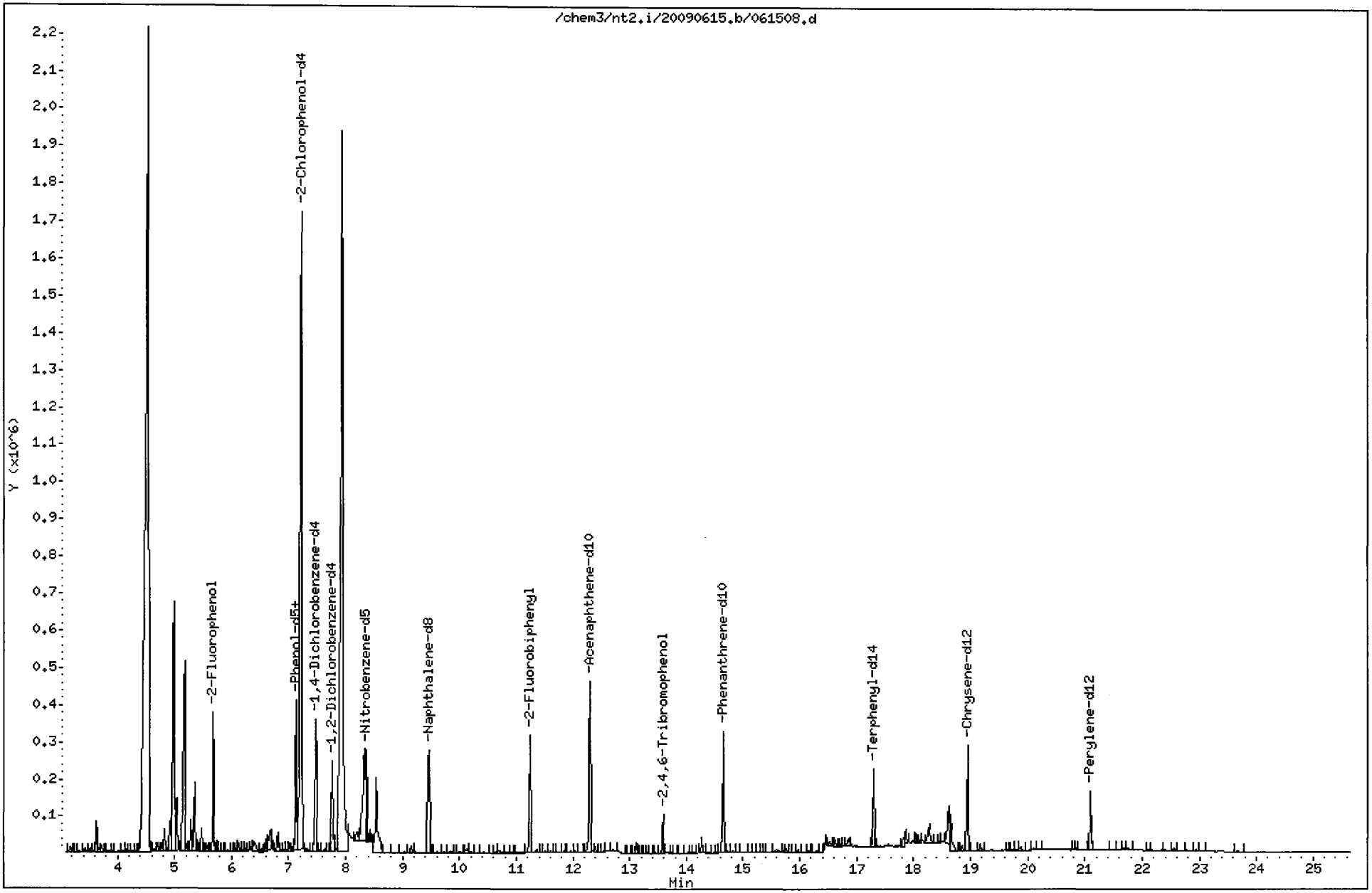
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED11-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	225.8	135.1	59.82	30-160
$ 2 Phenol-d5	225.8	143.5	63.58	30-160
$ 5 2-Chlorophenol-d4	225.8	174.6	77.35	30-160
$ 10 1,2-Dichlorobenzen	150.5	86.68	57.59	30-160
$ 18 Nitrobenzene-d5	150.5	108.2	71.90	30-160
$ 36 2-Fluorobiphenyl	150.5	101.7	67.54	30-160
$ 55 2,4,6-Tribromophen	225.8	189.6	84.01	30-160
$ 66 Terphenyl-d14	150.5	136.9	90.93	30-160

Data File: /chem3/nt2.i/20090615.b/061508.d
Date : 15-JUN-2009 17:29
Client ID: 3SED11-B
Sample Info: PB35M
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB35:005685



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED12-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 13:34
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.0%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.1**	**6.7**
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	64.0%	d5-Phenol	55.5%
2-Fluorophenol	58.1%	d4-2-Chlorophenol	68.0%
d4-1,2-Dichlorobenzene	59.2%	d5-Nitrobenzene	63.2%
2,4,6-Tribromophenol	80.8%	d14-p-Terphenyl	98.4%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090613.b/pb35o.d
Lab Smp Id: PB35O Client Smp ID: 3SED12-A
Inj Date : 13-JUN-2009 13:34
Operator : VTS Inst ID: nt2.i
Smp Info : PB35O
Misc Info : 09-12731
Comment :
Method : /chem3/nt2.i/20090613.b/SIMABN.m
Meth Date : 13-Jun-2009 13:24 van Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	34.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.746	5.714	(0.761)	138755	2.17968	132.1
$	2 Phenol-d5	99	7.192	7.133	(0.953)	175032	2.07649	125.8(H)
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.273	7.272	(0.963)	144424	2.54956	154.5
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.550	7.550	(1.000)	106551	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.844	7.844	(1.039)	59825	1.47786	89.57
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.276	8.277	(1.096)	3494	0.05026	3.046
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.446	8.446	(0.887)	137382	1.57838	95.66
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.524	9.542	(1.000)	320640	2.00000	
30	Hexachlorobutadiene	225	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.320	11.320	(0.915)	193795	1.60377	97.20
39	Dimethylphthalate	163	Compound Not Detected.					
* 42	Acenaphthene-d10	162	12.375	12.376	(1.000)	169380	2.00000	
50	Diethylphthalate	149	13.193	13.192	(1.066)	38924	0.30145	18.27 B
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.668	13.667	(0.927)	40408	3.02752	183.5
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.737	14.736	(1.000)	282349	2.00000	
$ 66	Terphenyl-d14	244	17.381	17.382	(0.913)	117610	2.45910	149.0
67	Butylbenzylphthalate	149	Compound Not Detected.					
* 69	Chrysene-d12	240	19.036	19.036	(1.000)	153748	2.00000	
* 77	Perylene-d12	264	21.191	21.175	(1.000)	146032	2.00000	
79	Dibenzo(a,h)anthracene	278	22.699	22.683	(1.071)	7769	0.11454	6.942
90	N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: pb35o.d
Lab Smp Id: PB35O
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12731

Calibration Date: 13-JUN-2009
Calibration Time: 10:42
Client Smp ID: 3SED12-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	106551	-11.05
27 Naphthalene-d8	372217	186108	744434	320640	-13.86
42 Acenaphthene-d10	182713	91356	365426	169380	-7.30
59 Phenanthrene-d10	286879	143440	573758	282349	-1.58
69 Chrysene-d12	251912	125956	503824	153748	-38.97
77 Perylene-d12	231524	115762	463048	146032	-36.93

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.55	7.05	8.05	7.55	-0.01
27 Naphthalene-d8	9.54	9.04	10.04	9.52	-0.19
42 Acenaphthene-d10	12.38	11.88	12.88	12.38	0.00
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	0.01
69 Chrysene-d12	19.04	18.54	19.54	19.04	0.00
77 Perylene-d12	21.18	20.68	21.68	21.19	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35O
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12731

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED12-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

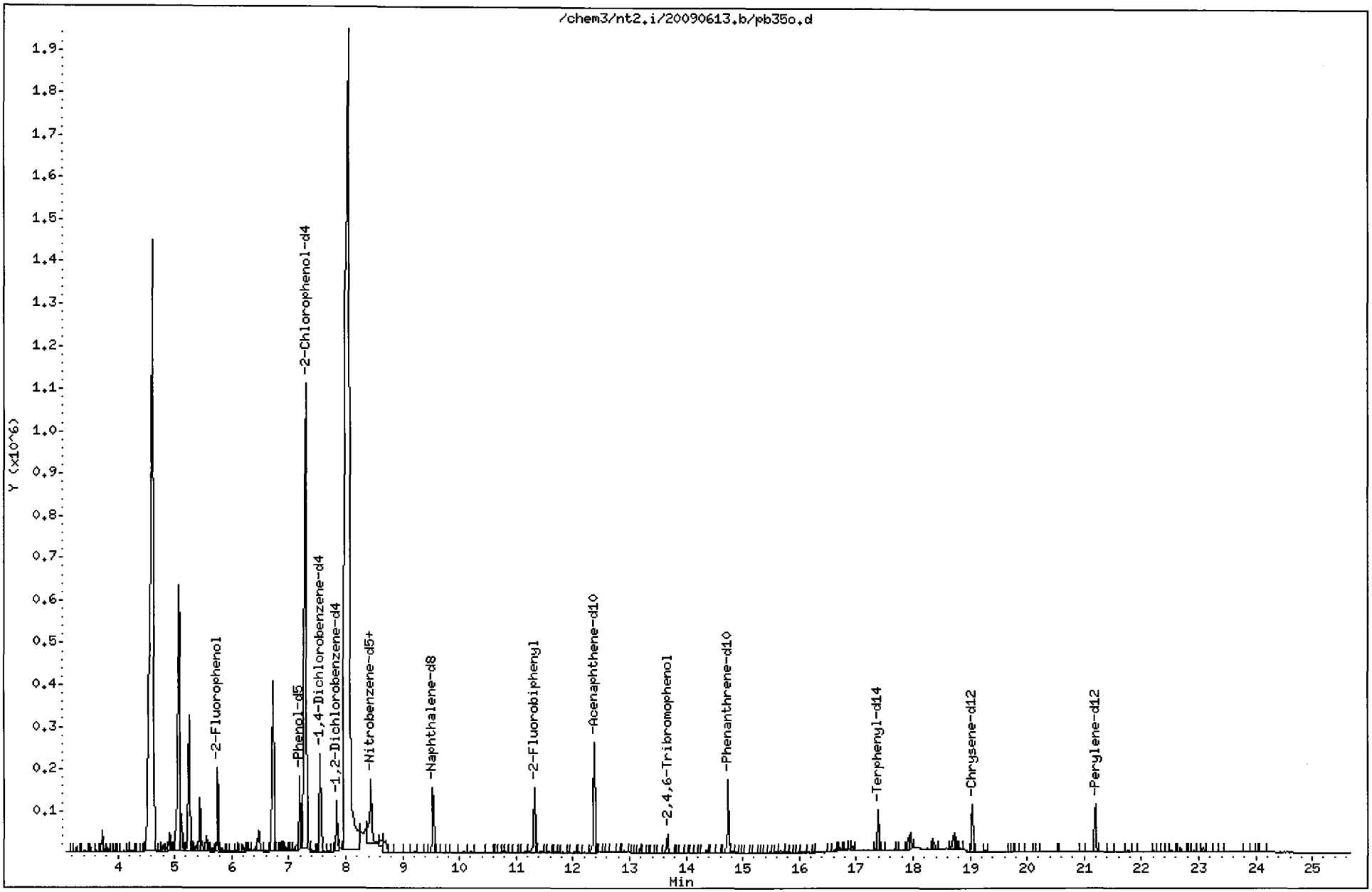
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	227.3	132.1	58.12	30-160
$ 2 Phenol-d5	227.3	125.8	55.37	30-160
$ 5 2-Chlorophenol-d4	227.3	154.5	67.99	30-160
$ 10 1,2-Dichlorobenzen	151.5	89.57	59.11	30-160
$ 18 Nitrobenzene-d5	151.5	95.66	63.14	30-160
$ 36 2-Fluorobiphenyl	151.5	97.20	64.15	30-160
$ 55 2,4,6-Tribromophen	227.3	183.5	80.73	30-160
$ 66 Terphenyl-d14	151.5	149.0	98.36	30-160

Data File: /chem3/nt2.i/20090613.b/pb35o.d
Date : 13-JUN-2009 13:34
Client ID: 3SED12-A
Sample Info: PB35O
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB35:00591



Data File: /chem3/nt2.i/20090613.b/pb35o.d

Date : 13-JUN-2009 13:34

Client ID: 3SED12-A

Instrument: nt2.i

Sample Info: PB35O

Volume Injected (uL): 2.0

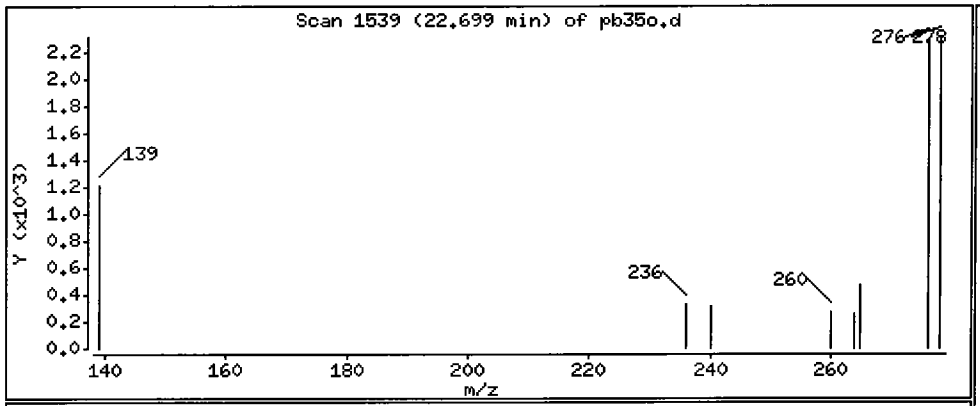
Operator: VTS

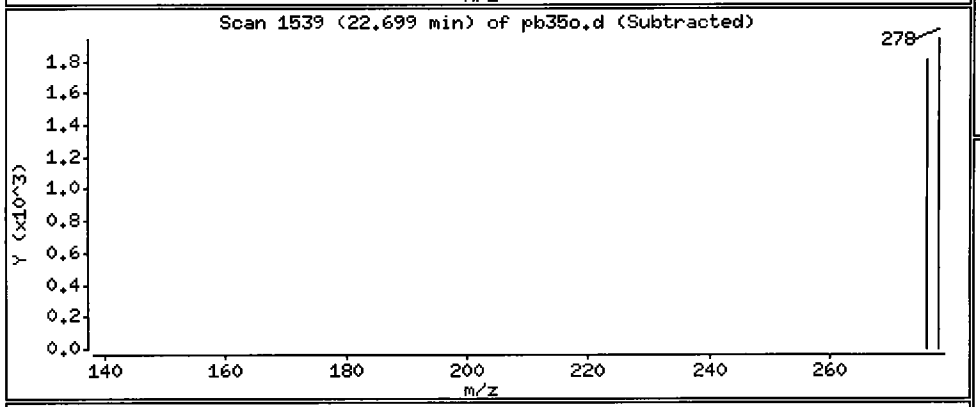
Column phase: ZB-5

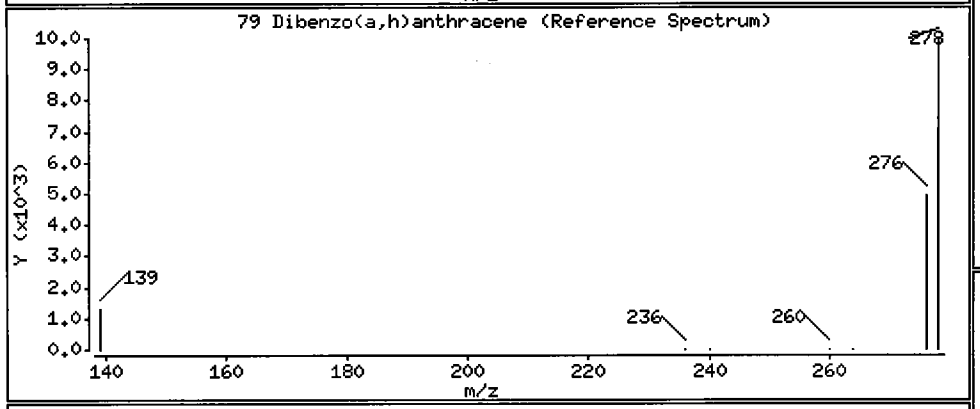
Column diameter: 0.32

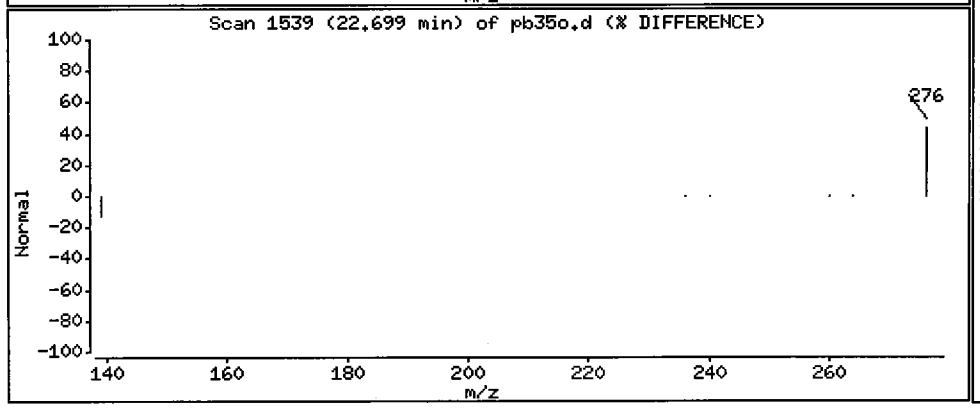
79 Dibenzo(a,h)anthracene

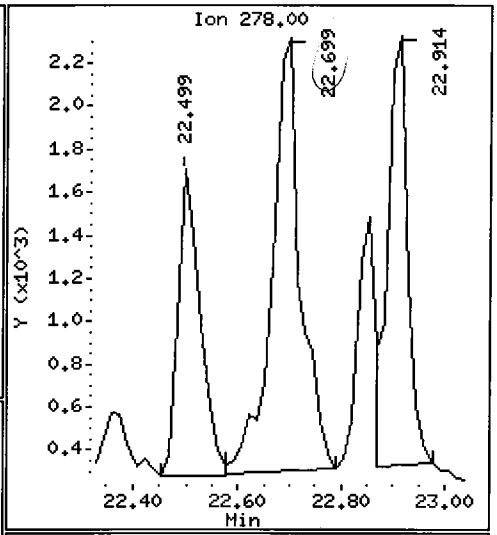
Concentration: 6.942 ug/kg

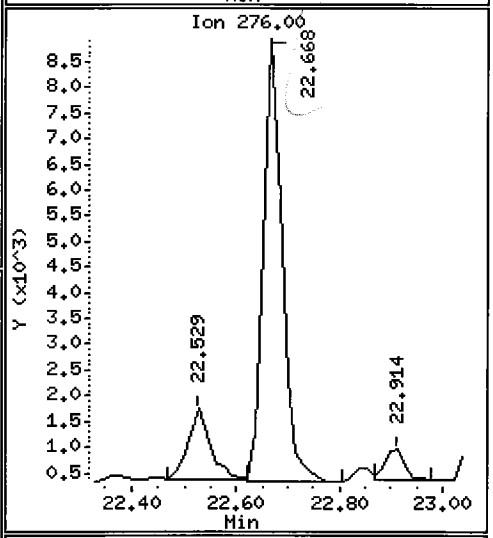


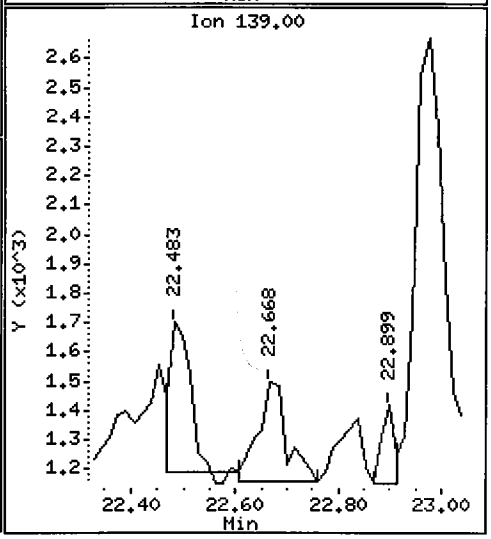












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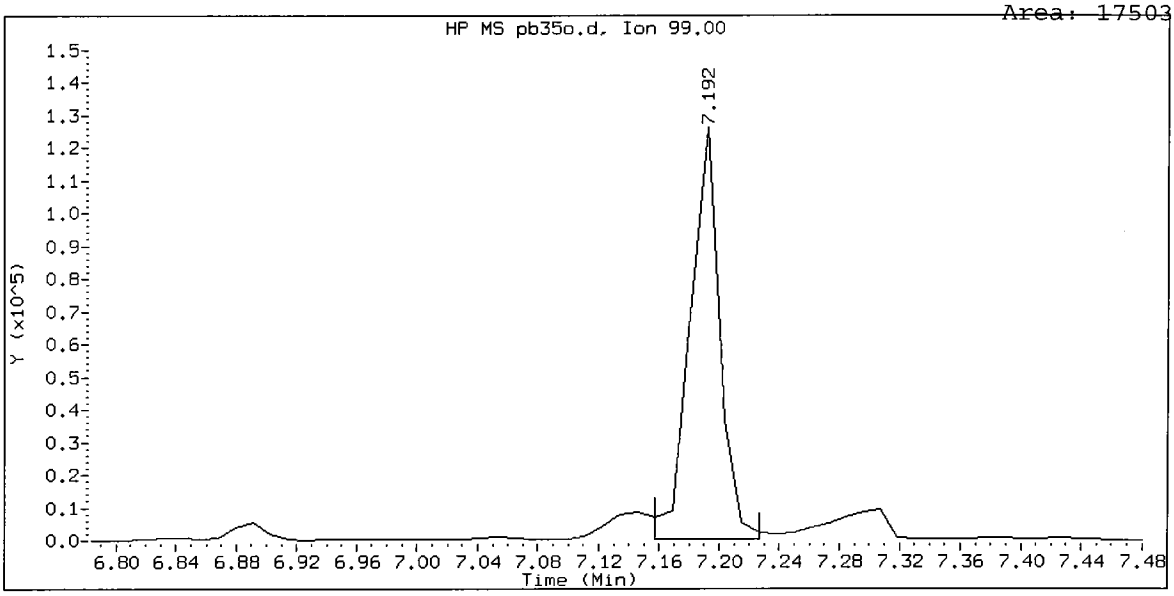
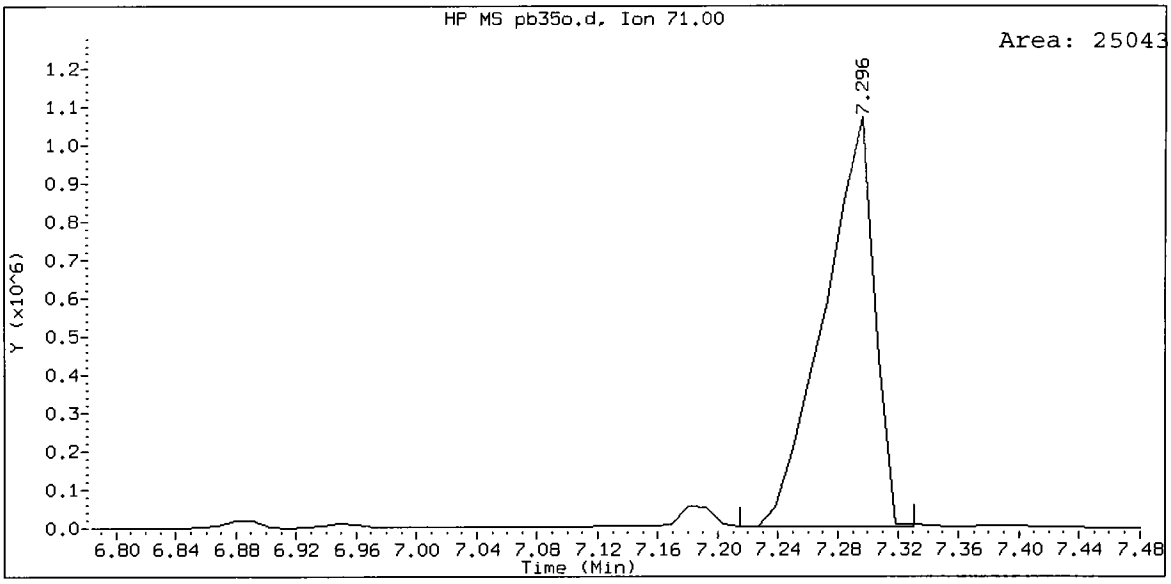
Phenol-d5 Amount: 2.08





ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED12-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/22/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 15:17
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 40.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	66.4%	d5-Phenol	57.1%
2-Fluorophenol	55.5%	d4-2-Chlorophenol	65.6%
d4-1,2-Dichlorobenzene	54.0%	d5-Nitrobenzene	60.0%
2,4,6-Tribromophenol	84.3%	d14-p-Terphenyl	99.6%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090613.b/pb35q.d
Lab Smp Id: PB35Q Client Smp ID: 3SED12-B
Inj Date : 13-JUN-2009 15:17
Operator : VTS Inst ID: nt2.i
Smp Info : PB35Q
Misc Info : 09-12733
Comment :
Method : /chem3/nt2.i/20090613.b/SIMABN.m
Meth Date : 22-Jun-2009 12:17 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	27.30000	Weight of sample extracted (g)
M	40.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.746	5.714	(0.761)	133377	2.08341	127.8
$	2 Phenol-d5	99	7.191	7.133	(0.952)	181746	2.14400	131.5
	3 Phenol	94	7.215	7.145	(0.955)	6211	0.05494	3.371
$	5 2-Chlorophenol-d4	132	7.284	7.272	(0.965)	139912	2.45600	150.7
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.551	7.550	(1.000)	107154	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.845	7.844	(1.039)	54937	1.34947	82.80
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.278	8.277	(1.096)	5372	0.07685	4.715
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.447	8.446	(0.885)	131775	1.50344	92.25
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.543	9.542	(1.000)	322884	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.319	11.320	(0.915)	196499	1.65971	101.8
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.375	12.376	(1.000)	165955	2.00000	
	50 Diethylphthalate	149	13.193	13.192	(1.066)	141717	1.12017	68.73
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.667	13.667	(0.927)	44012	3.15960	193.9
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.737	14.736	(1.000)	294676	2.00000	
$	66 Terphenyl-d14	244	17.381	17.382	(0.913)	125684	2.49336	153.0
	67 Butylbenzylphthalate	149	18.260	18.249	(0.959)	4276	0.06784	4.162
*	69 Chrysene-d12	240	19.037	19.036	(1.000)	162045	2.00000	
*	77 Perylene-d12	264	21.191	21.175	(1.000)	157127	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.700	22.683	(1.071)	6648	0.09109	5.589(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: pb35q.d
Lab Smp Id: PB35Q
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12733

Calibration Date: 13-JUN-2009
Calibration Time: 10:42
Client Smp ID: 3SED12-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	107154	-10.54
27 Naphthalene-d8	372217	186108	744434	322884	-13.25
42 Acenaphthene-d10	182713	91356	365426	165955	-9.17
59 Phenanthrene-d10	286879	143440	573758	294676	2.72
69 Chrysene-d12	251912	125956	503824	162045	-35.67
77 Perylene-d12	231524	115762	463048	157127	-32.13

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.55	7.05	8.05	7.55	0.01
27 Naphthalene-d8	9.54	9.04	10.04	9.54	0.00
42 Acenaphthene-d10	12.38	11.88	12.88	12.37	-0.01
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	0.00
69 Chrysene-d12	19.04	18.54	19.54	19.04	0.00
77 Perylene-d12	21.18	20.68	21.68	21.19	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35Q
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12733

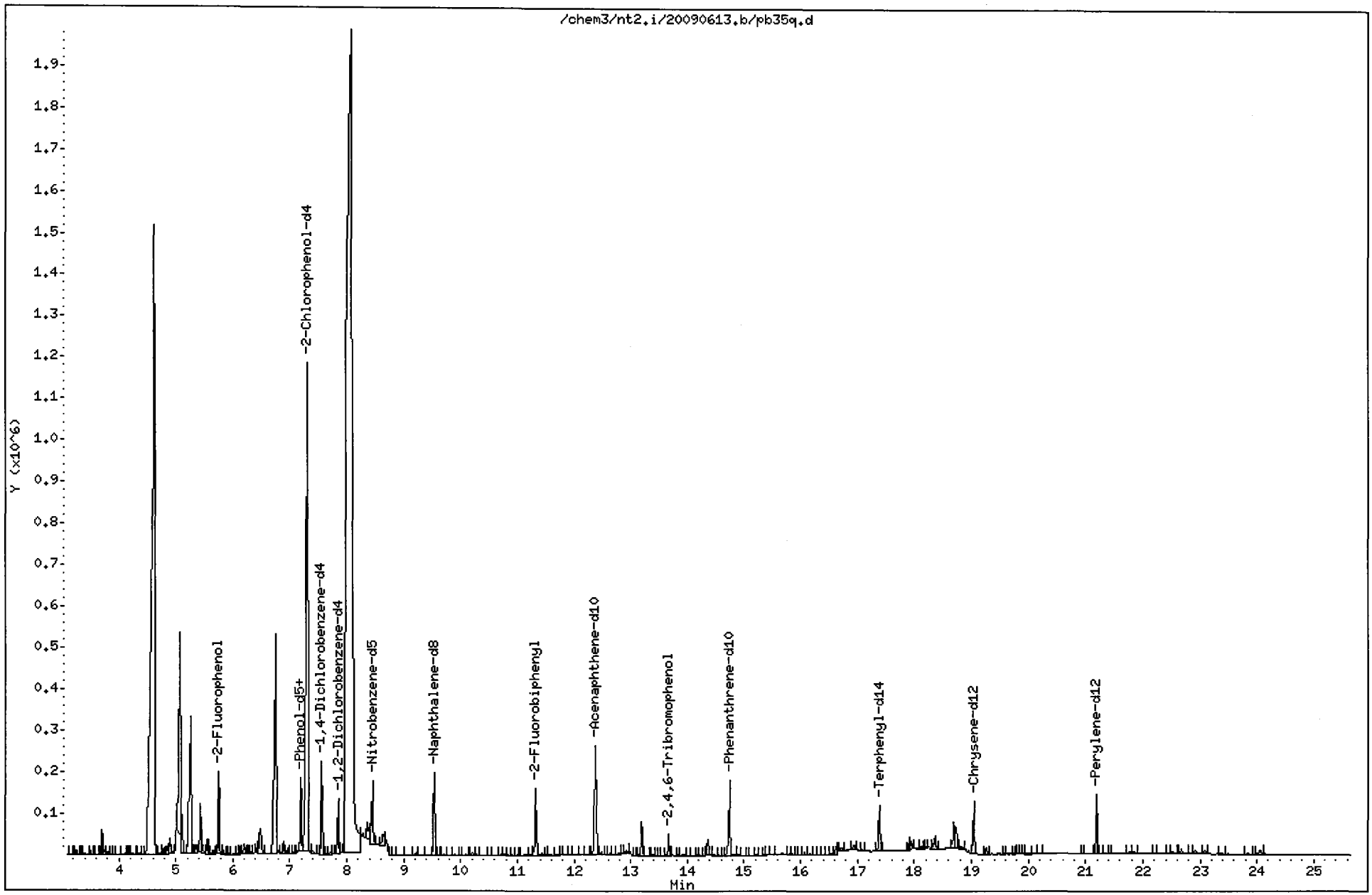
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED12-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	230.1	127.8	55.56	30-160
$ 2 Phenol-d5	230.1	131.5	57.17	30-160
$ 5 2-Chlorophenol-d4	230.1	150.7	65.49	30-160
$ 10 1,2-Dichlorobenzen	153.4	82.80	53.98	30-160
$ 18 Nitrobenzene-d5	153.4	92.25	60.14	30-160
$ 36 2-Fluorobiphenyl	153.4	101.8	66.39	30-160
$ 55 2,4,6-Tribromophen	230.1	193.9	84.26	30-160
$ 66 Terphenyl-d14	153.4	153.0	99.73	30-160

Data File: /chem3/nt2.i/20090613.b/pb35q.d
Date : 13-JUN-2009 15:17
Client ID: 3SED12-B
Sample Info: PB35Q
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



SIM Semivolatile Analysis
Standard Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT2 Calibration Date: 05/11/09

LAB FILE ID: RRF0.1=IC051103 RRF0.5=IC051105 RRF1 =IC051106
RRF2.5=IC051101 RRF5 =IC051104 RRF10 =IC051102

COMPOUND	RRF 0.1	RRF 0.5	RRF 1	RRF 2.5	RRF 5	RRF 10	$\overline{RRF}$	%RSD /R^2
Phenol	2.353	2.037	2.060	2.128	2.145	1.938	2.110	6.6
1,3-Dichlorobenzene	1.635	1.396	1.436	1.439	1.372	1.200	1.413	9.9
1,4-Dichlorobenzene	1.700	1.430	1.435	1.442	1.460	1.325	1.465	8.5
1,2-Dichlorobenzene	1.542	1.305	1.314	1.293	1.288	1.175	1.320	9.1
Benzyl alcohol	1.549	1.275	1.325	1.467	1.240	1.241	1.350	9.6
2-Methylphenol	1.371	1.247	1.276	1.319	1.278	1.166	1.276	5.4
N-Nitroso-di-n-propylamine	1.410	1.185	1.203	1.226	1.197	1.102	1.220	8.3
4-Methylphenol	1.337	1.246	1.290	1.344	1.392	1.219	1.305	5.0
2,4-Dimethylphenol	0.506	0.510	0.526	0.508	0.480	0.419	0.492	7.8
1,2,4-Trichlorobenzene	0.361	0.299	0.313	0.277	0.315	0.301	0.311	9.1
Hexachlorobutadiene	0.192	0.160	0.162	0.150	0.160	0.148	0.162	9.8
Dimethylphthalate	1.600	1.423	1.536	1.485	1.486	1.445	1.496	4.3
Diethylphthalate	1.651	1.442	1.505	1.520	1.569	1.461	1.525	5.0
N-Nitrosodiphenylamine (1)	0.623	0.564	0.601	0.626	0.626	0.562	0.600	5.0
Hexachlorobenzene	0.246	0.210	0.216	0.223	0.220	0.199	0.219	7.3
Pentachlorophenol	0.130	0.117	0.130	0.136	0.153	0.141	0.134	9.0
Butylbenzylphthalate	0.801	0.722	0.772	0.795	0.817	0.761	0.778	4.4
Dibenzo(a,h)anthracene	0.854	0.920	0.971	0.907	1.004	0.918	0.929	5.6
N-Nitrosodimethylamine		0.922	0.938	0.995	0.978	0.887	0.944	4.6
2-Fluorophenol		1.166	1.210	1.235	1.239	1.124	1.195	4.1
Phenol-d5		1.545	1.564	1.654	1.649	1.499	1.582	4.3
2-Chlorophenol-d4		1.043	1.065	1.094	1.108	1.006	1.063	3.9
1,2-Dichlorobenzene-d4		0.765	0.763	0.761	0.786	0.725	0.760	2.9
Nitrobenzene-d5		0.547	0.567	0.529	0.551	0.519	0.543	3.5
2-Fluorobiphenyl		1.367	1.428	1.439	1.460	1.440	1.427	2.5
2,4,6-Tribromophenol		0.086	0.095	0.098	0.100	0.094	0.095	5.6
Terphenyl-d14		0.592	0.624	0.632	0.657	0.605	0.622	4.0

(1) Cannot be seperated from Diphenylamine

<- Outside QC limits: %RSD <20% or R^2 > 0.990

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

Calibration File Names:
Level 1: /chem3/nt2.i/20090511.b/ic051103.d
Level 2: /chem3/nt2.i/20090511.b/ic051105.d
Level 3: /chem3/nt2.i/20090511.b/ic051106.d
Level 4: /chem3/nt2.i/20090511.b/ic051101.d
Level 5: /chem3/nt2.i/20090511.b/ic051104.d
Level 6: /chem3/nt2.i/20090511.b/ic051102.d

Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
137 NewCpnd_131	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
133 Butylatedhydroxytoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
146 Benzo(j)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
144 alpha-Terpineol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
123 Acetophenone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

	Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
122	Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
143	1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
121	Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
120	2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
119	7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
118	Triphenyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
117	Butyl Diphenyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
116	Dibutyl Phenyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
115	Tributyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
114	Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
113	Diphenyl Oxide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
112	Biphenyl	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
111	Azobenzene (1,2-DP-Hydrazine)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
110	Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
109	3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
108	4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
107	4,5-Dichloro-2-Methoxyphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
106	Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
105	1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
3	Phenol	2.35301	2.03667	2.06053	2.12757	2.14478	1.93806	2.11010	6.633
4	Bis(2-Chloroethyl)ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
6	2-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
7	1,3-Dichlorobenzene	1.63523	1.39646	1.43645	1.43894	1.37151	1.20033	1.41315	9.899
9	1,4-Dichlorobenzene	1.70034	1.42967	1.43495	1.44243	1.46013	1.32481	1.46539	8.508
11	Benzyl alcohol	1.54915	1.27504	1.32502	1.46708	1.24036	1.24076	1.34957	9.579
12	1,2-Dichlorobenzene	1.54213	1.30542	1.31407	1.29282	1.28767	1.17543	1.31959	9.111
13	2-Methylphenol	1.37123	1.24700	1.27565	1.31896	1.27800	1.16626	1.27618	5.406
14	2,2'-oxybis(1-Chloropropane)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
15	4-Methylphenol	1.33720	1.24574	1.29031	1.34426	1.39220	1.21896	1.30478	5.004

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
16 N-Nitroso-di-n-propylamine	1.40958	1.18482	1.20306	1.22582	1.19733	1.10244	1.22051	8.342
17 Hexachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
19 Nitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
20 Isophorone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
21 2-Nitrophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
22 2,4-Dimethylphenol	0.50635	0.51022	0.52552	0.50767	0.48049	0.41874	0.49150	7.830
23 Bis(2-Chloroethoxy)methane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
24 Benzoic acid	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
25 2,4-Dichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
26 1,2,4-Trichlorobenzene	0.36148	0.29879	0.31308	0.27697	0.31541	0.30115	0.31115	9.063
28 Naphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
29 4-Chloroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
30 Hexachlorobutadiene	0.19228	0.15956	0.16164	0.15004	0.16014	0.14828	0.16199	9.790
31 4-Chloro-3-methylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
32 2-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
33 Hexachlorocyclopentadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
34 2,4,6-Trichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
35 2,4,5-Trichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
37 2-Chloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
38 2-Nitroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
39 Dimethylphthalate	1.60032	1.42290	1.53634	1.48470	1.48634	1.44517	1.49596	4.297
40 Acenaphthylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
41 2,6-Dinitrotoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
43 3-Nitroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
44 Acenaphthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
45 2,4-Dinitrophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
46 Dibenzofuran	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
47 4-Nitrophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
48 2,4-Dinitrotoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
49 Fluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
50 Diethylphthalate	1.65080	1.44187	1.50543	1.52017	1.56866	1.46111	1.52467	5.006
51 4-Chlorophenyl-phenylether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
52 4-Nitroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
53 4,6-Dinitro-2-methylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
54 N-Nitrosodiphenylamine	0.62299	0.56426	0.60117	0.62620	0.62573	0.56229	0.60044	5.038
56 4-Bromophenyl-phenylether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
57 Hexachlorobenzene	0.24604	0.20958	0.21560	0.22295	0.21951	0.19869	0.21873	7.255
58 Pentachlorophenol	0.13018	0.11686	0.12984	0.13631	0.15302	0.14091	0.13452	9.038
60 Phenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
61 Anthracene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
62 Carbazole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
63 Di-n-butylphthalate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
64 Fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
65 Pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
67 Butylbenzylphthalate	0.80126	0.72179	0.77155	0.79544	0.81697	0.76078	0.77797	4.401
68 Benzo(a)anthracene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
70 3,3'-Dichlorobenzidine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
71 Chrysene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
72 bis(2-Ethylhexyl)phthalate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
73 Di-n-octylphthalate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
74 Benzo(b)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
75 Benzo(k)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
76 Benzo(a)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
78 Indeno(1,2,3-cd)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
79 Dibenzo(a,h)anthracene	0.85393	0.91963	0.97068	0.90737	1.00387	0.91826	0.92895	5.624
80 Benzo(g,h,i)perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
90 N-Nitrosodimethylamine	+++++	0.92218	0.93790	0.99482	0.97791	0.88725	0.94401	4.577
91 Aniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

	Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
	92 1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	93 Benzidine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	96 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	97 Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	98 Retene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	99 Perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	100 3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	101 Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	102 beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	103 Pyridine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	1 2-Fluorophenol	+++++	1.16624	1.21032	1.23485	1.23939	1.12366	1.19489	4.123
$	145 d8-1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	2 Phenol-d5	+++++	1.54477	1.56457	1.65376	1.64882	1.49908	1.58220	4.261
$	5 2-Chlorophenol-d4	+++++	1.04320	1.06495	1.09409	1.10852	1.00564	1.06328	3.856
$	10 1,2-Dichlorobenzene-d4	+++++	0.76472	0.76331	0.76086	0.78564	0.72467	0.75984	2.898
$	18 Nitrobenzene-d5	+++++	0.54750	0.56702	0.52950	0.55120	0.51935	0.54291	3.453
$	36 2-Fluorobiphenyl	+++++	1.36728	1.42789	1.43887	1.45990	1.44013	1.42681	2.469
$	55 2,4,6-Tribromophenol	+++++	0.08607	0.09523	0.09767	0.10011	0.09364	0.09454	5.643
$	66 Terphenyl-d14	+++++	0.59221	0.62424	0.63231	0.65665	0.60530	0.62214	4.001
$	85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051101.d
Lab Smp Id: ABN 2.5
Inj Date : 11-MAY-2009 12:17
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 2.5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.027	6.036	(0.764)	184895	2.50000	2.584
$	2 Phenol-d5	99	7.427	7.612	(0.942)	247619	2.50000	2.613
	3 Phenol	94	7.438	7.439	(0.943)	318564	2.50000	2.521
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	163819	2.50000	2.572
	7 1,3-Dichlorobenzene	146	7.815	7.816	(0.991)	215454	2.50000	2.546
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	119785	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	215977	2.50000	2.461
$	10 1,2-Dichlorobenzene-d4	152	8.161	8.179	(1.035)	113925	2.50000	2.503
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	1098339	12.5000	13.59
	12 1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	193575	2.50000	2.449
	13 2-Methylphenol	108	8.346	8.346	(1.059)	197489	2.50000	2.584
	15 4-Methylphenol	108	8.577	8.577	(1.088)	201277	2.50000	2.576
	16 N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	183544	2.50000	2.511
$	18 Nitrobenzene-d5	82	8.762	8.669	(0.887)	246361	2.50000	2.438

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	
	22 2,4-Dimethylphenol	107	9.400	9.398	(0.951)	236204	2.50000	2.582	
	26 1,2,4-Trichlorobenzene	180	9.822	9.840	(0.994)	128867	2.50000	2.225	
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	372217	2.00000		(M)
	30 Hexachlorobutadiene	225	10.226	10.243	(1.035)	69811	2.50000	2.316	
$	36 2-Fluorobiphenyl	172	11.662	11.662	(0.917)	328626	2.50000	2.521	
	39 Dimethylphthalate	163	12.371	12.371	(0.973)	339092	2.50000	2.481	
*	42 Acenaphthene-d10	162	12.717	12.717	(1.000)	182713	2.00000		
	50 Diethylphthalate	149	13.528	13.528	(1.064)	347193	2.50000	2.493	
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.915)	224553	2.50000	2.607	
$	55 2,4,6-Tribromophenol	330	14.015	14.014	(0.929)	35024	2.50000	2.583	
	57 Hexachlorobenzene	284	14.629	14.628	(0.969)	79951	2.50000	2.548	
	58 Pentachlorophenol	266	14.906	14.905	(0.988)	244403	12.5000	12.67	
*	59 Phenanthrene-d10	188	15.091	15.090	(1.000)	286879	2.00000		
$	66 Terphenyl-d14	244	17.735	17.736	(0.914)	199107	2.50000	2.541	
	67 Butylbenzylphthalate	149	18.603	18.603	(0.958)	250477	2.50000	2.556	
*	69 Chrysene-d12	240	19.413	19.414	(1.000)	251912	2.00000		
*	77 Perylene-d12	264	21.583	21.568	(1.000)	231524	2.00000		
	79 Dibenzo(a,h)anthracene	278	23.230	23.230	(1.076)	262596	2.50000	2.442	
	90 N-Nitrosodimethylamine	74	3.882	3.891	(0.492)	148955	2.50000	2.635	

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051101.d
Lab Smp Id: ABN 2.5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	119785	0.00
27 Naphthalene-d8	372217	186108	744434	372217	0.00
42 Acenaphthene-d10	182713	91356	365426	182713	0.00
59 Phenanthrene-d10	286879	143440	573758	286879	0.00
69 Chrysene-d12	251912	125956	503824	251912	0.00
77 Perylene-d12	231524	115762	463048	231524	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.02
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.00
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.01
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.58	0.07

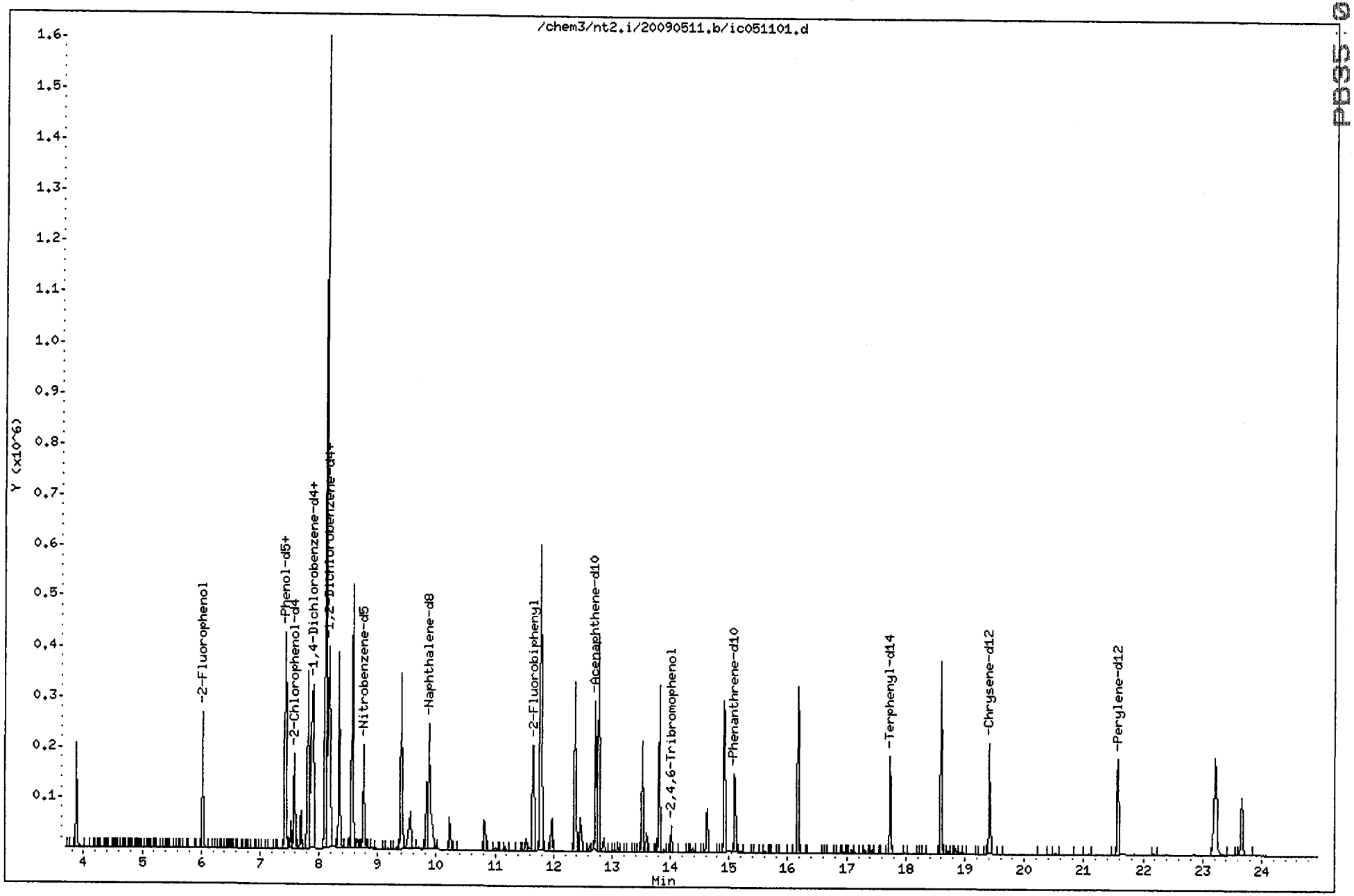
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090511.b/ic051101.d
Date : 11-MAY-2009 12:17
Client ID:
Sample Info: ABN 2.5
Volume Injected (uL): 2.0
Column phase: ZB-5

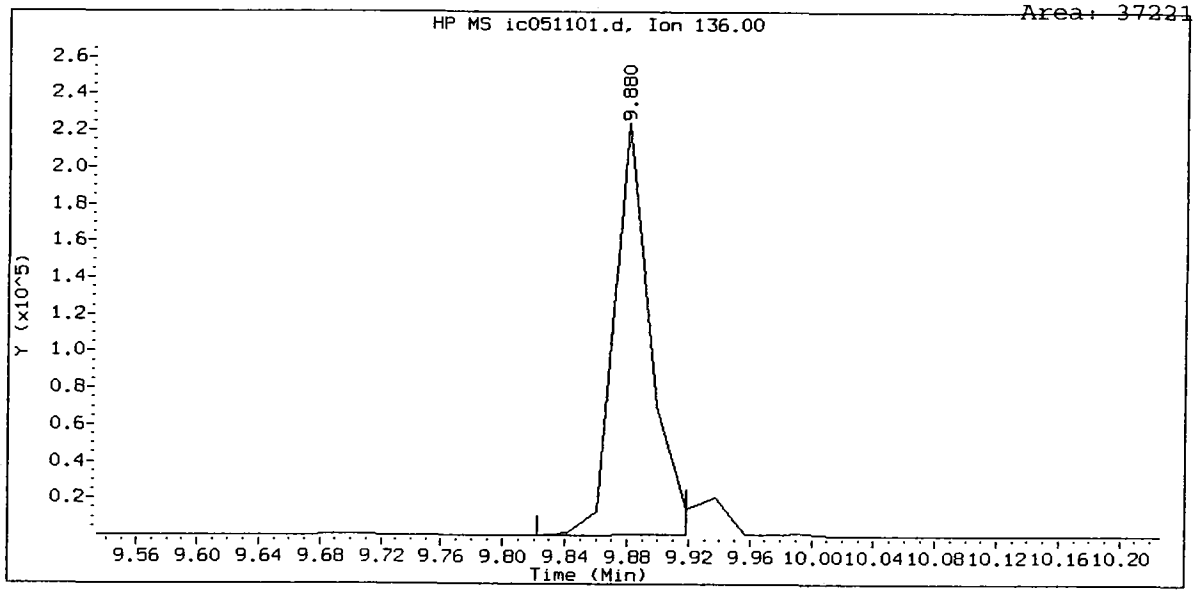
Instrument: nt2.i

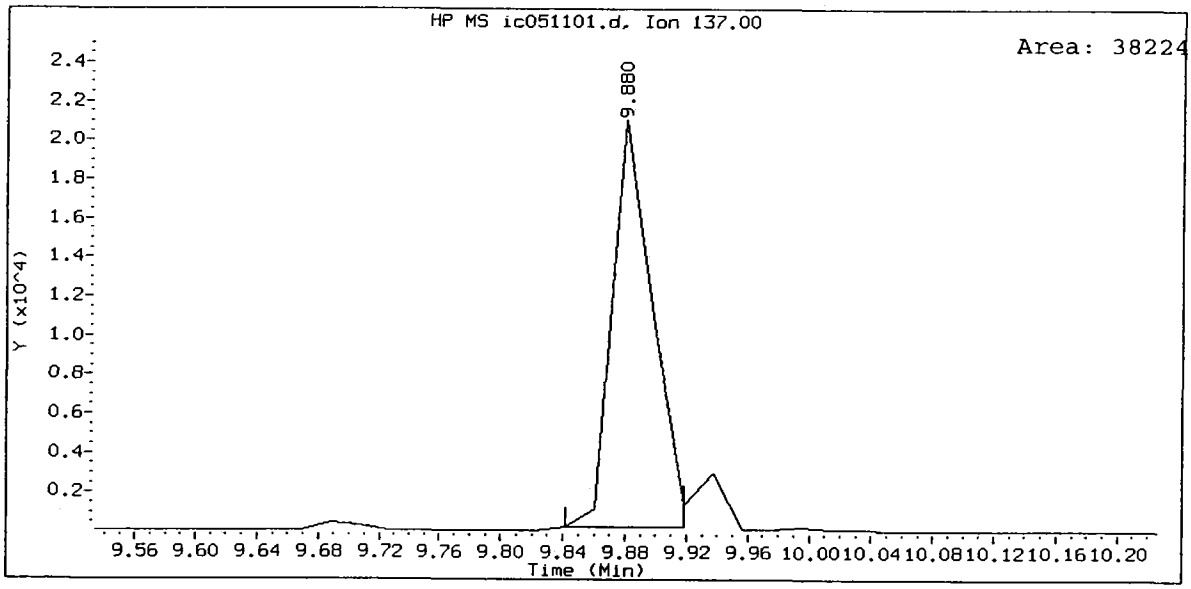
Operator: VTS
Column diameter: 0.32

PB95 006619



ABN 2.5, /chem3/nt2.i/20090511.b/ic051101.d
Naphthalene-d8 Amount: 2.00





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051102.d
Lab Smp Id: ABN 10
Inj Date : 11-MAY-2009 12:50
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 10
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.028	6.036	(0.764)	920409	10.0000	9.404
$	2 Phenol-d5	99	7.438	7.612	(0.943)	1227917	10.0000	9.475
	3 Phenol	94	7.449	7.439	(0.945)	1587495	10.0000	9.185
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	823732	10.0000	9.458
	7 1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	983207	10.0000	8.494
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	163823	2.00000	
	9 1,4-Dichlorobenzene	146	7.903	7.902	(1.002)	1085171	10.0000	9.041
$	10 1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	593588	10.0000	9.537
	11 Benzyl alcohol	79	8.145	8.127	(1.033)	5081622	50.0000	45.97
	12 1,2-Dichlorobenzene	146	8.197	8.179	(1.039)	962815	10.0000	8.908
	13 2-Methylphenol	108	8.362	8.346	(1.060)	955300	10.0000	9.139
	15 4-Methylphenol	108	8.577	8.577	(1.088)	998466	10.0000	9.342
	16 N-Nitroso-di-n-propylamine	70	8.593	8.577	(1.090)	903022	10.0000	9.033
$	18 Nitrobenzene-d5	82	8.777	8.669	(0.887)	1235350	10.0000	9.566

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.950)	996033	10.0000	8.520
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.994)	716318	10.0000	9.679
*	27 Naphthalene-d8	136	9.898	9.878	(1.000)	475727	2.00000	
	30 Hexachlorobutadiene	225	10.244	10.243	(1.035)	352709	10.0000	9.154
$	36 2-Fluorobiphenyl	172	11.663	11.662	(0.917)	1675288	10.0000	10.09
	39 Dimethylphthalate	163	12.390	12.371	(0.974)	1681157	10.0000	9.660
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	232658	2.00000	
	50 Diethylphthalate	149	13.540	13.528	(1.065)	1699693	10.0000	9.583
	54 N-Nitrosodiphenylamine	169	13.818	13.805	(0.915)	1104150	10.0000	9.365
$	55 2,4,6-Tribromophenol	330	14.026	14.014	(0.928)	183881	10.0000	9.905
	57 Hexachlorobenzene	284	14.629	14.628	(0.968)	390165	10.0000	9.084
	58 Pentachlorophenol	266	14.921	14.905	(0.988)	1383513	50.0000	52.38
*	59 Phenanthrene-d10	188	15.106	15.090	(1.000)	392733	2.00000	
$	66 Terphenyl-d14	244	17.736	17.736	(0.913)	1048149	10.0000	9.729
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	1317390	10.0000	9.779
*	69 Chrysene-d12	240	19.428	19.414	(1.000)	346324	2.00000	
*	77 Perylene-d12	264	21.582	21.568	(1.000)	314498	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.244	23.230	(1.077)	1443947	10.0000	9.885
	90 N-Nitrosodimethylamine	74	3.899	3.891	(0.494)	726756	10.0000	9.399

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051102.d
Lab Smp Id: ABN 10
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

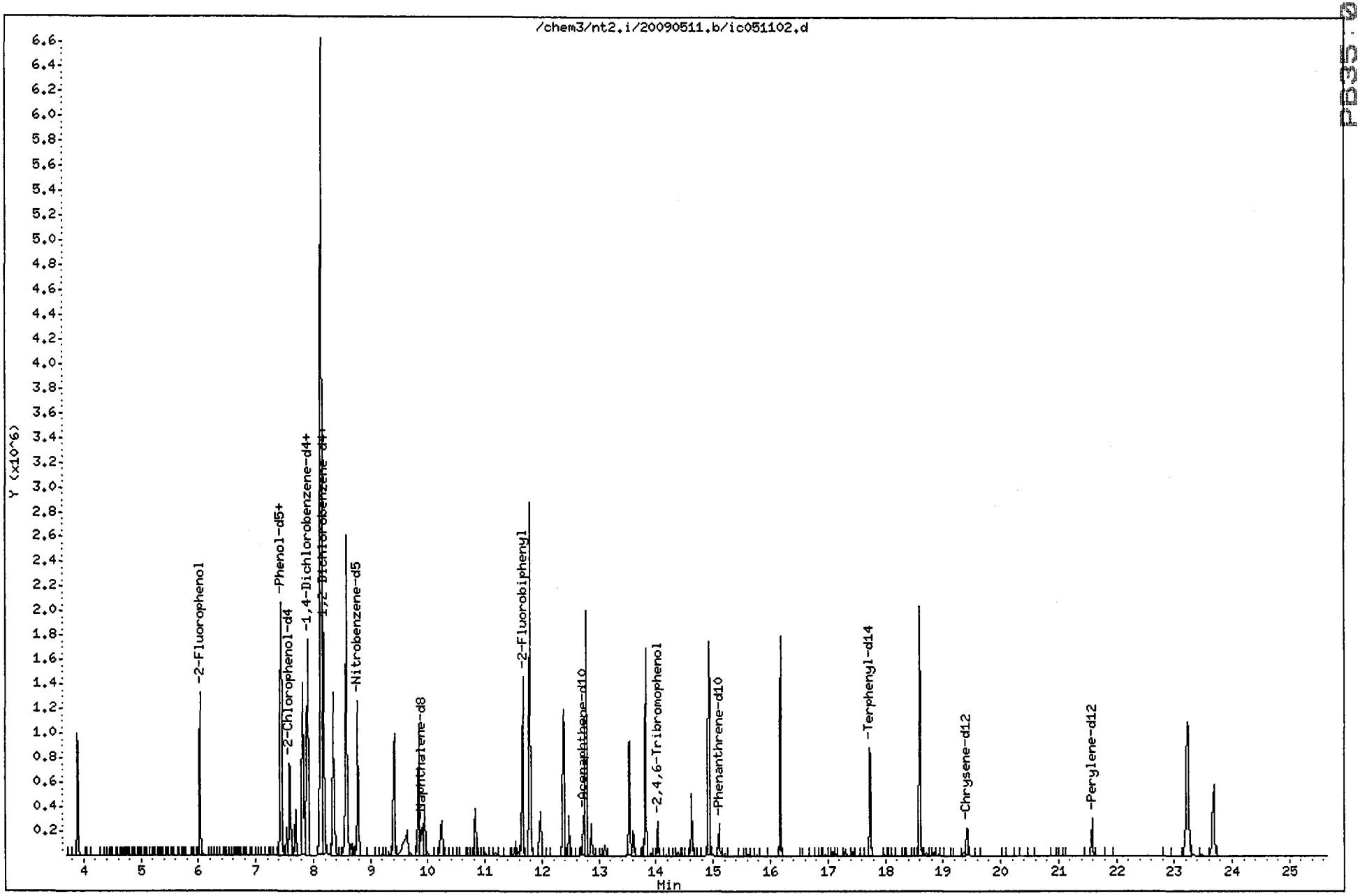
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	163823	36.76
27 Naphthalene-d8	372217	186108	744434	475727	27.81
42 Acenaphthene-d10	182713	91356	365426	232658	27.34
59 Phenanthrene-d10	286879	143440	573758	392733	36.90
69 Chrysene-d12	251912	125956	503824	346324	37.48
77 Perylene-d12	231524	115762	463048	314498	35.84

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.89	0.01
27 Naphthalene-d8	9.88	9.38	10.38	9.90	0.20
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.11	0.11
69 Chrysene-d12	19.41	18.91	19.91	19.43	0.07
77 Perylene-d12	21.57	21.07	22.07	21.58	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090511.b/ic051102.d
Date : 11-MAY-2009 12:50
Client ID:
Sample Info: ABN 10
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



PB35.00615

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051103.d
Lab Smp Id: ABN 0.1
Inj Date : 11-MAY-2009 13:23
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 0.1
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.036	6.036	(0.765)	8595	0.10000	0.1112
$	2 Phenol-d5	99	7.426	7.612	(0.942)	11439	0.10000	0.1118
	3 Phenol	94	7.449	7.439	(0.945)	15214	0.10000	0.1115
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	8008	0.10000	0.1165
	7 1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	10573	0.10000	0.1157
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	129315	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	10994	0.10000	0.1160
$	10 1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	5726	0.10000	0.1165
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	50082	0.50000	0.5739
	12 1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	9971	0.10000	0.1169
	13 2-Methylphenol	108	8.347	8.346	(1.059)	8866	0.10000	0.1074
	15 4-Methylphenol	108	8.578	8.577	(1.088)	8646	0.10000	0.1025
	16 N-Nitroso-di-n-propylamine	70	8.578	8.577	(1.088)	9114	0.10000	0.1155
$	18 Nitrobenzene-d5	82	8.762	8.669	(0.887)	12908	0.10000	0.1300(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.951)	9259	0.10000	0.1030
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.996)	6610	0.10000	0.1162
*	27 Naphthalene-d8	136	9.879	9.878	(1.000)	365716	2.00000	
	30 Hexachlorobutadiene	225	10.244	10.243	(1.037)	3516	0.10000	0.1187
$	36 2-Fluorobiphenyl	172	11.662	11.662	(0.917)	14466	0.10000	0.1153
	39 Dimethylphthalate	163	12.372	12.371	(0.973)	14074	0.10000	0.1070
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	175890	2.00000	
	50 Diethylphthalate	149	13.528	13.528	(1.064)	14518	0.10000	0.1083
	54 N-Nitrosodiphenylamine	169	13.805	13.805	(0.915)	9394	0.10000	0.1038(M)
$	55 2,4,6-Tribromophenol	330	14.025	14.014	(0.929)	1428	0.10000	0.1002(M)
	57 Hexachlorobenzene	284	14.629	14.628	(0.969)	3710	0.10000	0.1125
	58 Pentachlorophenol	266	14.921	14.905	(0.989)	9815	0.50000	0.4839
*	59 Phenanthrene-d10	188	15.090	15.090	(1.000)	301577	2.00000	
$	66 Terphenyl-d14	244	17.736	17.736	(0.914)	9009	0.10000	0.1074
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	10800	0.10000	0.1030
*	69 Chrysene-d12	240	19.414	19.414	(1.000)	269577	2.00000	
*	77 Perylene-d12	264	21.569	21.568	(1.000)	249669	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.231	23.230	(1.077)	10660	0.10000	0.09192
	90 N-Nitrosodimethylamine	74	3.899	3.891	(0.494)	6588	0.10000	0.1079

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051103.d
Lab Smp Id: ABN 0.1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	129315	7.96
27 Naphthalene-d8	372217	186108	744434	365716	-1.75
42 Acenaphthene-d10	182713	91356	365426	175890	-3.73
59 Phenanthrene-d10	286879	143440	573758	301577	5.12
69 Chrysene-d12	251912	125956	503824	269577	7.01
77 Perylene-d12	231524	115762	463048	249669	7.84

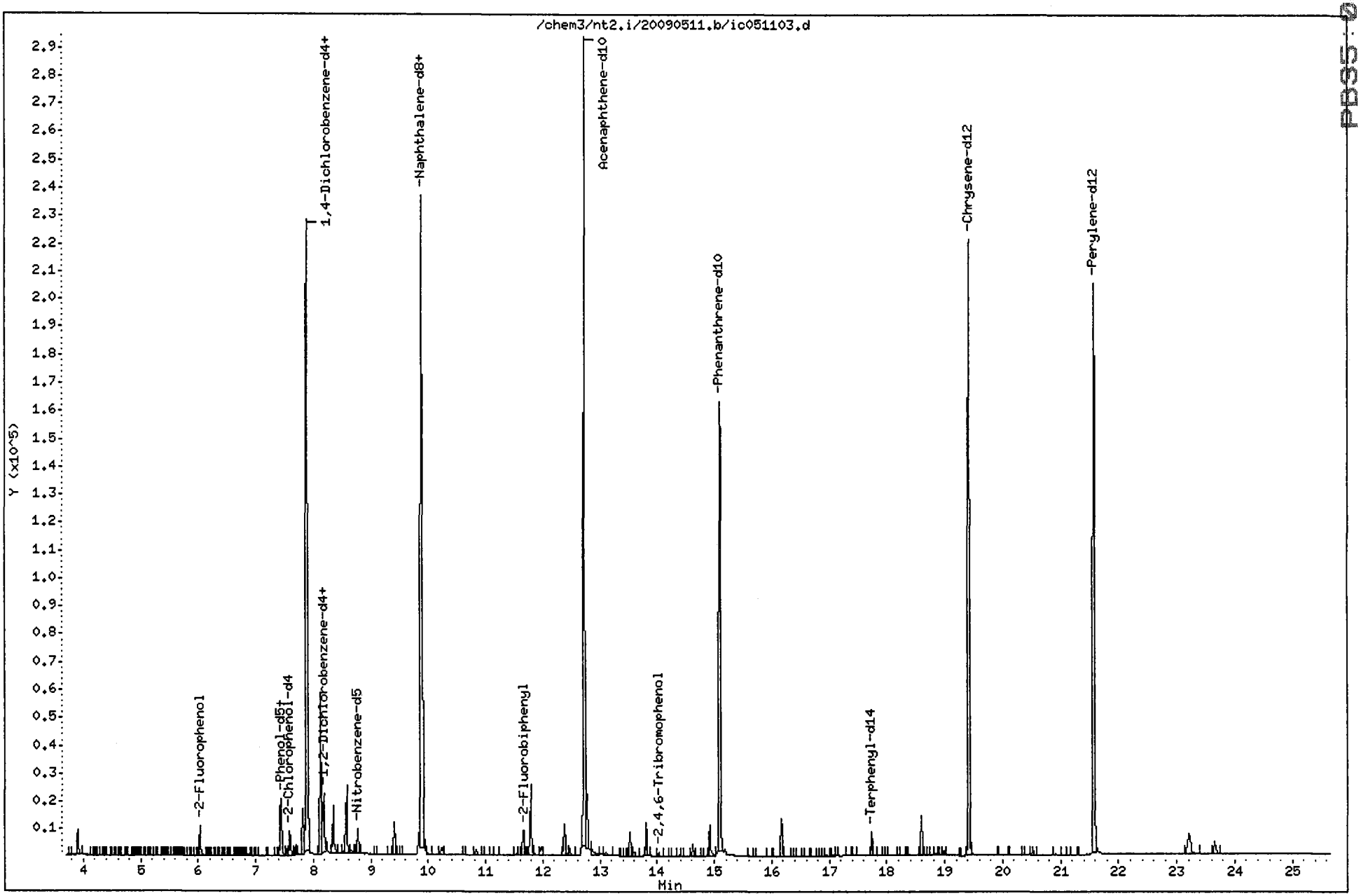
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.89	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.01
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.00
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.00
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

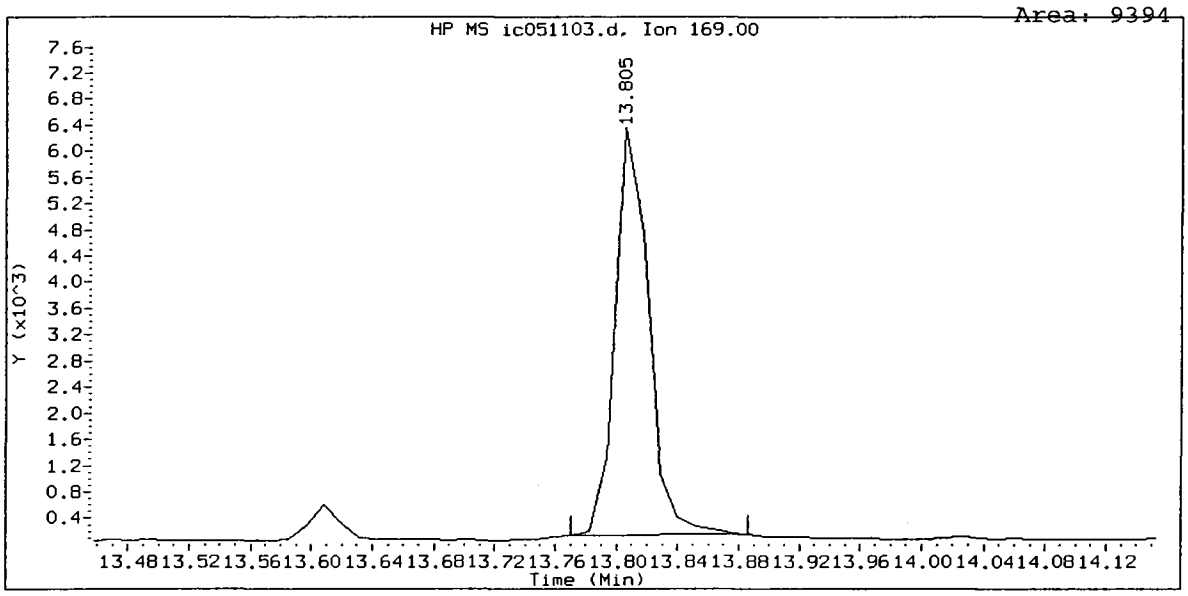
Data File: /chem3/nt2.i/20090511.b/ic051103.d
Date : 11-MAY-2009 13:23
Client ID:
Sample Info: ABN 0.1
Volume Injected (uL): 2.0
Column phase: ZB-5

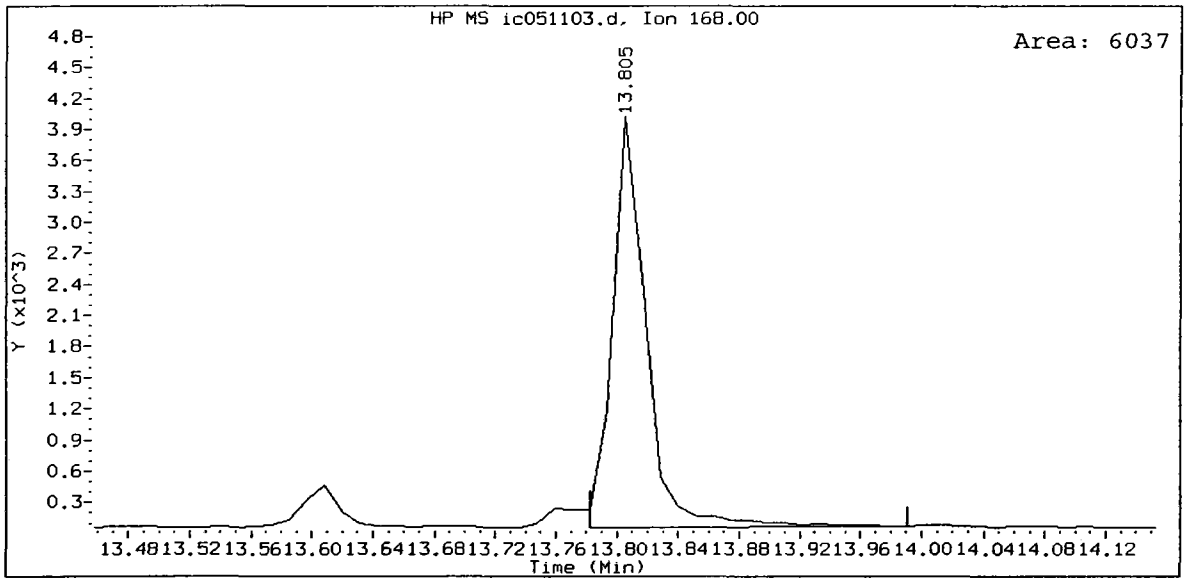
Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

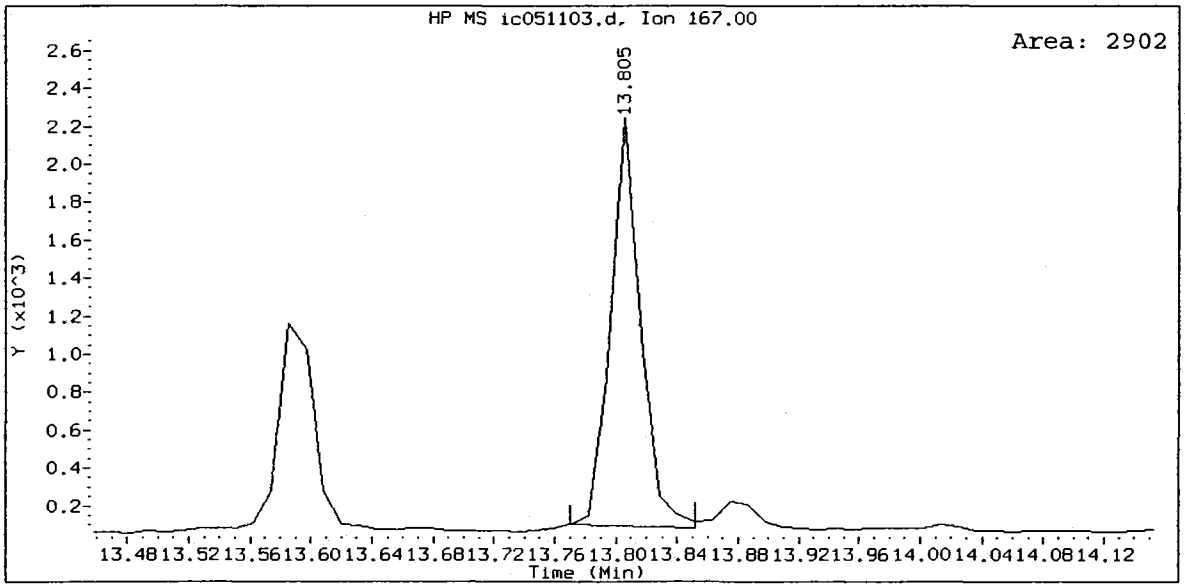
PBS5-060619



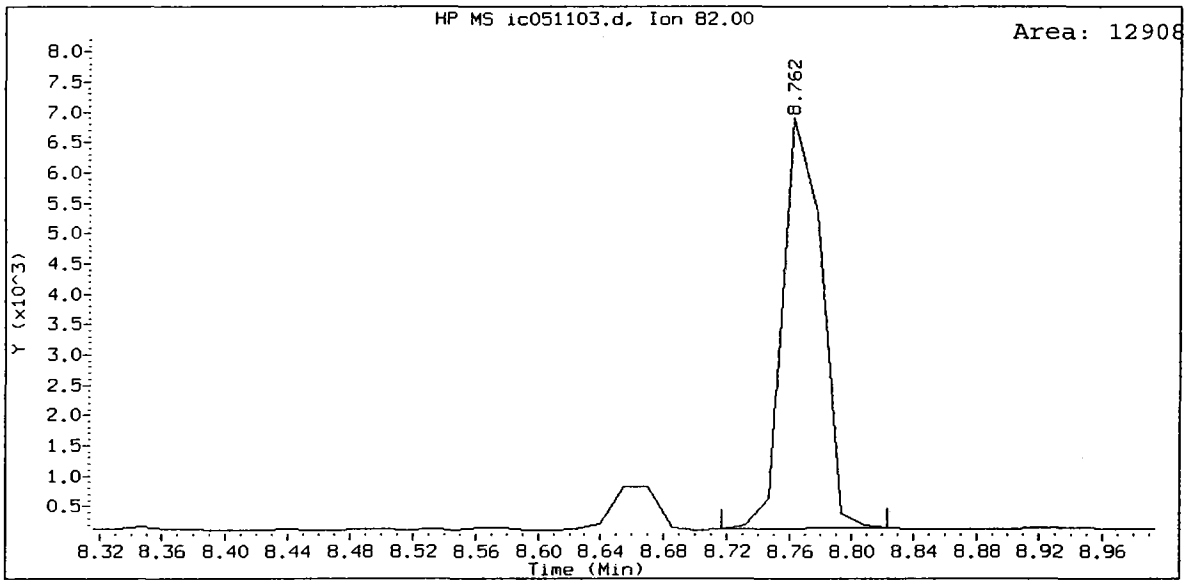
ABN 0.1, /chem3/nt2.i/20090511.b/ic051103.d
N-Nitrosodiphenylamine Amount: 0.10

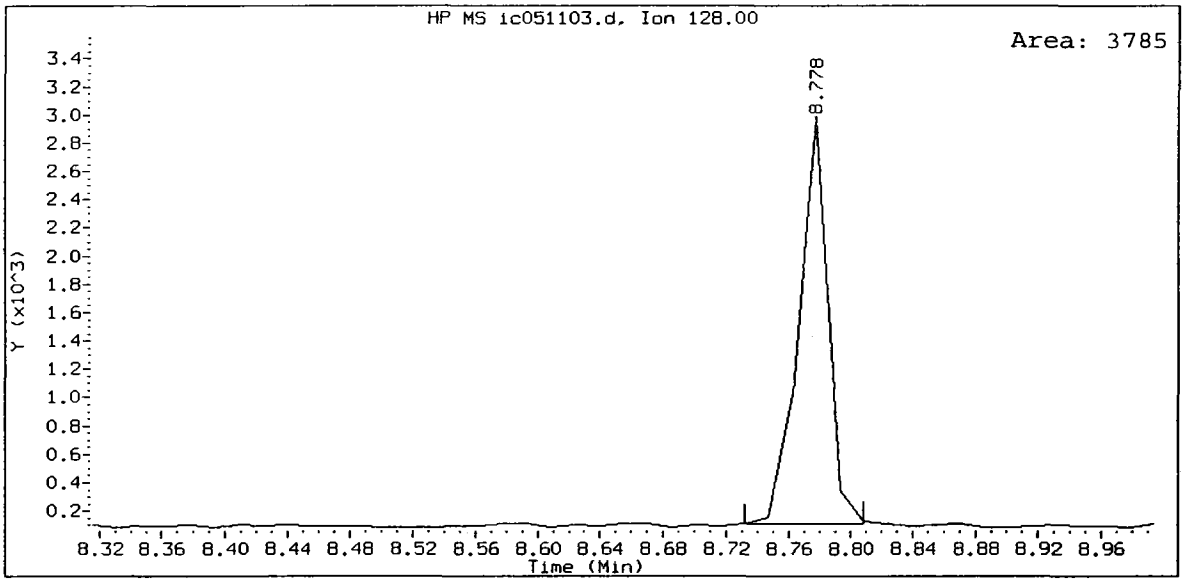




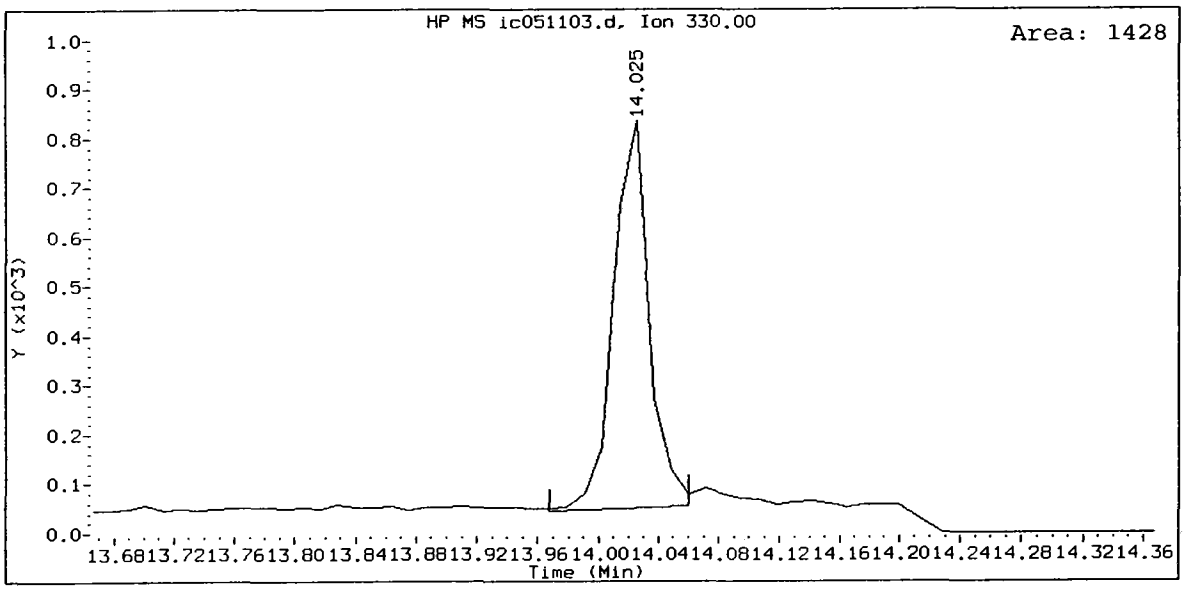


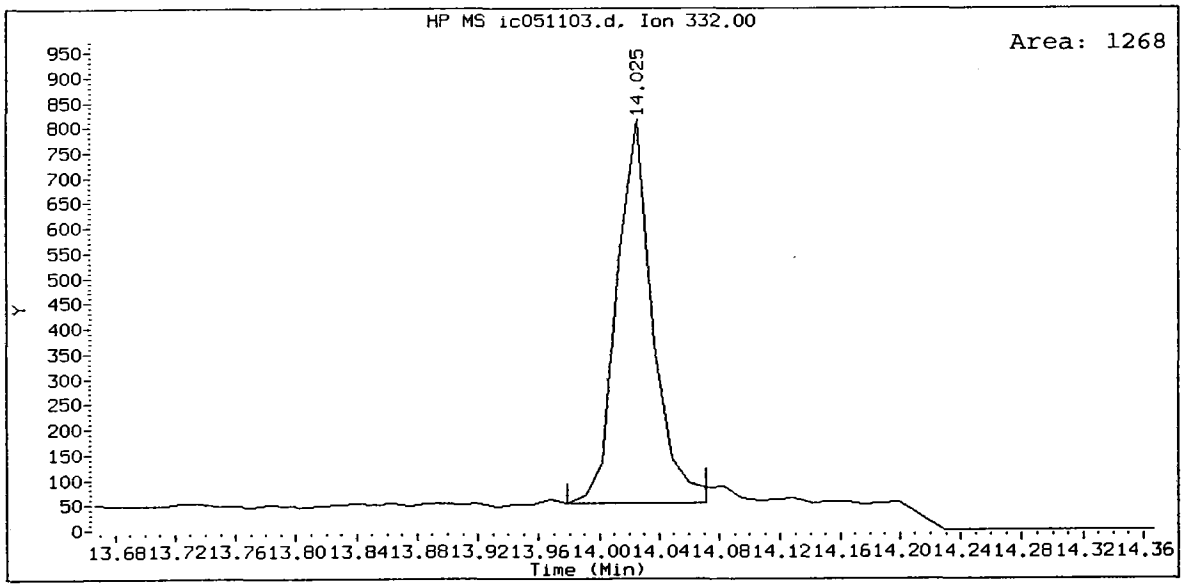
ABN 0.1, /chem3/nt2.i/20090511.b/ic051103.d
Nitrobenzene-d5 Amount: 0.13

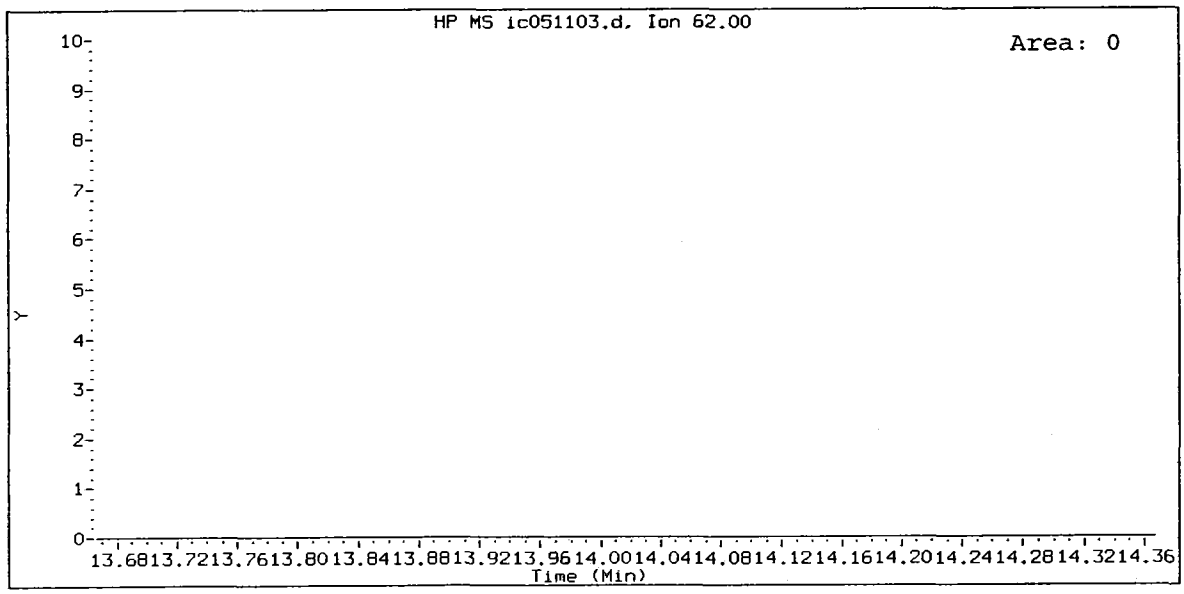




ABN 0.1, /chem3/nt2.i/20090511.b/ic051103.d
2,4,6-Tribromophenol Amount: 0.10







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051104.d
Lab Smp Id: ABN 5
Inj Date : 11-MAY-2009 13:57
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.027	6.036	(0.764)	439530	5.00000	5.186
$	2 Phenol-d5	99	7.438	7.612	(0.943)	584729	5.00000	5.211
	3 Phenol	94	7.449	7.439	(0.945)	760615	5.00000	5.082
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	393119	5.00000	5.213
	7 1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	486387	5.00000	4.853
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	141854	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	517814	5.00000	4.982
$	10 1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	278614	5.00000	5.170
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	2199381	25.0000	22.98
	12 1,2-Dichlorobenzene	146	8.196	8.179	(1.039)	456653	5.00000	4.879
	13 2-Methylphenol	108	8.347	8.346	(1.059)	453224	5.00000	5.007
	15 4-Methylphenol	108	8.578	8.577	(1.088)	493722	5.00000	5.335
	16 N-Nitroso-di-n-propylamine	70	8.578	8.577	(1.088)	424614	5.00000	4.905
$	18 Nitrobenzene-d5	82	8.778	8.669	(0.888)	587728	5.00000	5.076

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.951)	512330	5.00000	4.888	
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.996)	336314	5.00000	5.069	
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	426510	2.00000		(M)
	30 Hexachlorobutadiene	225	10.245	10.243	(1.037)	170751	5.00000	4.943	
$	36 2-Fluorobiphenyl	172	11.663	11.662	(0.917)	765982	5.00000	5.116	
	39 Dimethylphthalate	163	12.372	12.371	(0.973)	779859	5.00000	4.968	
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	209873	2.00000		
	50 Diethylphthalate	149	13.528	13.528	(1.064)	823046	5.00000	5.144	
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.914)	525799	5.00000	5.211	
$	55 2,4,6-Tribromophenol	330	14.014	14.014	(0.928)	84118	5.00000	5.294	
	57 Hexachlorobenzene	284	14.629	14.628	(0.968)	184452	5.00000	5.018	
	58 Pentachlorophenol	266	14.921	14.905	(0.988)	642905	25.0000	28.44	
*	59 Phenanthrene-d10	188	15.106	15.090	(1.000)	336119	2.00000		
$	66 Terphenyl-d14	244	17.736	17.736	(0.914)	494779	5.00000	5.277	
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	615577	5.00000	5.251	
*	69 Chrysene-d12	240	19.414	19.414	(1.000)	301395	2.00000		
*	77 Perylene-d12	264	21.584	21.568	(1.000)	274183	2.00000		
	79 Dibenzo(a,h)anthracene	278	23.231	23.230	(1.076)	688109	5.00000	5.403	
	90 N-Nitrosodimethylamine	74	3.889	3.891	(0.493)	346801	5.00000	5.180	

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051104.d
Lab Smp Id: ABN 5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

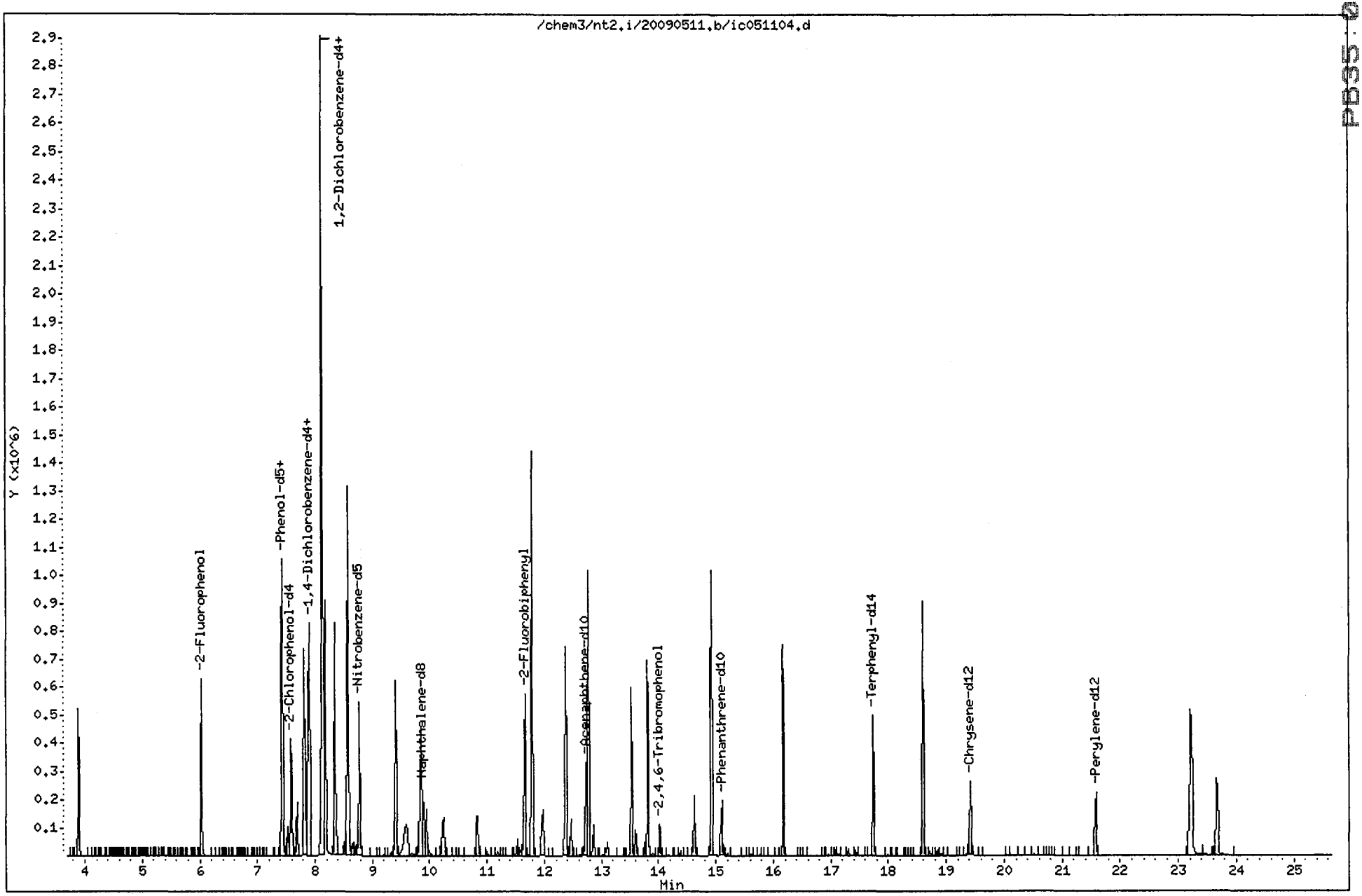
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	141854	18.42
27 Naphthalene-d8	372217	186108	744434	426510	14.59
42 Acenaphthene-d10	182713	91356	365426	209873	14.86
59 Phenanthrene-d10	286879	143440	573758	336119	17.16
69 Chrysene-d12	251912	125956	503824	301395	19.64
77 Perylene-d12	231524	115762	463048	274183	18.43

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.89	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.01
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.11	0.11
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.58	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

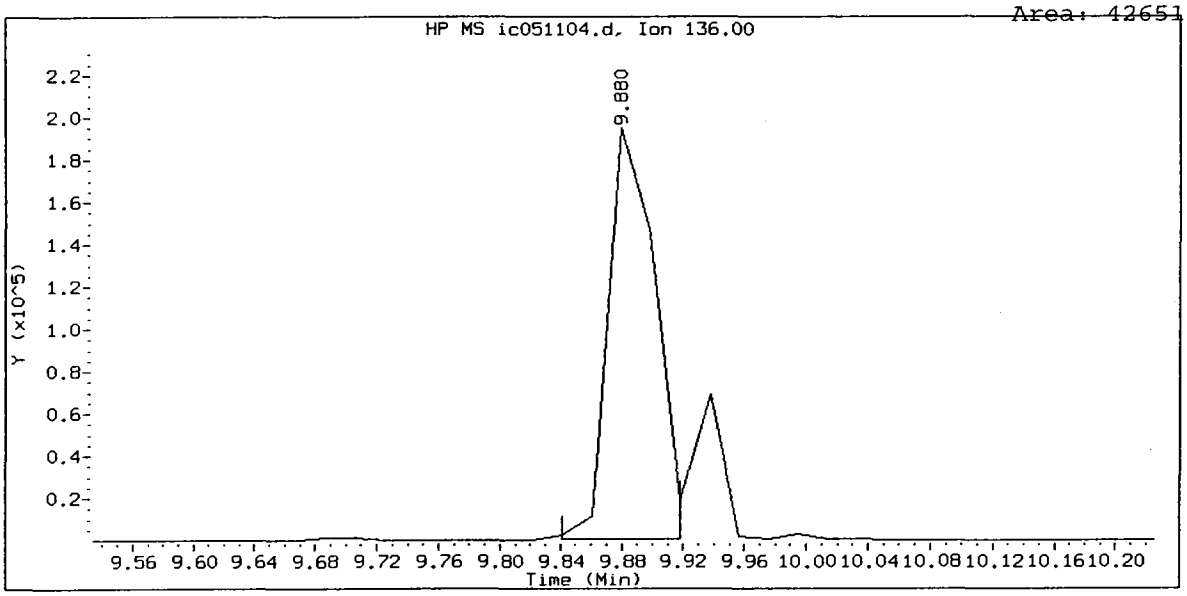
Data File: /chem3/nt2.i/20090511.b/ic051104.d
Date : 11-MAY-2009 13:57
Client ID:
Sample Info: ABN 5
Volume Injected (uL): 2.0
Column phase: ZB-5

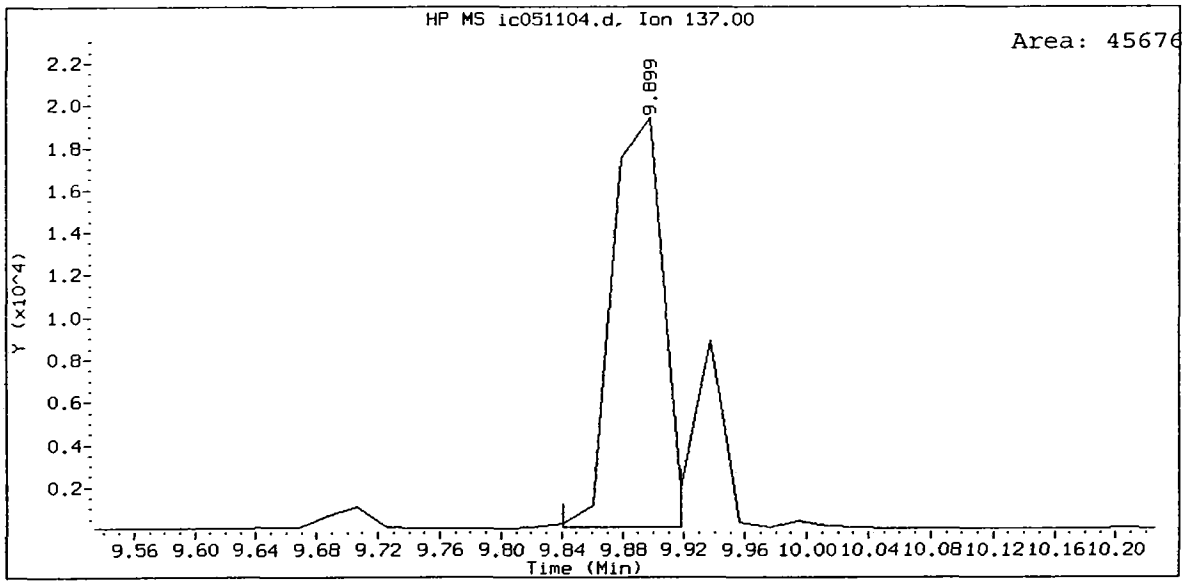
Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



PB95-906526

ABN 5, /chem3/nt2.i/20090511.b/ic051104.d
Naphthalene-d8 Amount: 2.00





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051105.d
Lab Smp Id: ABN 0.5
Inj Date : 11-MAY-2009 14:32
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 0.5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.028	6.036	(0.765)	38805	0.50000	0.4880
$	2 Phenol-d5	99	7.426	7.612	(0.942)	51400	0.50000	0.4882
	3 Phenol	94	7.438	7.439	(0.943)	67767	0.50000	0.4826
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	34711	0.50000	0.4906
	7 1,3-Dichlorobenzene	146	7.815	7.816	(0.991)	46465	0.50000	0.4941
*	8 1,4-Dichlorobenzene-d4	152	7.884	7.885	(1.000)	133094	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	47570	0.50000	0.4878
$	10 1,2-Dichlorobenzene-d4	152	8.178	8.179	(1.037)	25445	0.50000	0.5032
	11 Benzyl alcohol	79	8.126	8.127	(1.031)	212125	2.50000	2.362
	12 1,2-Dichlorobenzene	146	8.178	8.179	(1.037)	43436	0.50000	0.4946
	13 2-Methylphenol	108	8.346	8.346	(1.059)	41492	0.50000	0.4886
	15 4-Methylphenol	108	8.577	8.577	(1.088)	41450	0.50000	0.4774
	16 N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	39423	0.50000	0.4854
$	18 Nitrobenzene-d5	82	8.762	8.669	(0.887)	53125	0.50000	0.5042

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.400	9.398	(0.951)	49508	0.50000	0.5190
	26 1,2,4-Trichlorobenzene	180	9.822	9.840	(0.994)	28992	0.50000	0.4801
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	388129	2.00000	
	30 Hexachlorobutadiene	225	10.226	10.243	(1.035)	15482	0.50000	0.4925
$	36 2-Fluorobiphenyl	172	11.646	11.662	(0.916)	67512	0.50000	0.4791
	39 Dimethylphthalate	163	12.373	12.371	(0.973)	70258	0.50000	0.4756
*	42 Acenaphthene-d10	162	12.719	12.717	(1.000)	197507	2.00000	
	50 Diethylphthalate	149	13.517	13.528	(1.063)	71195	0.50000	0.4728
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.915)	45277	0.50000	0.4699
$	55 2,4,6-Tribromophenol	330	14.015	14.014	(0.929)	6906	0.50000	0.4552
	57 Hexachlorobenzene	284	14.629	14.628	(0.969)	16817	0.50000	0.4791
	58 Pentachlorophenol	266	14.907	14.905	(0.988)	46883	2.50000	2.172
*	59 Phenanthrene-d10	188	15.091	15.090	(1.000)	320964	2.00000	
$	66 Terphenyl-d14	244	17.735	17.736	(0.914)	41676	0.50000	0.4759
	67 Butylbenzylphthalate	149	18.603	18.603	(0.958)	50795	0.50000	0.4639
*	69 Chrysene-d12	240	19.413	19.414	(1.000)	281495	2.00000	
*	77 Perylene-d12	264	21.568	21.568	(1.000)	255895	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.215	23.230	(1.076)	58832	0.50000	0.4950
	90 N-Nitrosodimethylamine	74	3.891	3.891	(0.494)	30684	0.50000	0.4884

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051105.d
Lab Smp Id: ABN 0.5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

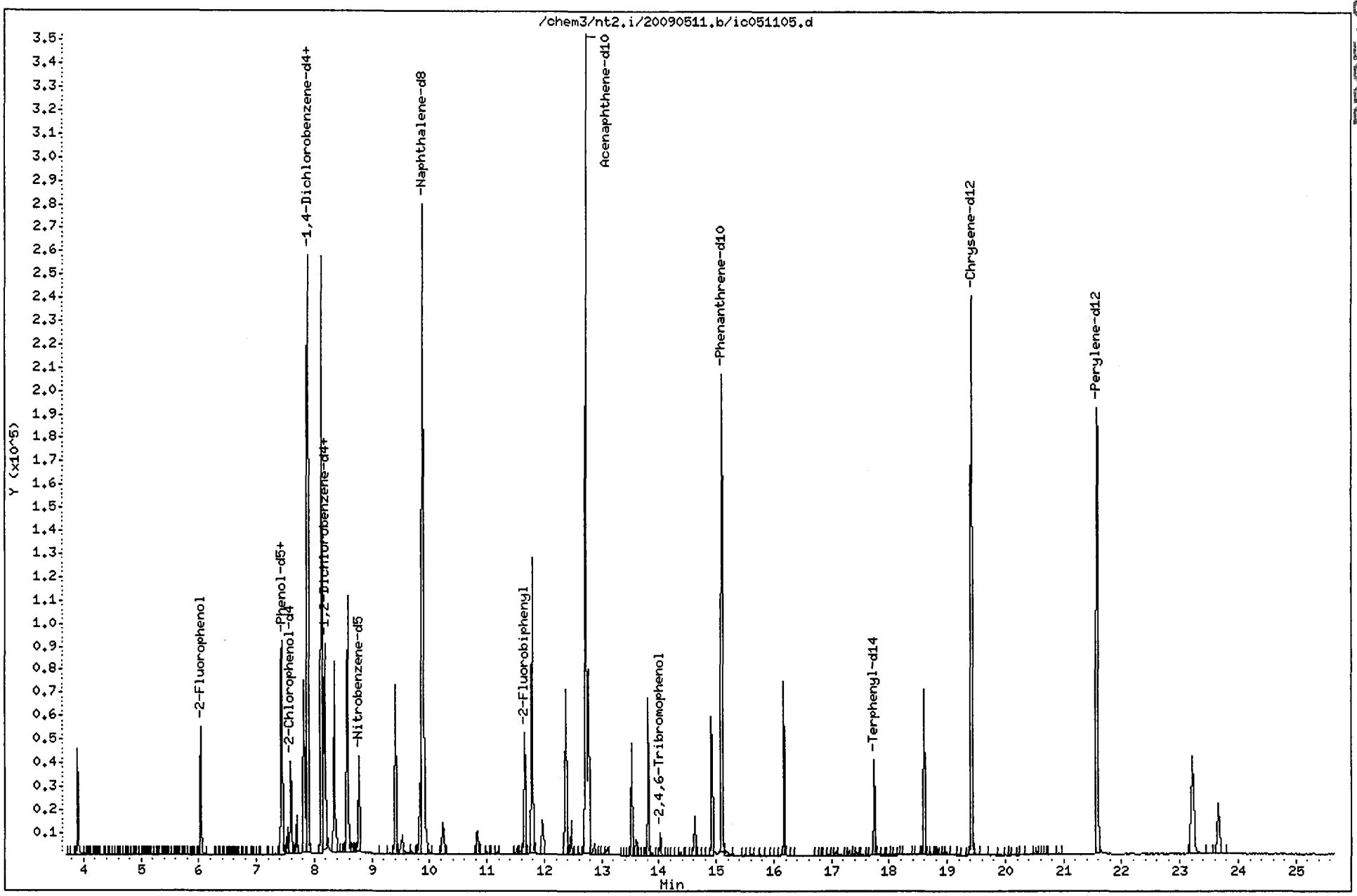
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	133094	11.11
27 Naphthalene-d8	372217	186108	744434	388129	4.27
42 Acenaphthene-d10	182713	91356	365426	197507	8.10
59 Phenanthrene-d10	286879	143440	573758	320964	11.88
69 Chrysene-d12	251912	125956	503824	281495	11.74
77 Perylene-d12	231524	115762	463048	255895	10.53

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	-0.01
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.02
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.01
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090511.b/ic051105.d
Date : 11-MAY-2009 14:32
Client ID:
Sample Info: ABN 0.5
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



PB51:09631

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051106.d
Lab Smp Id: ABN 1
Inj Date : 11-MAY-2009 15:06
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 1
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$ 1	2-Fluorophenol	112	6.027	6.036	(0.764)	85527	1.00000	1.013
$ 2	Phenol-d5	99	7.426	7.612	(0.942)	110560	1.00000	0.9889
3	Phenol	94	7.438	7.439	(0.943)	145607	1.00000	0.9765
$ 5	2-Chlorophenol-d4	132	7.588	7.624	(0.962)	75255	1.00000	1.002
7	1,3-Dichlorobenzene	146	7.815	7.816	(0.991)	101507	1.00000	1.016
* 8	1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	141330	2.00000	
9	1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	101401	1.00000	0.9792
$ 10	1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	53939	1.00000	1.005
11	Benzyl alcohol	79	8.127	8.127	(1.031)	468161	5.00000	4.909
12	1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	92859	1.00000	0.9958
13	2-Methylphenol	108	8.346	8.346	(1.059)	90144	1.00000	0.9996
15	4-Methylphenol	108	8.577	8.577	(1.088)	91180	1.00000	0.9889
16	N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	85014	1.00000	0.9857
$ 18	Nitrobenzene-d5	82	8.761	8.669	(0.887)	116010	1.00000	1.044

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.951)	107520	1.00000	1.069
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.996)	64056	1.00000	1.006
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	409195	2.00000	
	30 Hexachlorobutadiene	225	10.245	10.243	(1.037)	33071	1.00000	0.9978
$	36 2-Fluorobiphenyl	172	11.646	11.662	(0.916)	150000	1.00000	1.001
	39 Dimethylphthalate	163	12.372	12.371	(0.973)	161393	1.00000	1.027
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	210100	2.00000	
	50 Diethylphthalate	149	13.517	13.528	(1.063)	158145	1.00000	0.9874
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.915)	99297	1.00000	1.001
$	55 2,4,6-Tribromophenol	330	14.015	14.014	(0.929)	15729	1.00000	1.007
	57 Hexachlorobenzene	284	14.630	14.628	(0.969)	35612	1.00000	0.9857
	58 Pentachlorophenol	266	14.907	14.905	(0.988)	107229	5.00000	4.826
*	59 Phenanthrene-d10	188	15.091	15.090	(1.000)	330345	2.00000	
$	66 Terphenyl-d14	244	17.736	17.736	(0.914)	89266	1.00000	1.003
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	110331	1.00000	0.9918
*	69 Chrysene-d12	240	19.413	19.414	(1.000)	285999	2.00000	
*	77 Perylene-d12	264	21.567	21.568	(1.000)	270022	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.214	23.230	(1.076)	131052	1.00000	1.045
	90 N-Nitrosodimethylamine	74	3.890	3.891	(0.493)	66277	1.00000	0.9935

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051106.d
Lab Smp Id: ABN 1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

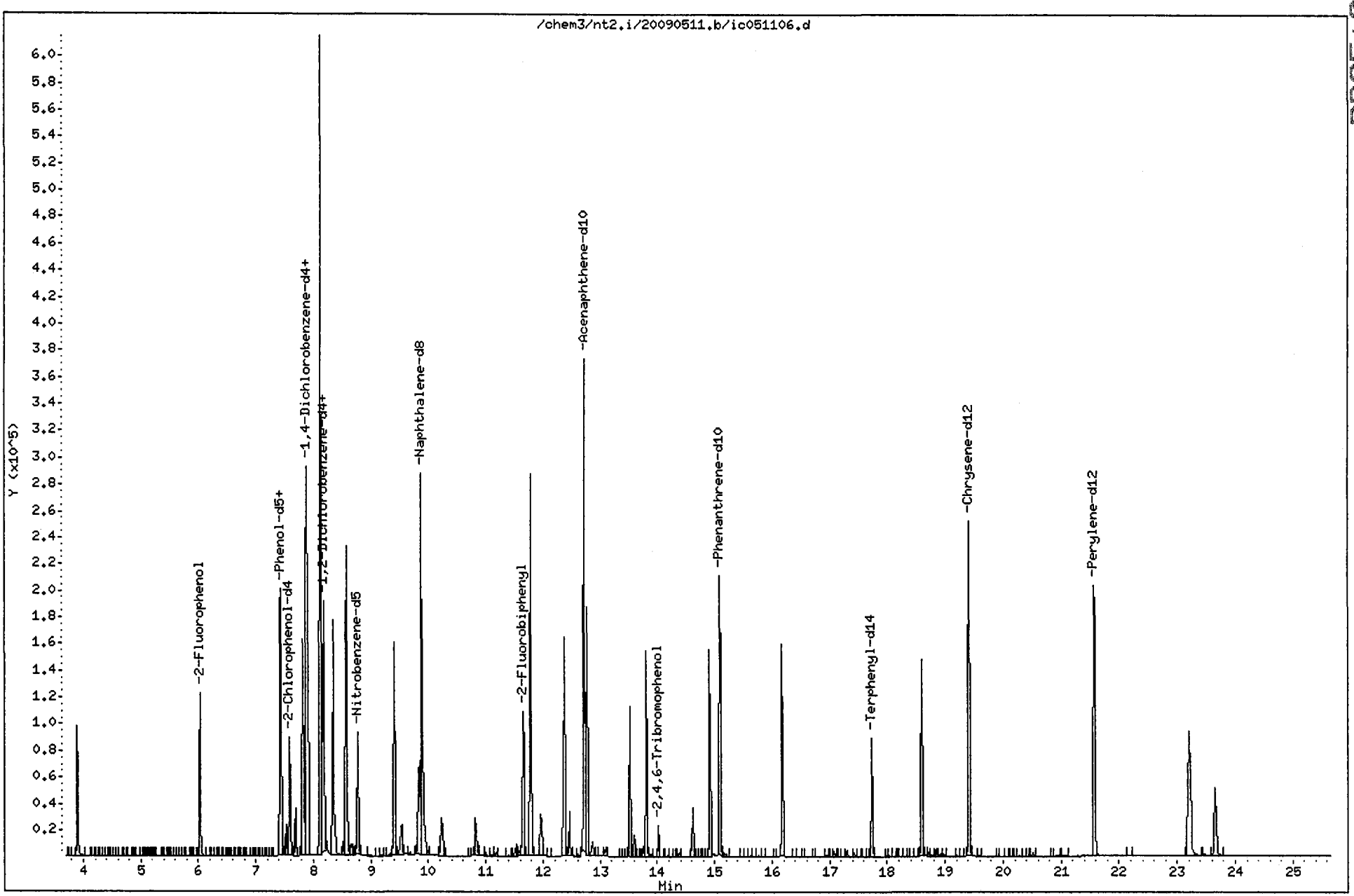
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	141330	17.99
27 Naphthalene-d8	372217	186108	744434	409195	9.93
42 Acenaphthene-d10	182713	91356	365426	210100	14.99
59 Phenanthrene-d10	286879	143440	573758	330345	15.15
69 Chrysene-d12	251912	125956	503824	285999	13.53
77 Perylene-d12	231524	115762	463048	270022	16.63

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.01
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.01
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090511.b/ic051106.d
Date : 11-MAY-2009 15:06
Client ID:
Sample Info: ABN 1
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051107.d
Lab Smp Id: ICV
Inj Date : 11-MAY-2009 15:40
Operator : VTS Inst ID: nt2.i
Smp Info : ICV
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	Compound Not Detected.					
$ 2	Phenol-d5	99	7.612	7.612	(0.965)	19704	0.18172	11.36(R)
3	Phenol	94	7.439	7.439	(0.943)	366066	2.53145	158.2
$ 5	2-Chlorophenol-d4	132	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	262002	2.70538	169.1
* 8	1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	137062	2.00000	
9	1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	272128	2.70977	169.4
$ 10	1,2-Dichlorobenzene-d4	152	Compound Not Detected.					
11	Benzyl alcohol	79	8.127	8.127	(1.031)	275445	2.97820	186.1
12	1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	242467	2.68118	167.6
13	2-Methylphenol	108	8.346	8.346	(1.058)	223662	2.55736	159.8
15	4-Methylphenol	108	8.577	8.577	(1.088)	226428	2.53225	158.3
16	N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	225345	2.69414	168.4
$ 18	Nitrobenzene-d5	82	Compound Not Detected.					

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	22	2,4-Dimethylphenol	107	9.398	9.398	(0.951)	257808	2.76075	172.5
	26	1,2,4-Trichlorobenzene	180	9.840	9.840	(0.996)	178586	3.02088	188.8
*	27	Naphthalene-d8	136	9.878	9.878	(1.000)	379995	2.00000	
	30	Hexachlorobutadiene	225	10.243	10.243	(1.037)	96616	3.13916	196.2
$	36	2-Fluorobiphenyl	172	Compound Not Detected.					
	39	Dimethylphthalate	163	12.371	12.371	(0.973)	423568	2.73889	171.2
*	42	Acenaphthene-d10	162	12.717	12.717	(1.000)	206756	2.00000	
	50	Diethylphthalate	149	13.528	13.528	(1.064)	447993	2.84228	177.6
	54	N-Nitrosodiphenylamine	169	13.805	13.805	(0.915)	195482	2.07609	129.8
$	55	2,4,6-Tribromophenol	330	Compound Not Detected.					
	57	Hexachlorobenzene	284	14.628	14.628	(0.969)	99074	2.88842	180.5
	58	Pentachlorophenol	266	14.905	14.905	(0.988)	55706	2.64075	165.0
*	59	Phenanthrene-d10	188	15.090	15.090	(1.000)	313632	2.00000	
$	66	Terphenyl-d14	244	Compound Not Detected.					
	67	Butylbenzylphthalate	149	18.603	18.603	(0.958)	328608	2.86770	179.2
*	69	Chrysene-d12	240	19.414	19.414	(1.000)	294587	2.00000	
*	77	Perylene-d12	264	21.568	21.568	(1.000)	271892	2.00000	
	79	Dibenzo(a,h)anthracene	278	23.230	23.230	(1.077)	400870	3.17426	198.4
	90	N-Nitrosodimethylamine	74	3.891	3.891	(0.493)	174051	2.69038	168.1

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051107.d
Lab Smp Id: ICV
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	137062	14.42
27 Naphthalene-d8	372217	186108	744434	379995	2.09
42 Acenaphthene-d10	182713	91356	365426	206756	13.16
59 Phenanthrene-d10	286879	143440	573758	313632	9.33
69 Chrysene-d12	251912	125956	503824	294587	16.94
77 Perylene-d12	231524	115762	463048	271892	17.44

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.00
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.00
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.00
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Client SDG: 20090511
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: ICV
Level: LOW Operator: VTS
Data Type: MS DATA SampleType: LCS
SpikeList File: wind.spk Quant Type: ISTD
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

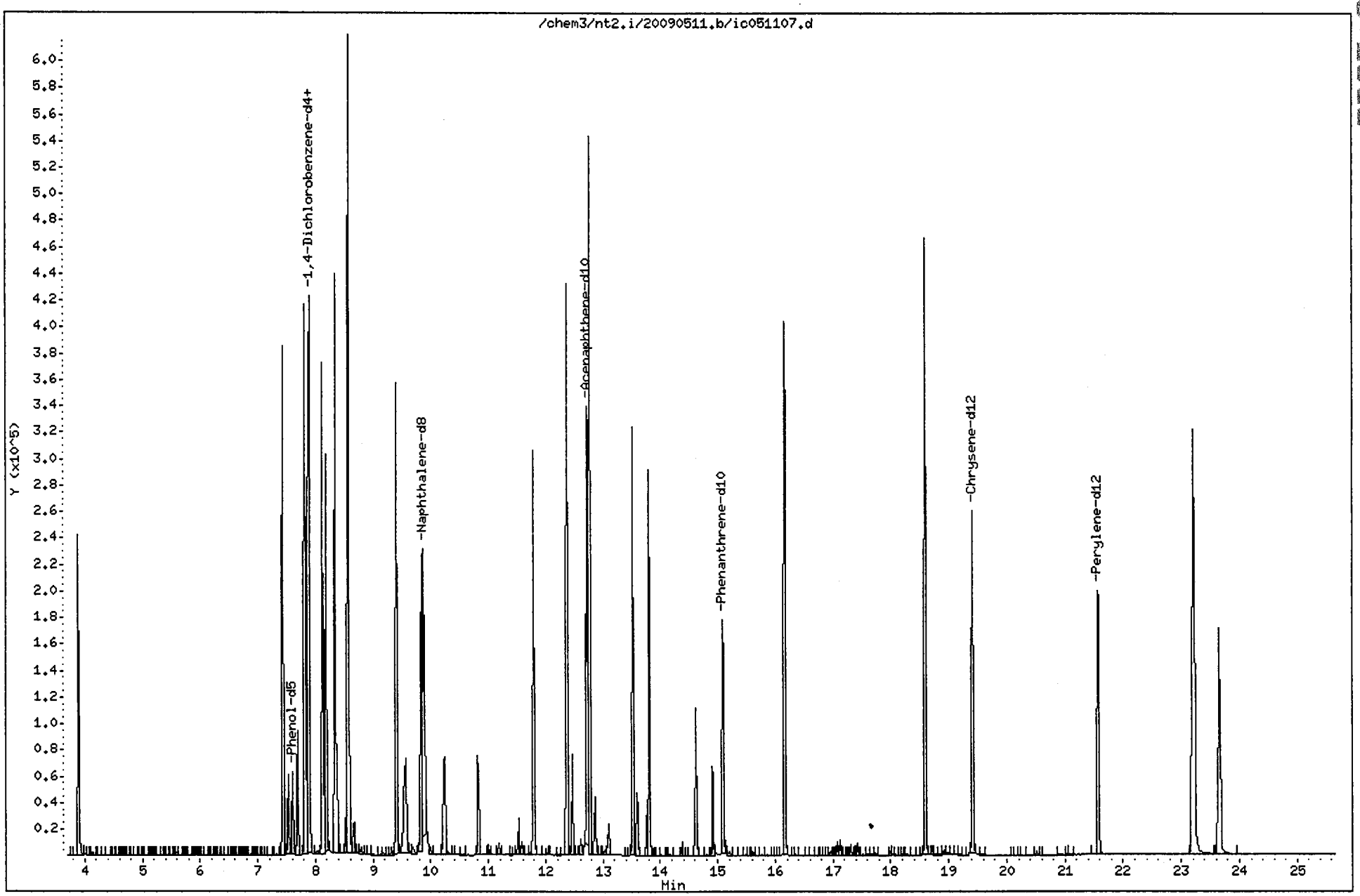
	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
3	Phenol	156.3	158.2	101.26	30-160
7	1,3-Dichlorobenzen	156.3	169.1	108.22	30-160
9	1,4-Dichlorobenzen	156.3	169.4	108.39	30-160
11	Benzyl alcohol	312.5	186.1	59.56	30-160
12	1,2-Dichlorobenzen	156.3	167.6	107.25	30-160
13	2-Methylphenol	156.3	159.8	102.29	30-160
15	4-Methylphenol	312.5	158.3	101.3 ~~50.65~~	30-160
16	N-Nitroso-di-n-pro	156.3	168.4	107.77	30-160
22	2,4-Dimethylphenol	156.3	172.5	110.43	30-160
26	1,2,4-Trichloroben	156.3	188.8	120.84	30-160
30	Hexachlorobutadien	156.3	196.2	125.57	30-160
50	Diethylphthalate	156.3	177.6	113.69	30-160
54	N-Nitrosodiphenyla	156.3	129.8	83.04	30-160
57	Hexachlorobenzene	156.3	180.5	115.54	30-160
58	Pentachlorophenol	156.3	165.0	105.63	30-160
67	Butylbenzylphthala	156.3	179.2	114.71	30-160
79	Dibenzo(a,h)anthra	156.3	198.4	126.97	30-160
90	N-Nitrosodimethyla	156.3	168.1	107.62	30-160

	SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	234.4	0.000	*	30-160
$ 2	Phenol-d5	234.4	11.36	4.85*	30-160
$ 5	2-Chlorophenol-d4	234.4	0.000	*	30-160
$ 10	1,2-Dichlorobenze	156.3	0.000	*	30-160
$ 18	Nitrobenzene-d5	156.3	0.000	*	30-160
$ 36	2-Fluorobiphenyl	156.3	0.000	*	30-160
$ 55	2,4,6-Tribromophe	234.4	0.000	*	30-160
$ 66	Terphenyl-d14	156.3	0.000	*	30-160

Data File: /chem3/nt2.i/20090511.b/ic051107.d
Date : 11-MAY-2009 15:40
Client ID:
Sample Info: ICV
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB35:66641



7B

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT2 Cont. Calib. Date: 06/13/09

Init. Calib. Date: 05/11/09 Cont. Calib. Time: 1042

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
Phenol	2.110	1.979	0.800	AVRG	-6.2
1,3-Dichlorobenzene	1.413	1.596	0.010	AVRG	13.0
1,4-Dichlorobenzene	1.465	1.427	0.010	AVRG	-2.6
1,2-Dichlorobenzene	1.320	1.383	0.010	AVRG	4.8
Benzyl alcohol	1.350	1.394	0.010	AVRG	3.2
2-Methylphenol	1.276	1.236	0.700	AVRG	-3.1
N-Nitroso-di-n-propylamine	1.220	1.254	0.500	AVRG	2.8
4-Methylphenol	1.305	1.233	0.600	AVRG	-5.5
2,4-Dimethylphenol	0.492	0.489	0.200	AVRG	-0.6
1,2,4-Trichlorobenzene	0.311	0.329	0.010	AVRG	5.8
Hexachlorobutadiene	0.162	0.161	0.010	AVRG	-0.6
Dimethylphthalate	1.496	1.516	0.010	AVRG	1.3
Diethylphthalate	1.525	1.591	0.010	AVRG	4.3
N-Nitrosodiphenylamine(1)	0.600	0.619	0.010	AVRG	3.2
Hexachlorobenzene	0.219	0.224	0.100	AVRG	2.3
Pentachlorophenol	0.134	0.134	0.050	AVRG	0.0
Butylbenzylphthalate	0.778	0.853	0.010	AVRG	9.6
Dibenzo(a,h)anthracene	0.929	1.034	0.400	AVRG	11.3
N-Nitrosodimethylamine	0.944	0.994	0.010	AVRG	5.3
2-Fluorophenol	1.195	1.105	0.010	AVRG	-7.5
Phenol-d5	1.582	1.490	0.010	AVRG	-5.8
2-Chlorophenol-d4	1.063	1.044	0.010	AVRG	-1.8
1,2-Dichlorobenzene-d4	0.760	0.801	0.010	AVRG	5.4
Nitrobenzene-d5	0.543	0.551	0.010	AVRG	1.5
2-Fluorobiphenyl	1.427	1.440	0.010	AVRG	0.9
2,4,6-Tribromophenol	0.095	0.100	0.010	AVRG	5.3
Terphenyl-d14	0.622	0.703	0.010	AVRG	13.0

(1) Cannot be separated from Diphenylamine

<- Exceeds QC limit of 20% D

* RF less than minimum RF

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090613.b/cc0613.d
Lab Smp Id: CC0613
Inj Date : 13-JUN-2009 10:42
Operator : VTS Inst ID: nt2.i
Smp Info : CC0613
Misc Info :
Comment :
Method : /chem3/nt2.i/20090613.b/SIMABN.m
Meth Date : 13-Jun-2009 11:32 van Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
$	1	2-Fluorophenol	112	5.714	5.714	(0.757)	141480	2.50000	2.313
$	2	Phenol-d5	99	7.133	7.133	(0.945)	190770	2.50000	2.355
	3	Phenol	94	7.145	7.145	(0.946)	253312	2.50000	2.345
$	5	2-Chlorophenol-d4	132	7.272	7.272	(0.963)	133573	2.50000	2.454
	7	1,3-Dichlorobenzene	146	7.498	7.498	(0.993)	204345	2.50000	2.824
*	8	1,4-Dichlorobenzene-d4	152	7.550	7.550	(1.000)	102394	2.00000	
	9	1,4-Dichlorobenzene	146	7.568	7.568	(1.002)	182702	2.50000	2.435
$	10	1,2-Dichlorobenzene-d4	152	7.844	7.844	(1.039)	102538	2.50000	2.636
	11	Benzyl alcohol	79	7.810	7.810	(1.034)	892423	12.5000	12.92
	12	1,2-Dichlorobenzene	146	7.862	7.862	(1.041)	177075	2.50000	2.621
	13	2-Methylphenol	108	8.046	8.046	(1.066)	158273	2.50000	2.422
	15	4-Methylphenol	108	8.277	8.277	(1.096)	157820	2.50000	2.363
	16	N-Nitroso-di-n-propylamine	70	8.261	8.261	(1.094)	160561	2.50000	2.570
$	18	Nitrobenzene-d5	82	8.446	8.446	(0.885)	220285	2.50000	2.538
	22	2,4-Dimethylphenol	107	9.081	9.081	(0.952)	195665	2.50000	2.490
	26	1,2,4-Trichlorobenzene	180	9.485	9.485	(0.994)	131700	2.50000	2.647
*	27	Naphthalene-d8	136	9.542	9.542	(1.000)	319796	2.00000	
	30	Hexachlorobutadiene	225	9.888	9.888	(1.036)	64494	2.50000	2.490
$	36	2-Fluorobiphenyl	172	11.320	11.320	(0.915)	302367	2.50000	2.523
	39	Dimethylphthalate	163	12.047	12.047	(0.973)	318315	2.50000	2.534
*	42	Acenaphthene-d10	162	12.376	12.376	(1.000)	167970	2.00000	
	50	Diethylphthalate	149	13.192	13.192	(1.066)	334077	2.50000	2.609
	54	N-Nitrosodiphenylamine	169	13.470	13.470	(0.914)	210225	2.50000	2.576
$	55	2,4,6-Tribromophenol	330	13.667	13.667	(0.927)	33819	2.50000	2.632
	57	Hexachlorobenzene	284	14.275	14.275	(0.969)	75974	2.50000	2.555
	58	Pentachlorophenol	266	14.567	14.567	(0.988)	228351	12.5000	12.49

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
* 59 Phenanthrene-d10	188	14.736	14.736	(1.000)	271842	2.00000	
$ 66 Terphenyl-d14	244	17.382	17.382	(0.913)	186252	2.50000	2.825
67 Butylbenzylphthalate	149	18.249	18.249	(0.959)	225980	2.50000	2.741
* 69 Chrysene-d12	240	19.036	19.036	(1.000)	211966	2.00000	
* 77 Perylene-d12	264	21.175	21.175	(1.000)	169442	2.00000	
79 Dibenzo(a,h)anthracene	278	22.683	22.683	(1.071)	219095	2.50000	2.784
90 N-Nitrosodimethylamine	74	3.500	3.500	(0.464)	127212	2.50000	2.632

VS
6.13.2009

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: cc0613.d
Lab Smp Id: CC0613
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info:

Calibration Date: 13-JUN-2009
Calibration Time: 09:41

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	102394	-14.52
27 Naphthalene-d8	372217	186108	744434	319796	-14.08
42 Acenaphthene-d10	182713	91356	365426	167970	-8.07
59 Phenanthrene-d10	286879	143440	573758	271842	-5.24
69 Chrysene-d12	251912	125956	503824	211966	-15.86
77 Perylene-d12	231524	115762	463048	169442	-26.81

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.55	7.05	8.05	7.55	0.00
27 Naphthalene-d8	9.54	9.04	10.04	9.54	0.00
42 Acenaphthene-d10	12.38	11.88	12.88	12.38	0.00
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	0.00
69 Chrysene-d12	19.04	18.54	19.54	19.04	0.00
77 Perylene-d12	21.18	20.68	21.68	21.18	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt2.i Injection Date: 13-JUN-2009 10:42
Lab File ID: cc0613.d Init. Cal. Date(s): 11-MAY-2009 11-MAY-2009
Analysis Type: Init. Cal. Times: 12:17 15:06
Lab Sample ID: CC0613 Quant Type: ISTD
Method: /chem3/nt2.i/20090613.b/SIMABN.m

COMPOUND	RRF / AMOUNT	RF2	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.19489	1.10537	0.010	-7.49164	20.00000	Averaged
$ 2 Phenol-d5	1.58220	1.49047	0.010	-5.79743	20.00000	Averaged
3 Phenol	2.11010	1.97911	0.010	-6.20811	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.06328	1.04360	0.010	-1.85098	20.00000	Averaged
7 1,3-Dichlorobenzene	1.41315	1.59653	0.010	12.97645	20.00000	Averaged
9 1,4-Dichlorobenzene	1.46539	1.42744	0.010	-2.58975	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.75984	0.80113	0.010	5.43374	20.00000	Averaged
11 Benzyl alcohol	1.34957	1.39449	0.010	3.32838	20.00000	Averaged
12 1,2-Dichlorobenzene	1.31959	1.38348	0.010	4.84134	20.00000	Averaged
13 2-Methylphenol	1.27618	1.23657	0.010	-3.10360	20.00000	Averaged
15 4-Methylphenol	1.30478	1.23304	0.010	-5.49834	20.00000	Averaged
16 N-Nitroso-di-n-propylamine	1.22051	1.25445	0.050	2.78117	20.00000	Averaged
$ 18 Nitrobenzene-d5	0.54291	0.55106	0.010	1.50152	20.00000	Averaged
22 2,4-Dimethylphenol	0.49150	0.48948	0.010	-0.41135	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.31115	0.32946	0.010	5.88609	20.00000	Averaged
30 Hexachlorobutadiene	0.16199	0.16134	0.010	-0.40171	20.00000	Averaged
$ 36 2-Fluorobiphenyl	1.42681	1.44010	0.010	0.93094	20.00000	Averaged
39 Dimethylphthalate	1.49596	1.51605	0.010	1.34296	20.00000	Averaged
50 Diethylphthalate	1.52467	1.59112	0.010	4.35834	20.00000	Averaged
54 N-Nitrosodiphenylamine	0.60044	0.61867	0.010	3.03599	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.09454	0.09953	0.010	5.27246	20.00000	Averaged
57 Hexachlorobenzene	0.21873	0.22358	0.010	2.21916	20.00000	Averaged
58 Pentachlorophenol	0.13452	0.13440	0.005	-0.08693	20.00000	Averaged
$ 66 Terphenyl-d14	0.62214	0.70295	0.010	12.98863	20.00000	Averaged
67 Butylbenzylphthalate	0.77797	0.85289	0.010	9.63077	20.00000	Averaged
79 Dibenzo(a,h)anthracene	0.92895	1.03443	0.010	11.35435	20.00000	Averaged
90 N-Nitrosodimethylamine	0.94401	0.99390	0.010	5.28521	20.00000	Averaged

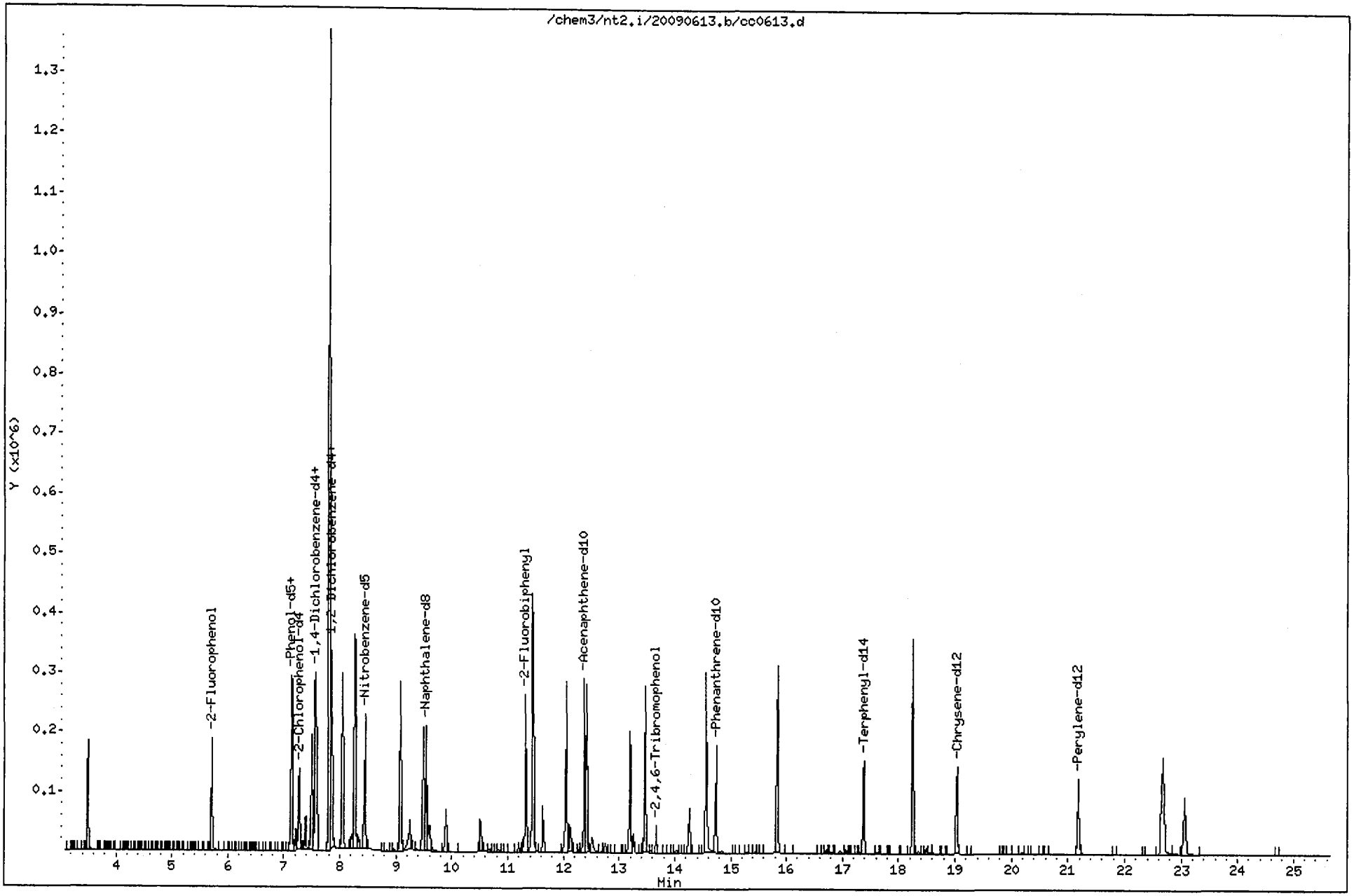
Data File: /chem3/nt2.i/20090613.b/cc0613.d
Date : 13-JUN-2009 10:42
Client ID:
Sample Info: CC0613

Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB35:66617



7B

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB35 Project: JELD-WEN NORD DOOR

Instrument ID: NT2 Cont. Calib. Date: 06/15/09

Init. Calib. Date: 05/11/09 Cont. Calib. Time: 1215

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
Phenol	2.110	1.981	0.800	AVRG	-6.1
1,3-Dichlorobenzene	1.413	1.454	0.010	AVRG	2.9
1,4-Dichlorobenzene	1.465	1.427	0.010	AVRG	-2.6
1,2-Dichlorobenzene	1.320	1.429	0.010	AVRG	8.2
Benzyl alcohol	1.350	1.203	0.010	AVRG	-10.9
2-Methylphenol	1.276	1.336	0.700	AVRG	4.7
N-Nitroso-di-n-propylamine	1.220	1.291	0.500	AVRG	5.8
4-Methylphenol	1.305	1.308	0.600	AVRG	0.2
2,4-Dimethylphenol	0.492	0.536	0.200	AVRG	8.9
1,2,4-Trichlorobenzene	0.311	0.354	0.010	AVRG	13.8
Hexachlorobutadiene	0.162	0.181	0.010	AVRG	11.7
Dimethylphthalate	1.496	1.524	0.010	AVRG	1.9
Diethylphthalate	1.525	1.625	0.010	AVRG	6.6
N-Nitrosodiphenylamine(1)	0.600	0.600	0.010	AVRG	0.0
Hexachlorobenzene	0.219	0.215	0.100	AVRG	-1.8
Pentachlorophenol	0.134	0.141	0.050	AVRG	5.2
Butylbenzylphthalate	0.778	0.781	0.010	AVRG	0.4
Dibenzo(a,h)anthracene	0.929	0.880	0.400	AVRG	-5.3
N-Nitrosodimethylamine	0.944	1.031	0.010	AVRG	9.2
2-Fluorophenol	1.195	1.228	0.010	AVRG	2.8
Phenol-d5	1.582	1.650	0.010	AVRG	4.3
2-Chlorophenol-d4	1.063	1.119	0.010	AVRG	5.3
1,2-Dichlorobenzene-d4	0.760	0.825	0.010	AVRG	8.6
Nitrobenzene-d5	0.543	0.578	0.010	AVRG	6.4
2-Fluorobiphenyl	1.427	1.504	0.010	AVRG	5.4
2,4,6-Tribromophenol	0.095	0.096	0.010	AVRG	1.0
Terphenyl-d14	0.622	0.669	0.010	AVRG	7.6

(1) Cannot be separated from Diphenylamine

<- Exceeds QC limit of 20% D

* RF less than minimum RF

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt2.i Injection Date: 15-JUN-2009 12:15
Lab File ID: cc0615.d Init. Cal. Date(s): 11-MAY-2009 11-MAY-2009
Analysis Type: SOIL Init. Cal. Times: 12:17 15:06
Lab Sample ID: ABN 2.5 Quant Type: ISTD
Method: /chem3/nt2.i/20090615.b/SIMABN.m

COMPOUND	RRF / AMOUNT	RF2	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.19489	1.22854	0.010	2.81574	20.00000	Averaged
$ 2 Phenol-d5	1.58220	1.64991	0.010	4.27932	20.00000	Averaged
3 Phenol	2.11010	1.98079	0.010	-6.12816	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.06328	1.11905	0.010	5.24504	20.00000	Averaged
7 1,3-Dichlorobenzene	1.41315	1.45398	0.010	2.88923	20.00000	Averaged
9 1,4-Dichlorobenzene	1.46539	1.42746	0.010	-2.58823	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.75984	0.82525	0.010	8.60819	20.00000	Averaged
11 Benzyl alcohol	1.34957	1.20323	0.010	-10.84291	20.00000	Averaged
12 1,2-Dichlorobenzene	1.31959	1.42885	0.010	8.27998	20.00000	Averaged
13 2-Methylphenol	1.27618	1.33614	0.010	4.69842	20.00000	Averaged
15 4-Methylphenol	1.30478	1.30835	0.010	0.27353	20.00000	Averaged
16 N-Nitroso-di-n-propylamine	1.22051	1.29098	0.050	5.77434	20.00000	Averaged
$ 18 Nitrobenzene-d5	0.54291	0.57787	0.010	6.43882	20.00000	Averaged
22 2,4-Dimethylphenol	0.49150	0.53637	0.010	9.13055	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.31115	0.35410	0.010	13.80407	20.00000	Averaged
30 Hexachlorobutadiene	0.16199	0.18099	0.010	11.72858	20.00000	Averaged
$ 36 2-Fluorobiphenyl	1.42681	1.50398	0.010	5.40844	20.00000	Averaged
39 Dimethylphthalate	1.49596	1.52409	0.010	1.88021	20.00000	Averaged
50 Diethylphthalate	1.52467	1.62547	0.010	6.61111	20.00000	Averaged
54 N-Nitrosodiphenylamine	0.60044	0.60029	0.010	-0.02512	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.09454	0.09621	0.010	1.76532	20.00000	Averaged
57 Hexachlorobenzene	0.21873	0.21541	0.010	-1.51604	20.00000	Averaged
58 Pentachlorophenol	0.13452	0.14069	0.005	4.58679	20.00000	Averaged
$ 66 Terphenyl-d14	0.62214	0.66879	0.010	7.49820	20.00000	Averaged
67 Butylbenzylphthalate	0.77797	0.78093	0.010	0.38147	20.00000	Averaged
79 Dibenzo(a,h)anthracene	0.92895	0.88012	0.010	-5.25690	20.00000	Averaged
90 N-Nitrosodimethylamine	0.94401	1.03092	0.010	9.20638	20.00000	Averaged

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090615.b/cc0615.d
Lab Smp Id: ABN 2.5
Inj Date : 15-JUN-2009 12:15
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 2.5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090615.b/SIMABN.m
Meth Date : 15-Jun-2009 13:35 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1	2-Fluorophenol	112	5.639	5.639	(0.755)	196273	2.50000	2.570
$	2	Phenol-d5	99	7.054	7.054	(0.945)	263592	2.50000	2.607
	3	Phenol	94	7.077	7.077	(0.948)	316456	2.50000	2.347
$	5	2-Chlorophenol-d4	132	7.192	7.192	(0.963)	178782	2.50000	2.631
	7	1,3-Dichlorobenzene	146	7.415	7.415	(0.993)	232291	2.50000	2.572
*	8	1,4-Dichlorobenzene-d4	152	7.467	7.467	(1.000)	127809	2.00000	
	9	1,4-Dichlorobenzene	146	7.484	7.484	(1.002)	228054	2.50000	2.435
$	10	1,2-Dichlorobenzene-d4	152	7.761	7.761	(1.039)	131843	2.50000	2.715
	11	Benzyl alcohol	79	7.727	7.727	(1.035)	961158	12.5000	11.14
	12	1,2-Dichlorobenzene	146	7.779	7.779	(1.042)	228276	2.50000	2.707
	13	2-Methylphenol	108	7.976	7.976	(1.068)	213465	2.50000	2.617
	15	4-Methylphenol	108	8.191	8.191	(1.097)	209024	2.50000	2.507
	16	N-Nitroso-di-n-propylamine	70	8.191	8.191	(1.097)	206250	2.50000	2.644
$	18	Nitrobenzene-d5	82	8.361	8.361	(0.884)	278876	2.50000	2.661
	22	2,4-Dimethylphenol	107	9.002	9.002	(0.951)	258850	2.50000	2.728

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	26 1,2,4-Trichlorobenzene	180	9.405	9.405	(0.994)	170885	2.50000	2.845
*	27 Naphthalene-d8	136	9.463	9.463	(1.000)	386074	2.00000	
	30 Hexachlorobutadiene	225	9.808	9.808	(1.037)	87344	2.50000	2.793
$	36 2-Fluorobiphenyl	172	11.241	11.241	(0.914)	373224	2.50000	2.635
	39 Dimethylphthalate	163	11.967	11.967	(0.973)	378213	2.50000	2.547
*	42 Acenaphthene-d10	162	12.296	12.296	(1.000)	198525	2.00000	
	50 Diethylphthalate	149	13.109	13.109	(1.066)	403372	2.50000	2.665
	54 N-Nitrosodiphenylamine	169	13.387	13.387	(0.914)	253297	2.50000	2.499
$	55 2,4,6-Tribromophenol	330	13.572	13.572	(0.927)	40596	2.50000	2.544
	57 Hexachlorobenzene	284	14.183	14.183	(0.968)	90895	2.50000	2.462
	58 Pentachlorophenol	266	14.475	14.475	(0.988)	296825	12.5000	13.07
*	59 Phenanthrene-d10	188	14.645	14.645	(1.000)	337566	2.00000	
$	66 Terphenyl-d14	244	17.285	17.285	(0.913)	239086	2.50000	2.687
	67 Butylbenzylphthalate	149	18.164	18.164	(0.960)	279176	2.50000	2.510
*	69 Chrysene-d12	240	18.929	18.929	(1.000)	285992	2.00000	
*	77 Perylene-d12	264	21.084	21.084	(1.000)	233429	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.561	22.561	(1.070)	256807	2.50000	2.369
	90 N-Nitrosodimethylamine	74	3.408	3.408	(0.456)	164702	2.50000	2.730

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: cc0615.d
Lab Smp Id: ABN 2.5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090615.b/SIMABN.m
Misc Info:

Calibration Date: 15-JUN-2009
Calibration Time: 11:41

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	127809	6.70
27 Naphthalene-d8	372217	186108	744434	386074	3.72
42 Acenaphthene-d10	182713	91356	365426	198525	8.65
59 Phenanthrene-d10	286879	143440	573758	337566	17.67
69 Chrysene-d12	251912	125956	503824	285992	13.53
77 Perylene-d12	231524	115762	463048	233429	0.82

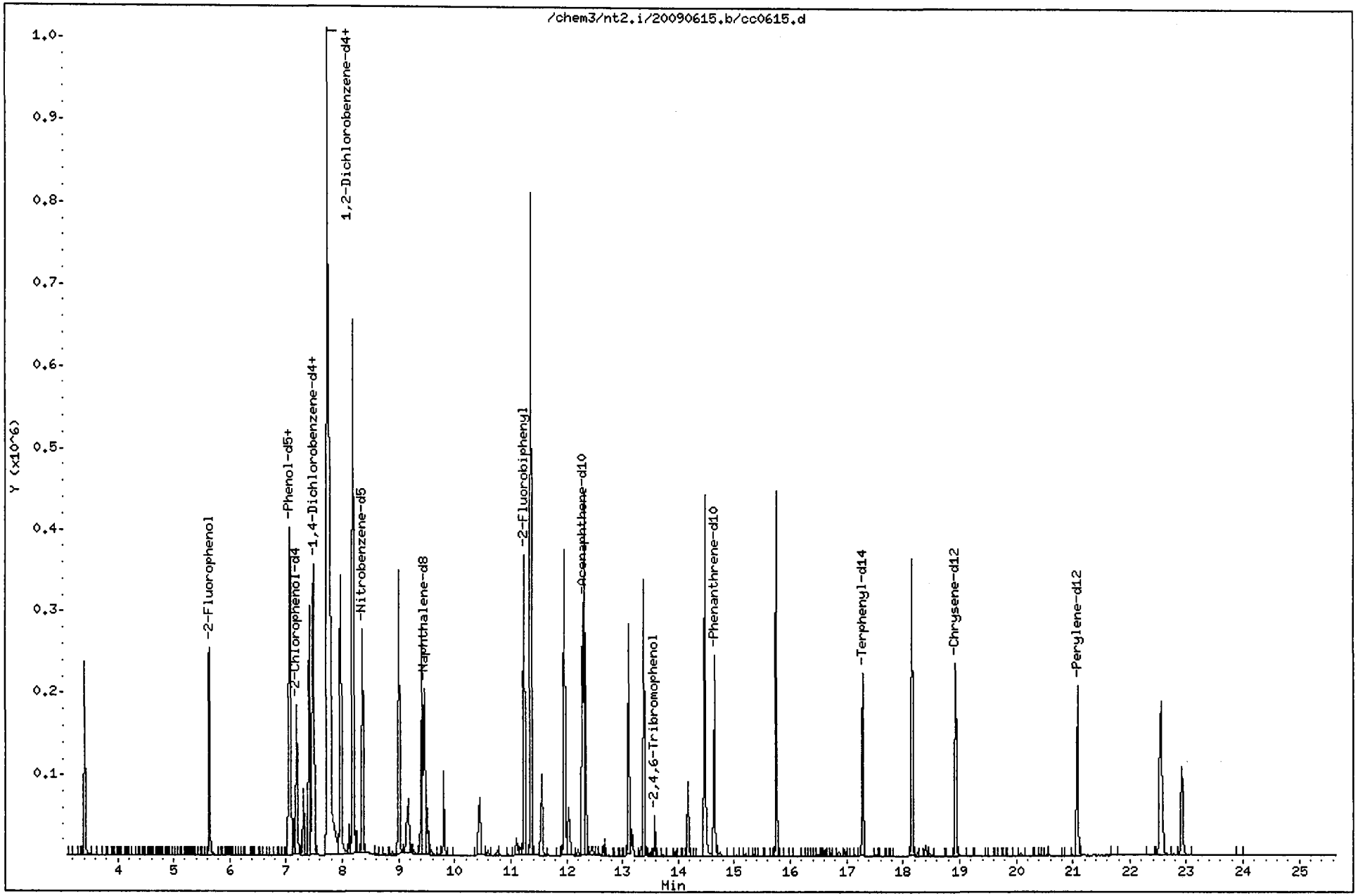
COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.47	6.97	7.97	7.47	0.00
27 Naphthalene-d8	9.46	8.96	9.96	9.46	0.00
42 Acenaphthene-d10	12.30	11.80	12.80	12.30	0.00
59 Phenanthrene-d10	14.64	14.14	15.14	14.64	0.00
69 Chrysene-d12	18.93	18.43	19.43	18.93	0.00
77 Perylene-d12	21.08	20.58	21.58	21.08	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090615.b/cc0615.d
Date : 15-JUN-2009 12:15
Client ID:
Sample Info: ABN 2.5
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



SIM Semivolatile Analysis
QC Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

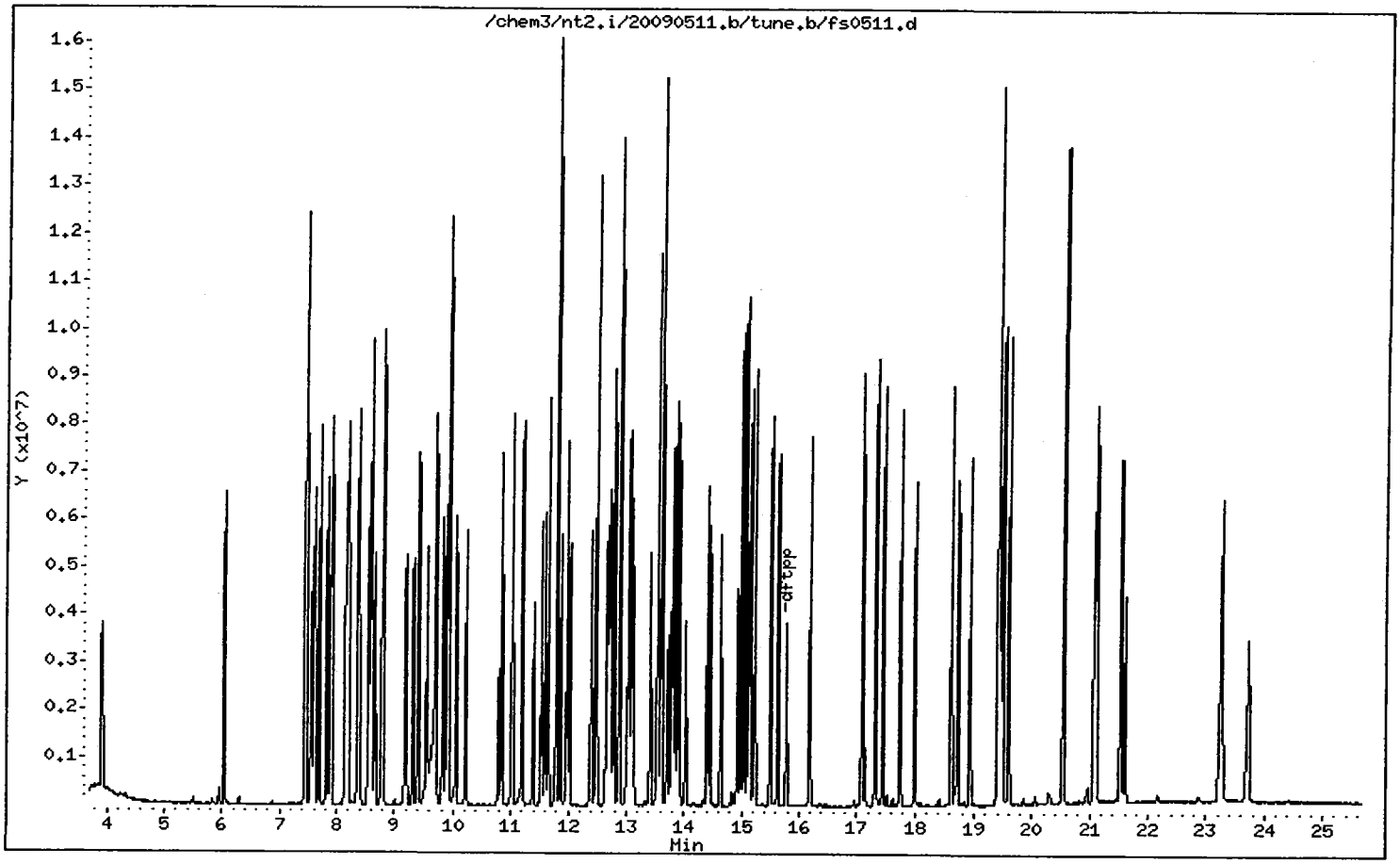
Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25



Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

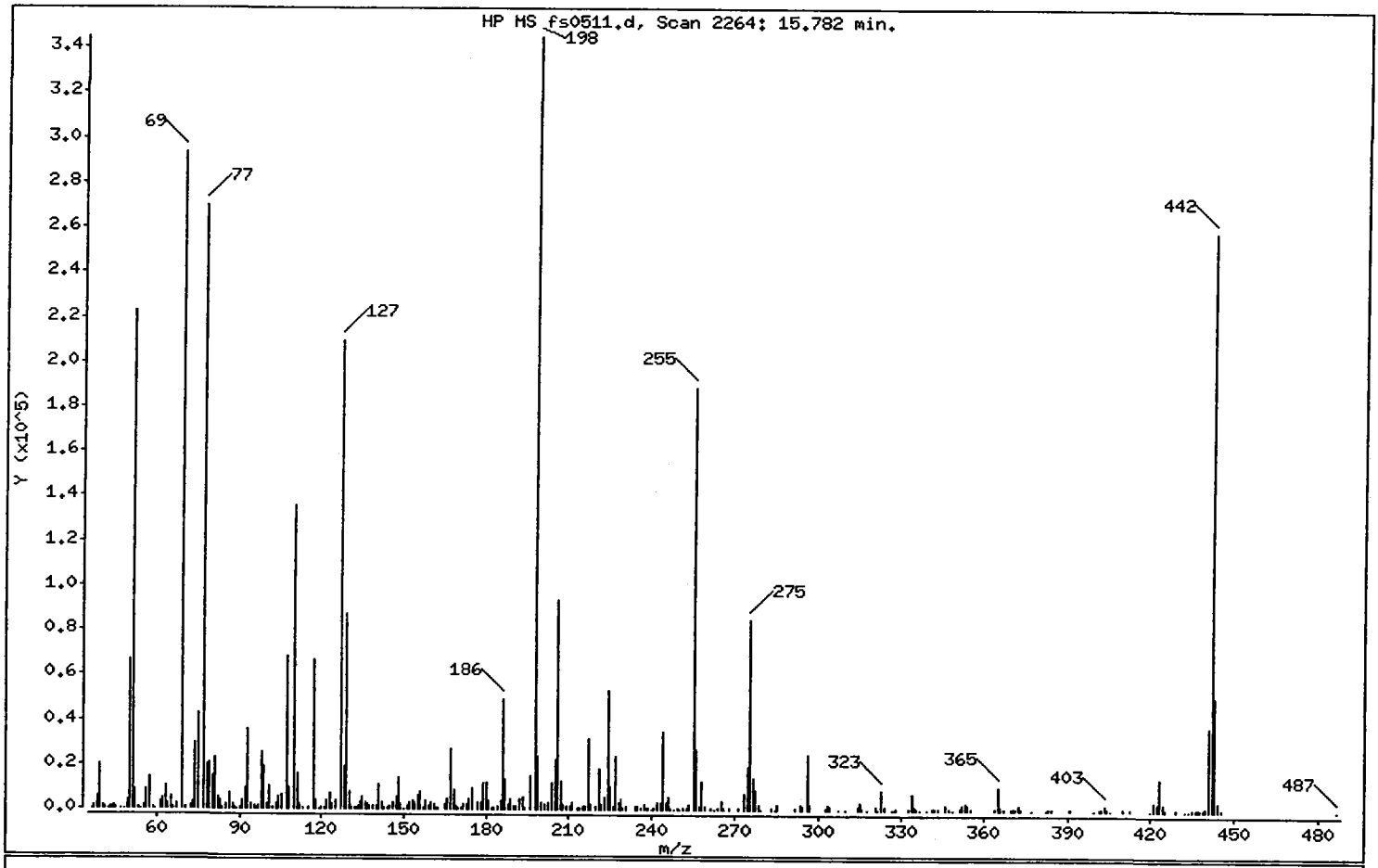
Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	64.58
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	85.08
70	Less than 2.00% of mass 69	0.17 (0.20)
127	25.00 - 75.00% of mass 198	60.74
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.82
275	10.00 - 30.00% of mass 198	24.57
365	Greater than 0.75% of mass 198	3.03
441	Present, but less than mass 443	10.81
442	40.00 - 110.00% of mass 198	74.90
443	15.00 - 24.00% of mass 442	14.66 (19.57)

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0511.d
Spectrum: HP MS fs0511.d, Scan 2264: 15.782 min.
Location of Maximum: 198.00
Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.90	242	121.10	553	202.90	3201	306.90	230
36.40	352	122.00	4019	204.10	11881	310.00	393
37.10	1858	123.00	6946	205.00	21960	314.20	1504
38.00	5783	124.00	2194	206.10	93448	315.00	2812
39.10	19680	125.00	4011	207.00	12521	316.00	684
40.00	1583	127.10	209536	207.90	2292	317.90	304
41.00	1187	128.00	19352	208.90	1202	320.90	1406
42.20	259	129.10	87392	210.30	1892	321.90	323
42.70	725	130.10	7806	211.00	3361	323.10	8511
43.20	425	131.00	1157	213.20	645	324.10	1709
44.20	1266	132.00	742	213.90	488	326.80	375
45.00	594	133.20	815	215.10	1681	327.40	270
46.90	357	133.70	1525	215.90	1368	328.10	629
48.20	306	134.30	3102	217.00	31456	332.70	812
49.10	3623	135.10	5870	218.00	2130	334.00	6757
50.10	66736	136.20	2885	220.00	1308	334.90	1278
51.10	222784	137.10	2508	221.10	18208	335.70	758
52.00	8783	137.80	1323	221.90	2747	337.00	356
53.10	1059	139.00	1942	223.00	5668	339.70	300
54.20	394	140.20	1802	224.10	53440	341.20	532
55.20	1861	141.10	10708	224.90	10055	341.80	605
56.00	8652	142.10	3304	226.00	1917	343.20	473
57.10	14587	143.00	1002	227.10	23504	345.90	2675
58.30	952	144.10	715	228.00	3170	347.10	555
59.00	384	144.90	1312	229.00	5011	348.50	254
61.00	3229	146.00	3225	229.90	424	351.00	477
62.00	4706	147.10	5754	231.10	1547	352.00	2426
63.00	10162	148.00	14243	234.00	1789	353.00	3168
64.10	2231	149.00	2575	235.00	1817	354.00	2298
65.10	5657	149.90	252	236.00	984	355.10	549
66.10	496	151.10	1611	237.20	2278	364.10	1078
67.10	2408	151.90	3027	238.40	498	365.00	10441
69.00	293504	153.00	3988	239.10	704	366.00	1307
70.60	595	154.00	2990	239.80	329	366.80	402
72.50	1340	155.10	6251	241.00	793	369.70	572

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0511.d

Spectrum: HP MS fs0511.d, Scan 2264: 15.782 min.

Location of Maximum: 198.00

Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.20	3309	156.10	8249	242.00	3325	370.60	501
74.00	29480	157.00	881	243.10	2867	371.00	742
75.00	42800	157.90	3733	244.00	34672	372.20	2723
77.10	269376	159.00	1922	245.10	3337	372.90	1094
78.00	20152	160.00	2860	246.10	5823	377.00	233
79.00	20832	161.00	2602	246.90	1150	382.50	274
80.00	15055	162.10	778	248.30	211	383.00	797
81.00	22800	162.80	1166	249.10	971	384.00	485
82.10	5194	165.00	2653	249.80	346	391.00	519
83.10	3707	166.00	4432	251.20	576	399.60	262
83.80	704	167.00	26640	251.60	448	401.10	437
85.10	2690	168.10	9100	252.60	595	401.90	515
86.00	7062	169.00	1776	253.40	2034	403.00	2570
87.20	2143	169.90	402	255.00	188928	403.80	446
87.90	783	171.00	613	256.00	26624	405.00	209
89.10	355	171.80	2535	257.20	1607	409.70	424
90.20	743	173.00	2547	258.00	12406	412.50	444
91.00	4234	174.00	5047	259.10	1855	419.70	299
92.10	9310	175.10	9293	261.10	561	421.00	4053
93.00	35680	177.10	3415	262.80	261	422.10	2941
93.90	2242	178.00	2858	263.80	470	423.00	14019
95.10	1543	179.00	12009	265.00	3931	424.10	2915
95.90	1102	180.10	11734	265.90	1007	425.10	567
96.80	1266	181.10	4010	267.80	810	429.20	520
98.00	25328	182.10	645	271.10	609	432.20	374
99.00	19152	182.70	779	273.00	7034	433.60	333
100.10	2235	184.10	1233	274.00	19304	435.00	903
101.00	10399	185.30	4308	275.00	84752	436.10	597
101.80	944	186.00	49320	276.00	14307	436.60	473
103.20	2351	187.10	13363	277.10	8742	437.40	743
104.00	5600	188.10	2534	278.00	2304	437.60	735
105.10	6596	189.00	4808	279.10	317	438.70	1007
107.10	68416	189.90	1292	283.00	990	439.60	1363
108.10	9502	190.80	1475	284.10	311	441.00	37280
110.00	136000	191.00	1404	285.00	2358	442.10	258368

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0511.d
Spectrum: HP MS fs0511.d, Scan 2264: 15.782 min.
Location of Maximum: 198.00
Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.10	16060	192.00	5118	291.20	566	443.00	50560
112.10	2251	193.10	5630	293.10	2154	444.10	4069
112.90	944	194.00	1035	294.00	1373	445.10	745
115.20	439	196.00	14839	296.00	24712	487.10	235
117.00	66424	198.00	344960	297.00	2289		
118.00	4143	199.00	23528	302.50	979		
118.80	369	200.10	2820	303.00	2399		
120.00	515	201.40	2046	304.00	1871		

Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt2.i/20090511.b/ddt.b/fs0511.d ARI ID:
Method: /chem3/nt2.i/20090511.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 11-MAY-2009 11:13 Instrument: nt2.i

COMPOUND	RT	AREA
Pentachlorophenol	14.938	657375
Benzidine	17.326	1322709
4,4'-DDE	----	----
4,4'-DDD	----	----
4,4'-DDT	18.725	1633024

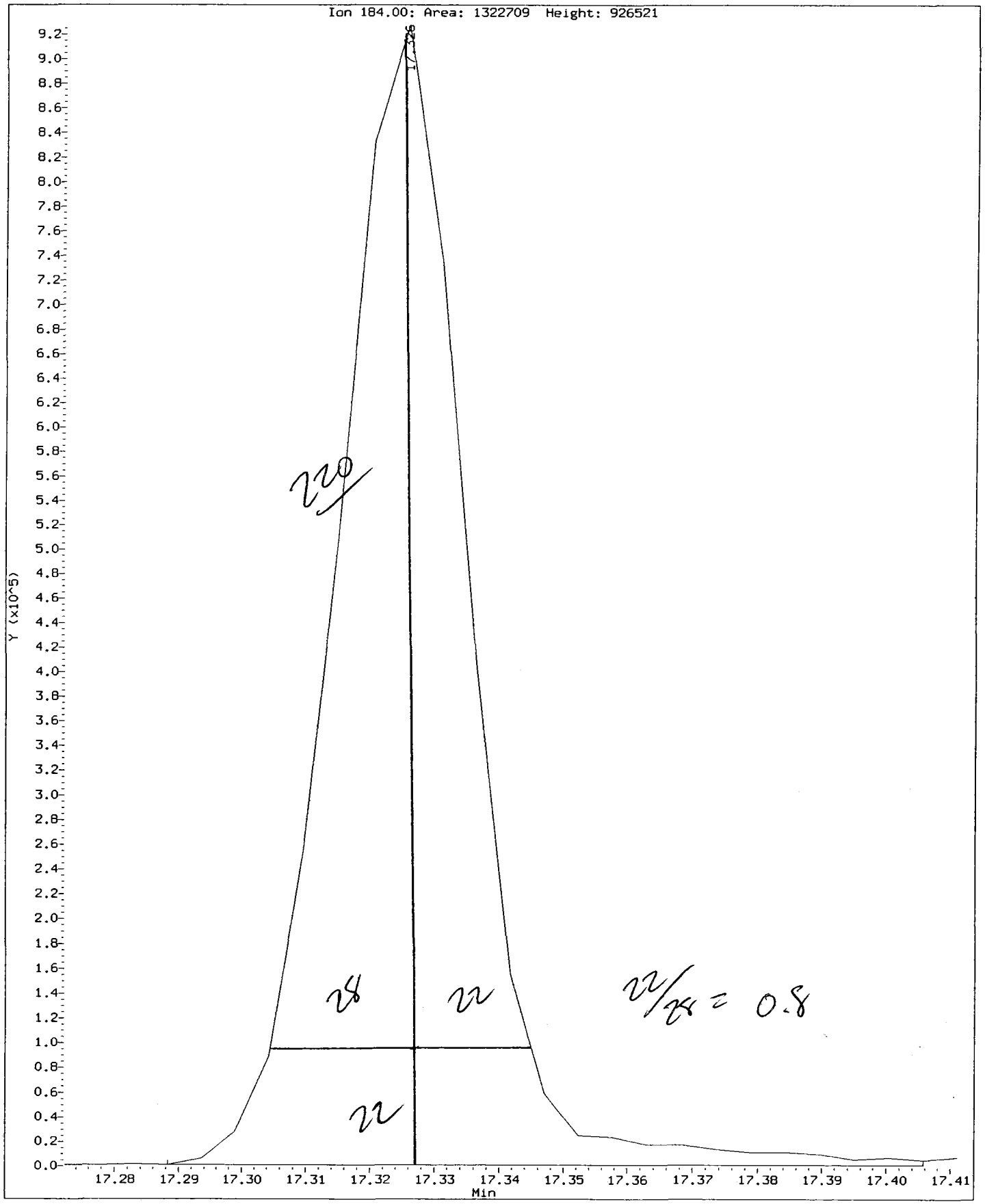
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(\ 0 + 0) * 100}{(\ 0 + 0 + 1633024)}$$

DDT Percent Breakdown = 0.0 %

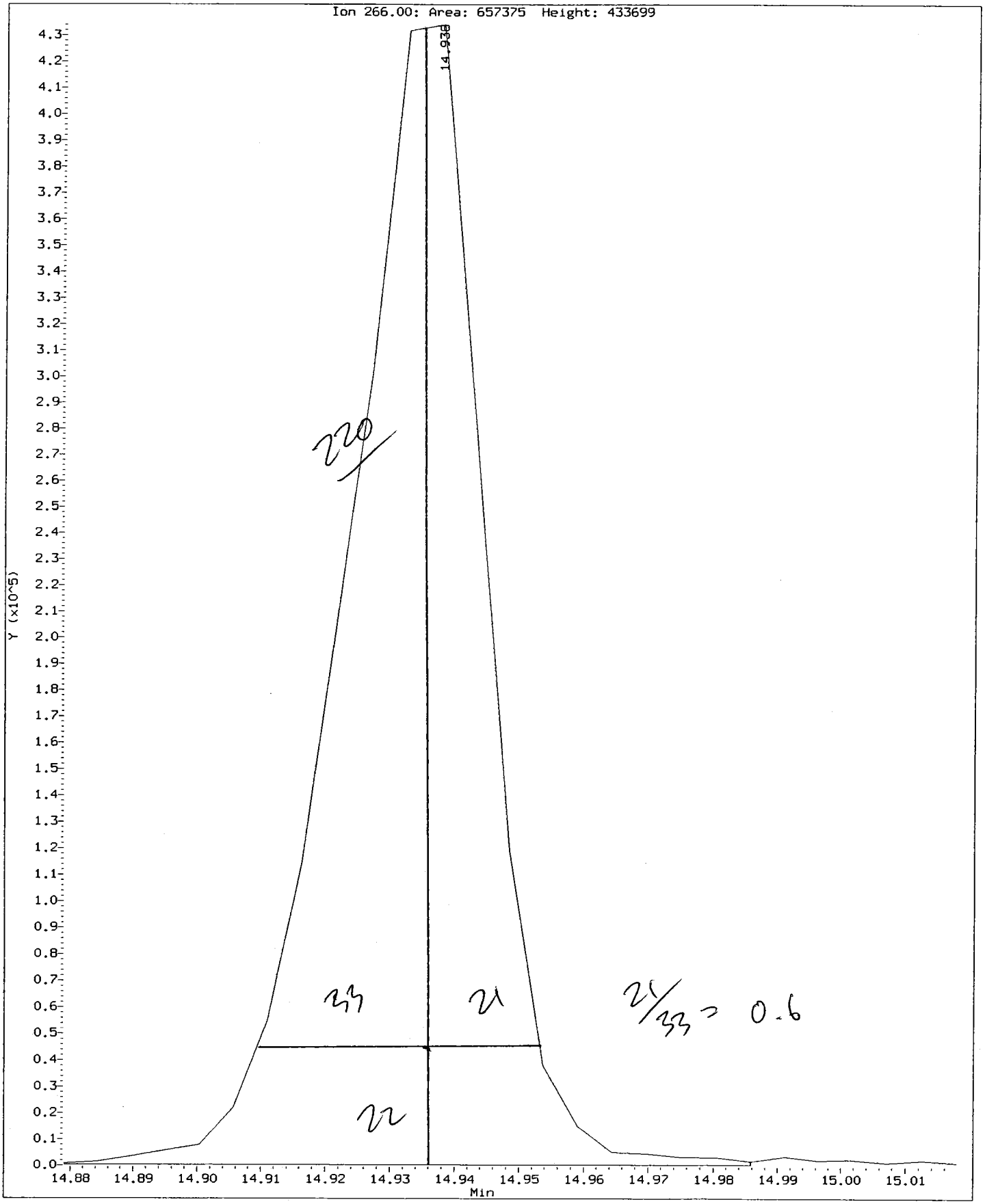
Data File: /chem3/nt2.i/20090511.b/ddt.b/fs0511.d
Injection Date: 11-MAY-2009 11:13
Instrument: nt2.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Data File: /chem3/nt2.i/20090511.b/ddt.b/fs0511.d
Injection Date: 11-MAY-2009 11:13
Instrument: nt2.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt2.i/20090613.b/df0613.d

Date : 13-JUN-2009 10:21

Client ID:

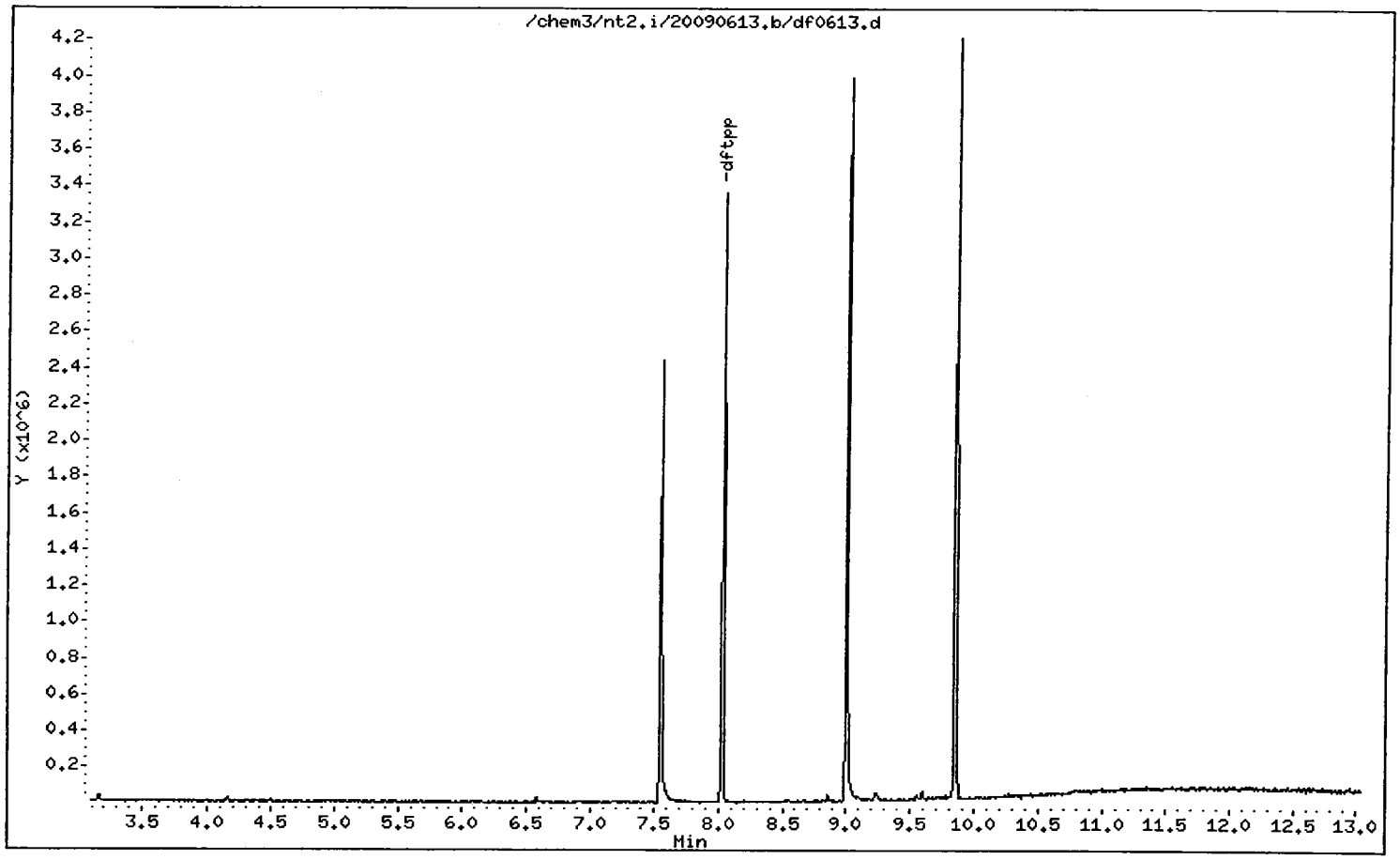
Instrument: nt2.i

Sample Info: DF0613

Operator: VTS

Column phase:

Column diameter: 0.25



Data File: /chem3/nt2.i/20090613.b/df0613.d

Date : 13-JUN-2009 10:21

Client ID:

Instrument: nt2.i

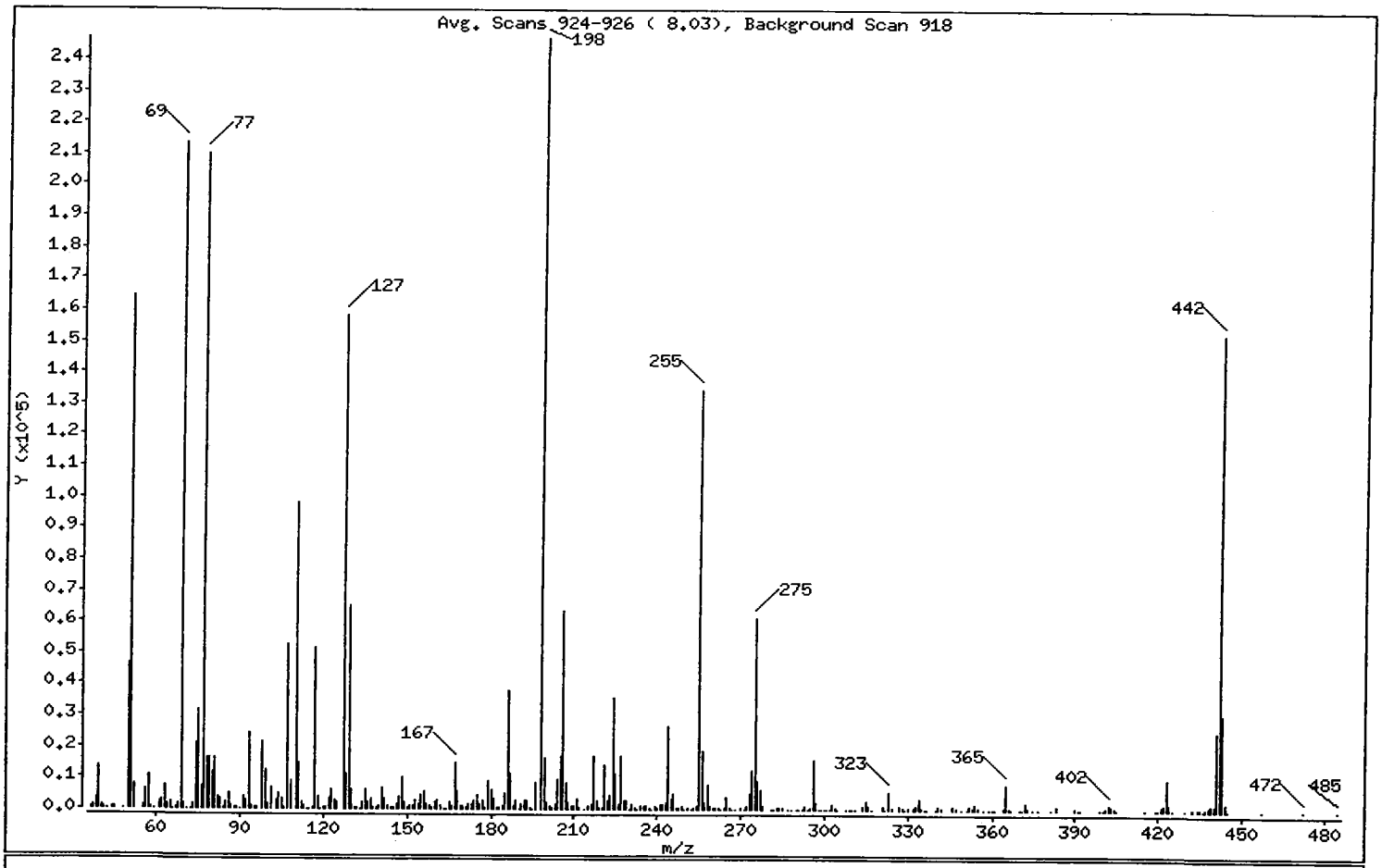
Sample Info: DF0613

Operator: VTS

Column phase:

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	66.72
68	Less than 2.00% of mass 69	0.77 (0.89)
69	Mass 69 relative abundance	86.43
70	Less than 2.00% of mass 69	0.67 (0.78)
127	25.00 - 75.00% of mass 198	64.19
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.76
275	10.00 - 30.00% of mass 198	24.80
365	Greater than 0.75% of mass 198	3.21
441	Present, but less than mass 443	10.11
442	40.00 - 110.00% of mass 198	61.83
443	15.00 - 24.00% of mass 442	12.49 (20.20)

Data File: /chem3/nt2.i/20090613.b/df0613.d

Date : 13-JUN-2009 10:21

Client ID:

Instrument: nt2.i

Sample Info: DF0613

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: df0613.d
Spectrum: Avg. Scans 924-926 (8.03), Background Scan 918
Location of Maximum: 198.00
Number of points: 336

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	510	132.00	780	219.00	332	311.00	85
37.00	1145	133.00	252	220.00	689	314.00	973
38.00	3362	134.00	2103	221.00	14359	315.00	2631
39.00	13897	135.00	6386	222.00	2746	316.00	991
40.00	1253	136.00	2077	223.00	4797	317.00	230
41.00	743	137.00	3143	224.00	35920	321.00	860
42.00	144	138.00	383	225.00	11188	322.00	175
44.00	285	139.00	402	226.00	1451	323.00	5444
45.00	668	140.00	1212	227.00	16784	324.00	658
48.00	282	141.00	7012	228.00	2577	327.00	964
50.00	46776	142.00	3232	229.00	2881	328.00	342
51.00	164672	143.00	1261	230.00	154	329.00	190
52.00	7865	144.00	578	231.00	1979	330.00	315
55.00	1114	145.00	751	232.00	387	332.00	418
56.00	6082	146.00	1950	233.00	81	333.00	910
57.00	10572	147.00	3840	234.00	1269	334.00	3404
58.00	739	148.00	10105	235.00	1064	335.00	688
59.00	220	149.00	2276	236.00	1116	336.00	199
61.00	2101	150.00	327	237.00	800	337.00	101
62.00	2969	151.00	913	238.00	118	340.00	248
63.00	7655	152.00	929	239.00	890	341.00	1282
64.00	1444	153.00	2798	240.00	689	342.00	380
65.00	2182	154.00	1893	241.00	1568	346.00	916
66.00	248	155.00	4277	242.00	1832	347.00	362
67.00	709	156.00	5647	243.00	2207	349.00	85
68.00	1908	157.00	1755	244.00	26584	351.00	283
69.00	213312	158.00	1381	245.00	3148	352.00	1064
70.00	1660	159.00	772	246.00	5197	353.00	792
71.00	52	160.00	2403	247.00	659	354.00	1633
72.00	190	161.00	2850	248.00	364	355.00	579
73.00	1659	162.00	1202	249.00	994	357.00	195
74.00	21272	163.00	131	250.00	98	359.00	99
75.00	31608	164.00	266	251.00	701	360.00	123
76.00	7644	165.00	2512	252.00	198	361.00	77
77.00	209792	166.00	1311	253.00	811	364.00	764

Data File: /chem3/nt2.i/20090613.b/df0613.d

Date : 13-JUN-2009 10:21

Client ID:

Instrument: nt2.i

Sample Info: DF0613

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: df0613.d
Spectrum: Avg. Scans 924-926 (8.03), Background Scan 918
Location of Maximum: 198.00
Number of points: 336

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	16240	167.00	14737	254.00	1109	365.00	7912
79.00	16348	168.00	5824	255.00	134592	366.00	822
80.00	12080	169.00	1367	256.00	18464	367.00	110
81.00	16343	170.00	896	257.00	2027	370.00	213
82.00	3975	171.00	662	258.00	8197	371.00	135
83.00	3370	172.00	1630	259.00	1305	372.00	2336
84.00	589	173.00	1644	260.00	482	373.00	799
85.00	2468	174.00	2956	261.00	426	375.00	102
86.00	5193	175.00	4804	262.00	419	377.00	128
87.00	1179	176.00	1893	263.00	120	381.00	111
88.00	492	177.00	3031	264.00	386	383.00	1198
89.00	312	178.00	718	265.00	3761	390.00	335
90.00	84	179.00	9119	266.00	498	391.00	278
91.00	3723	180.00	6246	267.00	108	392.00	232
92.00	2687	181.00	3356	268.00	157	399.00	164
93.00	24304	182.00	621	270.00	327	400.00	68
94.00	1412	183.00	606	271.00	176	401.00	321
95.00	384	184.00	852	272.00	1149	402.00	1693
96.00	424	185.00	5366	273.00	5200	403.00	1191
98.00	21416	186.00	38168	274.00	12377	404.00	455
99.00	12523	187.00	11283	275.00	61216	405.00	129
100.00	1720	188.00	1032	276.00	9036	415.00	166
101.00	7005	189.00	2792	277.00	6219	419.00	117
103.00	2677	190.00	244	278.00	1087	420.00	180
104.00	5186	191.00	1596	281.00	69	421.00	1320
105.00	3393	192.00	2876	282.00	73	422.00	1865
106.00	670	193.00	3061	283.00	464	423.00	9891
107.00	52696	194.00	787	284.00	610	424.00	1795
108.00	9107	195.00	211	285.00	401	425.00	240
110.00	98240	196.00	8586	287.00	159	430.00	271
111.00	14881	198.00	246784	288.00	101	432.00	456
112.00	2195	199.00	16672	290.00	203	434.00	379
113.00	936	200.00	2019	291.00	259	435.00	330
114.00	87	201.00	1039	292.00	231	436.00	227
115.00	80	202.00	712	293.00	852	437.00	660

Data File: /chem3/nt2.i/20090613.b/df0613.d

Date : 13-JUN-2009 10:21

Client ID:

Instrument: nt2.i

Sample Info: DF0613

Operator: VTS

Column phase:

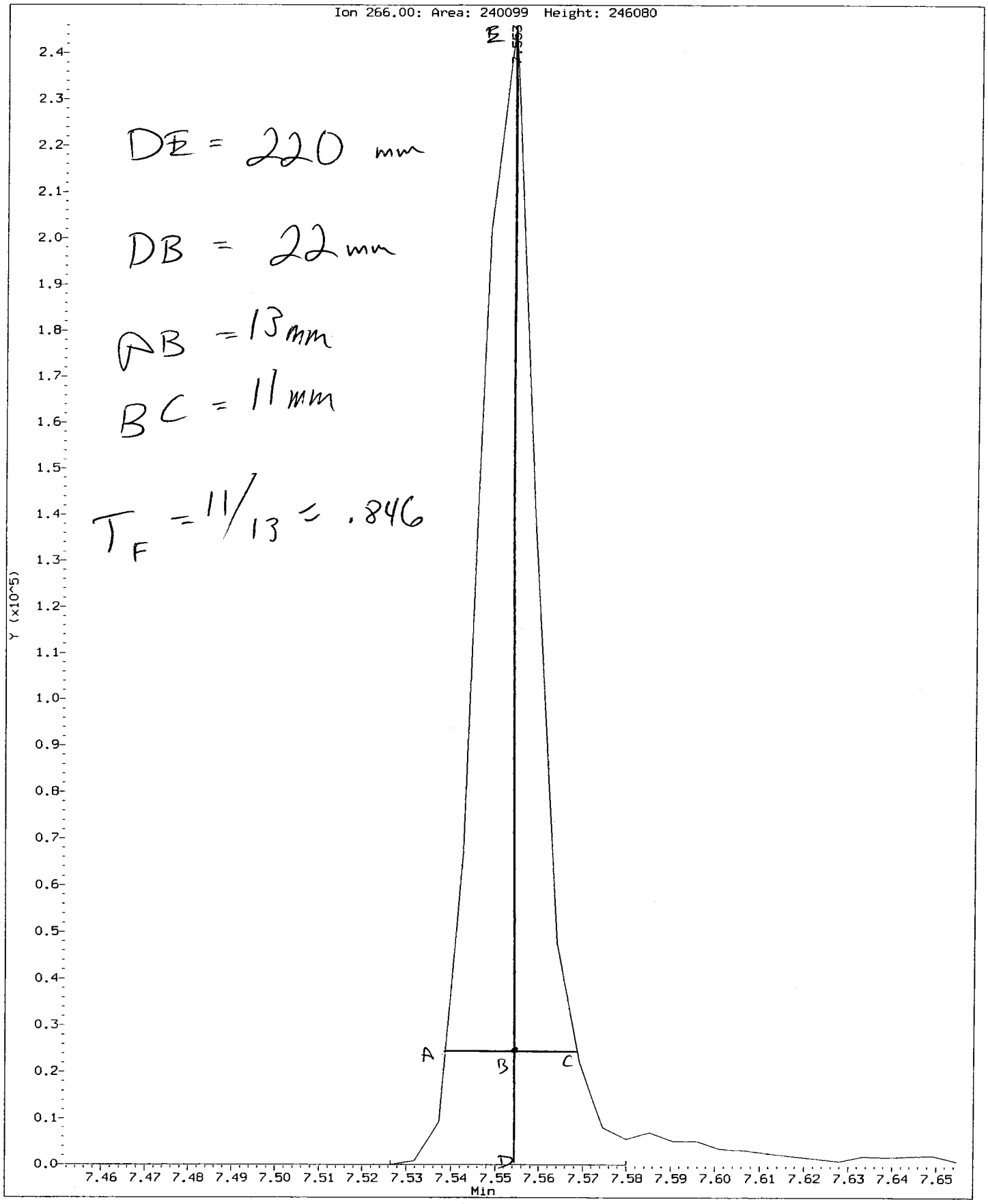
Column diameter: 0.25

Data File: df0613.d
Spectrum: Avg. Scans 924-926 (8.03), Background Scan 918
Location of Maximum: 198.00
Number of points: 336

m/z	Y	m/z	Y	m/z	Y	m/z	Y
116.00	568	203.00	1563	294.00	93	438.00	909
117.00	51744	204.00	9555	295.00	562	439.00	1758
118.00	3978	205.00	17288	296.00	15618	440.00	1670
119.00	224	206.00	63808	297.00	2349	441.00	24960
120.00	617	207.00	8509	298.00	79	442.00	152576
121.00	420	208.00	2079	299.00	79	443.00	30832
122.00	3417	209.00	1067	300.00	107	444.00	2254
123.00	6157	210.00	1351	301.00	176	445.00	90
124.00	2941	211.00	3686	302.00	227	457.00	85
125.00	2029	212.00	339	303.00	1539	472.00	146
127.00	158400	214.00	112	304.00	778	485.00	78
128.00	11239	215.00	1379	305.00	171		
129.00	65008	216.00	1432	308.00	105		
130.00	6013	217.00	16776	309.00	78		
131.00	709	218.00	2631	310.00	99		

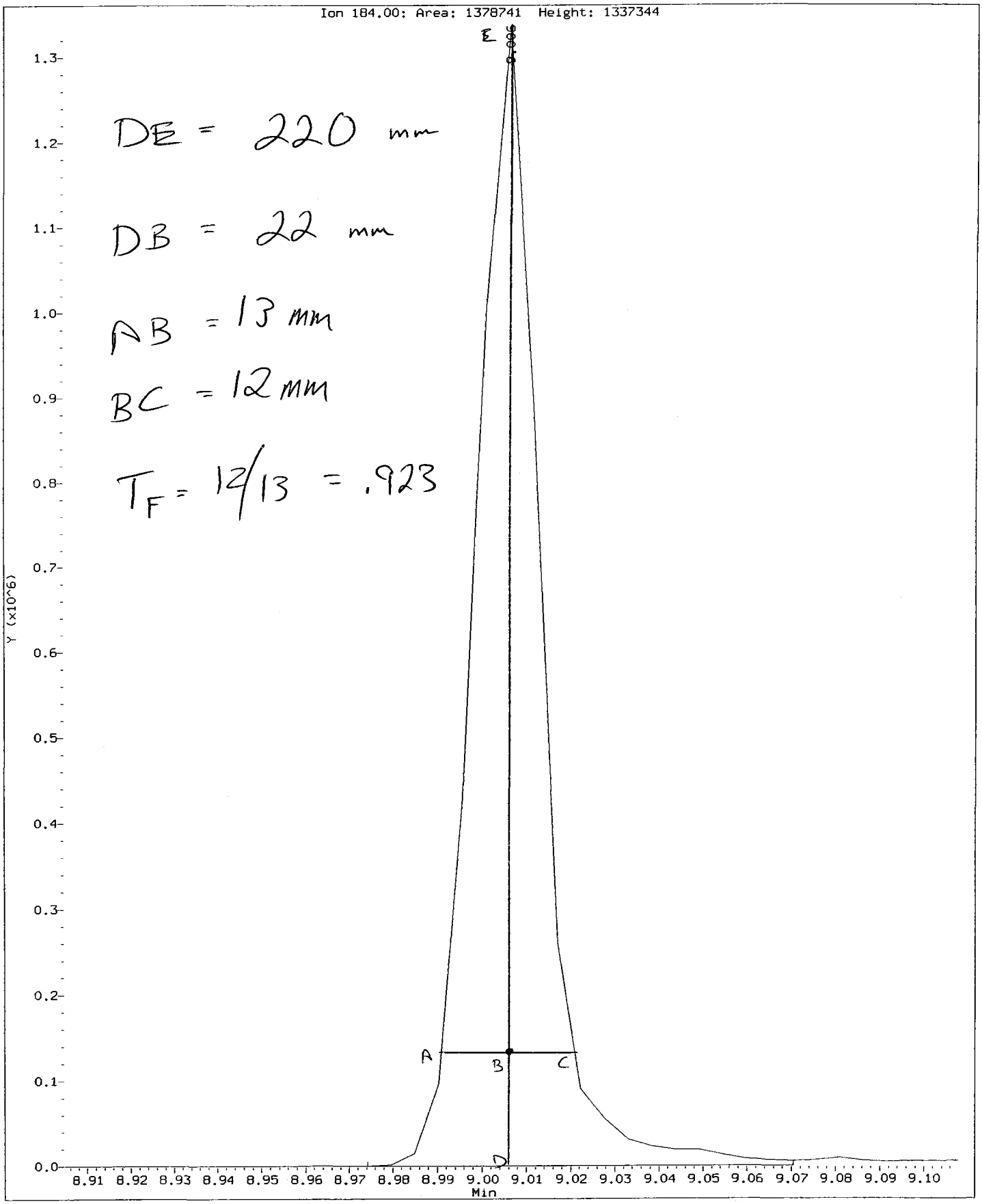
Data File: /chem3/nt2.i/20090613.b/ddt.b/df0613.d
Injection Date: 13-JUN-2009 10:21
Instrument: nt2.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt2.i/20090613.b/ddt.b/df0613.d
Injection Date: 13-JUN-2009 10:21
Instrument: nt2.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt2.i/20090613.b/ddt.b/df0613.d ARI ID: DF0613
Method: /chem3/nt2.i/20090613.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 13-JUN-2009 10:21 Instrument: nt2.i

COMPOUND	RT	AREA
Pentachlorophenol	7.553	240099
Benzidine	9.006	1378740
4,4'-DDE	9.231	5492
4,4'-DDD	9.599	10372
4,4'-DDT	9.850	664197

$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(\ 5492 + 10372) * 100}{(\ 5492 + 10372 + 664197)}$$

DDT Percent Breakdown = 2.3 %

Data File: /chem3/nt2.i/20090615.b/tune.b/fs0615.d

Date : 15-JUN-2009 10:15

Client ID:

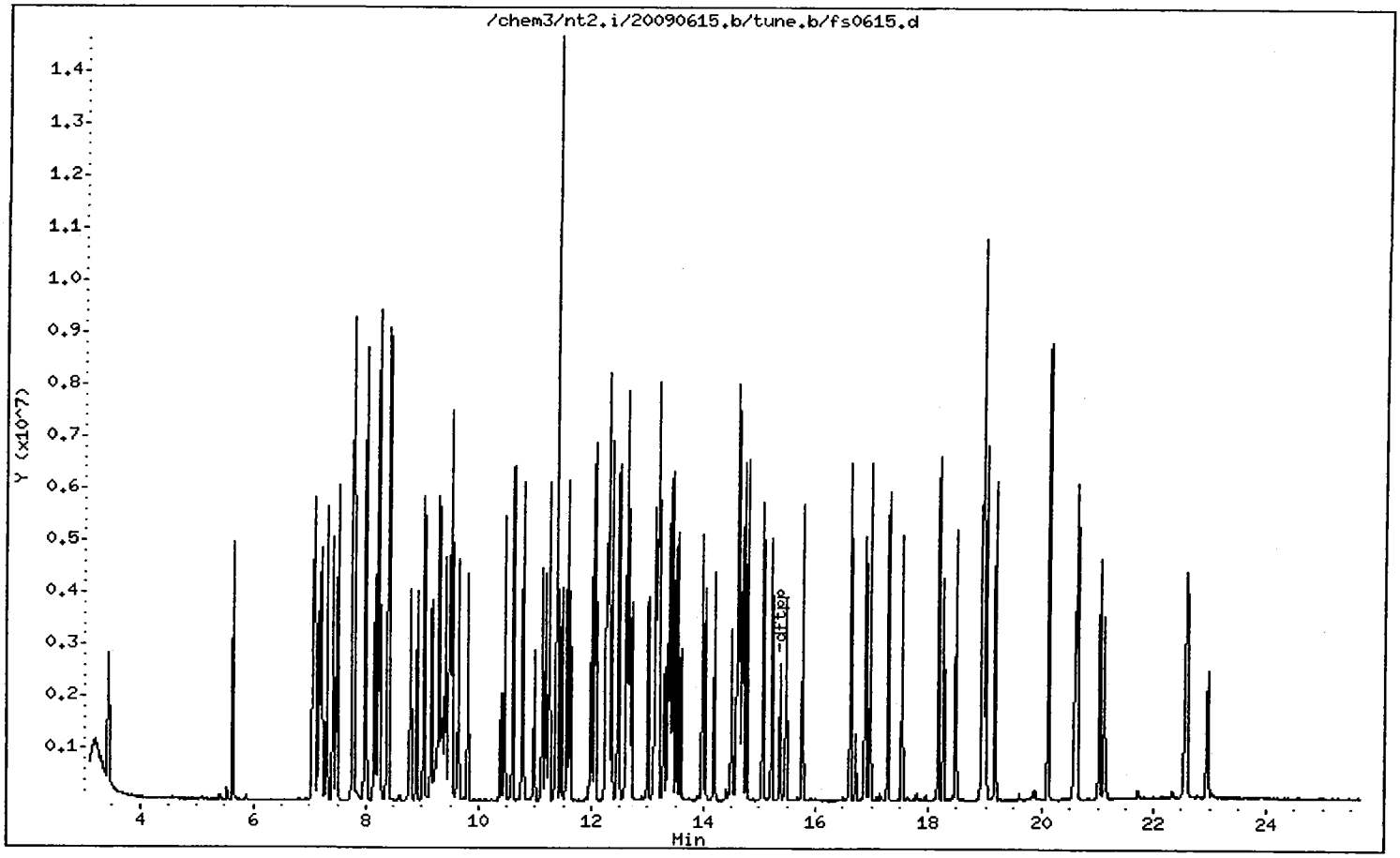
Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25



Data File: /chem3/nt2.i/20090615.b/tune.b/fs0615.d

Date : 15-JUN-2009 10:15

Client ID:

Instrument: nt2.i

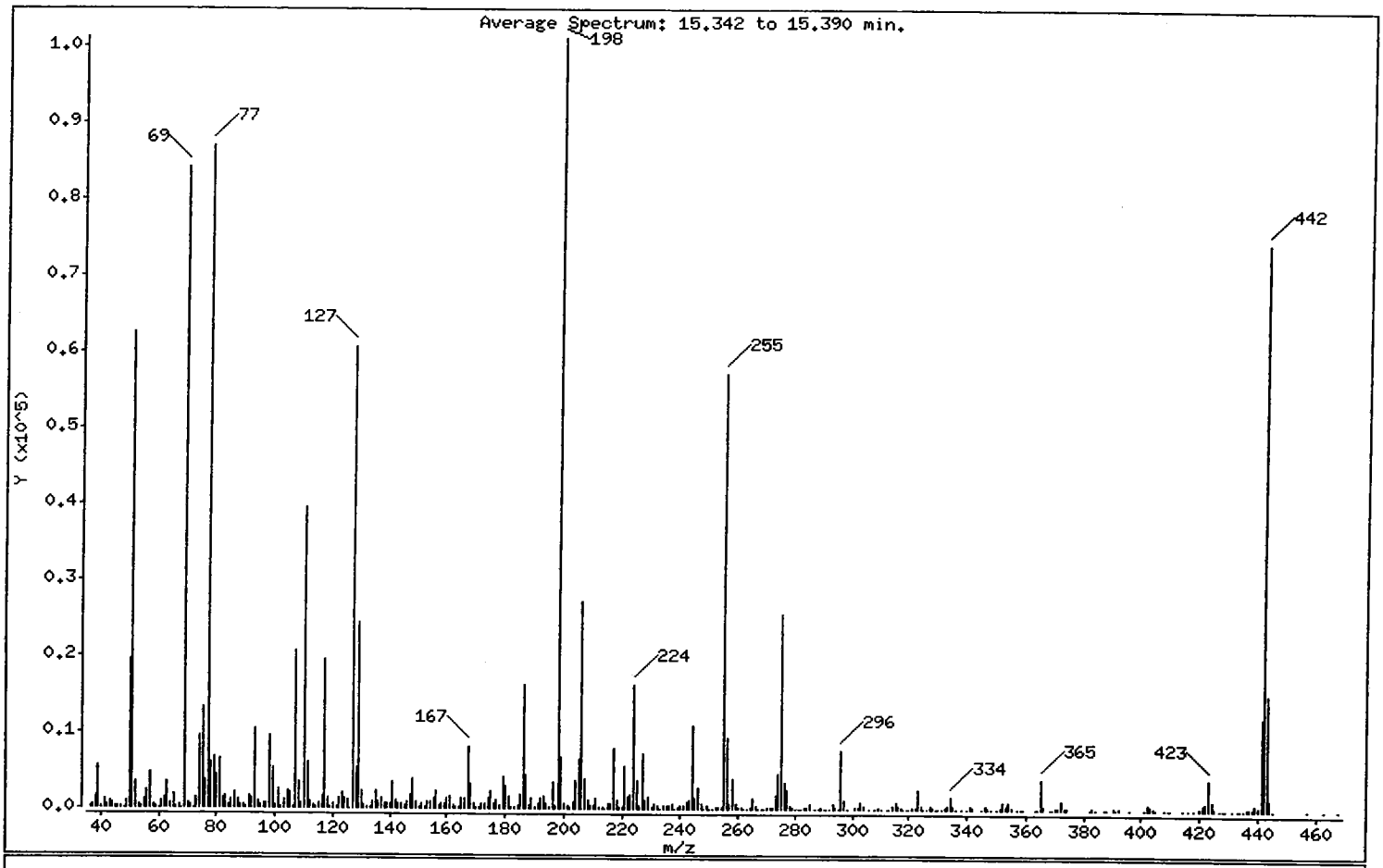
Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	61.88
68	Less than 2.00% of mass 69	0.04 (0.05)
69	Mass 69 relative abundance	83.30
70	Less than 2.00% of mass 69	0.60 (0.72)
127	25.00 - 75.00% of mass 198	59.89
197	Less than 1.00% of mass 198	0.41
199	5.00 - 9.00% of mass 198	6.73
275	10.00 - 30.00% of mass 198	25.39
365	Greater than 0.75% of mass 198	3.84
441	Present, but less than mass 443	11.94
442	40.00 - 110.00% of mass 198	73.51
443	15.00 - 24.00% of mass 442	14.93 (20.31)

Data File: /chem3/nt2.i/20090615.b/tune.b/fs0615.d

Date : 15-JUN-2009 10:15

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0615.d
Spectrum: Average Spectrum: 15.342 to 15.390 min.
Location of Maximum: 198.00
Number of points: 369

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	183	129.00	24432	222.00	1696	321.00	318
37.00	511	130.00	2236	223.00	1837	322.00	319
38.00	1553	131.00	473	224.00	16245	323.00	2481
39.00	5667	132.00	151	225.00	3623	324.00	464
40.00	339	133.00	300	226.00	560	325.00	32
41.00	1247	134.00	916	227.00	7165	326.00	62
42.00	350	135.00	2265	228.00	1134	327.00	531
43.00	847	136.00	1032	229.00	1535	328.00	293
44.00	716	137.00	1350	230.00	207	329.00	57
45.00	337	138.00	595	231.00	588	330.00	25
46.00	125	139.00	642	232.00	369	331.00	47
47.00	143	140.00	630	233.00	94	332.00	282
48.00	58	141.00	3537	234.00	500	333.00	426
49.00	1033	142.00	1251	235.00	530	334.00	1564
50.00	19608	143.00	754	236.00	409	335.00	481
51.00	62608	144.00	726	237.00	593	336.00	46
52.00	3516	145.00	349	238.00	72	338.00	49
53.00	540	146.00	890	239.00	340	340.00	31
54.00	225	147.00	1816	240.00	381	341.00	352
55.00	1123	148.00	4017	241.00	557	342.00	121
56.00	2358	149.00	908	242.00	876	345.00	20
57.00	4655	150.00	208	243.00	1125	346.00	532
58.00	376	151.00	687	244.00	10817	347.00	140
59.00	169	152.00	281	245.00	1370	348.00	45
60.00	115	153.00	1008	246.00	2735	350.00	21
61.00	1037	154.00	1012	247.00	776	351.00	118
62.00	1468	155.00	1384	248.00	94	352.00	827
63.00	3544	156.00	2287	249.00	451	353.00	413
64.00	635	157.00	458	250.00	83	354.00	861
65.00	1772	158.00	781	251.00	22	355.00	272
66.00	134	159.00	803	252.00	279	357.00	32
67.00	450	160.00	1285	253.00	329	358.00	53
68.00	40	161.00	1547	254.00	197	359.00	52
69.00	84288	162.00	475	255.00	57192	363.00	80
70.00	605	163.00	160	256.00	9410	364.00	24

Data File: /chem3/nt2.i/20090615.b/tune.b/fs0615.d

Date : 15-JUN-2009 10:15

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0615.d
Spectrum: Average Spectrum: 15.342 to 15.390 min.
Location of Maximum: 198.00
Number of points: 369

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	384	164.00	337	257.00	730	365.00	3889
72.00	75	165.00	1293	258.00	3926	366.00	509
73.00	1475	166.00	1335	259.00	605	368.00	27
74.00	9429	167.00	8140	260.00	121	369.00	27
75.00	13214	168.00	3349	261.00	121	370.00	168
76.00	3641	169.00	733	262.00	23	371.00	180
77.00	86920	170.00	190	263.00	55	372.00	1160
78.00	6092	171.00	214	264.00	237	373.00	165
79.00	6811	172.00	738	265.00	1415	374.00	120
80.00	4404	173.00	777	266.00	374	382.00	28
81.00	6470	174.00	1474	267.00	54	383.00	336
82.00	1467	175.00	2427	268.00	58	384.00	112
83.00	1571	176.00	619	269.00	37	387.00	27
84.00	567	177.00	1090	270.00	122	388.00	21
85.00	1252	178.00	474	271.00	195	390.00	259
86.00	2150	179.00	4254	272.00	175	391.00	63
87.00	1246	180.00	2924	273.00	1851	392.00	179
88.00	576	181.00	1674	274.00	4640	396.00	20
89.00	450	182.00	328	275.00	25688	401.00	38
90.00	168	183.00	241	276.00	3497	402.00	622
91.00	1690	184.00	488	277.00	2614	403.00	525
92.00	1355	185.00	1950	278.00	397	404.00	275
93.00	10436	186.00	16178	279.00	195	405.00	60
94.00	932	187.00	4481	280.00	59	408.00	39
95.00	522	188.00	510	281.00	67	409.00	20
96.00	593	189.00	1286	282.00	25	410.00	92
97.00	627	190.00	309	283.00	334	414.00	41
98.00	9442	191.00	599	284.00	121	416.00	46
99.00	5387	192.00	1467	285.00	775	418.00	36
100.00	581	193.00	1657	287.00	63	420.00	135
101.00	2577	194.00	628	288.00	33	421.00	614
102.00	300	195.00	253	289.00	136	422.00	817
103.00	1152	196.00	3589	290.00	30	423.00	4025
104.00	2229	197.00	415	291.00	37	424.00	1200
105.00	2173	198.00	101176	292.00	114	425.00	142

Data File: /chem3/nt2.i/20090615.b/tune.b/fs0615.d

Date : 15-JUN-2009 10:15

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0615.d
Spectrum: Average Spectrum: 15.342 to 15.390 min.
Location of Maximum: 198.00
Number of points: 369

m/z	Y	m/z	Y	m/z	Y	m/z	Y
106.00	161	199.00	6806	293.00	627	427.00	44
107.00	20592	200.00	647	294.00	191	428.00	22
108.00	3532	201.00	464	295.00	107	429.00	36
109.00	806	202.00	338	296.00	7785	431.00	24
110.00	39512	203.00	943	297.00	1135	433.00	35
111.00	6018	204.00	3675	298.00	103	434.00	92
112.00	860	205.00	6537	301.00	120	435.00	78
113.00	505	206.00	27216	302.00	226	436.00	139
114.00	226	207.00	3902	303.00	896	437.00	271
115.00	637	208.00	1068	304.00	370	438.00	295
116.00	1593	209.00	370	306.00	84	439.00	652
117.00	19648	210.00	392	308.00	113	440.00	539
118.00	1475	211.00	1434	309.00	132	441.00	12077
119.00	177	212.00	217	310.00	24	442.00	74376
120.00	615	213.00	209	312.00	26	443.00	15108
121.00	157	214.00	51	313.00	34	444.00	1323
122.00	1491	215.00	644	314.00	389	445.00	61
123.00	2086	216.00	652	315.00	945	457.00	51
124.00	1328	217.00	7969	316.00	538	463.00	30
125.00	1231	218.00	1261	317.00	218	468.00	53
126.00	25	219.00	240	318.00	56		
127.00	60592	220.00	239	319.00	75		
128.00	5331	221.00	5638	320.00	35		

Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt2.i/20090615.b/ddt.b/fs0615.d
Method: /chem3/nt2.i/20090615.b/ddt.b/sw846ddt.m
Analysis Date: 15-JUN-2009 10:15

ARI ID:
Misc:
Instrument: nt2.i

COMPOUND	RT	AREA
Pentachlorophenol	14.498	489514
Benzidine	16.875	502963
4,4'-DDE	----	----
4,4'-DDD	17.794	36610
4,4'-DDT	18.270	1025873

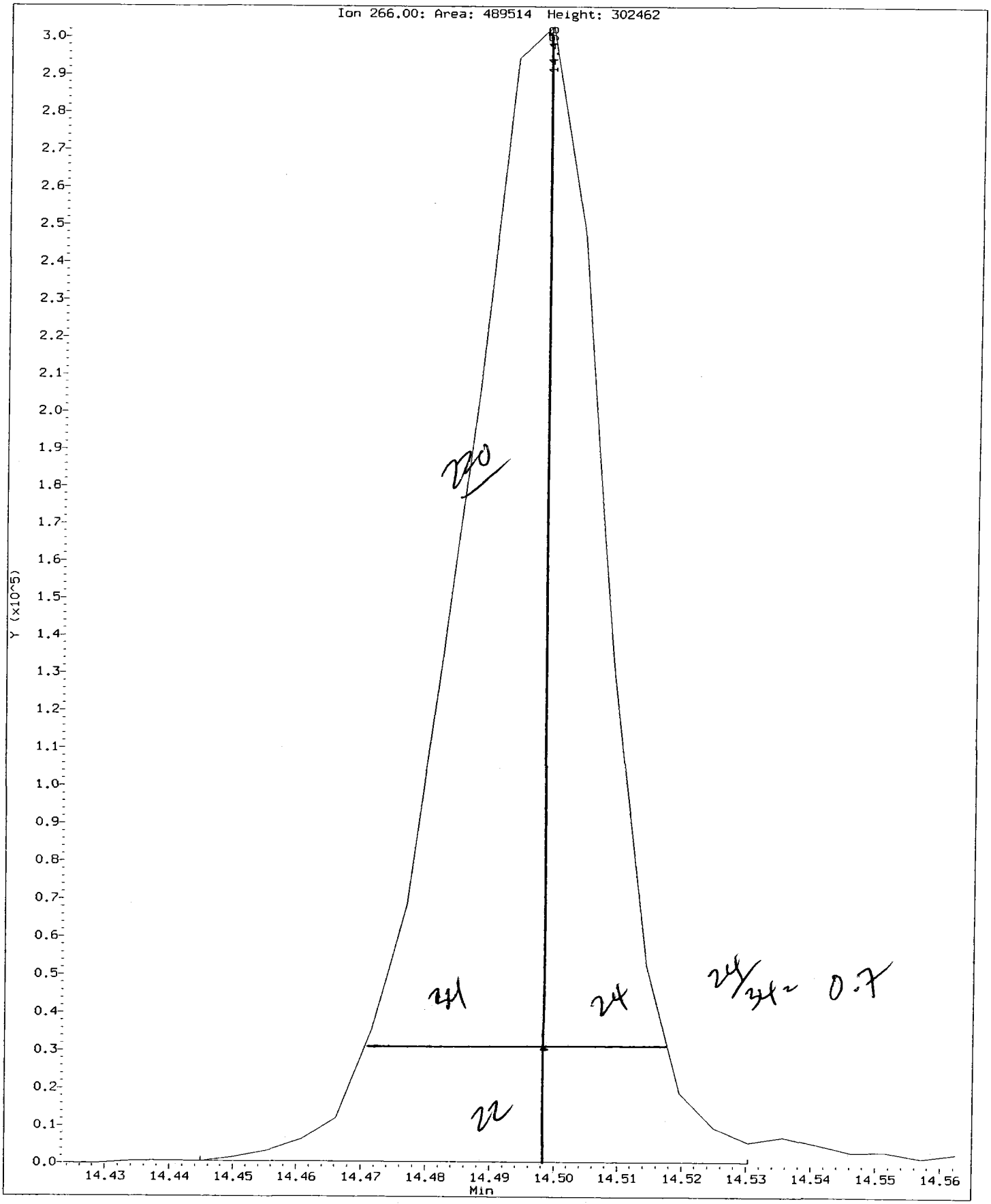
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(\ 0 + 36610) * 100}{(\ 0 + 36610 + 1025873)}$$

DDT Percent Breakdown = 3.4 %

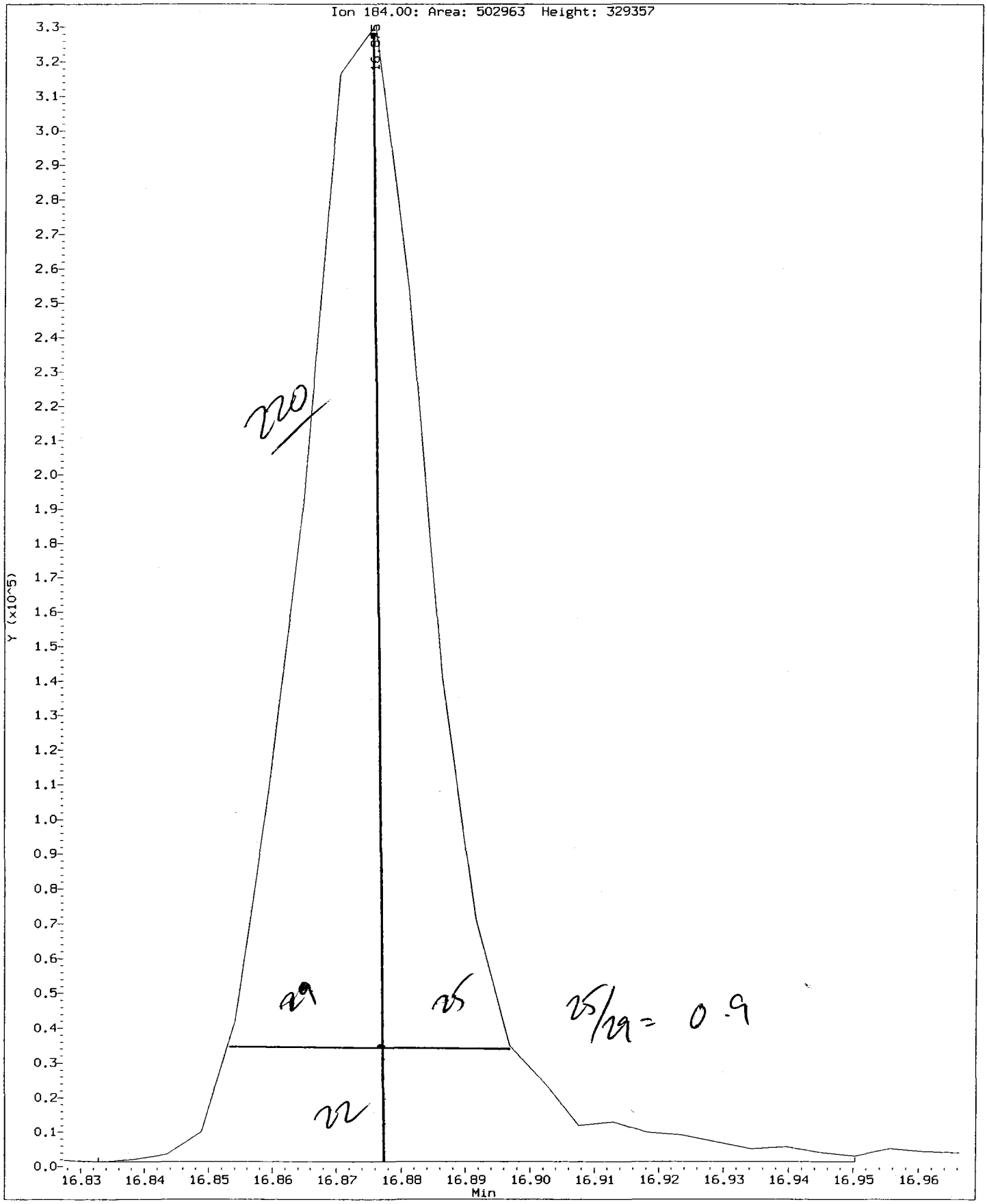
Data File: /chem3/nt2.i/20090615.b/ddt.b/fs0615.d
Injection Date: 15-JUN-2009 10:15
Instrument: nt2.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt2.i/20090615.b/ddt.b/fs0615.d
Injection Date: 15-JUN-2009 10:15
Instrument: nt2.i
Client Sample ID:

Compound: Benzidine
CAS Number:



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: MB-060809**
Page 1 of 1 **METHOD BLANK**

Lab Sample ID: MB-060809
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 12:25
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.2	< 6.2 U
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	16	< 16 U
85-68-7	Butylbenzylphthalate	16	< 16 U
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
541-73-1	1,3-Dichlorobenzene	6.2	< 6.2 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.0%	d5-Phenol	47.7%
2-Fluorophenol	49.6%	d4-2-Chlorophenol	50.4%
d4-1,2-Dichlorobenzene	53.6%	d5-Nitrobenzene	55.6%
2,4,6-Tribromophenol	58.4%	d14-p-Terphenyl	80.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090613.b/pb35mbr.d
Lab Smp Id: PB35MBS1 Client Smp ID: PB35MBS1
Inj Date : 13-JUN-2009 12:25
Operator : VTS Inst ID: nt2.i
Smp Info : PB35MBS1
Misc Info : 09-12731
Comment :
Method : /chem3/nt2.i/20090613.b/SIMABN.m
Meth Date : 13-Jun-2009 13:24 van Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.745	5.714	(0.761)	121286	1.85717	116.1
$	2 Phenol-d5	99	7.134	7.133	(0.945)	154753	1.78957	111.8
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.262	7.272	(0.962)	109654	1.88689	117.9
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.551	7.550	(1.000)	109310	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.846	7.844	(1.039)	55659	1.34024	83.77
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.430	8.446	(0.885)	124708	1.39335	87.08
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.524	9.542	(1.000)	329712	2.00000	
30	Hexachlorobutadiene	225	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.320	11.320	(0.915)	173660	1.40345	87.72
39	Dimethylphthalate	163	Compound Not Detected.					
* 42	Acenaphthene-d10	162	12.375	12.376	(1.000)	173447	2.00000	
50	Diethylphthalate	149	13.194	13.192	(1.066)	12065	0.09125	5.703
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.668	13.667	(0.927)	30447	2.18988	136.9
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.737	14.736	(1.000)	294124	2.00000	
$ 66	Terphenyl-d14	244	17.381	17.382	(0.913)	140065	2.01548	126.0
67	Butylbenzylphthalate	149	Compound Not Detected.					
* 69	Chrysene-d12	240	19.036	19.036	(1.000)	223405	2.00000	
* 77	Perylene-d12	264	21.175	21.175	(1.000)	172154	2.00000	
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: pb35mbr.d
Lab Smp Id: PB35MBS1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12731

Calibration Date: 13-JUN-2009
Calibration Time: 10:42
Client Smp ID: PB35MBS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	109310	-8.74
27 Naphthalene-d8	372217	186108	744434	329712	-11.42
42 Acenaphthene-d10	182713	91356	365426	173447	-5.07
59 Phenanthrene-d10	286879	143440	573758	294124	2.53
69 Chrysene-d12	251912	125956	503824	223405	-11.32
77 Perylene-d12	231524	115762	463048	172154	-25.64

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.55	7.05	8.05	7.55	0.02
27 Naphthalene-d8	9.54	9.04	10.04	9.52	-0.19
42 Acenaphthene-d10	12.38	11.88	12.88	12.38	0.00
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	0.01
69 Chrysene-d12	19.04	18.54	19.54	19.04	0.00
77 Perylene-d12	21.18	20.68	21.68	21.17	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35MBS1
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12731

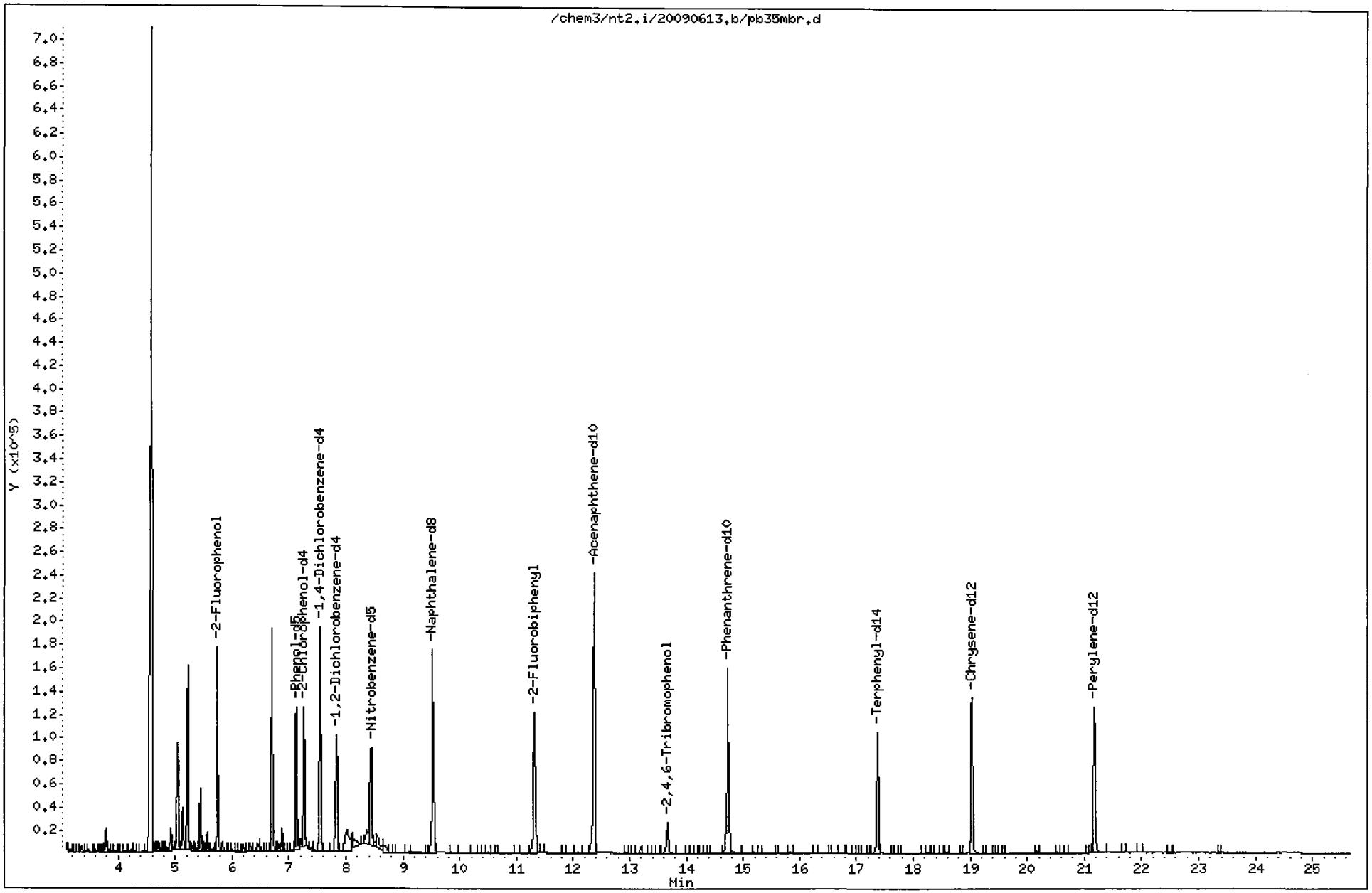
Client SDG: PB35
Fraction: SV
Client Smp ID: PB35MBS1
Operator: VTS
SampleType: BLANK
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	234.4	116.1	49.52	30-160
$ 2 Phenol-d5	234.4	111.8	47.72	30-160
$ 5 2-Chlorophenol-d4	234.4	117.9	50.32	30-160
$ 10 1,2-Dichlorobenzen	156.3	83.77	53.61	30-160
$ 18 Nitrobenzene-d5	156.3	87.08	55.73	30-160
$ 36 2-Fluorobiphenyl	156.3	87.72	56.14	30-160
$ 55 2,4,6-Tribromophen	234.4	136.9	58.40	30-160
$ 66 Terphenyl-d14	156.3	126.0	80.62	30-160

Data File: /chem3/nt2.i/20090613.b/pb35mbr.d
Date : 13-JUN-2009 12:25
Client ID: PB35MBS1
Sample Info: PB35MBS1
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB35:66681



Data File: /chem3/nt2.i/20090613.b/pb35mbr.d

Date : 13-JUN-2009 12:25

Client ID: PB35MBS1

Instrument: nt2.i

Sample Info: PB35MBS1

Volume Injected (uL): 2.0

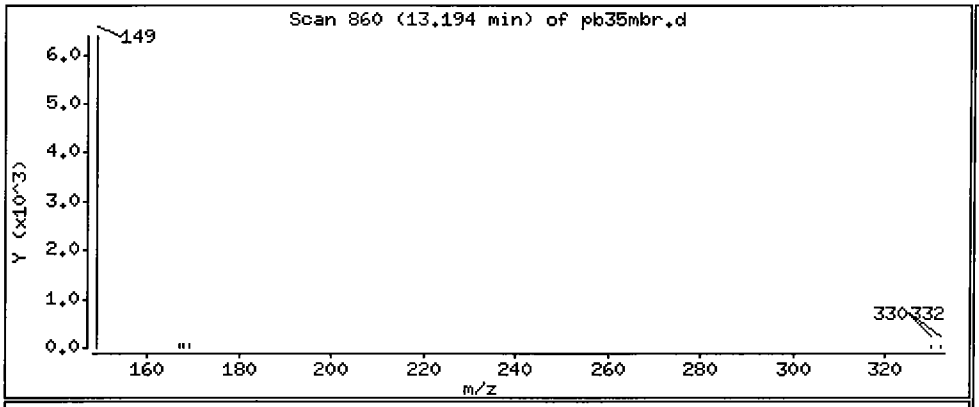
Operator: VTS

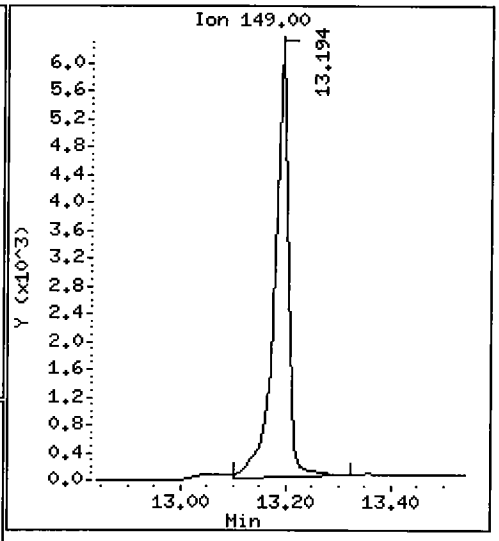
Column phase: ZB-5

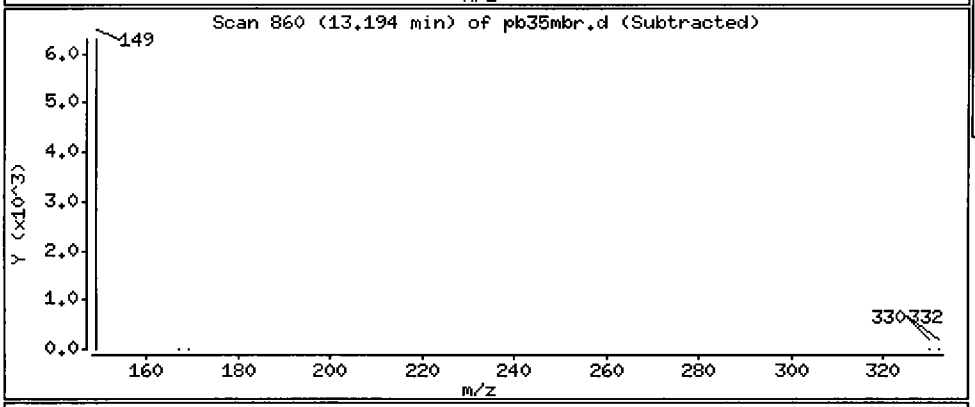
Column diameter: 0.32

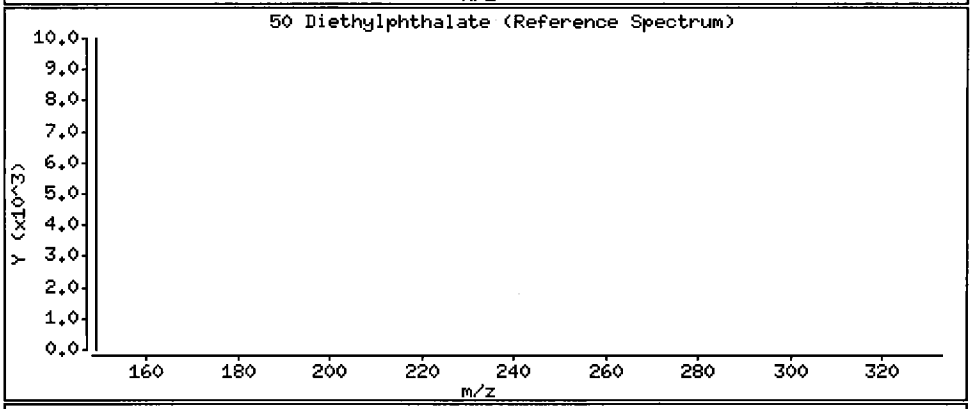
50 Diethylphthalate

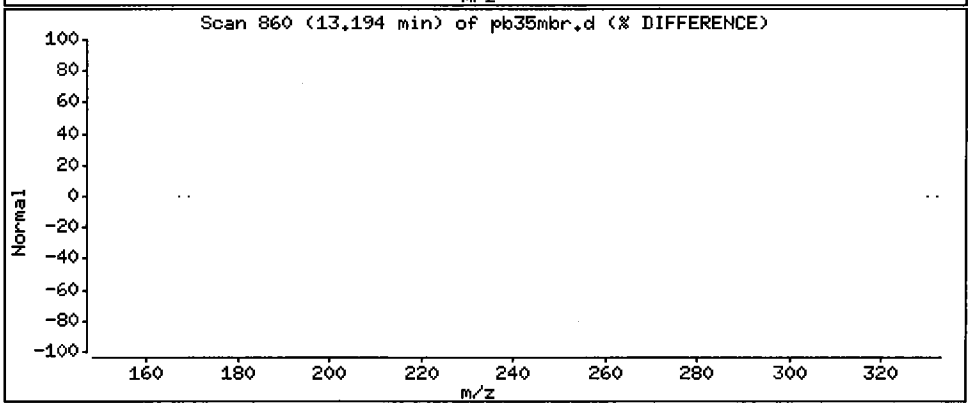
Concentration: 5.703 ug/kg











Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090613.b/pb35sbr.d
Lab Smp Id: PB35LCSS1 Client Smp ID: PB35LCSS1
Inj Date : 13-JUN-2009 12:59
Operator : VTS Inst ID: nt2.i
Smp Info : PB35LCSS1
Misc Info : 09-12731
Comment :
Method : /chem3/nt2.i/20090613.b/SIMABN.m
Meth Date : 16-Jun-2009 11:13 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.744	5.714	(0.761)	130108	1.99800	124.9
$	2 Phenol-d5	99	7.133	7.133	(0.945)	175751	2.03824	127.4
	3 Phenol	94	7.145	7.145	(0.946)	159799	1.38960	86.85
$	5 2-Chlorophenol-d4	132	7.261	7.272	(0.962)	121513	2.09698	131.1
	7 1,3-Dichlorobenzene	146	7.481	7.498	(0.991)	139702	1.81398	113.4
*	8 1,4-Dichlorobenzene-d4	152	7.551	7.550	(1.000)	108996	2.00000	
	9 1,4-Dichlorobenzene	146	7.568	7.568	(1.002)	121679	1.52364	95.23
$	10 1,2-Dichlorobenzene-d4	152	7.845	7.844	(1.039)	59775	1.44350	90.22
	11 Benzyl alcohol	79	7.827	7.810	(1.037)	358254	4.87098	304.4
	12 1,2-Dichlorobenzene	146	7.862	7.862	(1.041)	116864	1.62503	101.6
	13 2-Methylphenol	108	8.047	8.046	(1.066)	115195	1.65631	103.5
	15 4-Methylphenol	108	8.277	8.277	(1.096)	220502	3.10096	193.8
	16 N-Nitroso-di-n-propylamine	70	8.262	8.261	(1.094)	89276	1.34219	83.89
$	18 Nitrobenzene-d5	82	8.447	8.446	(0.887)	132952	1.49660	93.54

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	22 2,4-Dimethylphenol	107	9.081	9.081	(0.954)	100537	1.25010	78.13
	26 1,2,4-Trichlorobenzene	180	9.485	9.485	(0.996)	90970	1.78679	111.7
*	27 Naphthalene-d8	136	9.523	9.542	(1.000)	327258	2.00000	
	30 Hexachlorobutadiene	225	9.888	9.888	(1.038)	48763	1.83968	115.0
$	36 2-Fluorobiphenyl	172	11.321	11.320	(0.915)	188842	1.49669	93.54
	39 Dimethylphthalate	163	12.048	12.047	(0.973)	256984	1.94261	121.4
*	42 Acenaphthene-d10	162	12.376	12.376	(1.000)	176860	2.00000	
	50 Diethylphthalate	149	13.192	13.192	(1.066)	306104	2.27035	141.9
	54 N-Nitrosodiphenylamine	169	13.470	13.470	(0.914)	146554	1.66681	104.2
$	55 2,4,6-Tribromophenol	330	13.667	13.667	(0.927)	35789	2.58514	161.6
	57 Hexachlorobenzene	284	14.275	14.275	(0.969)	60624	1.89275	118.3
	58 Pentachlorophenol	266	14.567	14.567	(0.988)	32788	1.66452	104.0
*	59 Phenanthrene-d10	188	14.737	14.736	(1.000)	292868	2.00000	
$	66 Terphenyl-d14	244	17.370	17.382	(0.913)	145969	2.25345	140.8
	67 Butylbenzylphthalate	149	18.250	18.249	(0.959)	200843	2.47955	155.0
*	69 Chrysene-d12	240	19.021	19.036	(1.000)	208235	2.00000	
*	77 Perylene-d12	264	21.176	21.175	(1.000)	158565	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.684	22.683	(1.071)	198002	2.68843	168.0
	90 N-Nitrosodimethylamine	74	3.615	3.500	(0.479)	72801	1.41508	88.44

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: pb35sbr.d
Lab Smp Id: PB35LCSS1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12731

Calibration Date: 13-JUN-2009
Calibration Time: 10:42
Client Smp ID: PB35LCSS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	108996	-9.01
27 Naphthalene-d8	372217	186108	744434	327258	-12.08
42 Acenaphthene-d10	182713	91356	365426	176860	-3.20
59 Phenanthrene-d10	286879	143440	573758	292868	2.09
69 Chrysene-d12	251912	125956	503824	208235	-17.34
77 Perylene-d12	231524	115762	463048	158565	-31.51

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.55	7.05	8.05	7.55	0.00
27 Naphthalene-d8	9.54	9.04	10.04	9.52	-0.20
42 Acenaphthene-d10	12.38	11.88	12.88	12.38	0.00
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	0.00
69 Chrysene-d12	19.04	18.54	19.54	19.02	-0.08
77 Perylene-d12	21.18	20.68	21.68	21.18	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35LCSS1
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12731

Client SDG: PB35
Fraction: SV
Client Smp ID: PB35LCSS1
Operator: VTS
SampleType: LCS
Quant Type: ISTD

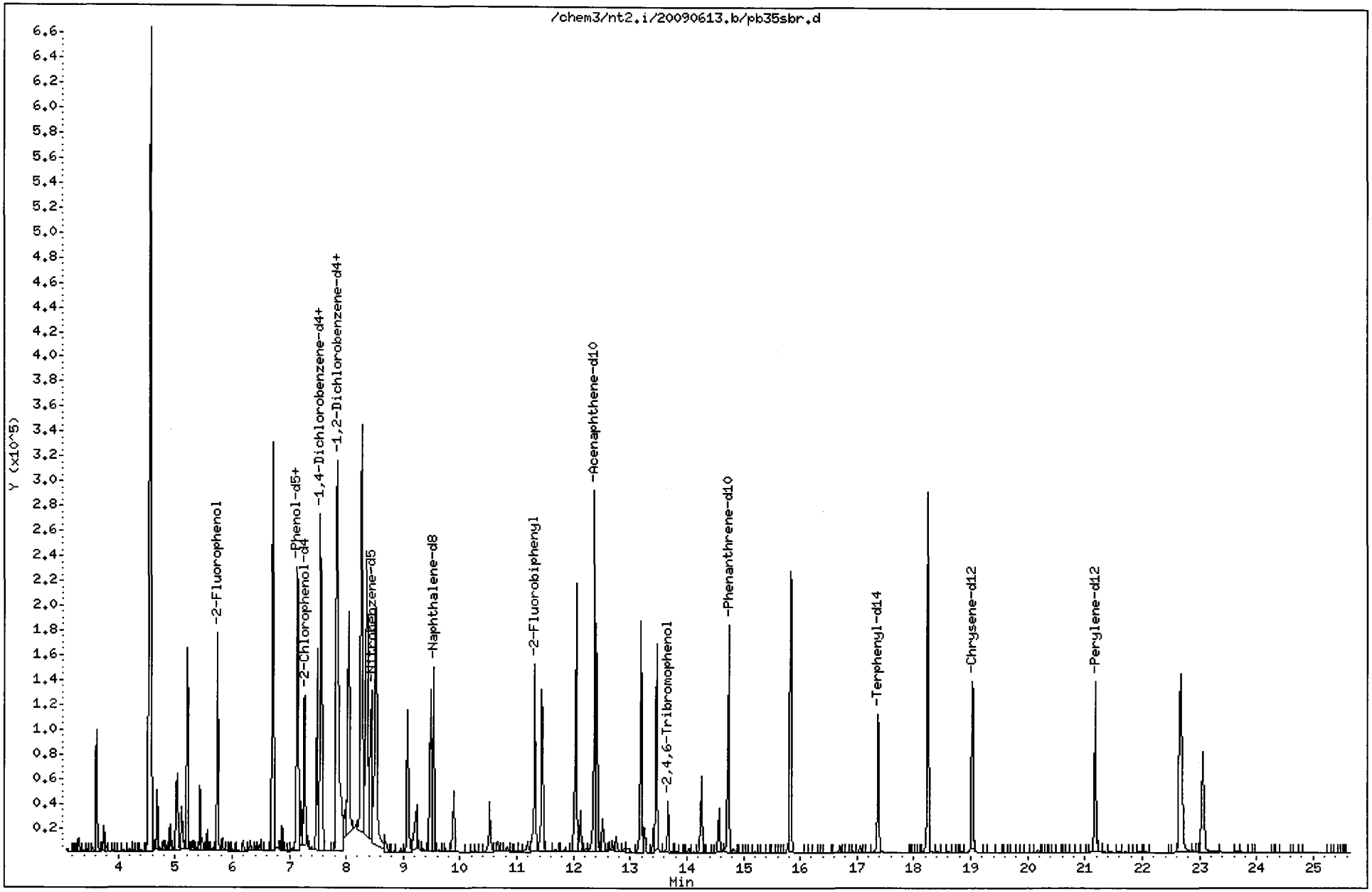
	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	156.3	86.85	55.58	30-160
7	1,3-Dichlorobenzen	156.3	113.4	72.56	30-160
9	1,4-Dichlorobenzen	156.3	95.23	60.95	30-160
11	Benzyl alcohol	312.5	304.4	97.42	30-160
12	1,2-Dichlorobenzen	156.3	101.6	65.00	30-160
13	2-Methylphenol	156.3	103.5	66.25	30-160
15	4-Methylphenol	312.5	193.8	62.02	30-160
16	N-Nitroso-di-n-pro	156.3	83.89	53.69	30-160
22	2,4-Dimethylphenol	156.3	78.13	50.00	30-160
26	1,2,4-Trichloroben	156.3	111.7	71.47	30-160
30	Hexachlorobutadien	156.3	115.0	73.59	30-160
50	Diethylphthalate	156.3	141.9	90.81	30-160
54	N-Nitrosodiphenyla	156.3	104.2	66.67	30-160
57	Hexachlorobenzene	156.3	118.3	75.71	30-160
58	Pentachlorophenol	156.3	104.0	66.58	30-160
67	Butylbenzylphthala	156.3	155.0	99.18	30-160
79	Dibenzo(a,h)anthra	156.3	168.0	107.54	30-160
90	N-Nitrosodimethyla	156.3	88.44	56.60	30-160

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	234.4	124.9	53.28	30-160
$ 2	Phenol-d5	234.4	127.4	54.35	30-160
$ 5	2-Chlorophenol-d4	234.4	131.1	55.92	30-160
$ 10	1,2-Dichlorobenzen	156.3	90.22	57.74	30-160
$ 18	Nitrobenzene-d5	156.3	93.54	59.86	30-160
$ 36	2-Fluorobiphenyl	156.3	93.54	59.87	30-160
$ 55	2,4,6-Tribromophen	234.4	161.6	68.94	30-160
$ 66	Terphenyl-d14	156.3	140.8	90.14	30-160

Data File: /chem3/nt2.i/20090613.b/pb35sbr.d
Date : 13-JUN-2009 12:59
Client ID: PB35LCSS1
Sample Info: PB35LCSS1
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED12-A**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 14:08
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.0%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	---
106-46-7	1,4-Dichlorobenzene	6.0	---
120-82-1	1,2,4-Trichlorobenzene	6.0	---
118-74-1	Hexachlorobenzene	6.0	---
87-68-3	Hexachlorobutadiene	6.0	---
131-11-3	Dimethylphthalate	15	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	6.0	---
105-67-9	2,4-Dimethylphenol	6.0	---
86-30-6	N-Nitrosodiphenylamine	6.0	---
100-51-6	Benzyl Alcohol	30	---
87-86-5	Pentachlorophenol	30	---
95-50-1	1,2-Dichlorobenzene	6.0	---
541-73-1	1,3-Dichlorobenzene	6.0	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	69.6%	d5-Phenol	61.6%
2-Fluorophenol	63.2%	d4-2-Chlorophenol	74.4%
d4-1,2-Dichlorobenzene	64.0%	d5-Nitrobenzene	67.6%
2,4,6-Tribromophenol	88.0%	d14-p-Terphenyl	107%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090613.b/pb35oms.d
Lab Smp Id: PB35OMS Client Smp ID: 3SED12-A MS
Inj Date : 13-JUN-2009 14:08
Operator : VTS Inst ID: nt2.i
Smp Info : PB35OMS
Misc Info : 09-12731
Comment :
Method : /chem3/nt2.i/20090613.b/SIMABN.m
Meth Date : 16-Jun-2009 11:53 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 4 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	25.20000	Weight of sample extracted (g)
M	34.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.753	5.714	(0.762)	151375	2.36666	142.3
$	2 Phenol-d5	99	7.146	7.133	(0.946)	22932	0.27076	16.28(R)
	3 Phenol	94	7.215	7.145	(0.955)	177363	1.57025	94.41(H)
$	5 2-Chlorophenol-d4	132	7.273	7.272	(0.963)	158756	2.78929	167.7
	7 1,3-Dichlorobenzene	146	7.499	7.498	(0.993)	145458	1.92291	115.6
*	8 1,4-Dichlorobenzene-d4	152	7.551	7.550	(1.000)	107058	2.00000	
	9 1,4-Dichlorobenzene	146	7.568	7.568	(1.002)	130486	1.66350	100.0
$	10 1,2-Dichlorobenzene-d4	152	7.845	7.844	(1.039)	65035	1.59895	96.14
	11 Benzyl alcohol	79	7.828	7.810	(1.037)	363907	5.03740	302.9
	12 1,2-Dichlorobenzene	146	7.863	7.862	(1.041)	127215	1.80098	108.3
	13 2-Methylphenol	108	8.061	8.046	(1.067)	132220	1.93551	116.4
	15 4-Methylphenol	108	8.291	8.277	(1.098)	265849	3.80636	228.9
	16 N-Nitroso-di-n-propylamine	70	8.276	8.261	(1.096)	120684	1.84723	111.1
$	18 Nitrobenzene-d5	82	8.445	8.446	(0.885)	148750	1.69203	101.7
	22 2,4-Dimethylphenol	107	9.082	9.081	(0.952)	151122	1.89884	114.2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	9.486	9.485	(0.994)	100400	1.99274	119.8
*	27 Naphthalene-d8	136	9.543	9.542	(1.000)	323853	2.00000	
	30 Hexachlorobutadiene	225	9.889	9.888	(1.036)	53556	2.04175	122.8
$	36 2-Fluorobiphenyl	172	11.320	11.320	(0.915)	212271	1.73801	104.5
	39 Dimethylphthalate	163	12.046	12.047	(0.973)	281979	2.20204	132.4
*	42 Acenaphthene-d10	162	12.375	12.376	(1.000)	171199	2.00000	
	50 Diethylphthalate	149	13.193	13.192	(1.066)	389688	2.98586	179.5
	54 N-Nitrosodiphenylamine	169	13.471	13.470	(0.914)	174341	1.97815	118.9
$	55 2,4,6-Tribromophenol	330	13.668	13.667	(0.927)	45790	3.29972	198.4
	57 Hexachlorobenzene	284	14.275	14.275	(0.969)	68782	2.14238	128.8
	58 Pentachlorophenol	266	14.568	14.567	(0.988)	44257	2.24144	134.8
*	59 Phenanthrene-d10	188	14.737	14.736	(1.000)	293562	2.00000	
$	66 Terphenyl-d14	244	17.381	17.382	(0.913)	130997	2.68430	161.4
	67 Butylbenzylphthalate	149	18.249	18.249	(0.959)	145248	2.38018	143.1
*	69 Chrysene-d12	240	19.036	19.036	(1.000)	156881	2.00000	
*	77 Perylene-d12	264	21.190	21.175	(1.000)	148943	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.698	22.683	(1.071)	200710	2.90125	174.4
	90 N-Nitrosodimethylamine	74	3.623	3.500	(0.480)	85245	1.68695	101.4

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: pb35oms.d
Lab Smp Id: PB35OMS
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12731

Calibration Date: 13-JUN-2009
Calibration Time: 10:42
Client Smp ID: 3SED12-A MS
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	107058	-10.62
27 Naphthalene-d8	372217	186108	744434	323853	-12.99
42 Acenaphthene-d10	182713	91356	365426	171199	-6.30
59 Phenanthrene-d10	286879	143440	573758	293562	2.33
69 Chrysene-d12	251912	125956	503824	156881	-37.72
77 Perylene-d12	231524	115762	463048	148943	-35.67

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.55	7.05	8.05	7.55	0.01
27 Naphthalene-d8	9.54	9.04	10.04	9.54	0.01
42 Acenaphthene-d10	12.38	11.88	12.88	12.37	-0.01
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	0.01
69 Chrysene-d12	19.04	18.54	19.54	19.04	0.00
77 Perylene-d12	21.18	20.68	21.68	21.19	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35OMS
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12731

Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED12-A MS
Operator: VTS
SampleType: MS
Quant Type: ISTD

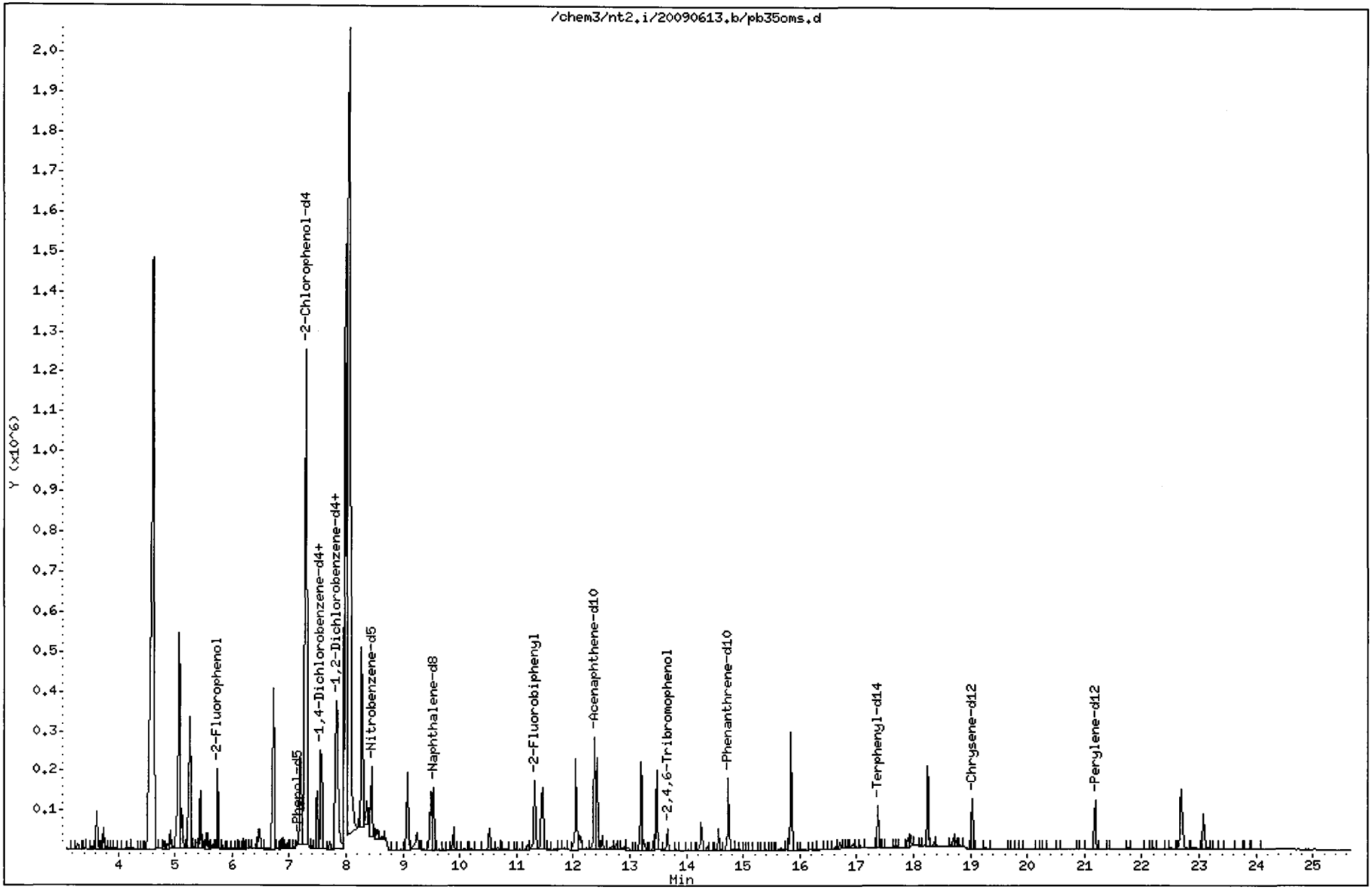
SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	150.3	94.41	62.81	30-160
7 1,3-Dichlorobenzen	150.3	115.6	76.92	30-160
9 1,4-Dichlorobenzen	150.3	100.0	66.54	30-160
11 Benzyl alcohol	300.6	302.9	100.75	30-160
12 1,2-Dichlorobenzen	150.3	108.3	72.04	30-160
13 2-Methylphenol	150.3	116.4	77.42	30-160
15 4-Methylphenol	300.6	228.9	76.13	30-160
16 N-Nitroso-di-n-pro	150.3	111.1	73.89	30-160
22 2,4-Dimethylphenol	150.3	114.2	75.95	30-160
26 1,2,4-Trichloroben	150.3	119.8	79.71	30-160
30 Hexachlorobutadien	150.3	122.8	81.67	30-160
50 Diethylphthalate	150.3	179.5	119.43	30-160
54 N-Nitrosodiphenyla	150.3	118.9	79.13	30-160
57 Hexachlorobenzene	150.3	128.8	85.70	30-160
58 Pentachlorophenol	150.3	134.8	89.66	30-160
67 Butylbenzylphthala	150.3	143.1	95.21	30-160
79 Dibenzo(a,h)anthra	150.3	174.4	116.05	30-160
90 N-Nitrosodimethyla	150.3	101.4	67.48	30-160

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	225.5	142.3	63.11	30-160
$ 2 Phenol-d5	225.5	~~16.28~~	~~7.22*~~	30-160
$ 5 2-Chlorophenol-d4	225.5	167.7	74.38	30-160
$ 10 1,2-Dichlorobenzen	150.3	96.14	63.96	30-160
$ 18 Nitrobenzene-d5	150.3	101.7	67.68	30-160
$ 36 2-Fluorobiphenyl	150.3	104.5	69.52	30-160
$ 55 2,4,6-Tribromophen	225.5	198.4	87.99	30-160
$ 66 Terphenyl-d14	150.3	161.4	107.37	30-160

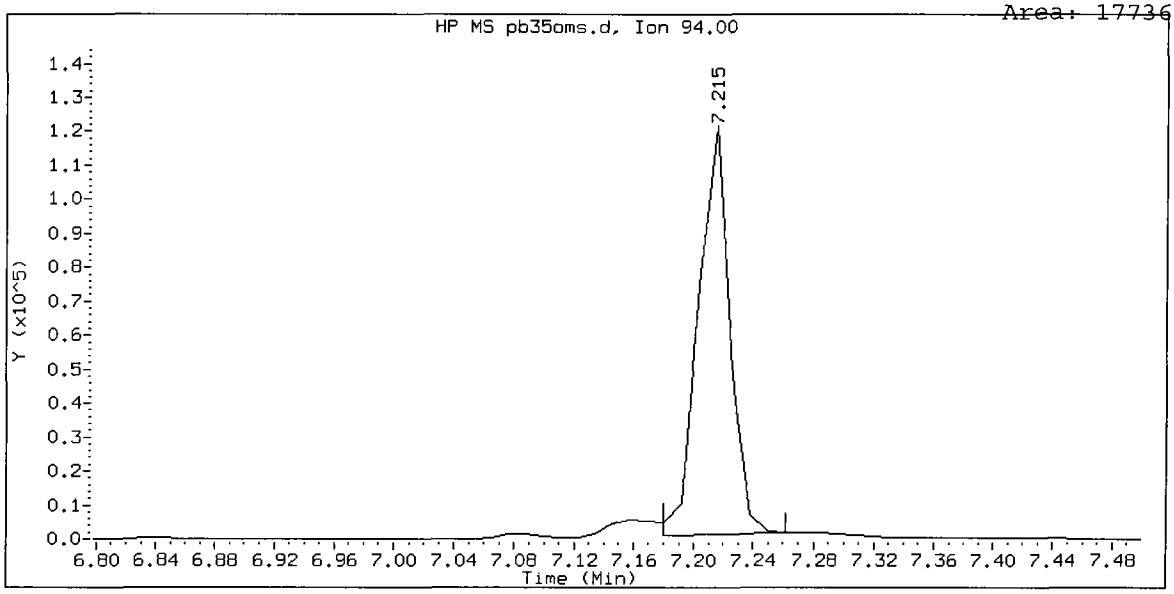
Data File: /chem3/nt2.i/20090613.b/pb35oms.d
Date : 13-JUN-2009 14:08
Client ID: 3SED12-A MS
Sample Info: PB35OMS
Volume Injected (uL): 2.0
Column phase: ZB-5

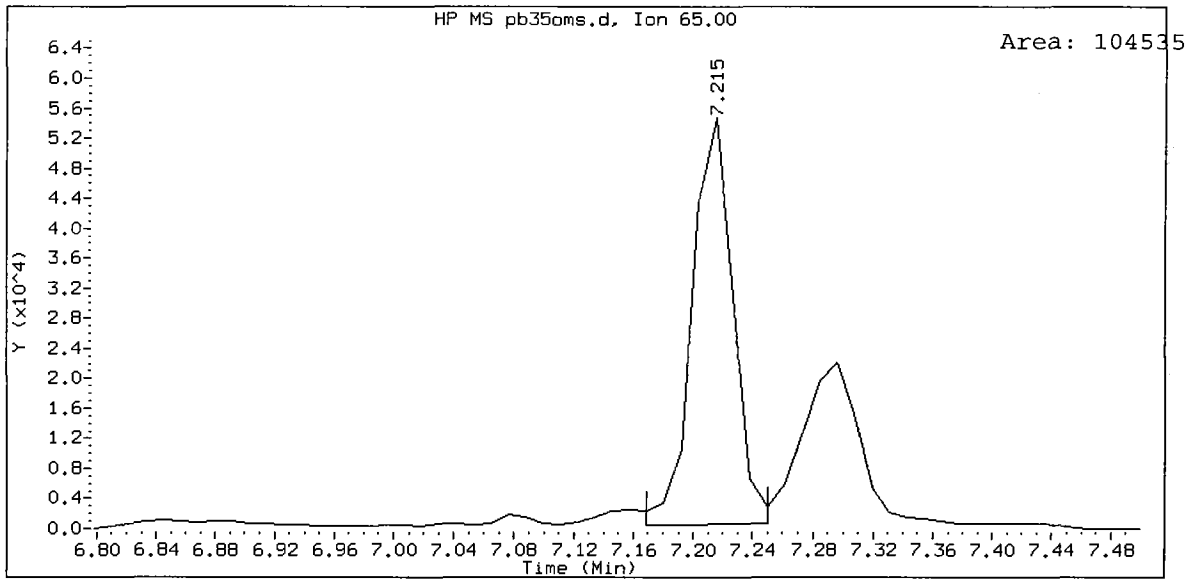
Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



PB35OMS, /chem3/nt2.i/20090613.b/pb35oms.d
Phenol Amount: 1.57





ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED12-A**
Page 1 of 1 **MATRIX SPIKE DUPLICATE**

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/08/09
Date Analyzed: 06/13/09 14:42
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.0%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	---
106-46-7	1,4-Dichlorobenzene	6.0	---
120-82-1	1,2,4-Trichlorobenzene	6.0	---
118-74-1	Hexachlorobenzene	6.0	---
87-68-3	Hexachlorobutadiene	6.0	---
131-11-3	Dimethylphthalate	15	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	6.0	---
105-67-9	2,4-Dimethylphenol	6.0	---
86-30-6	N-Nitrosodiphenylamine	6.0	---
100-51-6	Benzyl Alcohol	30	---
87-86-5	Pentachlorophenol	30	---
95-50-1	1,2-Dichlorobenzene	6.0	---
541-73-1	1,3-Dichlorobenzene	6.0	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	67.6%	d5-Phenol	61.6%
2-Fluorophenol	63.2%	d4-2-Chlorophenol	73.6%
d4-1,2-Dichlorobenzene	64.8%	d5-Nitrobenzene	66.4%
2,4,6-Tribromophenol	85.6%	d14-p-Terphenyl	105%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090613.b/pb35omsd.d
Lab Smp Id: PB35OMSD Client Smp ID: 3SED12-A MSD
Inj Date : 13-JUN-2009 14:42
Operator : VTS Inst ID: nt2.i
Smp Info : PB35OMSD
Misc Info : 09-12731
Comment :
Method : /chem3/nt2.i/20090613.b/SIMABN.m
Meth Date : 16-Jun-2009 11:53 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 5 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	25.20000	Weight of sample extracted (g)
M	34.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.753	5.714	(0.762)	144431	2.36919	142.4
$	2 Phenol-d5	99	7.145	7.133	(0.946)	16322	0.20220	12.16(R)
	3 Phenol	94	7.214	7.145	(0.955)	175929	1.63419	98.26(H)
$	5 2-Chlorophenol-d4	132	7.284	7.272	(0.965)	149830	2.76197	166.1
	7 1,3-Dichlorobenzene	146	7.499	7.498	(0.993)	141235	1.95894	117.8
*	8 1,4-Dichlorobenzene-d4	152	7.551	7.550	(1.000)	102038	2.00000	
	9 1,4-Dichlorobenzene	146	7.585	7.568	(1.005)	125910	1.68413	101.3
$	10 1,2-Dichlorobenzene-d4	152	7.845	7.844	(1.039)	62977	1.62453	97.68
	11 Benzyl alcohol	79	7.827	7.810	(1.037)	362381	5.26307	316.4
	12 1,2-Dichlorobenzene	146	7.862	7.862	(1.041)	125648	1.86631	112.2
	13 2-Methylphenol	108	8.062	8.046	(1.068)	124604	1.91376	115.1
	15 4-Methylphenol	108	8.292	8.277	(1.098)	261886	3.93409	236.5
	16 N-Nitroso-di-n-propylamine	70	8.277	8.261	(1.096)	122769	1.97159	118.5
$	18 Nitrobenzene-d5	82	8.446	8.446	(0.885)	145556	1.65737	99.65
	22 2,4-Dimethylphenol	107	9.082	9.081	(0.952)	151660	1.90751	114.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	9.485	9.485	(0.994)	100547	1.99766	120.1
*	27 Naphthalene-d8	136	9.543	9.542	(1.000)	323528	2.00000	
	30 Hexachlorobutadiene	225	9.889	9.888	(1.036)	52488	2.00305	120.4
$	36 2-Fluorobiphenyl	172	11.321	11.320	(0.915)	202025	1.69015	101.6
	39 Dimethylphthalate	163	12.047	12.047	(0.973)	266347	2.12528	127.8
*	42 Acenaphthene-d10	162	12.376	12.376	(1.000)	167549	2.00000	
	50 Diethylphthalate	149	13.193	13.192	(1.066)	341810	2.67606	160.9
	54 N-Nitrosodiphenylamine	169	13.470	13.470	(0.914)	176636	2.02808	121.9
$	55 2,4,6-Tribromophenol	330	13.667	13.667	(0.927)	43962	3.20574	192.7
	57 Hexachlorobenzene	284	14.274	14.275	(0.969)	69444	2.18877	131.6
	58 Pentachlorophenol	266	14.567	14.567	(0.988)	41603	2.13213	128.2
*	59 Phenanthrene-d10	188	14.736	14.736	(1.000)	290105	2.00000	
$	66 Terphenyl-d14	244	17.382	17.382	(0.913)	126829	2.62306	157.7
	67 Butylbenzylphthalate	149	18.261	18.249	(0.959)	142492	2.35672	141.7
*	69 Chrysene-d12	240	19.037	19.036	(1.000)	155436	2.00000	
*	77 Perylene-d12	264	21.191	21.175	(1.000)	152010	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.699	22.683	(1.071)	194268	2.75147	165.4
	90 N-Nitrosodimethylamine	74	3.616	3.500	(0.479)	84978	1.76440	106.1

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: pb35omsd.d
Lab Smp Id: PB35OMSD
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12731

Calibration Date: 13-JUN-2009
Calibration Time: 10:42
Client Smp ID: 3SED12-A MSD
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	102038	-14.82
27 Naphthalene-d8	372217	186108	744434	323528	-13.08
42 Acenaphthene-d10	182713	91356	365426	167549	-8.30
59 Phenanthrene-d10	286879	143440	573758	290105	1.12
69 Chrysene-d12	251912	125956	503824	155436	-38.30
77 Perylene-d12	231524	115762	463048	152010	-34.34

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.55	7.05	8.05	7.55	0.00
27 Naphthalene-d8	9.54	9.04	10.04	9.54	0.01
42 Acenaphthene-d10	12.38	11.88	12.88	12.38	0.00
59 Phenanthrene-d10	14.74	14.24	15.24	14.74	0.00
69 Chrysene-d12	19.04	18.54	19.54	19.04	0.00
77 Perylene-d12	21.18	20.68	21.68	21.19	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB35OMSD
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090613.b/SIMABN.m
Misc Info: 09-12731

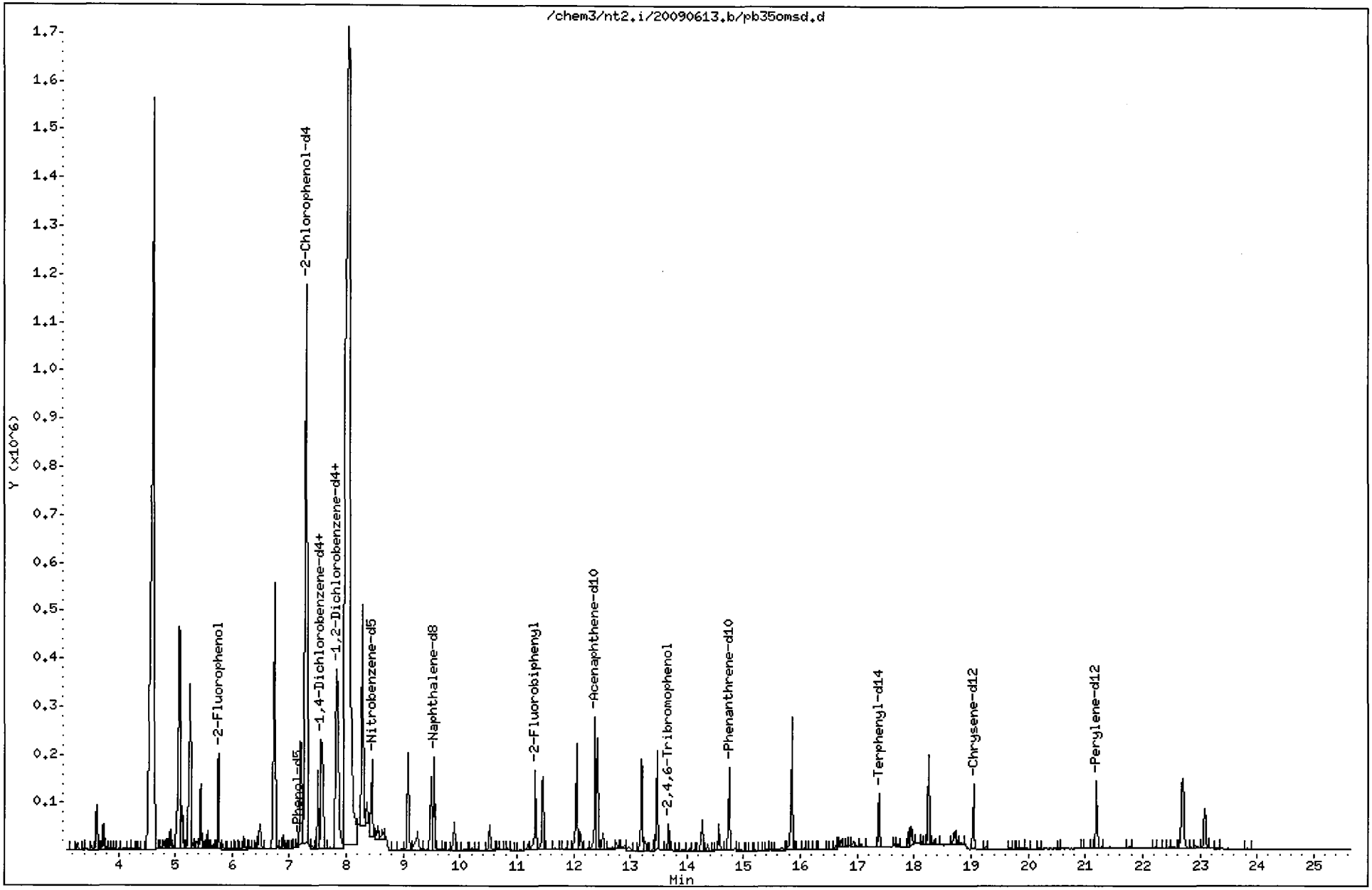
Client SDG: PB35
Fraction: SV
Client Smp ID: 3SED12-A MSD
Operator: VTS
SampleType: MSD
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	150.3	98.26	65.37	30-160
7	1,3-Dichlorobenzen	150.3	117.8	78.36	30-160
9	1,4-Dichlorobenzen	150.3	101.3	67.37	30-160
11	Benzyl alcohol	300.6	316.4	105.26	30-160
12	1,2-Dichlorobenzen	150.3	112.2	74.65	30-160
13	2-Methylphenol	150.3	115.1	76.55	30-160
15	4-Methylphenol	300.6	236.5	78.68	30-160
16	N-Nitroso-di-n-pro	150.3	118.5	78.86	30-160
22	2,4-Dimethylphenol	150.3	114.7	76.30	30-160
26	1,2,4-Trichloroben	150.3	120.1	79.91	30-160
30	Hexachlorobutadien	150.3	120.4	80.12	30-160
50	Diethylphthalate	150.3	160.9	107.04	30-160
54	N-Nitrosodiphenyla	150.3	121.9	81.12	30-160
57	Hexachlorobenzene	150.3	131.6	87.55	30-160
58	Pentachlorophenol	150.3	128.2	85.29	30-160
67	Butylbenzylphthala	150.3	141.7	94.27	30-160
79	Dibenzo(a,h)anthra	150.3	165.4	110.06	30-160
90	N-Nitrosodimethyla	150.3	106.1	70.58	30-160

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	225.5	142.4	63.18	30-160
$ 2	Phenol-d5	225.5	~~12.16~~ 139	~~5.39*~~	30-160
$ 5	2-Chlorophenol-d4	225.5	166.1	73.65	30-160
$ 10	1,2-Dichlorobenzen	150.3	97.68	64.98	30-160
$ 18	Nitrobenzene-d5	150.3	99.65	66.29	30-160
$ 36	2-Fluorobiphenyl	150.3	101.6	67.61	30-160
$ 55	2,4,6-Tribromophen	225.5	192.7	85.49	30-160
$ 66	Terphenyl-d14	150.3	157.7	104.92	30-160

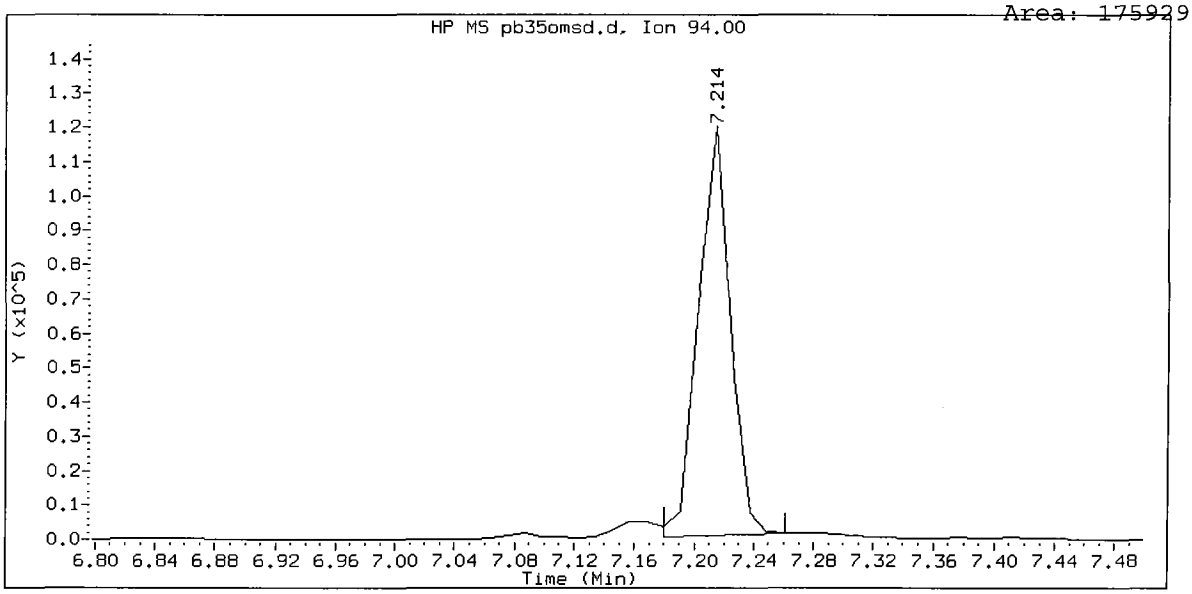
Data File: /chem3/nt2.i/20090613.b/pb35omsd.d
Date : 13-JUN-2009 14:42
Client ID: 3SED12-A MSD
Sample Info: PB35OMSD
Volume Injected (uL): 2.0
Column phase: ZB-5

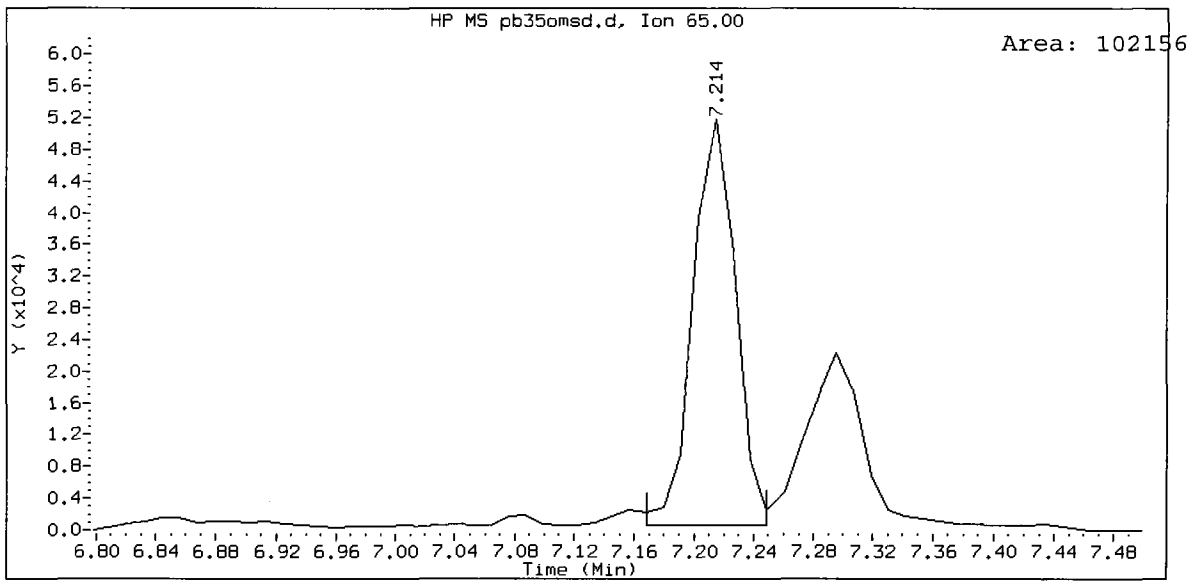
Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



PB35:50796

PB35OMSD, /chem3/nt2.i/20090613.b/pb35omsd.d
Phenol Amount: 1.63





SIM Semivolatile Analysis
Extraction Bench Sheets/Run Logs

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet

8270 SIM BAN PSDDA–Soil/Sediment Sonication (3550B) SOP # 374S

Preparation Test BAN # 7
ARI Job No(s) PB35

SIM BAN
Batch set up by: JH

Bottle #	Extraction Requirements	Verify Client ID	Volume Extracted	KD	Turbo Vap 1 2 3	GPC Prep Filter (1:1)	(REQ) GPC (1:1) (1) or 2 (Y) / N	Post GPC KD	Turbo Vap (1) 2 3	Final Effective Volume	Volume to Lab	Comments
	MBS PB35	Date 6-8-09	16g							1mL	1mL	(Use 5g Pre-Deactivated Sodium Sulfate for Blanks)
	SBS	✓	↓						↓	↓	↓	↓
	~~SBS Dup.~~		↓							↓	↓	↓
3	PB35 A	verified	26.10									
3	C		29.23			GPX						
3	E		31.19			GPX						
3	G		24.27			↓						
4	I		24.07									
6	J		25.19			GPX						
3	K		24.28									
5	M		26.11									
4	O		25.03									
	Oms		25.14									
	Omsd		25.13									
↓	Q	↓	27.29	↓	↓	↓	↓	↓	↓	↓	↓	
									CJZ			
Analyst/Date: AC 6-8-09				ARTER 6/09/09	TH 6/10/09 →	→	→	RAC 6/11/09	6/11/09	→	→	

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Diluted Surrogate	C_{23}	100µL	3/13/14	AC	WW
Diluted Full List Spike	24	250µL	8/01/09	AC	WW
Diluted Base Spike	23	250µL	3/24/14	AC	WW
Diluted Acid Spike	14	250µL	4/14/14	AC	WW
Extraction Time:	1645				

SPECIAL INSTRUCTIONS: 1. Weigh soil/sed into 600mL or 400mL beakers. 2. Use 5g Pre-Deactivated Sodium Sulfate for Blanks. 3. Add surr/spike. 4. Add 1:1 DCM/Acetone. 5. Dry using neutral sodium sulfate-25g Max at first-A small amt of Additional sulfate may be needed after 10 min. or before 2nd sonication? 6. Sonicate 2X with 1:1 DCM/Acetone + 1X DCM only. 7. Collect into 500mL flask + Lg funnel with a small amount pre-deactivated glasswool only (NO SODIUM SULFATE). 8. KD (Small Drying Column with pre-deactivated glasswool plug+neutral Sodium Sulfate) at 85-90°. (Blanks=only 5g Sodium Sulfate. 9. TurboVap. 10. GPC Required (1:1) 11. KD (after GPC=No drying column) at 80°. 12. TurboVap. 13. Vial in DCM.
A. Need Total Solids Y (N) B. Archive/Freeze Y (N)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: PB35

Client ID: Environmental Science Corp

Parameter: SIM SVOA

Client Project: Jeld-Wen Naval Door

SOP Number(s): 3745

No Anomalies:

List problems, concerns, corrective actions and any other pertinent information
All of the samples were wet. WC 6/05/09

Analyst Initials:		Date:	

3056F

Revision 006
1/12/07

Analytical Resources Inc.: Organics Instrument Log

NT-2 Serial No.: 82321977

Date: 5/11/09 Analysis: SIMABN Analyst: JK

GC Program: SIMWIND Column No: 154335 Column Type: ZB5 msi

Instrument Tune (.U or .CT.): 090313.U EM Voltage: 2400

Calibration File: df0511 Curve Date: 5/11/09

IS/SS	Ical/Ccal	LCS/ICV
1584-1	1550-1,2	
	(1551, 1552, 1553)-1	

INTERNAL STANDARD SUMMARY FOR DATABATCH - /chem3/nt2.i/20090511.b/tune.b

	Time	Filename	LabID	ClientId	DF									
1	1113	fs0511.d	ABN 25		1	NO ISTDS FOUND								
2	1217	ic051101.d	ABN 2.5		1	7.88	119785	9.88	372217	12.72	182713	15.09	286879	19.41	251912	21.58	231524
3	1250	ic051102.d	ABN 10		1	7.89	163823	9.90	475727	12.72	232658	15.11	392733	19.43	346324	21.58	314498
4	1323	ic051103.d	ABN 0.1		1	7.89	129315	9.88	365716	12.72	175890	15.09	301577	19.41	269577	21.57	249669
5	1357	ic051104.d	ABN 5		1	7.89	141854	9.88	426510	12.72	209873	15.11	336119	19.41	301395	21.58	274183
6	1432	ic051105.d	ABN 0.5		1	7.88	133094	9.88	388129	12.72	197507	15.09	320964	19.41	281495	21.57	255895
7	1506	ic051106.d	ABN 1		1	7.88	141330	9.88	409195	12.72	210100	15.09	330345	19.41	285999	21.57	270022
8	1540	ic051107.d	ICV		1	7.88	137062	9.88	379995	12.72	206756	15.09	313632	19.41	294587	21.57	271892
9	1639	051101.d	OW95MBS1	OW95MBS1	1	7.87	125969	9.88	395227	12.72	194966	15.09	303242	19.41	260191	21.57	171087
10	1713	051102.d	OW95LCSS1	OW95LCSS1	1	7.87	124262	9.88	382642	12.72	191566	15.09	298149	19.41	257000	21.57	187290
11	1747	051103.d	OW95SRM1	SQ-1	1	7.89	121581	9.88	379628	12.72	185402	15.11	302538	19.41	214426	21.58	176133
12	1821	051104.d	OW95A	LDW-ISWM-A5-01	3	7.89	114479	9.90	342236	12.73	203830	15.14	390990	19.49	199028	21.65	68515
13	1855	051105.d	OW95H	LDW-ISWM-A3-02	5	7.89	127419	9.88	346120	12.72	180761	15.11	286094	19.46	224707	21.63	79715

JK 5/13/09

Maintenance / Comments

New liner, clip col.

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): ICO51101

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: _____ Client ID: _____

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) **804S**(8270D)

Parameter(s): NTL SIM ABN CURVE 5/11/09

Instrument: NT-1 (NT-2) NT-4 NT-6 NT-8

Curve Date: _____ Analysis Start Date: _____

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	(YES) / NO
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	YES / NO
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	YES / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	YES / NO
CCal Meets RF & %RSD Criteria?	YES / NO	Special Analysis Criteria Met?	YES / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

All cmpds < 20% RSD

Additional Details on Reverse: Yes / No

Analyst Signature: _____ **Date:** 5/12/09

Reviewer's Signature: _____ **Date:** 6/17/09

Analytical Resources Inc.: Organics Instrument Log

NT-2 Serial No.: 82321977

Date: 6.13.2009 Analysis: SimABN Analyst: VTS/pk

GC Program: SIMWIND Column No: 154795 Column Type: 30m msi

Instrument Tune (.U or .CT.): 090313.U EM Voltage: 2471

Calibration File: df0613 Curve Date: 5/11/09

IS/SS	Ical/Ccal	LCS/ICV
1584-1	1550-1,2 (1551, 1552, 1553) -1	

INTERNAL STANDARD SUMMARY FOR DATABATCH - /chem3/nt2.i/20090613.b

	Time	Filename	LabID	ClientId	DF									
1	1021	df0613.d	DF0613		1	NO ISTDS FOUND								
2	1042	cc0613.d	CC0613		1	7.55	102394	9.54	319796	12.38	167970	14.74	271842	19.04	211966	21.18	169442
3	1551	pb35a.d	PB35A	3SED1-A	3	7.55	104148	9.54	329832	12.38	161068	14.74	262826	19.04	176120	21.21	138872
4	1626	pb35c.d	PB35C	3SED1-B	3	7.57	103794	9.54	324588	12.38	165322	14.74	260908	19.04	179721	21.21	122807
5	1700	pb35e.d	PB35E	3SED1-C	3	7.55	106386	9.54	336360	12.37	166304	14.74	273683	19.04	180319	21.21	110584
6	1735	pb35g.d	PB35G	3SED2-A	3	7.55	106957	9.54	345711	12.38	163928	14.74	282870	19.05	198340	21.21	95457
7	1809	pb35i.d	PB35I	3SED2-B	3	7.55	107587	9.54	350131	12.37	169079	14.75	299670	19.05	204877	21.21	107030
8	1844	pb35j.d	PB35J	3SED2-C	3	7.55	106826	9.54	353314	12.38	164701	14.75	275658	19.05	214046	21.22	90507
9	1918	pb35k.d	PB35K	3SED11-A	1	7.57	120777	9.54	377841	12.37	183207	14.74	302724	19.04	190040	21.19	101631
10	1953	pb35m.d	PB35M	3SED11-B	1	7.57	116796	9.54	379721	12.38	180837	14.75	302508	19.04	191699	21.19	106926
11	1118	pb35mb.d	PB35MBS1	PB35MBS1	1	7.53	108792	9.52	315582	12.38	172675	14.74	235288	19.04	223971	21.18	165738
12	1225	pb35mbr.d	PB35MBS1	PB35MBS1	1	7.55	109310	9.52	329712	12.38	173447	14.74	294124	19.04	223405	21.17	172154
13	1334	pb35o.d	PB35O	3SED12-A	1	7.55	106551	9.52	320640	12.38	169380	14.74	282349	19.04	153748	21.19	146032
14	1408	pb35oms.d	PB35OMS	3SED12-A MS	1	7.55	107058	9.54	323853	12.37	171199	14.74	293562	19.04	156881	21.19	148943
15	1442	pb35omsd.d	PB35OMSD	3SED12-A MSD	1	7.55	102038	9.54	323528	12.38	167549	14.74	290105	19.04	155436	21.19	152010
16	1517	pb35q.d	PB35Q	3SED12-B	1	7.55	107154	9.54	322884	12.37	165955	14.74	294676	19.04	162045	21.19	157127
17	1152	pb35sb.d	PB35LCSS1	PB35LCSS1	1	7.55	115137	9.54	363423	12.39	193128	14.74	313779	19.04	220305	21.19	163279
18	1259	pb35sbr.d	PB35LCSS1	PB35LCSS1	1	7.55	108996	9.52	327258	12.38	176860	14.74	292868	19.02	208235	21.18	158565

Maintenance / Comments

6/16/09

New liner, clip col

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): CC0613

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources Inc.: Organics Instrument Log

NT-2 Serial No.: 82321977

Date: 6/16/09 Analysis: SIM ABN Analyst: ML

GC Program: SIMWIND Column No: 154335 Column Type: 2X5 MSI

Instrument Tune (.U or .CT.): 090313.U EM Voltage: 2600

Calibration File: fs0615 Curve Date: 5/11/09

IS/SS	Ical/Ccal	LCS/ICV
	1550-1,2	
1584-1	(1551, 1552, 1553)-1	

INTERNAL STANDARD SUMMARY FOR DATABATCH - /chem3/nt2.i/20090615.b

	Time	Filename	LabID	ClientId	DF											
1	1015	fs0615.d	ABN 25		1	7.48	695501	9.48	2621313	12.31	1387731	14.67	2235959	18.97	2181268	21.12	1806242
2	1215	cc0615.d	ABN 2.5		1	7.47	127809	9.46	386074	12.30	198525	14.64	337566	18.93	285992	21.08	233429
3	1332	061501.d	PB06MBS1	PB06MBS1	1	7.47	170403	9.44	514666	12.28	260228	14.64	440054	18.93	353464	21.08	267861
4	1406	061502.d	PB06LCSS1	PB06LCSS1	1	7.47	180262	9.44	542835	12.28	282065	14.64	469556	18.93	390960	21.08	275877
5	1439	061503.d	PB35E	3SED1-C	3	7.47	180109	9.46	524998	12.28	258663	14.64	471310	18.94	316430	21.10	234750
6	1513	061504.d	PB35G	3SED2-A	3	7.47	182024	9.46	553253	12.30	282375	14.64	516676	18.94	344541	21.10	192919
7	1547	061505.d	PB35I	3SED2-B	3	7.47	179126	9.46	552433	12.30	281792	14.66	514213	18.96	349131	21.10	207020
8	1621	061506.d	PB35J	3SED2-C	3	7.47	215075	9.46	637074	12.30	328114	14.64	604448	18.96	426405	21.13	191888
9	1655	061507.d	PB35K	3SED11-A	1	7.49	178453	9.46	532336	12.30	274034	14.64	456482	18.94	309743	21.08	165027
10	1729	061508.d	PB35M	3SED11-B	1	7.49	192009	9.46	573327	12.30	294291	14.64	516722	18.94	344869	21.10	184053
11	1803	061509.d	PB06A	BW-01-SS-09060	1	7.49	179534	9.46	545059	12.30	276458	14.64	479104	18.94	326819	21.10	156804
12	1837	061510.d	PB06C	BW-03-SS-09060	1	7.48	174675	9.44	527194	12.30	270350	14.65	468547	18.94	306746	21.10	145979
13	1911	061511.d	PB06G	BW-07-SS-09060	1	7.48	186497	9.46	570256	12.30	296088	14.64	530332	18.96	336689	21.11	138651
14	1945	061512.d	PB06GMS	BW-07-SS-09 MS	1	7.49	182297	9.46	551114	12.30	289566	14.66	508354	18.96	323608	21.11	128786
15	2019	061513.d	PB06GMSD	BW-07-SS-0 MSD	1	7.49	185030	9.46	569312	12.30	302688	14.66	517538	18.96	326819	21.11	125452
16	2054	061514.d	PB06I	BW-09-SS-09060	1	7.48	195931	9.46	595776	12.30	312542	14.64	528797	18.94	334680	21.10	125933
17	2128	061515.d	PB06K	BW-11-SS-09060	1	7.48	188549	9.46	562081	12.30	297507	14.66	514508	18.94	309578	21.10	115726
18	2202	061516.d	PB06M	BW-53-SS-09060	1	7.48	193020	9.46	577115	12.30	305188	14.66	520477	18.94	324686	21.10	121337

Maintenance / Comments ML 6/16/09

New liner, clip cut

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): CC0615

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: PB35 Client ID: Env. Science

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) **804S**(8270D)

Parameter(s): Silm ATSW

Instrument: NT-1 (NT-2) NT-4 NT-6 NT-8

Curve Date: 5/14/09 Analysis Start Date: 6/13/09

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	(YES) / NO
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	(YES) / NO
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	(YES) / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	(YES) / NO
CCal Meets RF & %RSD Criteria?	(YES) / NO	Special Analysis Criteria Met?	YES / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

- Diethylphthalate in MB @ J level. Samples "B" flagged - Not requested ✓
- Some samples run @ 3x by VS due to color/viscosity.
- Most run 2.5x due to IS out.
- (J) ~~Ran 3x & still~~ had 1 IS out after 3 runs. report 60/5 run. 10.7% High 111%

Additional Details on Reverse: Yes / No

Analyst Signature: [signature] **Date:** 6/16/09

Reviewer's Signature: [signature] **Date:** 6/17/09

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: PB35 Client ID: ESC

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) **804S**(8270D)

Parameter(s): SIM ABN

Instrument: NT-1 (NT-2) NT-4 NT-6 NT-8

Curve Date: 5/11/09 Analysis Start Date: 6/13/09

DFTPP Tune Meets Criteria?	YES / NO	Internal Standard Meets Criteria?	YES / NO
DDT Breakdown <20%?	YES / NO / NA	Method Blank In Control?	YES / NO
Peak Tailing Factor In Control?	YES / NO / NA	LCS / LCSD Recovery In Control?	YES / NO
ICal Meets RF & %RSD Criteria?	YES / NO	Surrogate Recovery In Control?	YES / NO
CCal Meets RF & %RSD Criteria?	YES / NO	Special Analysis Criteria Met?	YES / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

- Data for sample Q was omitted in original package.
Q Data from 6/13 plus edited forms.

Additional Details on Reverse: Yes / No

Analyst Signature: _____ **Date:** 6/22/09

Reviewer's Signature: _____ **Date:** 6/22/09

Analytical Resources, Inc.

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: GPC1 CAL
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090414.b/SW846.m
Misc Info:

Client SDG: 20090414
Fraction: SV

Operator: LJR/VTS
SampleType: LCS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
3	Phenol	1667	1197	71.85	37-92
4	Bis(2-Chloroethyl)	1667	1280	76.80	40-83
6	2-Chlorophenol	1667	1397	83.80*	42-80
7	1,3-Dichlorobenzen	1667	1490	89.38*	39-75
9	1,4-Dichlorobenzen	1667	1491	89.45*	40-75
11	Benzyl alcohol	3333	1369	41.07	25-90
12	1,2-Dichlorobenzen	1667	1484	89.01*	40-76
13	2-Methylphenol	1667	1350	80.99	40-86
14	2,2'-oxybis(1-Chlo	1667	1124	67.44	26-100
15	4-Methylphenol	3333	2600	78.01	40-92
16	N-Nitroso-di-n-pro	1667	1131	67.84	29-95
17	Hexachloroethane	1667	1383	83.00*	37-73
19	Nitrobenzene	1667	1322	79.34	37-85
20	Isophorone	1667	1354	81.26	42-91
21	2-Nitrophenol	1667	1523	91.38*	40-86
22	2,4-Dimethylphenol	1667	1149	68.95	23-85
23	Bis(2-Chloroethoxy	1667	1353	81.21	40-87
24	Benzoic acid	5000	1214	24.29*	29-104
25	2,4-Dichlorophenol	1667	1559	93.54*	42-88
26	1,2,4-Trichloroben	1667	1580	94.79*	40-81
28	Naphthalene	1667	1531	91.88*	41-80
29	4-Chloroaniline	4000	1213	30.32	14-80
30	Hexachlorobutadien	1667	1644	98.65*	37-85
31	4-Chloro-3-methylp	1667	1427	85.60	40-94
32	2-Methylnaphthalen	1667	1491	89.48*	44-82
33	Hexachlorocyclopen	5000	1541	30.81	10-98
34	2,4,6-Trichlorophe	1667	1584	95.07*	42-88
35	2,4,5-Trichlorophe	1667	1599	95.94*	41-89
37	2-Chloronaphthalen	1667	1656	99.38*	42-82
38	2-Nitroaniline	1667	1320	79.21	35-101
39	Dimethylphthalate	1667	1450	86.98	44-91
40	Acenaphthylene	1667	1566	93.97*	44-84
41	2,6-Dinitrotoluene	1667	1570	94.19	42-97

OK

SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
43 3-Nitroaniline	4267	1274	29.87	25-93
44 Acenaphthene	1667	1525	91.52*	42-85
45 2,4-Dinitrophenol	5000	1034	20.68	10-179
46 Dibenzofuran	1667	1523	91.36*	46-84
47 4-Nitrophenol	1667	1369	82.12	26-97
48 2,4-Dinitrotoluene	1667	1534	92.05	41-101
49 Fluorene	1667	1555	93.27*	44-88
50 Diethylphthalate	1667	1449	86.92	46-94
51 4-Chlorophenyl-phe	1667	1582	94.92*	44-87
52 4-Nitroaniline	1667	1258	75.51	24-89
53 4,6-Dinitro-2-meth	5000	1432	28.64	22-128
54 N-Nitrosodiphenyla	1667	1566	93.94	40-111
56 4-Bromophenyl-phen	1667	1599	95.93*	43-91
57 Hexachlorobenzene	1667	1645	98.71*	42-90
58 Pentachlorophenol	1667	1605	96.33*	34-94
60 Phenanthrene	1667	1574	94.45*	45-90
61 Anthracene	1667	1525	91.52*	42-87
62 Carbazole	1667	1524	91.47	43-93
63 Di-n-butylphthalat	1667	1448	86.89	48-99
64 Fluoranthene	1667	1526	91.56	43-98
65 Pyrene	1667	1672	100.31*	39-99
67 Butylbenzylphthala	1667	1506	90.37	41-105
68 Benzo(a)anthracene	1667	1606	96.36*	42-94
70 3,3'-Dichlorobenzi	4267	1359	31.85	14-84
71 Chrysene	1667	1594	95.66*	45-92
72 bis(2-Ethylhexyl)p	1667	1535	92.11	34-111
73 Di-n-octylphthalat	1667	1569	94.12	32-107
74 Benzo(b)fluoranthe	1667	1481	88.84	43-105
75 Benzo(k)fluoranthe	1667	1538	92.26	40-108
76 Benzo(a)pyrene	1667	1519	91.15	41-95
78 Indeno(1,2,3-cd)py	1667	1793	107.57*	28-101
79 Dibenzo(a,h)anthra	1667	1763	105.80*	32-104
80 Benzo(g,h,i)peryle	1667	1762	105.74	18-106
91 Aniline	1667	1053	63.17	10-71
111 Azobenzene (1,2-DP	1667	1320	79.17	40-94
90 N-Nitrosodimethyla	1667	1255	75.29*	31-75
105 1-methylnaphthalen	1667	1604	96.26*	43-87

OK

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	2500	2027	81.08	10-114
$ 2 Phenol-d5	2500	1987	79.47	29-85
$ 5 2-Chlorophenol-d4	2500	2113	84.50*	30-84

PCB Analysis
QC Summary Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
3SED1-A	98.1%	34-141	70.8%	38-102	0
MB-060909	60.5%	40-109	53.2%	35-100	0
LCS-060909	55.5%	40-109	51.5%	35-100	0
3SED1-B	81.5%	34-141	62.6%	38-102	0
3SED1-B MS	91.8%	34-141	66.0%	38-102	0
3SED1-B MSD	112%	34-141	65.2%	38-102	0
3SED1-C	83.0%	34-141	67.0%	38-102	0
3SED2-A	84.0%	34-141	58.6%	38-102	0
3SED2-B	80.1%	34-141	67.2%	38-102	0
3SED2-C	96.2%	34-141	59.8%	38-102	0
3SED11-A	93.0%	34-141	67.0%	38-102	0
3SED11-B	92.2%	34-141	63.8%	38-102	0
3SED12-A	D	34-141	D	38-102	0
3SED12-B	82.5%	34-141	70.5%	38-102	0

Low Level PSDDA Control Limits
Prep Method: SW3550B
Log Number Range: 09-12717 to 09-12733

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-B
MS/MSD

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted MS/MSD: 06/09/09

Sample Amount MS: 25.6 g-dry-wt
MSD: 26.0 g-dry-wt

Date Analyzed MS: 06/13/09 15:34
MSD: 06/13/09 15:51

Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL

Instrument/Analyst MS: ECD5/JGR
MSD: ECD5/JGR

Dilution Factor MS: 5.00
MSD: 5.00

GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Silica Gel: Yes

Percent Moisture: 43.3%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 3.9 U	12.8	19.5	65.6%	12.3	19.2	64.1%	4.0%
Aroclor 1260	5.3	19.7	19.5	73.8%	18.7	19.2	69.8%	5.2%

Results reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: LCS-060909
LAB CONTROL

Lab Sample ID: LCS-060909
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 14:42
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	11.4	20.0	57.0%
Aroclor 1260	12.6	20.0	63.0%

PCB Surrogate Recovery

Decachlorobiphenyl	55.5%
Tetrachlorometaxylene	51.5%

Results reported in µg/kg (ppb)

PCB METHOD BLANK SUMMARY

BLANK NO.

PB35MBS1

Lab Name: ANALYTICAL RESOURCES, INC
Client: ESC

ARI Job No.: PB35
Project: JELD-WEN NORD DOOR

Lab Sample ID: PB35MBS1
Lab File ID: 0613B011

Date Extracted: 06/09/09
Matrix: SOLID

Date Analyzed: 06/13/09
Instrument ID: ECD5

Time Analyzed: 1425
GC Columns: ZB5/ZB35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PB35LCSS1	PB35LCSS1	06/13/09
02	3SED1-A	PB35A	06/13/09
03	3SED1-B	PB35C	06/13/09
04	3SED1-B MS	PB35CMS	06/13/09
05	3SED1-B MSD	PB35CMSD	06/13/09
06	3SED1-C	PB35E	06/13/09
07	3SED2-A	PB35G	06/13/09
08	3SED2-B	PB35I	06/13/09
09	3SED2-C	PB35J	06/13/09
10	3SED11-A	PB35K	06/13/09
11	3SED11-B	PB35M	06/13/09
12	3SED12-A	PB35O	06/13/09
13	3SED12-B	PB35Q	06/13/09

ALL RUNS ARE DUAL COLUMN

FORM 8
PCB INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB5 ID: 0.53(mm) Instrument ID: ECD5

Init. Calib. Date: 06/07/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

					IS1 AREA	RT	IS2 AREA	RT
				ICAL MIDPT	30034732	1.761	12924817	11.307
				UPPER LIMIT	60069464	1.861	25849634	11.407
				LOWER LIMIT	15017366	1.661	6462408	11.207
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
01		IB	06/07/09	0822	29887365	1.755	12901852	11.307
02		0.25 PPM AR1	06/07/09	0839	30034732	1.761	12924817	11.307
03		0.02 PPM AR1	06/07/09	0856	29369163	1.760	12848888	11.308
04		1 PPM AR1660	06/07/09	0913	31598915	1.756	13740600	11.308
05		0.1 PPM AR16	06/07/09	0930	30012814	1.758	13053340	11.308
06		0.5 PPM AR16	06/07/09	0948	30019383	1.758	12990089	11.307
07	ZZZZZ	ZZZZZ	06/07/09	1005	30086173	1.757	13150790	11.307
08		AR1242	06/07/09	1022	30167469	1.759	13147198	11.307
09		AR1248	06/07/09	1039	30307679	1.761	13195695	11.307
10		AR1254	06/07/09	1056	30117529	1.762	13234814	11.307
11		AR2162	06/07/09	1113	30155380	1.760	13091416	11.307
12		AR3268	06/07/09	1130	30793809	1.759	13362803	11.307
13		AR1248	06/13/09	1351	27469181	1.762	11823184	11.307
14		AR1660	06/13/09	1408	29288306	1.761	12783730	11.308
15	PB35MBS1	PB35MBS1	06/13/09	1425	26854805	1.758	11362605	11.307
16	PB35LCSS1	PB35LCSS1	06/13/09	1442	29046529	1.757	12198699	11.307
17	3SED1-A	PB35A	06/13/09	1459	27996021	1.763	9906597	11.309
18	3SED1-B	PB35C	06/13/09	1517	27457882	1.760	9607618	11.308
19	3SED1-B MS	PB35CMS	06/13/09	1534	25682548	1.762	8899527	11.307
20	3SED1-B MSD	PB35CMSD	06/13/09	1551	28005431	1.756	9770679	11.307
21	3SED1-C	PB35E	06/13/09	1608	26705902	1.756	9276045	11.308
22	3SED2-A	PB35G	06/13/09	1626	26676377	1.755	9477868	11.307
23		AR1242	06/13/09	1643	27602238	1.762	9504108	11.307
24		AR1660	06/13/09	1700	28965244	1.759	10341527	11.307
25	3SED2-B	PB35I	06/13/09	1717	26611204	1.763	9504231	11.307
26	3SED2-C	PB35J	06/13/09	1734	26152574	1.761	8956358	11.311
27	3SED11-A	PB35K	06/13/09	1752	26814605	1.758	8762817	11.307
28	3SED11-B	PB35M	06/13/09	1809	27264827	1.760	8887725	11.307
29	3SED12-A	PB35O	06/13/09	1826	29537487	1.761	10243108	11.306
30	3SED12-B	PB35Q	06/13/09	1843	26762375	1.765	9345766	11.306
31		AR1254	06/13/09	1900	26950617	1.762	9828305	11.307
32		AR1660	06/13/09	1918	29060497	1.759	10817576	11.306

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- 0.1 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

FORM VIII PCB

FORM 8
PCB INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB35 ID: 0.53(mm) Instrument ID: ECD5

Init. Calib. Date: 06/07/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

					IS1 AREA	RT	IS2 AREA	RT
				ICAL MIDPT	33277512	3.099	11348053	12.349
				UPPER LIMIT	66555024	3.199	22696106	12.449
				LOWER LIMIT	16638756	2.999	5674026	12.249
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
01		IB	06/07/09	0822	33185708	3.098	11275214	12.349
02		0.25 PPM AR1	06/07/09	0839	33277512	3.099	11348053	12.349
03		0.02 PPM AR1	06/07/09	0856	32683455	3.098	11133973	12.350
04		1 PPM AR1660	06/07/09	0913	34761569	3.097	11959049	12.350
05		0.1 PPM AR16	06/07/09	0930	33204809	3.100	11361303	12.349
06		0.5 PPM AR16	06/07/09	0948	33251696	3.098	11335962	12.350
07	ZZZZZ	ZZZZZ	06/07/09	1005	33173937	3.101	11376607	12.350
08		AR1242	06/07/09	1022	33295484	3.100	11411072	12.350
09		AR1248	06/07/09	1039	33578987	3.100	11440312	12.349
10		AR1254	06/07/09	1056	33481987	3.103	11520226	12.349
11		AR2162	06/07/09	1113	33453094	3.101	11405896	12.349
12		AR3268	06/07/09	1130	34110441	3.100	11603540	12.349
13		AR1248	06/13/09	1351	30193953	3.099	10814332	12.345
14		AR1660	06/13/09	1408	32412879	3.096	11514424	12.345
15	PB35MBS1	PB35MBS1	06/13/09	1425	30563758	3.095	10398197	12.345
16	PB35LCSS1	PB35LCSS1	06/13/09	1442	32296667	3.093	11187588	12.345
17	3SED1-A	PB35A	06/13/09	1459	30457697	3.098	10967033	12.346
18	3SED1-B	PB35C	06/13/09	1517	30222188	3.096	10691427	12.346
19	3SED1-B MS	PB35CMS	06/13/09	1534	28197987	3.098	9887833	12.344
20	3SED1-B MSD	PB35CMSD	06/13/09	1551	31102937	3.097	10907098	12.345
21	3SED1-C	PB35E	06/13/09	1608	29742953	3.097	10220364	12.345
22	3SED2-A	PB35G	06/13/09	1626	29821605	3.094	10094258	12.345
23		AR1242	06/13/09	1643	31181491	3.097	10253050	12.344
24		AR1660	06/13/09	1700	33649205	3.097	10875179	12.345
25	3SED2-B	PB35I	06/13/09	1717	29230217	3.099	10309102	12.346
26	3SED2-C	PB35J	06/13/09	1734	27787861	3.097	9661708	12.348
27	3SED11-A	PB35K	06/13/09	1752	30244200	3.095	9563085	12.344
28	3SED11-B	PB35M	06/13/09	1809	31070375	3.097	9684131	12.344
29	3SED12-A	PB35O	06/13/09	1826	33612344	3.097	11003049	12.345
30	3SED12-B	PB35Q	06/13/09	1843	30780140	3.100	10113507	12.344
31		AR1254	06/13/09	1900	31347999	3.096	10152901	12.345
32		AR1660	06/13/09	1918	33546977	3.096	10977208	12.344

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- 0.1 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

PCB Analysis
Sample Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-A
SAMPLE

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 14:59
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 37.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**7.5**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	98.1%
Tetrachlorometaxylene	70.8%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B013.d
Data file 2: 20090606.B/0613-2.b/0613B013.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35A
Client ID:
Injection Date: 13-JUN-2009 14:59
Report Date: 06/15/2009 14:04
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.396	-0.002	1940594	4.966	0.000	2227597	5.3	5.7	6.6	Tetrachloro-m-xylene
11.059	-0.001	1907337	11.704	0.001	2486186	7.0	7.9	11.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	66.2	70.7
Decachlorobiphenyl	87.8	98.2

M 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27996021	-6.8
Hexabromobiphenyl	12924817	9906597	-23.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	30457697	-8.5
Hexabromobiphenyl	11348053	10967033	-3.4

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

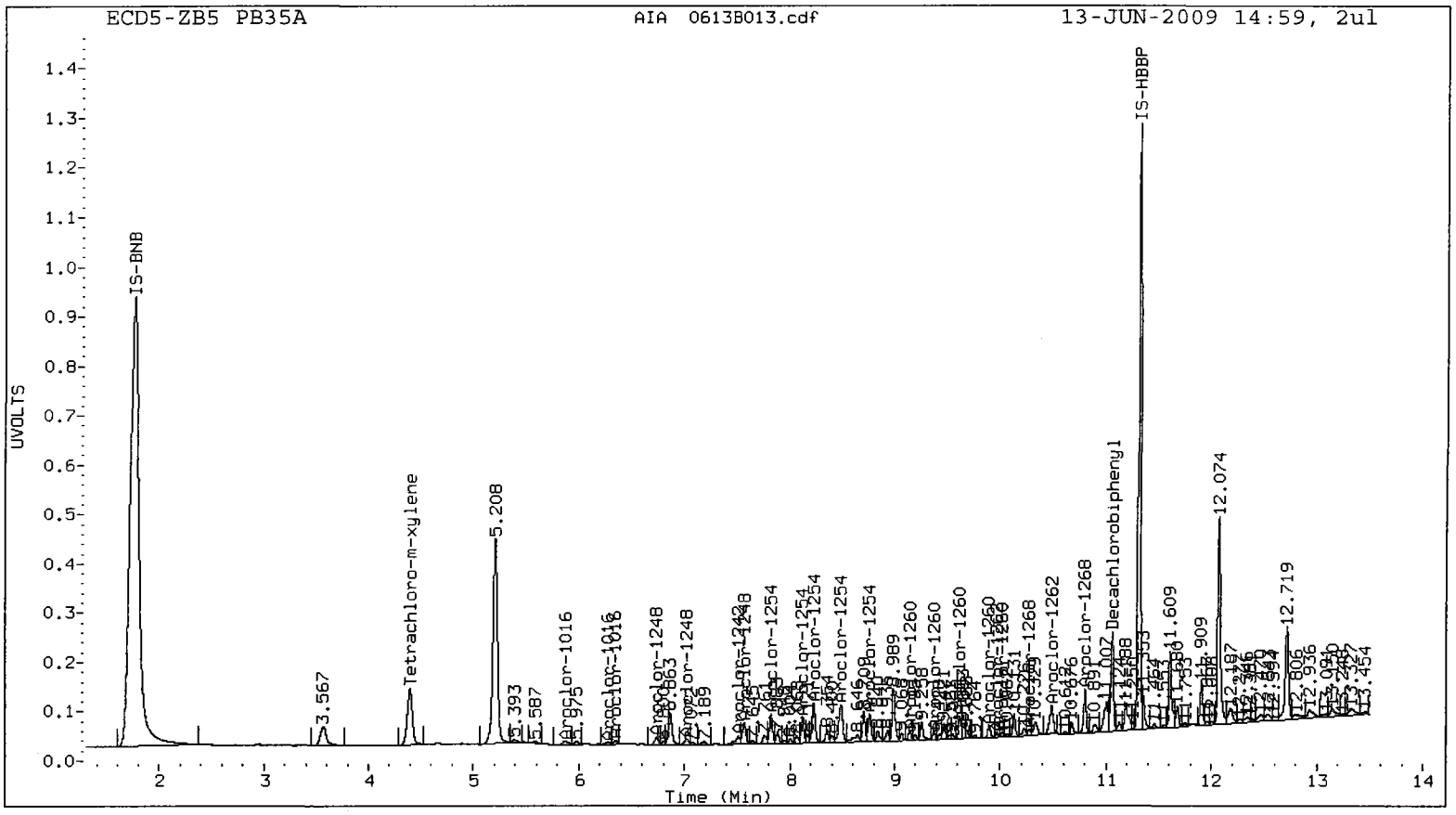
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.871	-0.030	120301	14.2	1	6.535	0.006	51536	3.7
Aroclor-1016	2	6.273	-0.002	76721	2.8	2	7.120	0.013	70721	2.4
Aroclor-1016	3	6.347	-0.072	90036	7.7	3	7.313	0.008	172562	15.2
Aroclor-1016	4	---			0.0	4	7.894	0.002	149485	17.3
	Total Col1Ave (3 peaks):				8.3	Total Col2Ave (4 peaks):				9.7 RPD = 16
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				7.1
Aroclor-1221	1	---			0.0	1	5.601	0.035	120140	6.8
Aroclor-1221	2	---			0.0	2	5.843	0.051	309009	29.3
Aroclor-1221	3	---			0.0	3	5.928	0.032	6557208	188.0
Aroclor-1221	NS	---			----	4	7.313	0.002	172562	31.3
	Col1Ave: <3 Quant Peaks					Col2Ave: 63.8				
Aroclor-1232	1	---			0.0	1	5.928	0.032	6557208	577.3
Aroclor-1232	2	5.871	-0.030	120301	19.9	2	6.535	-0.001	51536	5.0
Aroclor-1232	3	6.273	0.001	76721	4.0	3	7.120	0.007	70721	3.5
Aroclor-1232	4	6.347	-0.078	90036	10.8	4	7.313	0.003	172562	21.9
	Total Col1Ave (3 peaks):				11.5	Total Col2Ave (4 peaks):				151.9 RPD = 172*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				10.1
Aroclor-1242	1	5.871	-0.032	120301	14.6	1	6.535	0.004	51536	3.9
Aroclor-1242	2	6.273	-0.004	76721	2.9	2	7.120	0.010	70721	2.6
Aroclor-1242	3	6.347	-0.073	90036	7.9	3	7.313	0.007	172562	16.7
Aroclor-1242	4	7.511	0.000	245380	27.2	4	8.185	0.000	54735	11.6
	Total Col1Ave (4 peaks):				13.1	Total Col2Ave (4 peaks):				8.7 RPD = 40*
	Corrected Ave (3 peaks):				8.5	Corrected Ave (3 peaks):				6.1 RPD = 33
Aroclor-1248	1	6.273	0.001	76721	4.7	1	7.120	0.014	70721	4.2
Aroclor-1248	2	6.737	-0.001	196704	18.6	2	7.533	0.001	210955	21.6
Aroclor-1248	3	7.021	-0.003	179934	14.5	3	7.894	0.002	149485	11.7
Aroclor-1248	4	7.565	-0.002	498566	25.2	4	8.239	0.000	221478	13.4
	Total Col1Ave (4 peaks):				15.8	Total Col2Ave (4 peaks):				12.7 RPD = 21
	Corrected Ave (3 peaks):				12.6	Corrected Ave (3 peaks):				9.7 RPD = 26
Aroclor-1254	1	7.820	-0.002	622259	28.4	1	8.470	0.001	612244	34.8
Aroclor-1254	2	8.122	-0.003	512908	36.4	2	8.871	0.001	361556	31.3
Aroclor-1254	3	8.228	-0.002	876104	32.8	3	8.981	0.001	891544	38.5
Aroclor-1254	4	8.486	-0.005	999638	35.6	4	9.143	0.002	1200984	44.7
Aroclor-1254	5	8.762	-0.003	585772	34.7	5	9.534	0.002	684213	43.4
	Total Col1Ave (5 peaks):				33.6	Total Col2Ave (5 peaks):				38.6 RPD = 14
	Corrected Ave (4 peaks):				32.9	Corrected Ave (4 peaks):				37.0 RPD = 12
Aroclor-1260	1	9.145	-0.002	186663	17.5	1	9.289	0.002	767558	37.3
Aroclor-1260	2	9.372	-0.001	144629	14.3	2	10.061	0.007	404584	30.3
Aroclor-1260	3	9.619	0.000	387620	15.1	3	10.219	0.004	733460	21.4
Aroclor-1260	4	9.897	-0.002	233634	17.6	4	10.615	0.000	435075	21.3
Aroclor-1260	5	10.020	0.000	73043	11.3	NS	---			----
	Total Col1Ave (5 peaks):				15.2	Total Col2Ave (4 peaks):				27.6 RPD = 58*
	Corrected Ave (4 peaks):				14.6	Corrected Ave (3 peaks):				24.3 RPD = 50*
Aroclor-1262	1	9.372	-0.001	144629	6.8	1	10.061	0.003	404584	14.6
Aroclor-1262	2	9.619	0.001	387620	7.7	2	10.219	0.000	733460	11.0
Aroclor-1262	3	9.969	-0.052	71768	3.3	3	10.565	-0.006	310888	11.2
Aroclor-1262	4	10.020	9.020	73043	3.2	4	10.615	-0.004	435075	10.8
Aroclor-1262	5	10.482	0.025	678683	36.7	5	11.093	0.010	551569	24.6
	Total Col1Ave (5 peaks):				11.5	Total Col2Ave (5 peaks):				14.4 RPD = 22
	Corrected Ave (4 peaks):				5.2	Corrected Ave (4 peaks):				11.9 RPD = 78*
Aroclor-1268	1	9.969	-0.052	71768	1.7	1	10.565	-0.006	310888	6.1
Aroclor-1268	2	10.020	9.020	73043	1.8	2	10.615	-0.003	435075	9.3
Aroclor-1268	3	10.273	0.041	118260	3.7	3	10.883	-0.005	197981	5.5
Aroclor-1268	4	10.801	-0.002	772497	8.5	4	11.413	-0.003	198875	1.9
	Total Col1Ave (4 peaks):				4.0	Total Col2Ave (4 peaks):				5.7 RPD = 36
	Corrected Ave (3 peaks):				2.4	Corrected Ave (3 peaks):				4.5 RPD = 59*

Total PCB Area Col1 (4.498 - 10.960) = 22121723 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 27754296 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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13-JUN-2009 14:59, 2ul
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Time (Min)
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Tetrachloro-m-xylene
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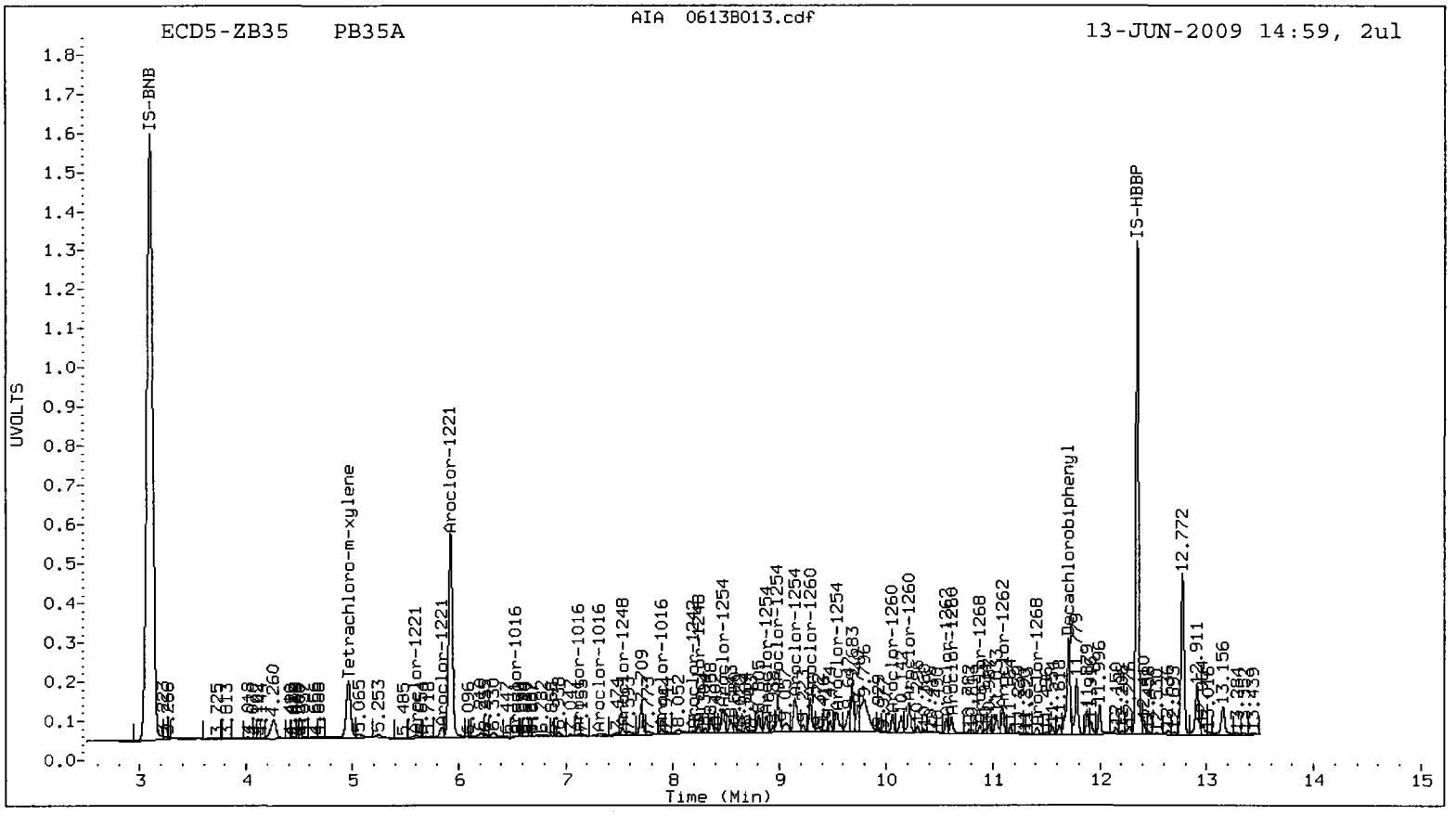
IS-HBBP
12.074
12.719
Decachlorobiphenyl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IS-HBBP
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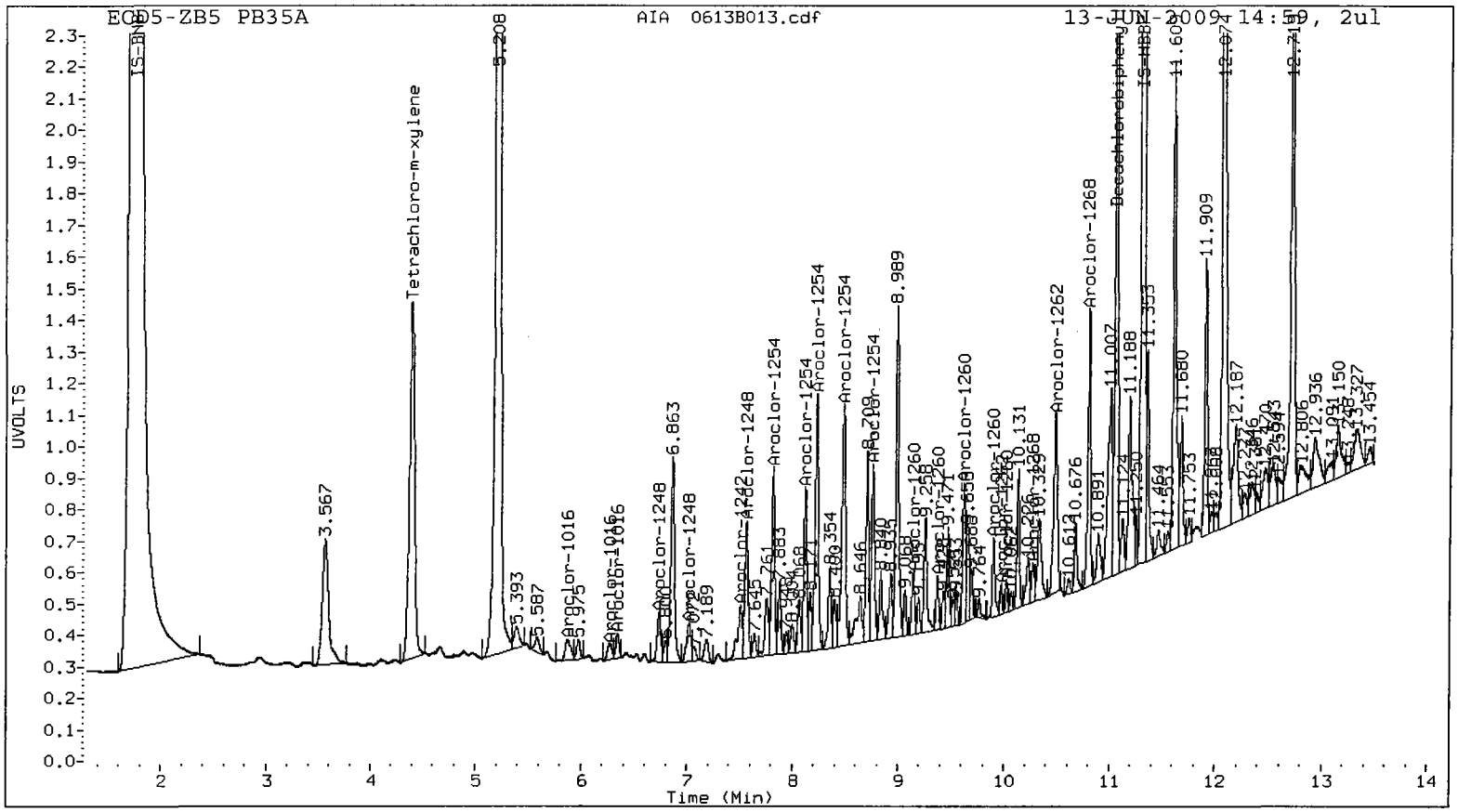
Decachlorobiphenyl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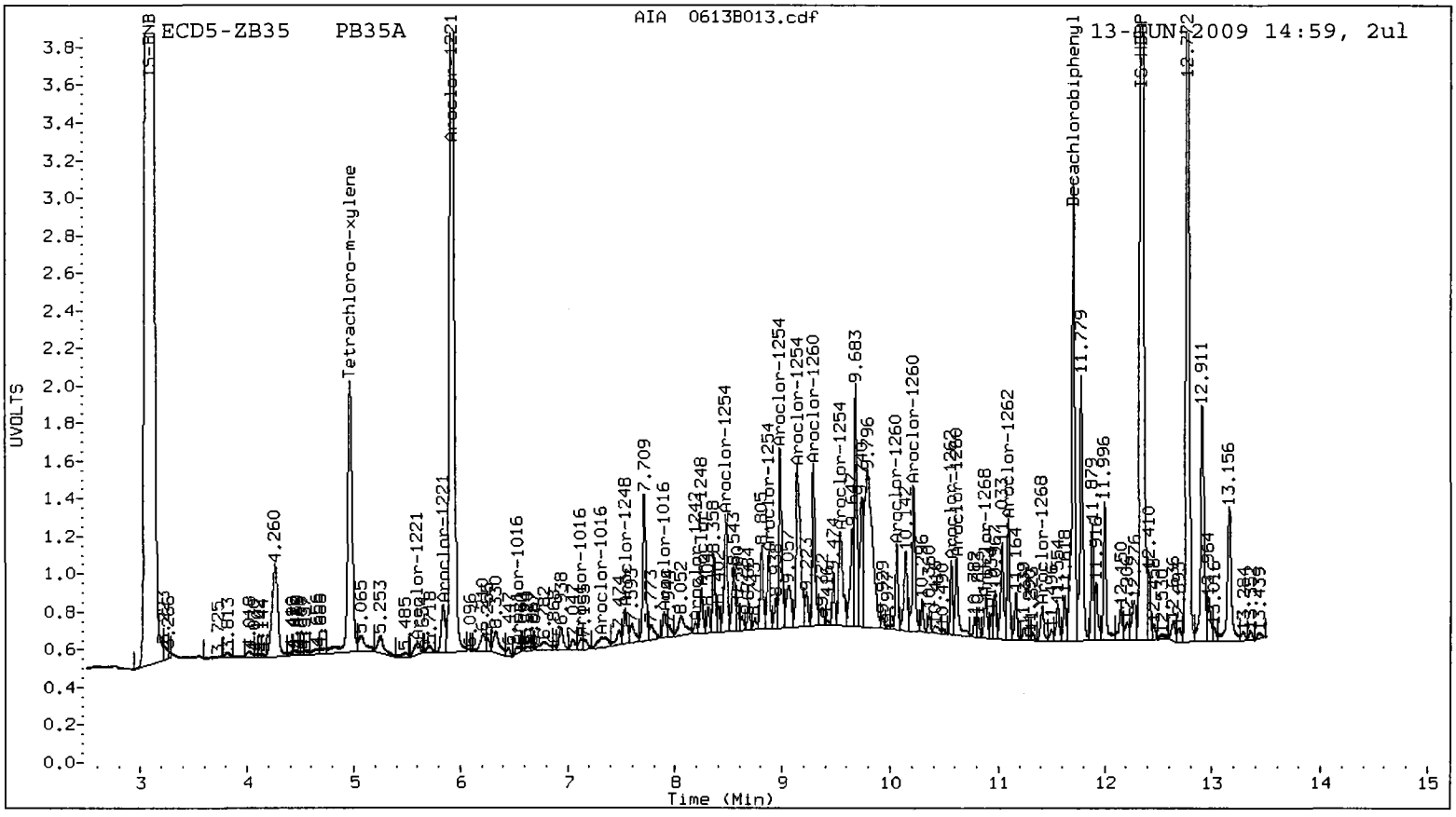
13-JUN-2009 14:59, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: 3SED1-B
SAMPLE

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 15:17
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 43.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**9.4**
11096-82-5	**Aroclor 1260**	**3.9**	**5.3**
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	81.5%
Tetrachlorometaxylene	62.6%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B014.d
Data file 2: 20090606.B/0613-2.b/0613B014.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35C
Client ID:
Injection Date: 13-JUN-2009 15:17
Report Date: 06/15/2009 14:04
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.003	1800096	4.966	0.000	1923840	5.0	4.9	1.7	Tetrachloro-m-xylene
11.060	0.000	1716309	11.704	0.001	1940672	6.5	6.3	3.5	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	62.6	61.6
Decachlorobiphenyl	81.4	78.6

06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27457882	-8.6
Hexabromobiphenyl	12924817	9607618	-25.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	30222188	-9.2
Hexabromobiphenyl	11348053	10691427	-5.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

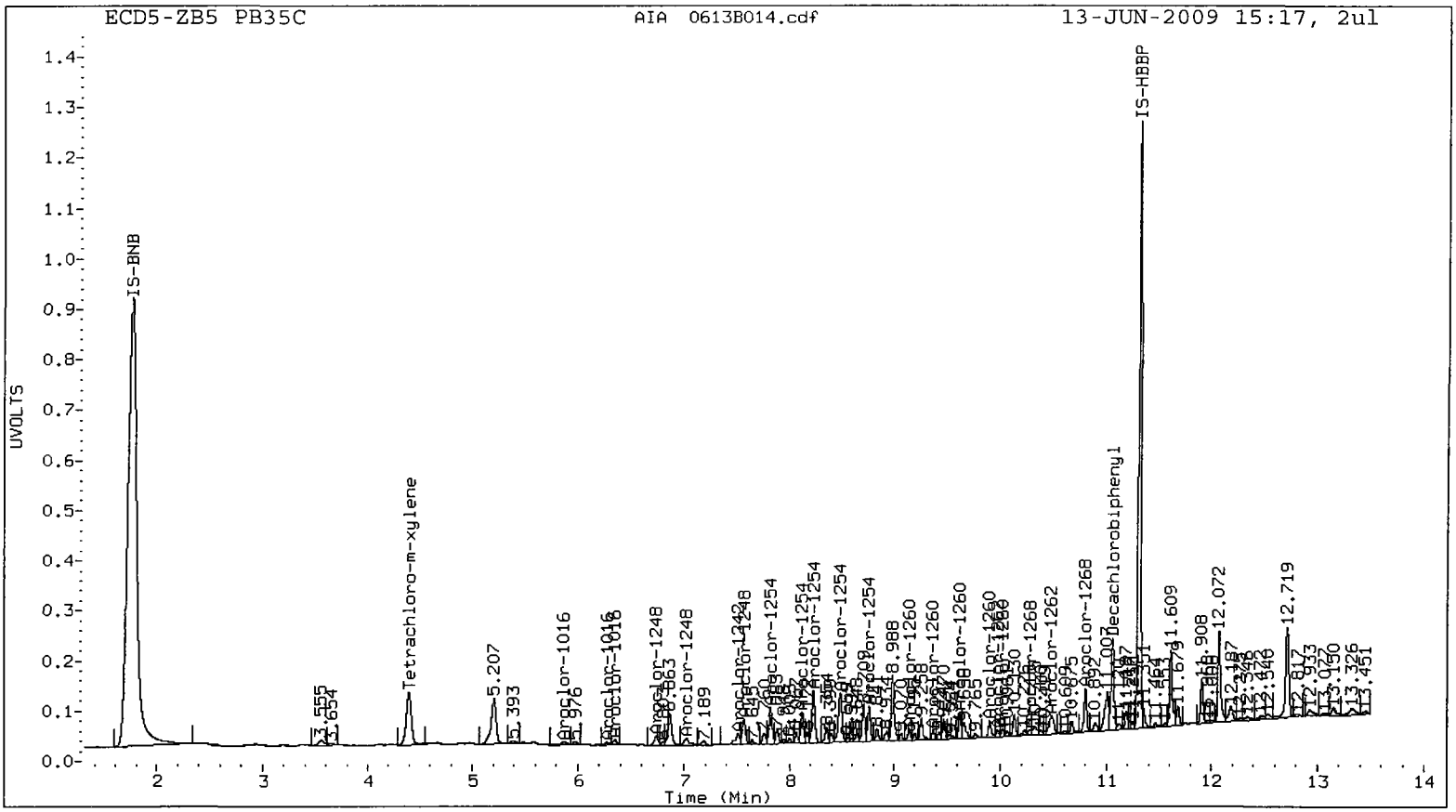
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.870	-0.032	127104	15.3	1	6.531	0.003	52384	3.8
Aroclor-1016	2	6.272	-0.003	73728	2.8	2	7.116	0.008	94559	3.3
Aroclor-1016	3	6.347	-0.072	111014	9.7	3	7.311	0.007	82721	7.4
Aroclor-1016	4	---			0.0	4	7.893	0.000	164568	19.2
	Total Col1Ave (3 peaks):				9.3	Total Col2Ave (4 peaks):				8.4 RPD = 10
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				4.8
Aroclor-1221	1	---			0.0	1	5.597	0.031	129300	7.4
Aroclor-1221	2	---			0.0	2	5.841	0.049	284322	27.2
Aroclor-1221	3	---			0.0	3	5.927	0.031	1374790	39.7
Aroclor-1221	NS	---			----	4	7.311	0.001	82721	15.1
	Col1Ave: <3 Quant Peaks					Col2Ave:			22.3	
Aroclor-1232	1	---			0.0	1	5.927	0.031	1374790	122.0
Aroclor-1232	2	5.870	-0.032	127104	21.4	2	6.531	-0.004	52384	5.1
Aroclor-1232	3	6.272	0.000	73728	3.9	3	7.116	0.003	94559	4.8
Aroclor-1232	4	6.347	-0.078	111014	13.5	4	7.311	0.002	82721	10.6
	Total Col1Ave (3 peaks):				12.9	Total Col2Ave (4 peaks):				35.6 RPD = 93*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				6.8
Aroclor-1242	1	5.870	-0.033	127104	15.7	1	6.531	0.000	52384	4.0
Aroclor-1242	2	6.272	-0.005	73728	2.9	2	7.116	0.006	94559	3.5
Aroclor-1242	3	6.347	-0.073	111014	9.9	3	7.311	0.005	82721	8.1
Aroclor-1242	4	7.509	-0.001	293162	33.1	4	8.185	-0.001	80912	17.3
	Total Col1Ave (4 peaks):				15.4	Total Col2Ave (4 peaks):				8.2 RPD = 61*
	Corrected Ave (3 peaks):				9.5	Corrected Ave (3 peaks):				5.2 RPD = 59*
Aroclor-1248	1	6.272	0.000	73728	4.6	1	7.116	0.010	94559	5.6
Aroclor-1248	2	6.737	-0.001	229524	22.1	2	7.532	0.000	238678	24.6
Aroclor-1248	3	7.021	-0.003	262028	21.6	3	7.893	0.000	164568	13.0
Aroclor-1248	4	7.565	-0.002	567589	29.2	4	8.239	0.001	259385	15.8
	Total Col1Ave (4 peaks):				19.4	Total Col2Ave (4 peaks):				14.8 RPD = 27
	Corrected Ave (3 peaks):				16.1	Corrected Ave (3 peaks):				11.5 RPD = 34
Aroclor-1254	1	7.820	-0.002	757489	35.3	1	8.470	0.001	743354	42.6
Aroclor-1254	2	8.122	-0.003	596049	43.1	2	8.871	0.001	439941	38.4
Aroclor-1254	3	8.228	-0.002	1076526	41.1	3	8.981	0.001	1086600	47.3
Aroclor-1254	4	8.488	-0.003	1262595	45.9	4	9.142	0.002	1581384	59.4
Aroclor-1254	5	8.763	-0.002	714976	43.1	5	9.533	0.001	851600	54.5
	Total Col1Ave (5 peaks):				41.7	Total Col2Ave (5 peaks):				48.4 RPD = 15
	Corrected Ave (4 peaks):				40.6	Corrected Ave (4 peaks):				45.7 RPD = 12
Aroclor-1260	1	9.146	-0.001	200513	19.4	1	9.288	0.001	999645	49.8
Aroclor-1260	2	9.372	-0.001	166766	17.0	2	10.061	0.007	469086	36.0
Aroclor-1260	3	9.619	0.000	464093	18.7	3	10.217	0.003	820889	24.5
Aroclor-1260	4	9.897	-0.001	312409	24.2	4	10.615	0.000	443503	22.3
Aroclor-1260	5	10.020	0.000	128733	20.5	NS	---			----
	Total Col1Ave (5 peaks):				20.0	Total Col2Ave (4 peaks):				33.2 RPD = 50*
	Corrected Ave (4 peaks):				18.9	Corrected Ave (3 peaks):				27.6 RPD = 38
Aroclor-1262	1	9.372	-0.002	166766	8.1	1	10.061	0.003	469086	17.3
Aroclor-1262	2	9.619	0.000	464093	9.5	2	10.217	-0.001	820889	12.7
Aroclor-1262	3	9.971	-0.051	138287	6.6	3	10.565	-0.006	384907	14.2
Aroclor-1262	4	10.020	9.020	128733	5.8	4	10.615	-0.004	443503	11.2
Aroclor-1262	5	10.481	0.024	590908	33.0	5	11.091	0.008	381781	17.5
	Total Col1Ave (5 peaks):				12.6	Total Col2Ave (5 peaks):				14.6 RPD = 15
	Corrected Ave (4 peaks):				7.5	Corrected Ave (4 peaks):				13.9 RPD = 60*
Aroclor-1268	1	9.971	-0.051	138287	3.4	1	10.565	-0.006	384907	7.8
Aroclor-1268	2	10.020	9.020	128733	3.4	2	10.615	-0.004	443503	9.7
Aroclor-1268	3	10.278	0.046	102148	3.3	3	10.882	-0.006	169330	4.8
Aroclor-1268	4	10.801	-0.002	756597	8.6	4	11.412	-0.004	247376	2.4
	Total Col1Ave (4 peaks):				4.7	Total Col2Ave (4 peaks):				6.2 RPD = 28
	Corrected Ave (3 peaks):				3.4	Corrected Ave (3 peaks):				5.0 RPD = 39

Total PCB Area Col1 (4.498 - 10.960) = 19328500 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 24454597 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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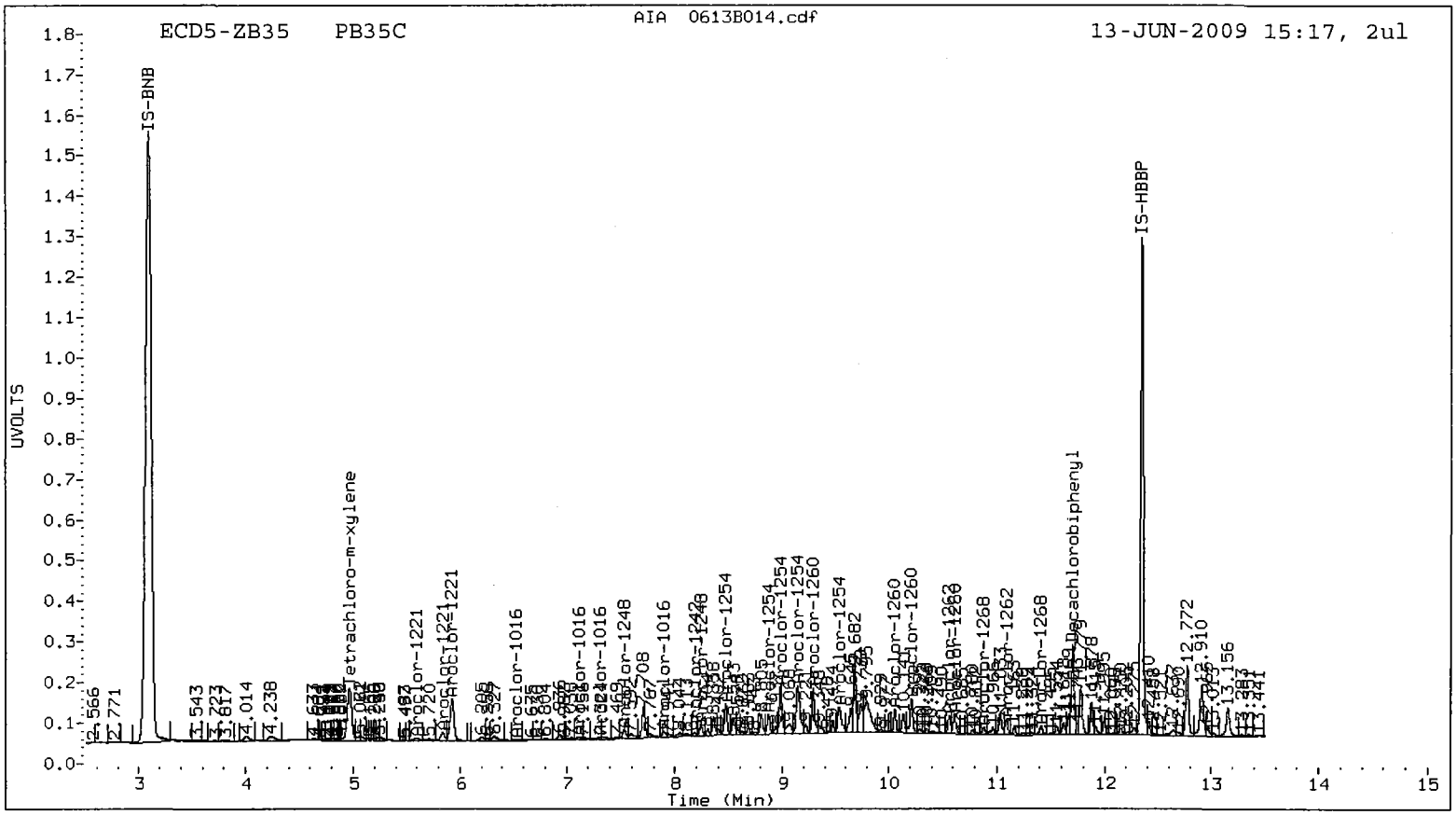
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
5.207
IS-HBBP
Decachlorobiphenyl
12.719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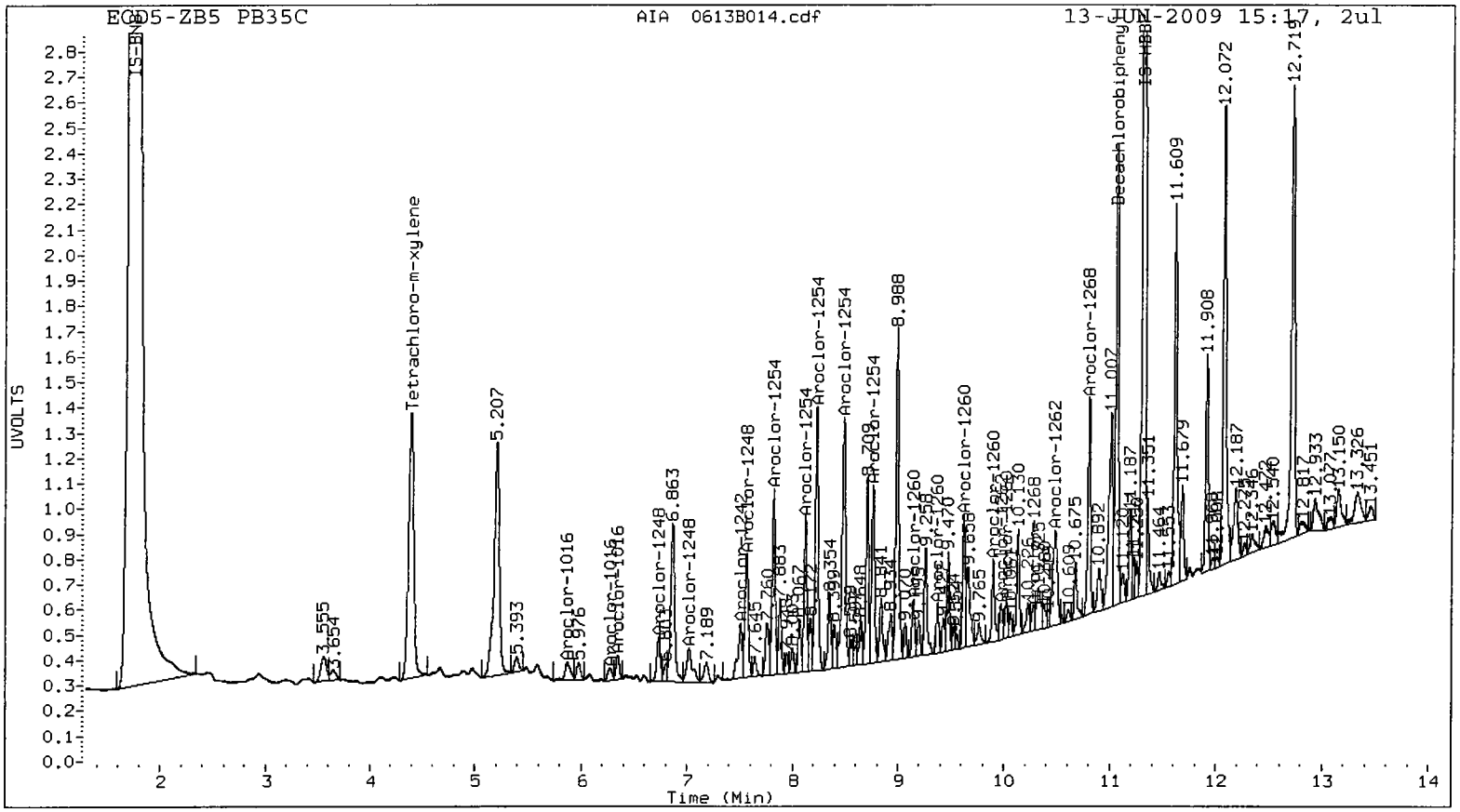
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl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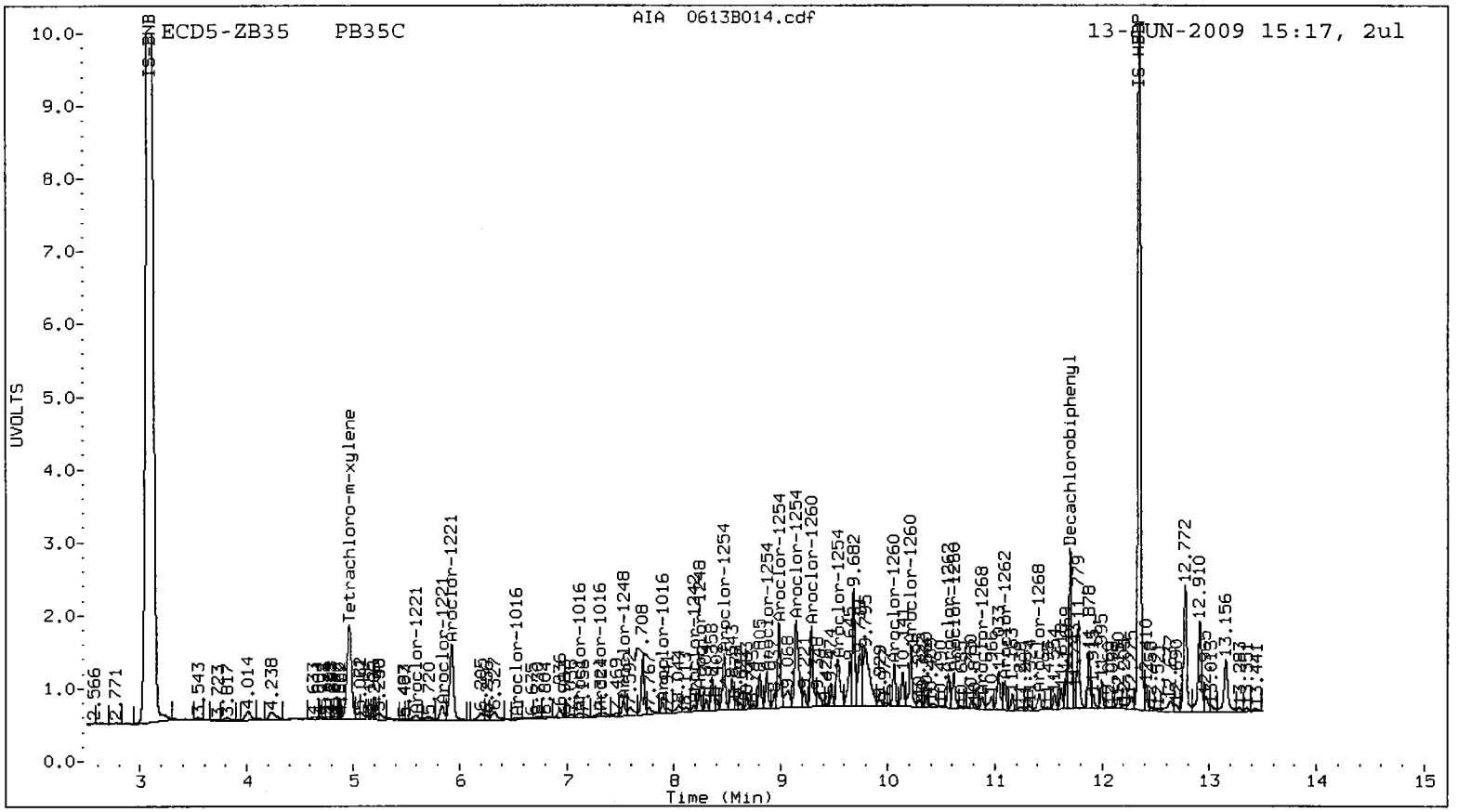
UVOLTS
Time (Min)
IS-DNB
Tetrachloro-m-xylene
5.207
Decachlorobiphenyl
IS-HBB
12.072
12.719
11.609
11.908
8.988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13-JUN-2009 15:17, 2ul
UVOLTS
Time (Min)
IS-DNB
Tetrachloro-m-xylene
IS-HBB
Decachlorobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-C
SAMPLE

Lab Sample ID: PB35E
LIMS ID: 09-12721
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 16:08
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 46.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	**Aroclor 1254**	**4.0**	**8.3**
11096-82-5	Aroclor 1260	4.0	< 4.0 U
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	83.0%
Tetrachlorometaxylene	67.0%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B017.d
Data file 2: 20090606.B/0613-2.b/0613B017.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35E
Client ID:
Injection Date: 13-JUN-2009 16:08
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.004	1874149	4.965	-0.001	1913726	5.4	5.0	7.4	Tetrachloro-m-xylene
11.058	-0.002	1689397	11.704	0.000	1944748	6.6	6.6	0.8	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	67.0	62.2
Decachlorobiphenyl	83.0	82.4

JA 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	26705902	-11.1
Hexabromobiphenyl	12924817	9276045	-28.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	29742953	-10.6
Hexabromobiphenyl	11348053	10220364	-9.9

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

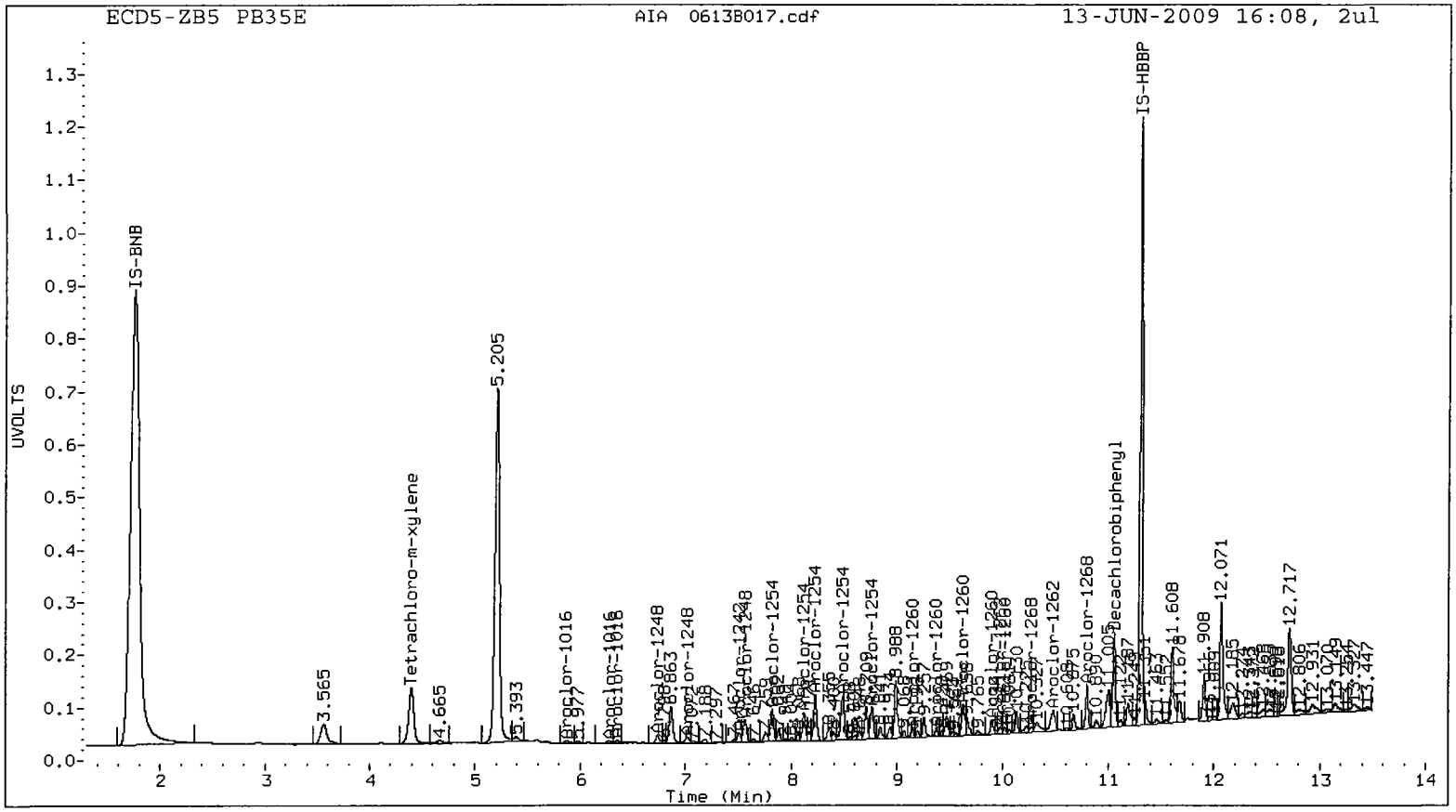
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.869	-0.033	80446	10.0	1	6.536	0.008	46863	3.5
Aroclor-1016	2	6.274	-0.001	59311	2.3	2	7.118	0.010	96006	3.4
Aroclor-1016	3	6.349	-0.070	63483	5.7	3	7.320	0.015	104847	9.5
Aroclor-1016	4	---			0.0	4	7.891	-0.001	120342	14.3
	Total Col1Ave (3 peaks):				6.0	Total Col2Ave (4 peaks):			7.7	RPD = 24
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			5.4	
Aroclor-1221	1	---			0.0	1	5.576	0.009	128752	7.4
Aroclor-1221	2	---			0.0	2	5.841	0.050	308474	29.9
Aroclor-1221	3	---			0.0	3	5.927	0.031	10221892	300.1
Aroclor-1221	NS	---			----	4	7.320	0.009	104847	19.4
	Col1Ave: <3 Quant Peaks					Col2Ave:			89.2	
Aroclor-1232	1	---			0.0	1	5.927	0.032	10221892	921.6
Aroclor-1232	2	5.869	-0.033	80446	13.9	2	6.536	0.001	46863	4.6
Aroclor-1232	3	6.274	0.002	59311	3.2	3	7.118	0.004	96006	4.9
Aroclor-1232	4	6.349	-0.076	63483	8.0	4	7.320	0.010	104847	13.6
	Total Col1Ave (3 peaks):				8.4	Total Col2Ave (4 peaks):			236.2	RPD = 186*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			7.7	
Aroclor-1242	1	5.869	-0.035	80446	10.2	1	6.536	0.005	46863	3.6
Aroclor-1242	2	6.274	-0.003	59311	2.4	2	7.118	0.008	96006	3.6
Aroclor-1242	3	6.349	-0.072	63483	5.8	3	7.320	0.014	104847	10.4
Aroclor-1242	4	7.511	0.000	185006	21.5	4	8.184	-0.001	84569	18.4
	Total Col1Ave (4 peaks):				10.0	Total Col2Ave (4 peaks):			9.0	RPD = 10
	Corrected Ave (3 peaks):				6.1	Corrected Ave (3 peaks):			5.9	RPD = 4
Aroclor-1248	1	6.274	0.002	59311	3.8	1	7.118	0.012	96006	5.8
Aroclor-1248	2	6.736	-0.002	198198	19.6	2	7.531	-0.001	192888	20.2
Aroclor-1248	3	7.021	-0.003	166070	14.1	3	7.891	-0.001	120342	9.7
Aroclor-1248	4	7.565	-0.002	498448	26.4	4	8.240	0.001	241450	14.9
	Total Col1Ave (4 peaks):				16.0	Total Col2Ave (4 peaks):			12.6	RPD = 23
	Corrected Ave (3 peaks):				12.5	Corrected Ave (3 peaks):			10.1	RPD = 21
Aroclor-1254	1	7.820	-0.002	636018	30.5	1	8.470	0.001	627035	36.5
Aroclor-1254	2	8.122	-0.003	535268	39.8	2	8.870	0.001	368897	32.7
Aroclor-1254	3	8.228	-0.003	932040	36.5	3	8.981	0.001	924499	40.9
Aroclor-1254	4	8.487	-0.004	1078414	40.3	4	9.142	0.002	1343976	51.3
Aroclor-1254	5	8.762	-0.002	617289	38.3	5	9.533	0.001	721297	46.9
	Total Col1Ave (5 peaks):				37.1	Total Col2Ave (5 peaks):			41.7	RPD = 12
	Corrected Ave (4 peaks):				36.3	Corrected Ave (4 peaks):			39.2	RPD = 8
Aroclor-1260	1	9.145	-0.002	177007	17.8	1	9.289	0.001	824738	43.0
Aroclor-1260	2	9.372	-0.001	150181	15.9	2	10.061	0.007	424185	34.1
Aroclor-1260	3	9.622	0.003	583594	24.3	3	10.218	0.003	662282	20.7
Aroclor-1260	4	9.896	-0.002	247079	19.8	4	10.614	-0.001	398770	21.0
Aroclor-1260	5	10.019	-0.001	106495	17.5	NS	---			----
	Total Col1Ave (5 peaks):				19.1	Total Col2Ave (4 peaks):			29.7	RPD = 44*
	Corrected Ave (4 peaks):				17.8	Corrected Ave (3 peaks):			25.3	RPD = 35
Aroclor-1262	1	9.372	-0.002	150181	7.5	1	10.061	0.003	424185	16.4
Aroclor-1262	2	9.622	0.003	583594	12.3	2	10.218	-0.001	662282	10.7
Aroclor-1262	3	9.970	-0.051	136761	6.8	3	10.565	-0.006	364389	14.1
Aroclor-1262	4	10.019	9.019	106495	5.0	4	10.614	-0.005	398770	10.6
Aroclor-1262	5	10.481	0.024	600918	34.7	5	11.091	0.008	404893	19.4
	Total Col1Ave (5 peaks):				13.3	Total Col2Ave (5 peaks):			14.2	RPD = 7
	Corrected Ave (4 peaks):				7.9	Corrected Ave (4 peaks):			12.9	RPD = 48*
Aroclor-1268	1	9.970	-0.051	136761	3.5	1	10.565	-0.007	364389	7.7
Aroclor-1268	2	10.019	9.019	106495	2.9	2	10.614	-0.004	398770	9.2
Aroclor-1268	3	10.273	0.041	112178	3.8	3	10.881	-0.007	173212	5.1
Aroclor-1268	4	10.800	-0.003	730105	8.6	4	11.410	-0.006	241781	2.5
	Total Col1Ave (4 peaks):				4.7	Total Col2Ave (4 peaks):			6.1	RPD = 26
	Corrected Ave (3 peaks):				3.4	Corrected Ave (3 peaks):			5.1	RPD = 40*

Total PCB Area Col1 (4.498 - 10.960) = 26586790 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 31583732 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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IS-BNB
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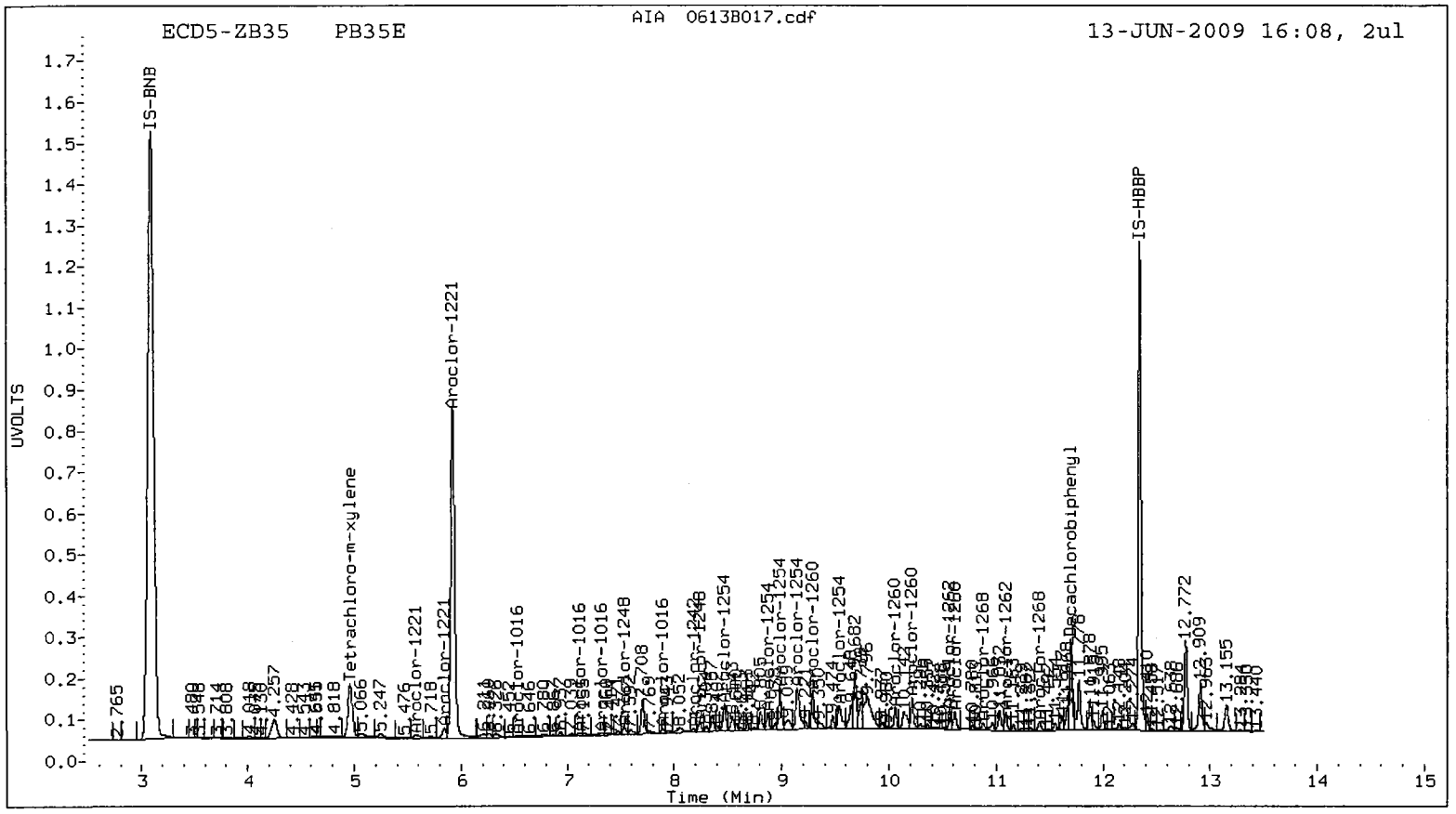
Tetrachloro-m-xylene
4.665
5.205
5.393
IS-HBBP
12.071
12.717
Decachlorobiphenyl
UVOLTS
Time (Min)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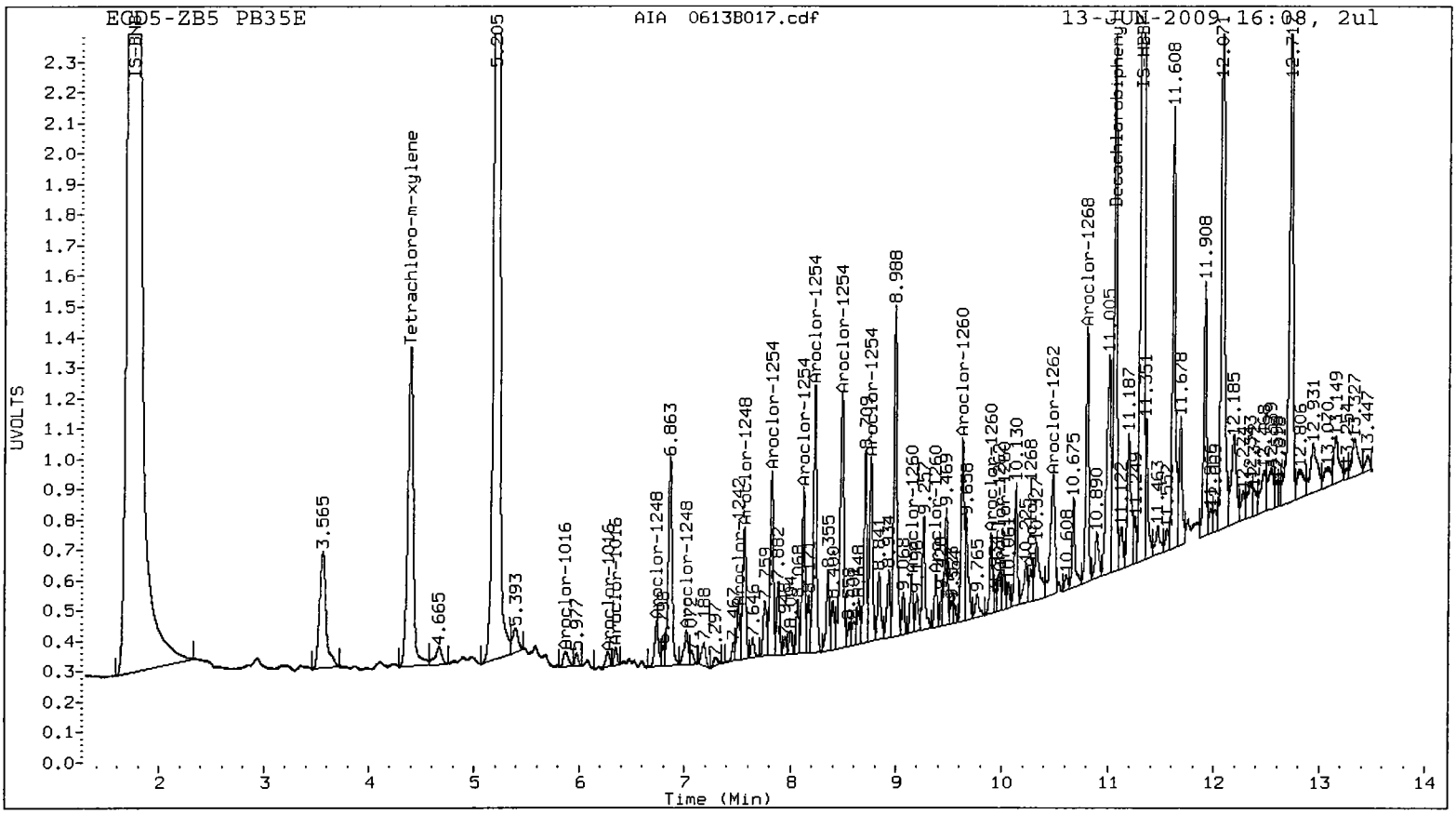
Tetrachloro-m-xylene
Aroclor-1221
IS-HBBP
Decachlorobiphenyl
12.772
UVOLTS
Time (Min)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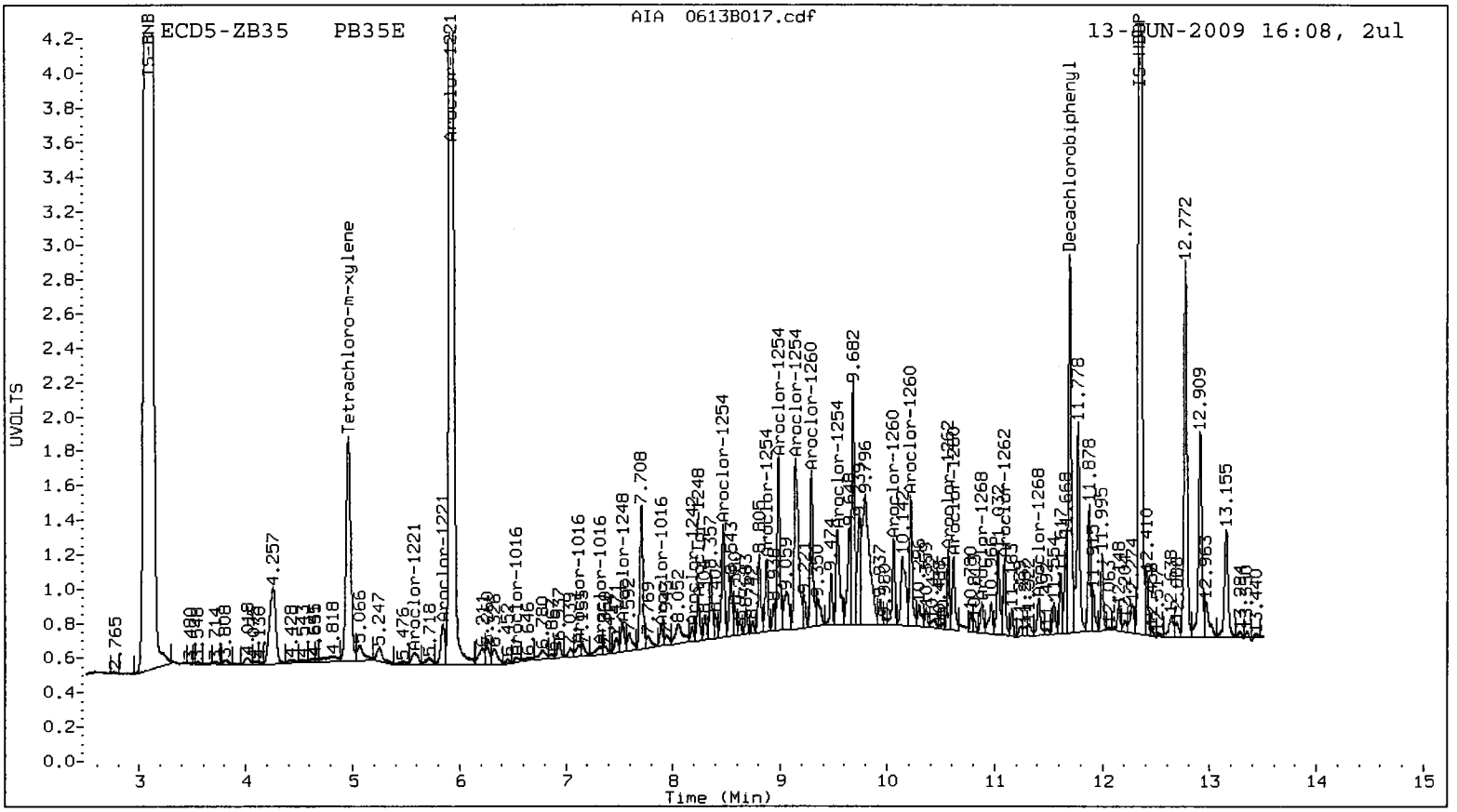
13-JUN-2009 16:08, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
3.565
4.665
5.205
5.393
6.863
8.988
11.608
11.908
12.071
12.772
Decachlorobiphenyl
IS-HBB
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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Time (Min)
IS-BNB
Tetrachloro-m-xylene
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5.066
5.247
7.708
9.682
12.772
12.909
13.155
Decachlorobiphenyl
IS-HBB
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED2-A
SAMPLE

Lab Sample ID: PB35G
LIMS ID: 09-12723
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 16:26
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	84.0%
Tetrachlorometaxylene	58.6%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B018.d
Data file 2: 20090606.B/0613-2.b/0613B018.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35G
Client ID:
Injection Date: 13-JUN-2009 16:26
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.003	1580635	4.964	-0.003	1806088	4.5	4.7	3.5	Tetrachloro-m-xylene
11.058	-0.001	1502587	11.703	0.000	1957333	5.8	6.7	15.0	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	56.6	58.6
Decachlorobiphenyl	72.3	84.0

JL 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	26676377	-11.2
Hexabromobiphenyl	12924817	9477868	-26.7

√

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	29821605	-10.4
Hexabromobiphenyl	11348053	10094258	-11.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount	
Aroclor-1016	1	5.879	-0.023	52298	6.5	1	6.519	-0.009	18065	1.3	
Aroclor-1016	2	6.347	0.071	91163	3.5	2	7.176	0.069	30477	1.1	
Aroclor-1016	3	---			0.0	3	7.334	0.030	138508	12.5	
Aroclor-1016	4	---			0.0	4	7.934	0.041	149357	17.7	
		Col1Ave: <3 Quant Peaks					Col2Ave:	8.1			
Aroclor-1221	1	---			0.0	1	5.610	0.043	144473	8.3	
Aroclor-1221	2	---			0.0	2	5.780	-0.011	11761	1.1	
Aroclor-1221	3	---			0.0	3	5.926	0.030	1030535	30.2	
Aroclor-1221	NS	---			----	4	7.334	0.024	138508	25.6	
		Col1Ave: <3 Quant Peaks					Col2Ave:	16.3			
Aroclor-1232	1	4.955	0.057	133327	11.2	1	5.926	0.030	1030535	92.7	
Aroclor-1232	2	5.879	-0.023	52298	9.1	2	6.519	-0.017	18065	1.8	
Aroclor-1232	3	6.347	0.074	91163	4.9	3	7.176	0.063	30477	1.6	
Aroclor-1232	4	---			0.0	4	7.334	0.024	138508	17.9	
		Total Col1Ave (3 peaks):		8.4			Total Col2Ave (4 peaks):		28.5	RPD = 109*	
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		7.1		
Aroclor-1242	1	5.879	-0.024	52298	6.7	1	6.519	-0.012	18065	1.4	
Aroclor-1242	2	6.347	0.069	91163	3.6	2	7.176	0.066	30477	1.1	
Aroclor-1242	3	---			0.0	3	7.334	0.028	138508	13.7	
Aroclor-1242	4	7.509	-0.001	65645	7.6	4	8.187	0.002	11787	2.6	
		Total Col1Ave (3 peaks):		6.0			Total Col2Ave (4 peaks):		4.7	RPD = 24	
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		1.7		
Aroclor-1248	1	6.347	0.074	91163	5.9	1	7.043	-0.063	243731	14.7	
Aroclor-1248	2	6.736	-0.002	55449	5.5	2	7.529	-0.003	101893	10.6	
Aroclor-1248	3	6.992	-0.032	150536	12.8	3	7.934	0.041	149357	12.0	
Aroclor-1248	4	7.564	-0.003	126862	6.7	4	8.239	0.000	90425	5.6	
		Total Col1Ave (4 peaks):		7.7			Total Col2Ave (4 peaks):		10.7	RPD = 32	
		Corrected Ave (3 peaks):		6.0			Corrected Ave (3 peaks):		9.4	RPD = 43*	
Aroclor-1254	1	7.820	-0.001	150205	7.2	1	8.469	0.000	174741	10.1	
Aroclor-1254	2	8.121	-0.003	118144	8.4	2	8.871	0.001	135150	11.9	
Aroclor-1254	3	8.231	0.001	327513	12.9	3	8.981	0.001	294191	13.0	
Aroclor-1254	4	8.483	-0.008	236758	8.9	4	9.155	0.015	371295	14.1	
Aroclor-1254	5	8.761	-0.003	129501	8.0	5	9.533	0.001	143291	9.3	
		Total Col1Ave (5 peaks):		9.1			Total Col2Ave (5 peaks):		11.7	RPD = 25	
		Corrected Ave (4 peaks):		8.1			Corrected Ave (4 peaks):		11.1	RPD = 31	
Aroclor-1260	1	9.145	-0.002	50636	5.0	1	9.288	0.001	273879	14.4	
Aroclor-1260	2	9.372	-0.001	36868	3.8	2	10.059	0.005	123954	10.1	
Aroclor-1260	3	9.619	0.000	65492	2.7	3	10.217	0.003	344846	10.9	
Aroclor-1260	4	9.895	-0.003	86217	6.8	4	10.613	-0.002	164272	8.8	
Aroclor-1260	5	9.990	-0.030	126086	20.3	NS	---			----	
		Total Col1Ave (5 peaks):		7.7			Total Col2Ave (4 peaks):		11.0	RPD = 36	
		Corrected Ave (4 peaks):		4.6			Corrected Ave (3 peaks):		9.9	RPD = 74*	
Aroclor-1262	1	9.372	-0.002	36868	1.8	1	10.059	0.001	123954	4.9	
Aroclor-1262	2	9.619	0.000	65492	1.4	2	10.217	-0.001	344846	5.6	
Aroclor-1262	3	9.990	-0.031	126086	6.1	3	10.564	-0.007	143461	5.6	
Aroclor-1262	4	---			0.0	4	10.613	-0.006	164272	4.4	
Aroclor-1262	5	10.479	0.022	218202	12.3	5	11.092	0.008	201682	9.8	
		Total Col1Ave (4 peaks):		5.4			Total Col2Ave (5 peaks):		6.1	RPD = 12	
		Corrected Ave (3 peaks):		3.1			Corrected Ave (4 peaks):		5.1	RPD = 50*	
Aroclor-1268	1	9.990	-0.031	126086	3.1	1	10.564	-0.008	143461	3.1	
Aroclor-1268	2	---			0.0	2	10.613	-0.005	164272	3.8	
Aroclor-1268	3	10.271	0.040	44932	1.5	3	10.881	-0.007	107704	3.2	
Aroclor-1268	4	10.800	-0.003	641815	7.4	4	11.409	-0.007	106645	1.1	
		Total Col1Ave (3 peaks):		4.0			Total Col2Ave (4 peaks):		2.8	RPD = 36	
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		2.5		

4R

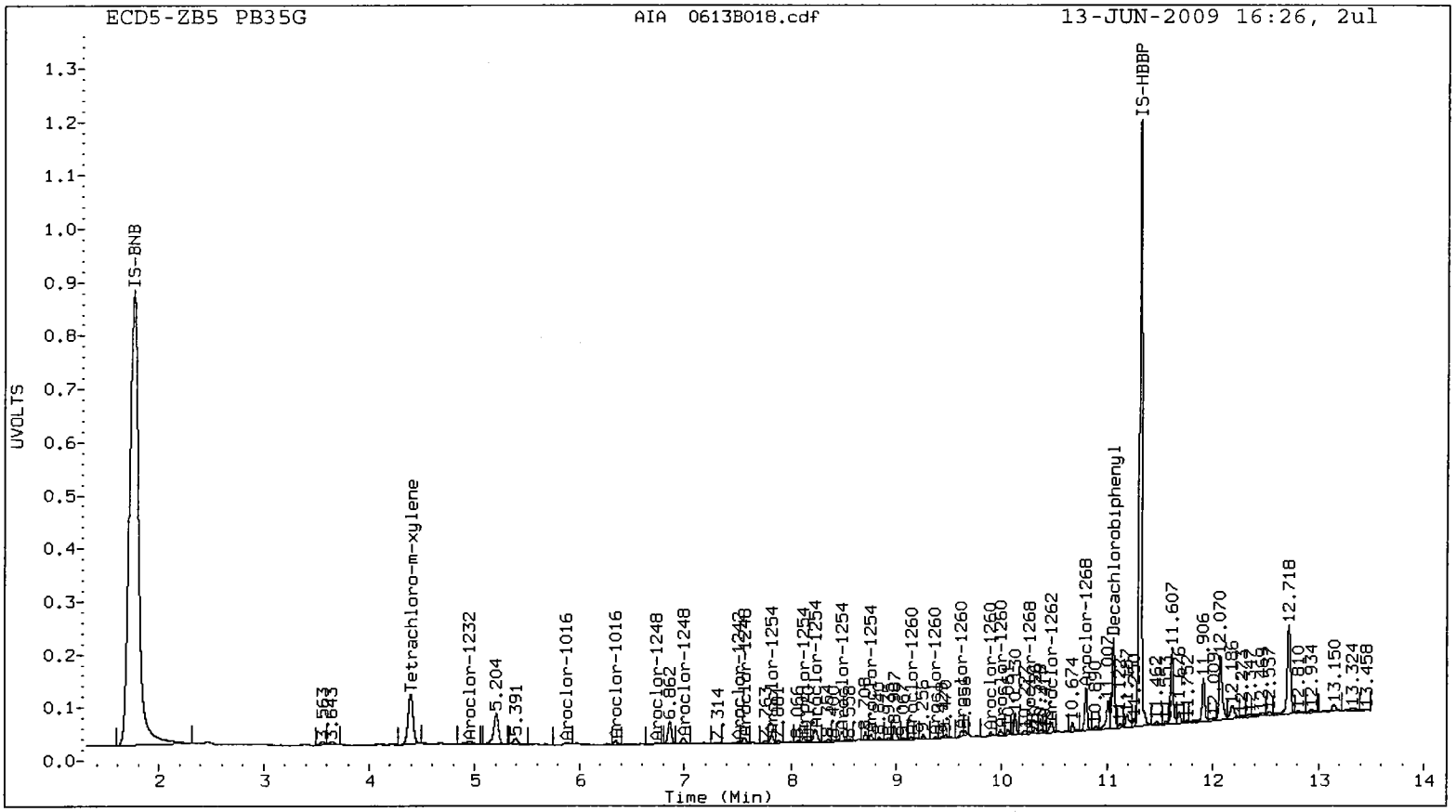
J-flag?

Total PCB Area Col1 (4.498 - 10.960) = 6634381 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 12346810 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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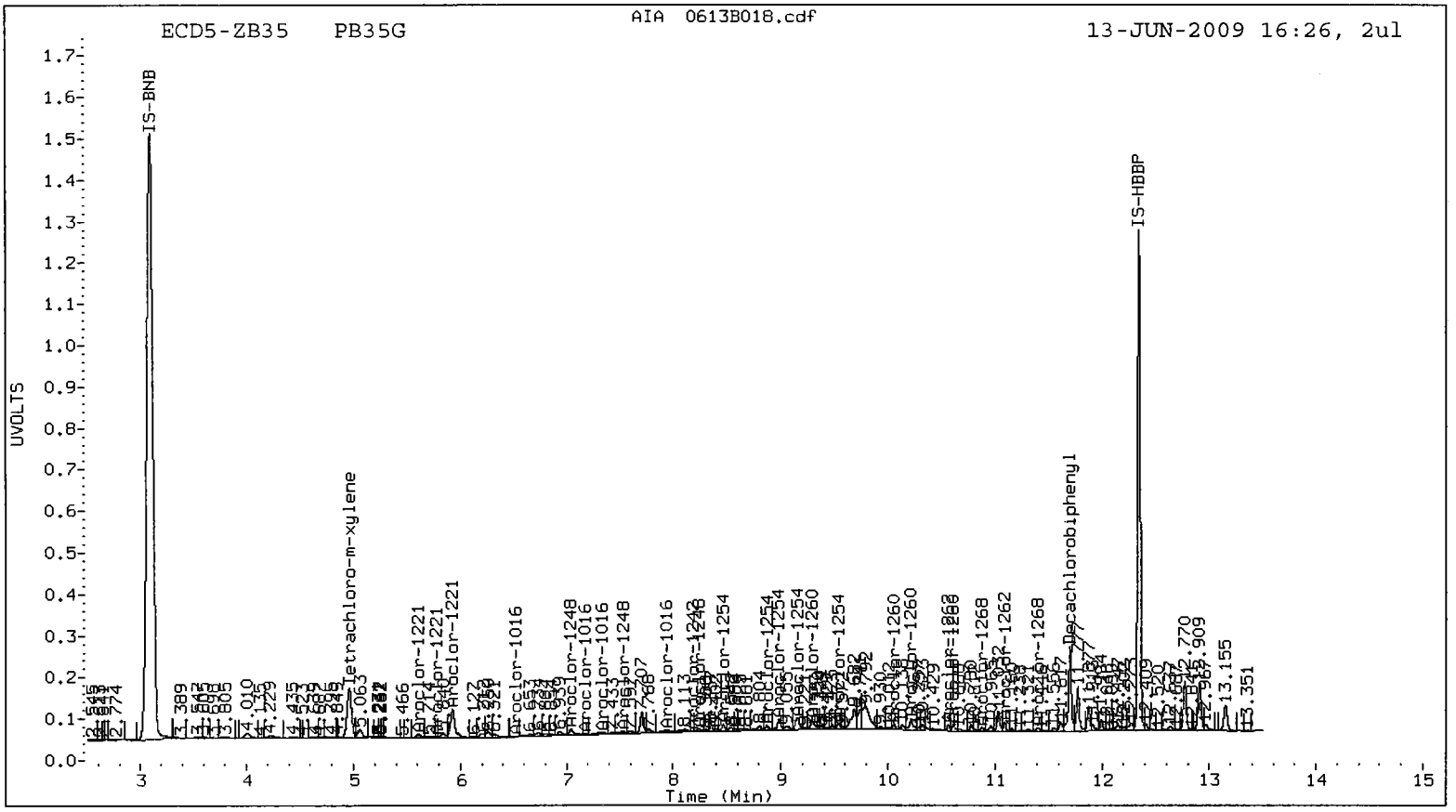
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1232
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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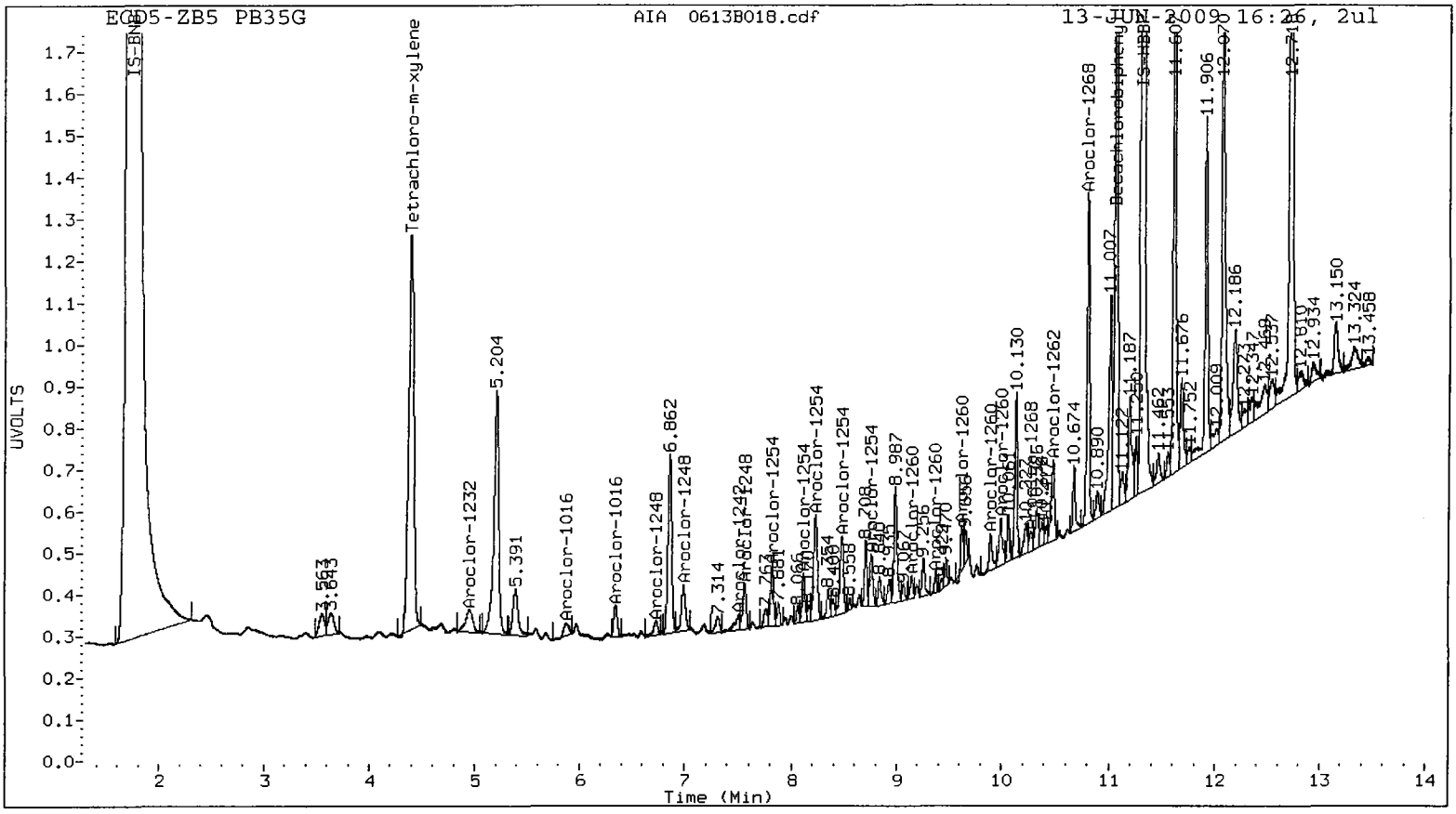
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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IS-BNB
Tetrachloro-m-xylene
Aroclor-1232
Aroclor-1016
Aroclor-1248
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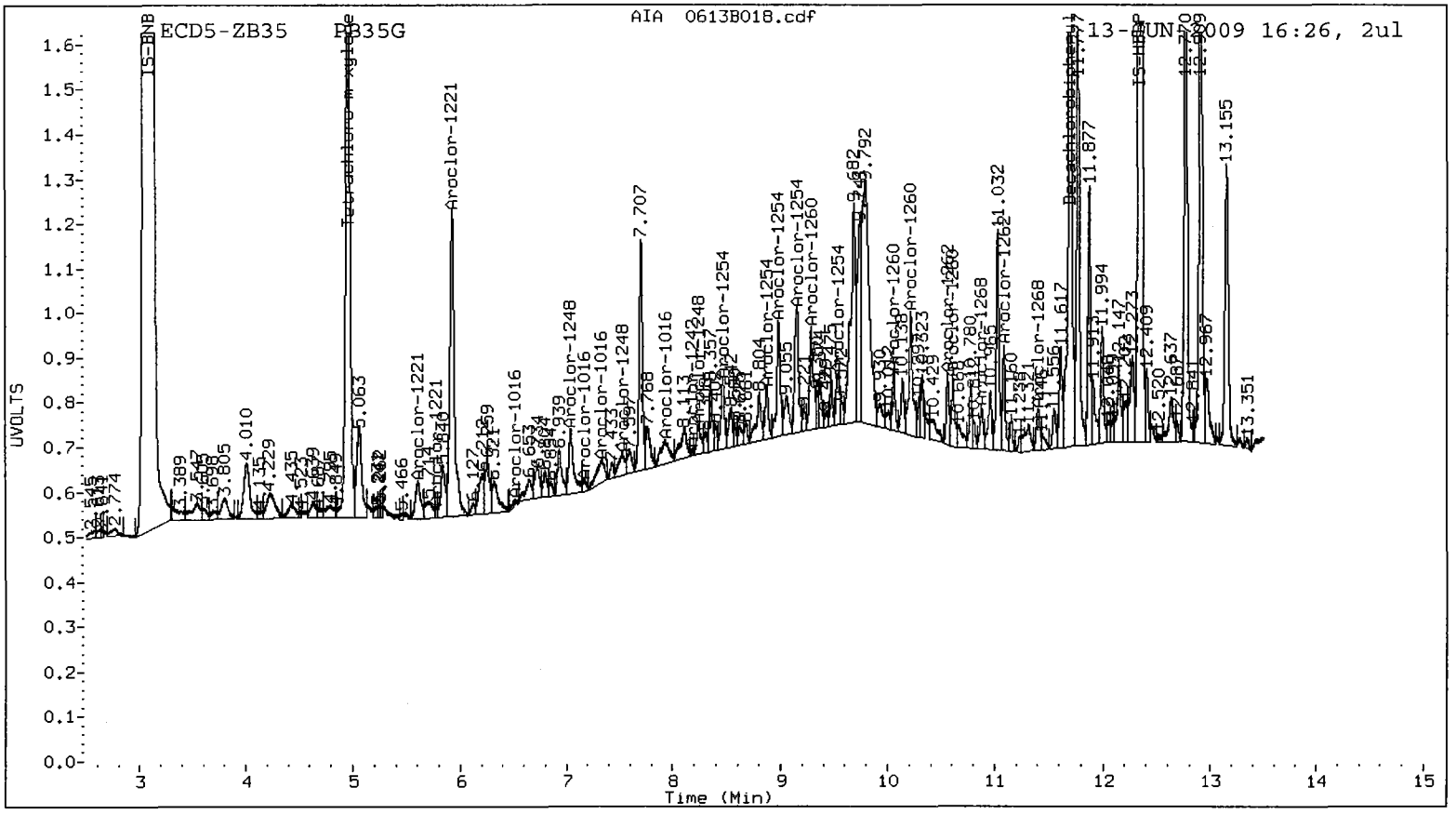
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
UVOLTS
Time (Min)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Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
UVOLTS
Time (Min)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED2-B
SAMPLE

Lab Sample ID: PB35I
LIMS ID: 09-12725
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 17:17
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 32.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**4.7**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	80.1%
Tetrachlorometaxylene	67.2%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B021.d
Data file 2: 20090606.B/0613-2.b/0613B021.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35I
Client ID:
Injection Date: 13-JUN-2009 17:17
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.396	-0.003	1811490	4.966	-0.001	2033255	5.2	5.4	3.4	Tetrachloro-m-xylene
11.059	-0.001	1669346	11.703	0.000	1829772	6.4	6.1	4.1	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	65.0	67.3
Decachlorobiphenyl	80.1	76.9

JR 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	26611204	-11.4
Hexabromobiphenyl	12924817	9504231	-26.5

✓

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	29230217	-12.2
Hexabromobiphenyl	11348053	10309102	-9.2

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

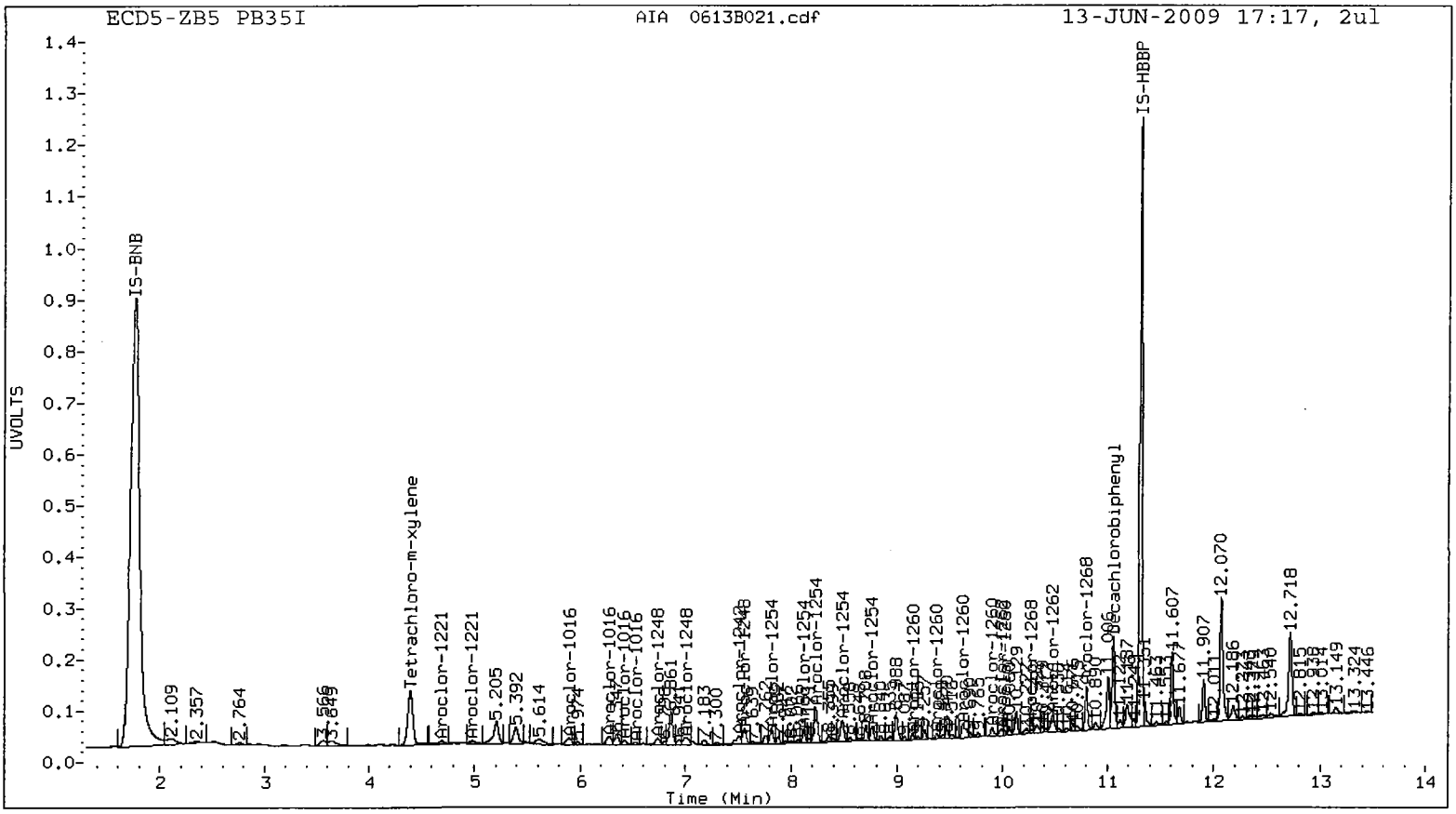
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount	
Aroclor-1016	1	5.897	-0.005	224641	27.9	1	6.526	-0.002	219942	16.5	
Aroclor-1016	2	6.274	-0.002	270895	10.5	2	7.110	0.002	243922	8.8	
Aroclor-1016	3	6.417	-0.002	121072	10.9	3	7.309	0.004	191350	17.6	
Aroclor-1016	4	6.524	5.524	73844	10.4	4	7.893	0.000	182467	22.0	
	Total Col1Ave (4 peaks):				14.9	Total Col2Ave (4 peaks):				16.2	RPD = 8
	Corrected Ave (3 peaks):				10.6	Corrected Ave (3 peaks):				14.3	RPD = 30
Aroclor-1221	1	4.690	-0.042	102015	7.0	1	5.602	0.035	102435	6.0	
Aroclor-1221	2	4.977	0.082	107874	11.7	2	5.842	0.051	208393	20.6	
Aroclor-1221	3	---			0.0	3	5.926	0.030	969337	29.0	
Aroclor-1221	NS	---			----	4	7.309	-0.002	191350	36.1	
	Col1Ave: <3 Quant Peaks					Col2Ave: 22.9					
Aroclor-1232	1	4.977	0.079	107874	9.1	1	5.926	0.030	969337	88.9	
Aroclor-1232	2	5.897	-0.005	224641	39.0	2	6.526	-0.009	219942	22.0	
Aroclor-1232	3	6.274	0.001	270895	14.7	3	7.110	-0.003	243922	12.7	
Aroclor-1232	4	6.417	-0.008	121072	15.2	4	7.309	-0.001	191350	25.3	
	Total Col1Ave (4 peaks):				19.5	Total Col2Ave (4 peaks):				37.2	RPD = 63*
	Corrected Ave (3 peaks):				13.0	Corrected Ave (3 peaks):				20.0	RPD = 42*
Aroclor-1242	1	5.897	-0.007	224641	28.7	1	6.526	-0.005	219942	17.4	
Aroclor-1242	2	6.274	-0.003	270895	10.9	2	7.110	0.000	243922	9.4	
Aroclor-1242	3	6.417	-0.003	121072	11.1	3	7.309	0.003	191350	19.3	
Aroclor-1242	4	7.508	-0.003	301851	35.1	4	8.186	0.001	99931	22.1	
	Total Col1Ave (4 peaks):				21.5	Total Col2Ave (4 peaks):				17.1	RPD = 23
	Corrected Ave (3 peaks):				16.9	Corrected Ave (3 peaks):				15.4	RPD = 10
Aroclor-1248	1	6.274	0.001	270895	17.6	1	7.110	0.004	243922	15.0	
Aroclor-1248	2	6.735	-0.003	204261	20.3	2	7.531	-0.001	173674	18.5	
Aroclor-1248	3	7.013	-0.010	282682	24.0	3	7.893	0.000	182467	14.9	
Aroclor-1248	4	7.563	-0.005	392456	20.8	4	8.239	0.000	254756	16.0	
	Total Col1Ave (4 peaks):				20.7	Total Col2Ave (4 peaks):				16.1	RPD = 25
	Corrected Ave (3 peaks):				19.6	Corrected Ave (3 peaks):				15.3	RPD = 25
Aroclor-1254	1	7.819	-0.003	314741	15.1	1	8.468	-0.001	370297	21.9	
Aroclor-1254	2	8.121	-0.004	254058	19.0	2	8.870	0.001	223000	20.1	
Aroclor-1254	3	8.232	0.002	828279	32.6	3	8.980	0.000	517769	23.3	
Aroclor-1254	4	8.484	-0.007	524790	19.7	4	9.152	0.012	804446	31.2	
Aroclor-1254	5	8.762	-0.002	269643	16.8	5	9.533	0.001	366083	24.2	
	Total Col1Ave (5 peaks):				20.6	Total Col2Ave (5 peaks):				24.2	RPD = 16
	Corrected Ave (4 peaks):				17.6	Corrected Ave (4 peaks):				22.4	RPD = 24
Aroclor-1260	1	9.144	-0.002	119951	11.8	1	9.290	0.003	716425	37.0	
Aroclor-1260	2	9.371	-0.002	101941	10.5	2	10.060	0.005	242557	19.3	
Aroclor-1260	3	9.619	0.000	391600	15.9	3	10.218	0.003	484890	15.0	
Aroclor-1260	4	9.896	-0.002	190241	14.9	4	10.612	-0.003	278933	14.6	
Aroclor-1260	5	10.019	-0.001	70125	11.3	NS	---			----	
	Total Col1Ave (5 peaks):				12.9	Total Col2Ave (4 peaks):				21.5	RPD = 50*
	Corrected Ave (4 peaks):				12.1	Corrected Ave (3 peaks):				16.3	RPD = 29
Aroclor-1262	1	9.371	-0.002	101941	5.0	1	10.060	0.002	242557	9.3	
Aroclor-1262	2	9.619	0.000	391600	8.1	2	10.218	-0.001	484890	7.8	
Aroclor-1262	3	9.987	-0.034	156268	7.5	3	10.565	-0.006	174763	6.7	
Aroclor-1262	4	10.019	9.019	70125	3.2	4	10.612	-0.006	278933	7.3	
Aroclor-1262	5	10.479	0.022	449569	25.4	5	11.091	0.008	325385	15.5	
	Total Col1Ave (5 peaks):				9.8	Total Col2Ave (5 peaks):				9.3	RPD = 5
	Corrected Ave (4 peaks):				6.0	Corrected Ave (4 peaks):				7.8	RPD = 26
Aroclor-1268	1	9.987	-0.034	156268	3.9	1	10.565	-0.006	174763	3.7	
Aroclor-1268	2	10.019	9.019	70125	1.8	2	10.612	-0.006	278933	6.4	
Aroclor-1268	3	10.273	0.042	55110	1.8	3	10.881	-0.007	165424	4.9	
Aroclor-1268	4	10.800	-0.003	695283	8.0	4	11.410	-0.006	141023	1.4	
	Total Col1Ave (4 peaks):				3.9	Total Col2Ave (4 peaks):				4.1	RPD = 5
	Corrected Ave (3 peaks):				2.5	Corrected Ave (3 peaks):				3.3	RPD = 27

Total PCB Area Col1 (4.498 - 10.960) = 13985331 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 18376920 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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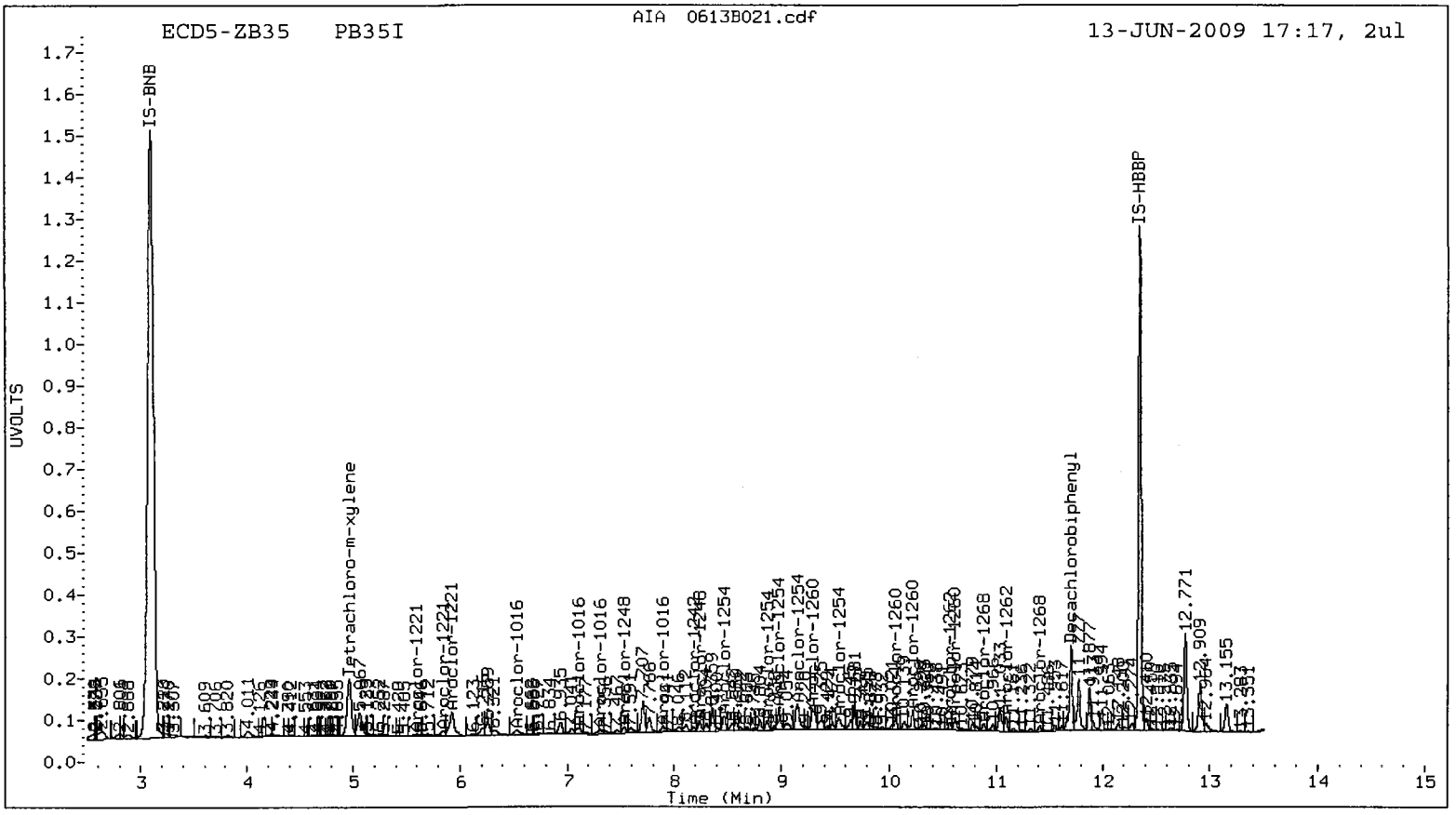
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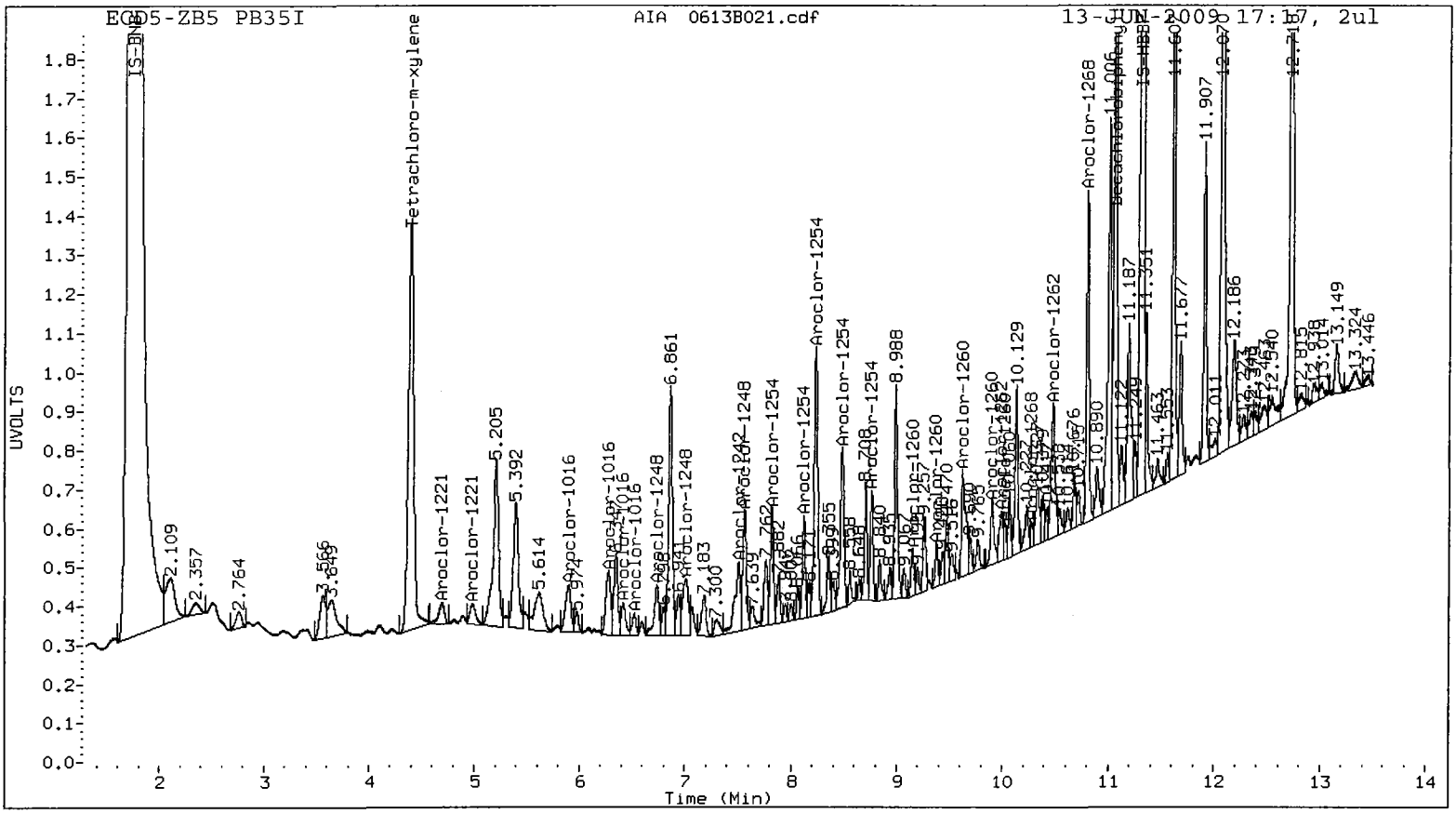
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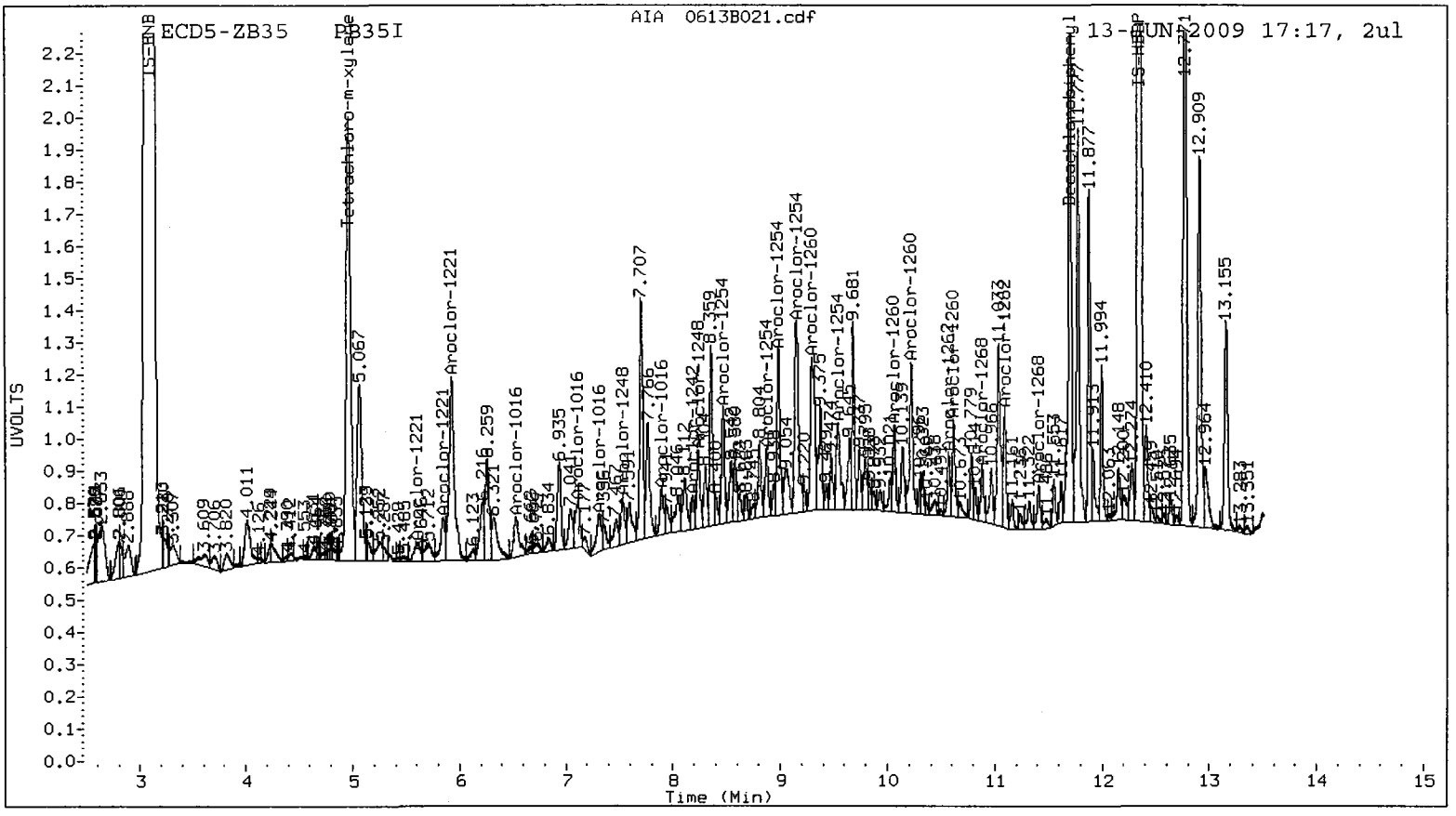
Decachlorobiphenyl
IS-HBB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Aroclor-1254
Aroclor-1260
Aroclor-1268
Decachlorobiphenyl
IS-HBB

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED2-C
SAMPLE

Lab Sample ID: PB35J
LIMS ID: 09-12726
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 17:34
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 35.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	**Aroclor 1248**	**3.9**	**12**
11097-69-1	**Aroclor 1254**	**3.9**	**6.5**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	96.2%
Tetrachlorometaxylene	59.8%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B022.d
Data file 2: 20090606.B/0613-2.b/0613B022.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35J
Client ID:
Injection Date: 13-JUN-2009 17:34
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.396	-0.003	1636516	4.967	0.000	1657308	4.8	4.6	3.5	Tetrachloro-m-xylene
11.060	0.000	1741379	11.705	0.001	2145952	7.1	7.7	8.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	59.8	57.7
Decachlorobiphenyl	88.6	96.2

06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	26152574	-12.9
Hexabromobiphenyl	12924817	8956358	-30.7

√

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	27787861	-16.5
Hexabromobiphenyl	11348053	9661708	-14.9

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

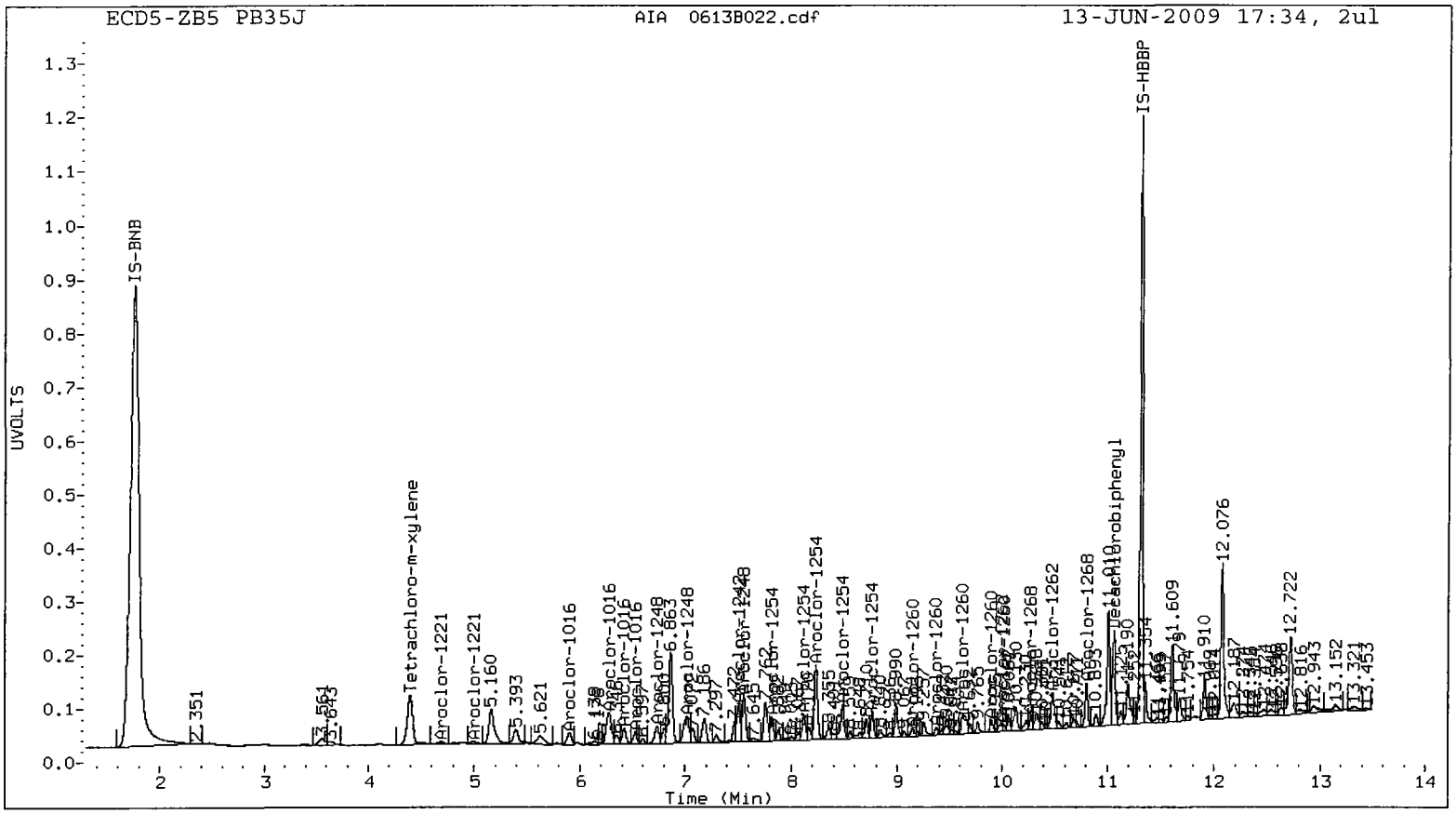
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount	
Aroclor-1016	1	5.899	-0.003	338148	42.7	1	6.529	0.001	308911	24.4	
Aroclor-1016	2	6.275	-0.001	1023633	40.2	2	7.110	0.003	1059647	40.0	
Aroclor-1016	3	6.418	-0.001	413686	38.0	3	7.308	0.004	552467	53.5	
Aroclor-1016	4	6.524	5.524	290829	41.8	4	7.892	0.000	669374	84.9	
Total Col1Ave (4 peaks):					40.7	Total Col2Ave (4 peaks):				50.7	RPD = 22
Corrected Ave (3 peaks):					40.0	Corrected Ave (3 peaks):				39.3	RPD = 2
Aroclor-1221	1	4.686	-0.047	78154	5.5	1	5.599	0.033	142226	8.8	
Aroclor-1221	2	4.992	0.097	104450	11.5	2	5.841	0.049	1271354	132.1	
Aroclor-1221	3	---			0.0	3	5.928	0.032	379138	11.9	
Aroclor-1221	NS	---			----	4	7.308	-0.002	552467	109.7	
Col1Ave: <3 Quant Peaks						Col2Ave:			65.6		
Aroclor-1232	1	4.992	0.094	104450	8.9	1	5.928	0.033	379138	36.6	
Aroclor-1232	2	5.899	-0.003	338148	59.7	2	6.529	-0.007	308911	32.6	
Aroclor-1232	3	6.275	0.002	1023633	56.5	3	7.110	-0.003	1059647	58.0	
Aroclor-1232	4	6.418	-0.007	413686	53.0	4	7.308	-0.002	552467	76.7	
Total Col1Ave (4 peaks):					44.5	Total Col2Ave (4 peaks):				51.0	RPD = 13
Corrected Ave (3 peaks):					39.5	Corrected Ave (3 peaks):				42.4	RPD = 7
Aroclor-1242	1	5.899	-0.005	338148	43.9	1	6.529	-0.002	308911	25.7	
Aroclor-1242	2	6.275	-0.002	1023633	41.7	2	7.110	0.000	1059647	42.9	
Aroclor-1242	3	6.418	-0.002	413686	38.7	3	7.308	0.002	552467	58.6	
Aroclor-1242	4	7.509	-0.002	800673	94.9	4	8.186	0.000	414618	96.6	
Total Col1Ave (4 peaks):					54.8	Total Col2Ave (4 peaks):				56.0	RPD = 2
Corrected Ave (3 peaks):					41.5	Corrected Ave (3 peaks):				42.4	RPD = 2
Aroclor-1248	1	6.275	0.002	1023633	67.7	1	7.110	0.004	1059647	68.4	
Aroclor-1248	2	6.735	-0.004	458846	46.4	2	7.531	-0.001	419675	47.1	
Aroclor-1248	3	7.017	-0.007	896242	77.6	3	7.892	0.000	669374	57.5	
Aroclor-1248	4	7.559	-0.008	1035329	55.9	4	8.239	0.000	895272	59.2	
Total Col1Ave (4 peaks):					61.9	Total Col2Ave (4 peaks):				58.0	RPD = 6
Corrected Ave (3 peaks):					56.7	Corrected Ave (3 peaks):				54.6	RPD = 4
Aroclor-1254	1	7.820	-0.001	470406	23.0	1	8.470	0.001	560386	34.9	
Aroclor-1254	2	8.122	-0.003	485197	36.8	2	8.871	0.001	327614	31.1	
Aroclor-1254	3	8.234	0.003	1587442	63.6	3	8.981	0.001	729174	34.5	
Aroclor-1254	4	8.488	-0.003	803943	30.7	4	9.149	0.009	1284092	52.4	
Aroclor-1254	5	8.765	0.000	499688	31.7	5	9.532	0.000	487339	33.9	
Total Col1Ave (5 peaks):					37.1	Total Col2Ave (5 peaks):				37.4	RPD = 1
Corrected Ave (4 peaks):					30.5	Corrected Ave (4 peaks):				33.6	RPD = 10
Aroclor-1260	1	9.146	-0.001	169790	17.7	1	9.291	0.004	790694	43.6	
Aroclor-1260	2	9.372	-0.002	143381	15.7	2	10.061	0.006	263993	22.4	
Aroclor-1260	3	9.622	0.003	645130	27.8	3	10.220	0.005	630571	20.9	
Aroclor-1260	4	9.897	-0.001	209692	17.4	4	10.612	-0.003	456092	25.4	
Aroclor-1260	5	10.020	0.000	86358	14.7	NS	---			----	
Total Col1Ave (5 peaks):					18.7	Total Col2Ave (4 peaks):				28.1	RPD = 40*
Corrected Ave (4 peaks):					16.4	Corrected Ave (3 peaks):				22.9	RPD = 33
Aroclor-1262	1	9.372	-0.002	143381	7.4	1	10.061	0.002	263993	10.8	
Aroclor-1262	2	9.622	0.004	645130	14.1	2	10.220	0.001	630571	10.8	
Aroclor-1262	3	9.990	-0.031	177881	9.1	3	10.566	-0.005	308337	12.6	
Aroclor-1262	4	10.020	9.020	86358	4.2	4	10.612	-0.007	456092	12.8	
Aroclor-1262	5	10.481	0.025	820017	49.1	5	11.094	0.011	557900	28.3	
Total Col1Ave (5 peaks):					16.8	Total Col2Ave (5 peaks):				15.1	RPD = 11
Corrected Ave (4 peaks):					8.7	Corrected Ave (4 peaks):				11.7	RPD = 30
Aroclor-1268	1	9.990	-0.031	177881	4.7	1	10.566	-0.006	308337	6.9	
Aroclor-1268	2	10.020	9.020	86358	2.4	2	10.612	-0.007	456092	11.1	
Aroclor-1268	3	10.275	0.043	235366	8.2	3	10.884	-0.004	257863	8.1	
Aroclor-1268	4	10.802	0.000	723655	8.9	4	11.414	-0.002	196370	2.1	
Total Col1Ave (4 peaks):					6.1	Total Col2Ave (4 peaks):				7.0	RPD = 15
Corrected Ave (3 peaks):					5.1	Corrected Ave (3 peaks):				5.7	RPD = 11

Total PCB Area Col1 (4.498 - 10.960) = 26502412 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 31674510 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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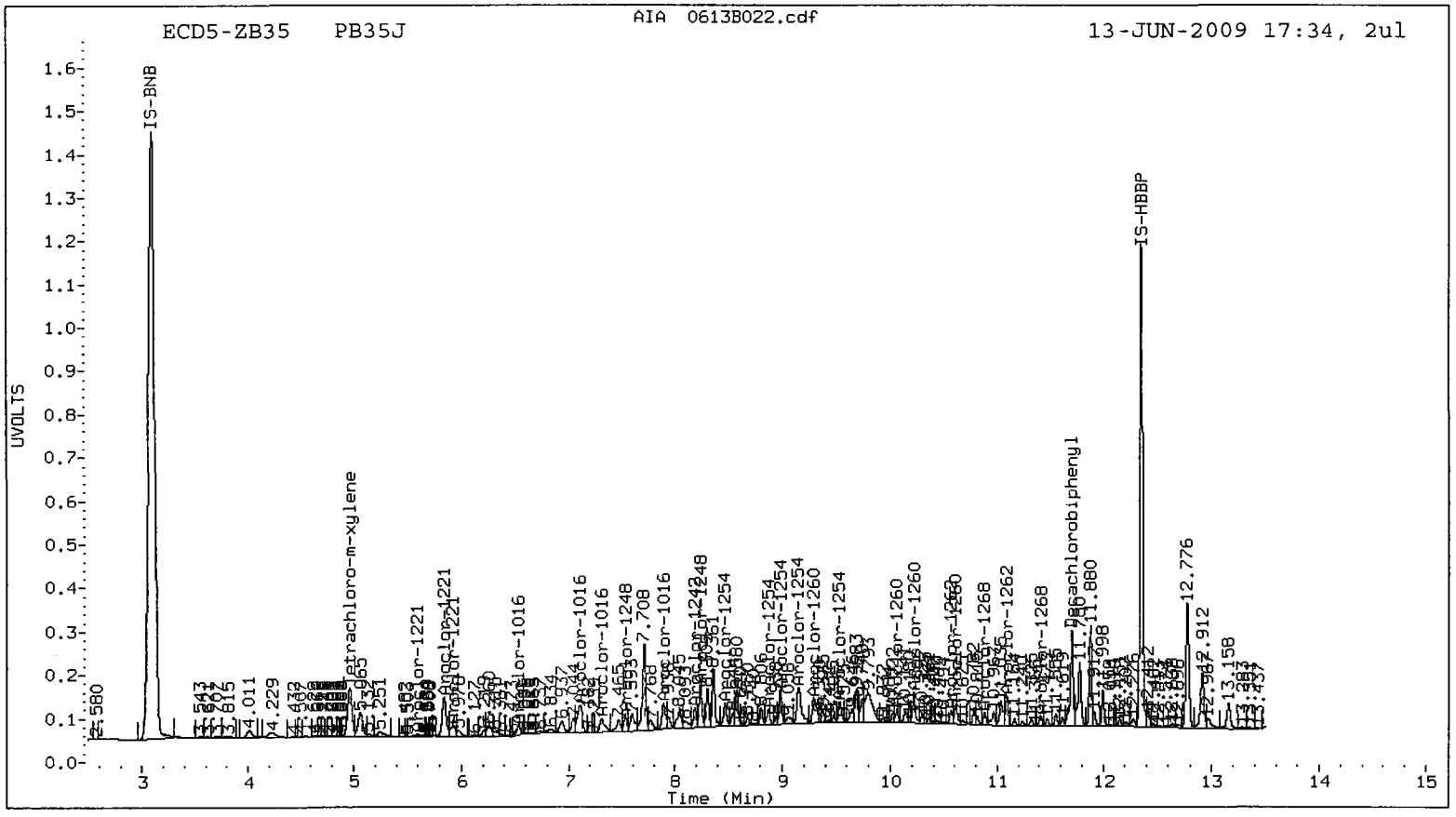
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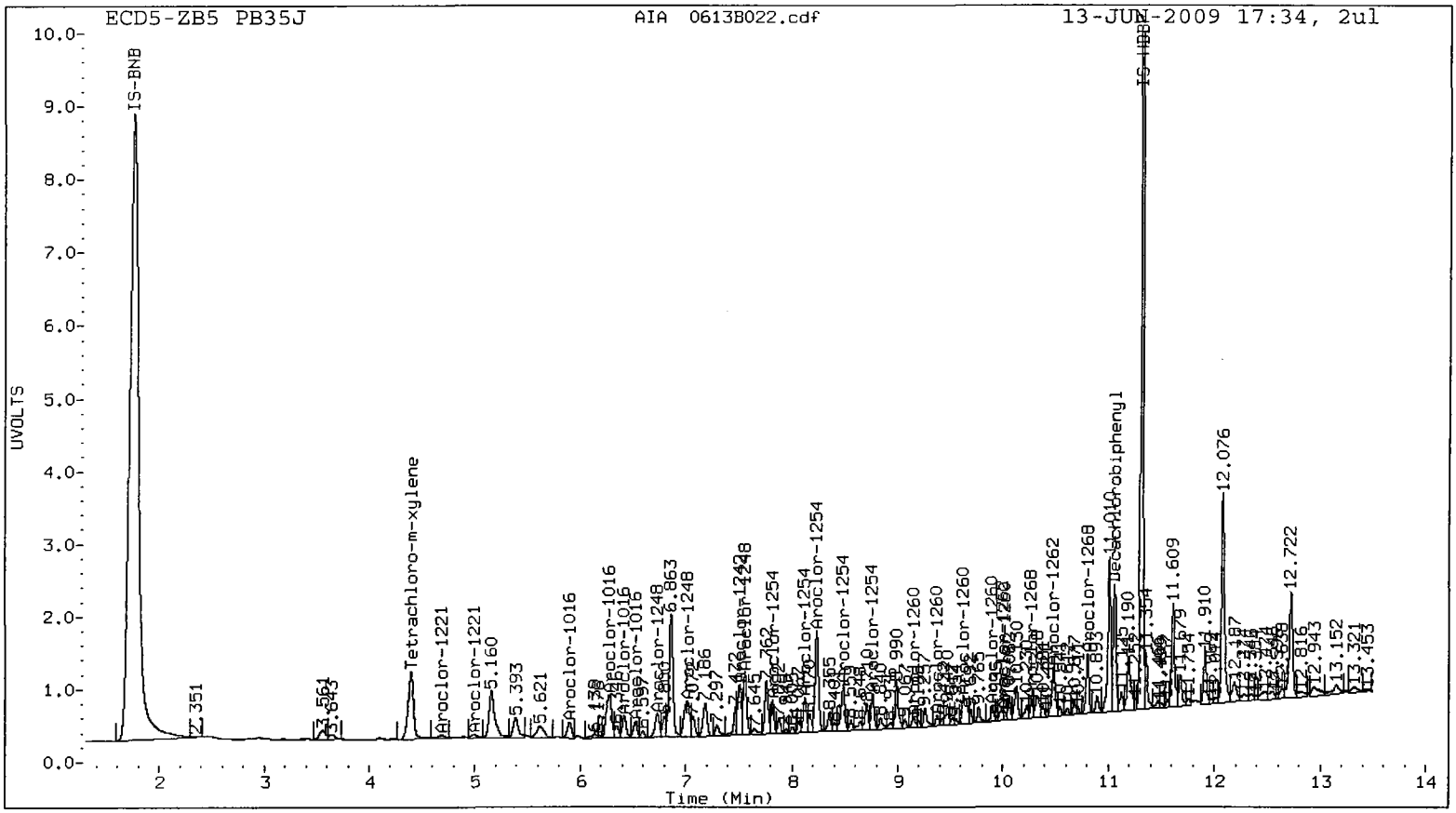
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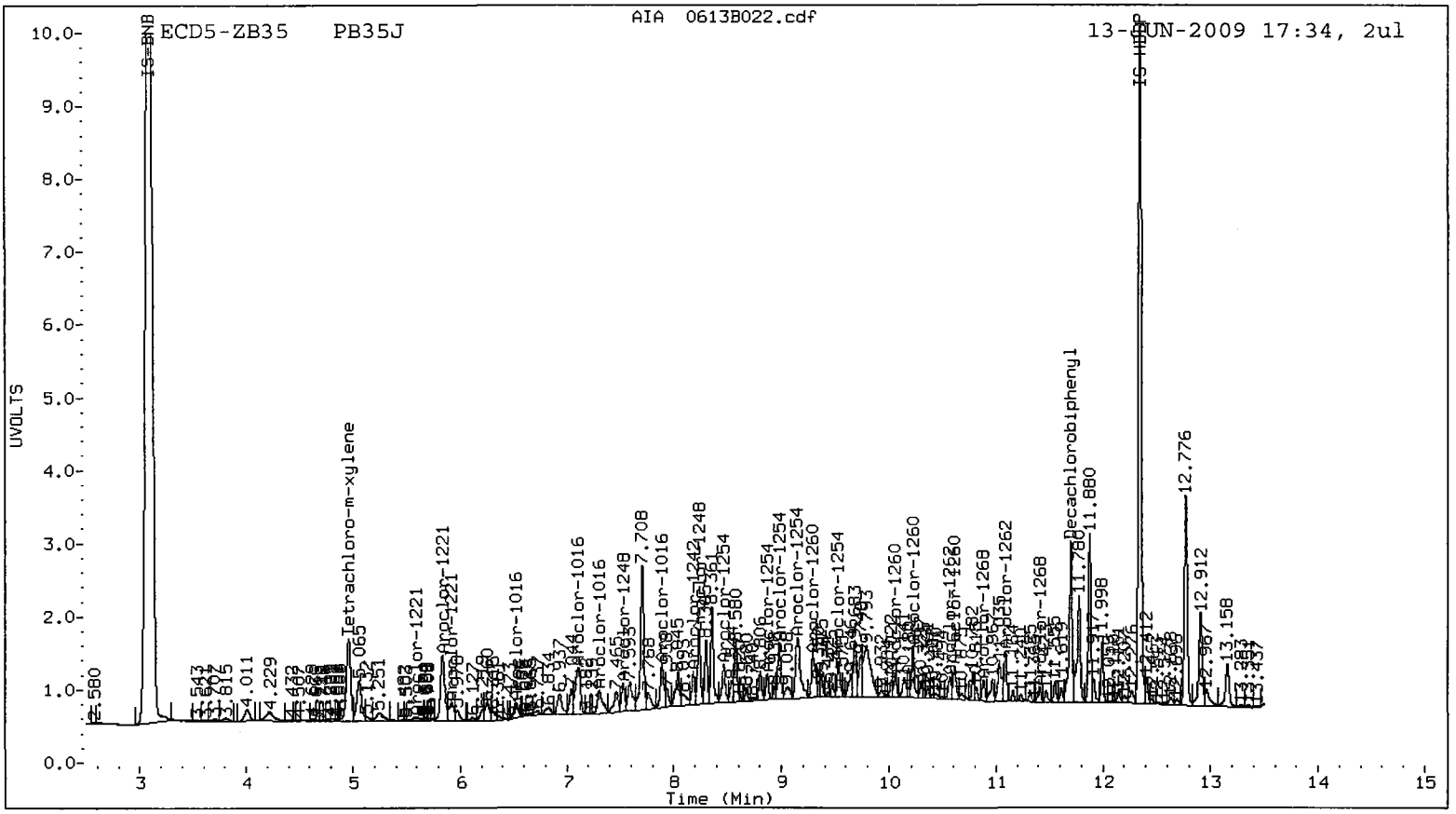
UVOLTS
Time (Min)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IS-HBB
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UVOLTS
Time (Min)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED11-A
SAMPLE

Lab Sample ID: PB35K
LIMS ID: 09-12727
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 17:52
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 17.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: 31.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	12	< 12 U
53469-21-9	Aroclor 1242	12	< 12 U
12672-29-6	Aroclor 1248	12	< 12 U
11097-69-1	**Aroclor 1254**	**12**	**99**
11096-82-5	**Aroclor 1260**	**12**	**39 P**
11104-28-2	Aroclor 1221	12	< 12 U
11141-16-5	Aroclor 1232	12	< 12 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	93.0%
Tetrachlorometaxylene	67.0%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B023.d
Data file 2: 20090606.B/0613-2.b/0613B023.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35K
Client ID:
Injection Date: 13-JUN-2009 17:52
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 10.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.396	-0.002	941324	4.962	-0.004	922128	2.7	2.4	12.8	Tetrachloro-m-xylene
11.059	-0.001	818230	11.703	0.000	1026951	3.4	3.7	8.8	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	67.0	59.0
Decachlorobiphenyl	85.1	93.0

JM 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	26814605	-10.7
Hexabromobiphenyl	12924817	8762817	-32.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	30244200	-9.1
Hexabromobiphenyl	11348053	9563085	-15.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

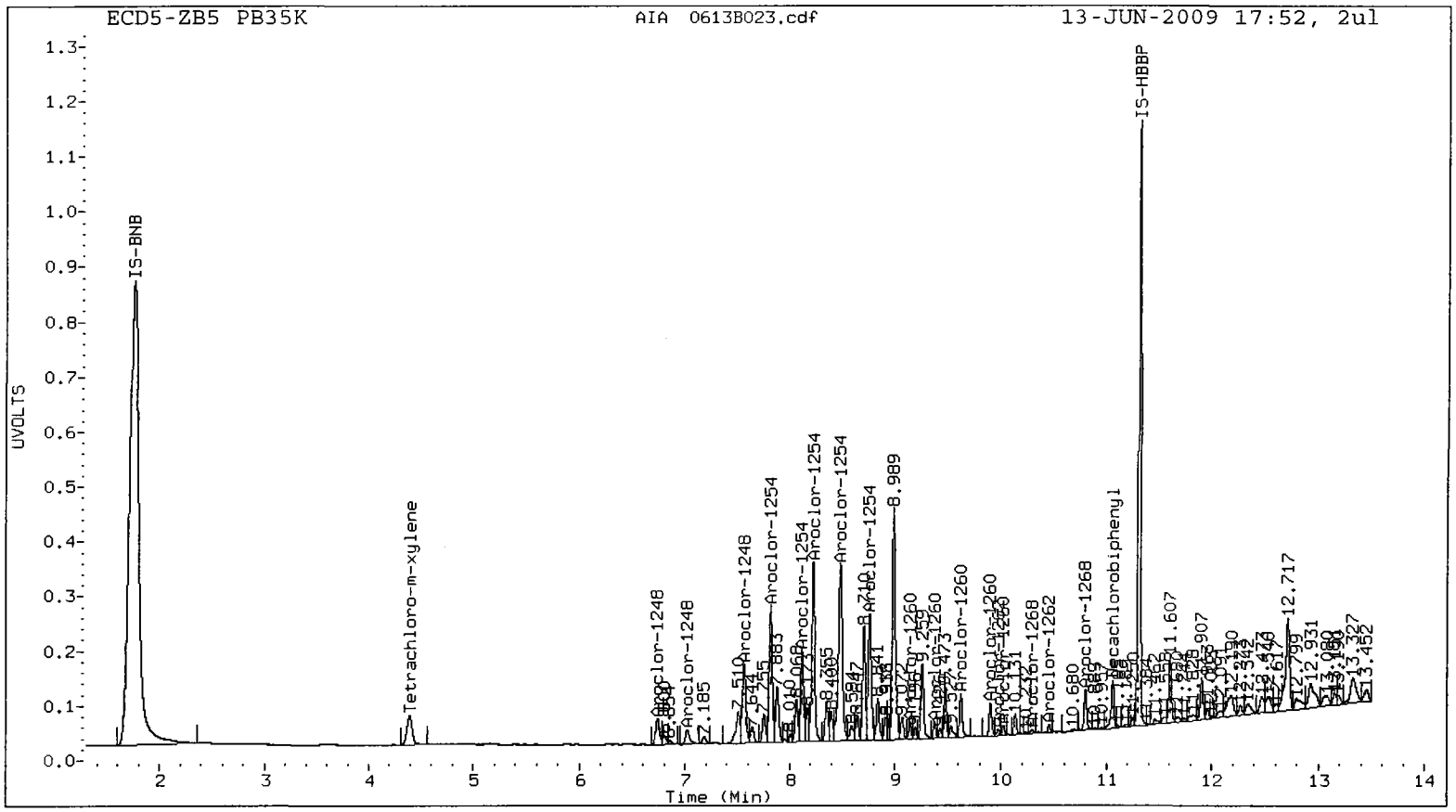
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.495	-0.033	11161	0.8
Aroclor-1016	2	---			0.0	2	7.117	0.009	41174	1.4
Aroclor-1016	3	---			0.0	3	7.269	-0.036	15161	1.3
Aroclor-1016	4	---			0.0	4	7.894	0.001	305954	35.7
	Col1Ave: <3 Quant Peaks						Col2Ave:		9.8	
Aroclor-1221	1	---			0.0	1	5.603	0.036	30681	1.7
Aroclor-1221	2	---			0.0	2	5.840	0.048	49631	4.7
Aroclor-1221	3	---			0.0	3	5.926	0.030	17709	0.5
Aroclor-1221	NS	---			----	4	7.269	-0.042	15161	2.8
	Col1Ave: <3 Quant Peaks						Col2Ave:		2.4	
Aroclor-1232	1	---			0.0	1	5.926	0.030	17709	1.6
Aroclor-1232	2	---			0.0	2	6.495	-0.040	11161	1.1
Aroclor-1232	3	---			0.0	3	7.117	0.003	41174	2.1
Aroclor-1232	4	---			0.0	4	7.269	-0.041	15161	1.9
	Col1Ave: <3 Quant Peaks						Col2Ave:		1.7	
Aroclor-1242	1	---			0.0	1	6.495	-0.036	11161	0.9
Aroclor-1242	2	---			0.0	2	7.117	0.007	41174	1.5
Aroclor-1242	3	---			0.0	3	7.269	-0.037	15161	1.5
Aroclor-1242	4	---			0.0	4	8.186	0.000	194006	41.5
	Col1Ave: <3 Quant Peaks						Col2Ave:		11.4	
Aroclor-1248	1	---			0.0	1	7.117	0.010	41174	2.4
Aroclor-1248	2	6.737	-0.001	608484	60.0	2	7.530	-0.002	609467	62.8
Aroclor-1248	3	7.023	-0.001	367552	31.0	3	7.894	0.001	305954	24.2
Aroclor-1248	4	7.566	-0.001	1708822	90.1	4	8.239	0.001	723036	43.9
	Total Col1Ave (3 peaks):				60.4		Total Col2Ave (4 peaks):		33.3	RPD = 58*
	Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):		23.5	
Aroclor-1254	1	7.820	-0.001	2661847	127.0	1	8.470	0.001	2585069	148.0
Aroclor-1254	2	8.123	-0.002	1702926	126.1	2	8.870	0.001	1649248	143.8
Aroclor-1254	3	8.228	-0.002	3403877	132.9	3	8.981	0.001	3824353	166.3
Aroclor-1254	4	8.489	-0.002	4349458	161.8	4	9.141	0.000	5266822	197.6
Aroclor-1254	5	8.764	-0.001	2501423	154.5	5	9.533	0.000	3036047	194.2
	Total Col1Ave (5 peaks):				140.5		Total Col2Ave (5 peaks):		170.0	RPD = 19
	Corrected Ave (4 peaks):				135.1		Corrected Ave (4 peaks):		163.1	RPD = 19
Aroclor-1260	1	9.145	-0.001	261763	27.8	1	9.288	0.001	2740551	152.5
Aroclor-1260	2	9.373	0.000	252119	28.2	2	10.062	0.008	1350479	115.9
Aroclor-1260	3	9.618	-0.001	730299	32.2	3	10.217	0.002	1330072	44.4
Aroclor-1260	4	9.896	-0.002	534191	45.4	4	10.615	0.000	711398	40.0
Aroclor-1260	5	10.020	0.000	155438	27.1	NS	---			----
	Total Col1Ave (5 peaks):				32.1		Total Col2Ave (4 peaks):		88.2	RPD = 93*
	Corrected Ave (4 peaks):				28.8		Corrected Ave (3 peaks):		66.8	RPD = 79*
Aroclor-1262	1	9.373	-0.001	252119	13.4	1	10.062	0.004	1350479	55.8
Aroclor-1262	2	9.618	0.000	730299	16.3	2	10.217	-0.002	1330072	23.0
Aroclor-1262	3	9.969	-0.052	108064	5.7	3	10.571	0.000	213874	8.8
Aroclor-1262	4	10.020	9.020	155438	7.7	4	10.615	-0.004	711398	20.2
Aroclor-1262	5	10.456	-0.001	128168	7.8	5	11.081	-0.002	215891	11.1
	Total Col1Ave (5 peaks):				10.2		Total Col2Ave (5 peaks):		23.8	RPD = 80*
	Corrected Ave (4 peaks):				8.6		Corrected Ave (4 peaks):		15.8	RPD = 58*
Aroclor-1268	1	9.969	-0.052	108064	2.9	1	10.571	0.000	213874	4.8
Aroclor-1268	2	10.020	9.020	155438	4.4	2	10.615	-0.003	711398	17.5
Aroclor-1268	3	10.293	0.061	57506	2.1	3	10.883	-0.005	38595	1.2
Aroclor-1268	4	10.801	-0.002	637548	8.0	4	11.412	-0.004	88016	1.0
	Total Col1Ave (4 peaks):				4.3		Total Col2Ave (4 peaks):		6.1	RPD = 34
	Corrected Ave (3 peaks):				3.1		Corrected Ave (3 peaks):		2.3	RPD = 30

Total PCB Area Col1 (4.498 - 10.960) = 37609376 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 44873141 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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IS-BNB
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
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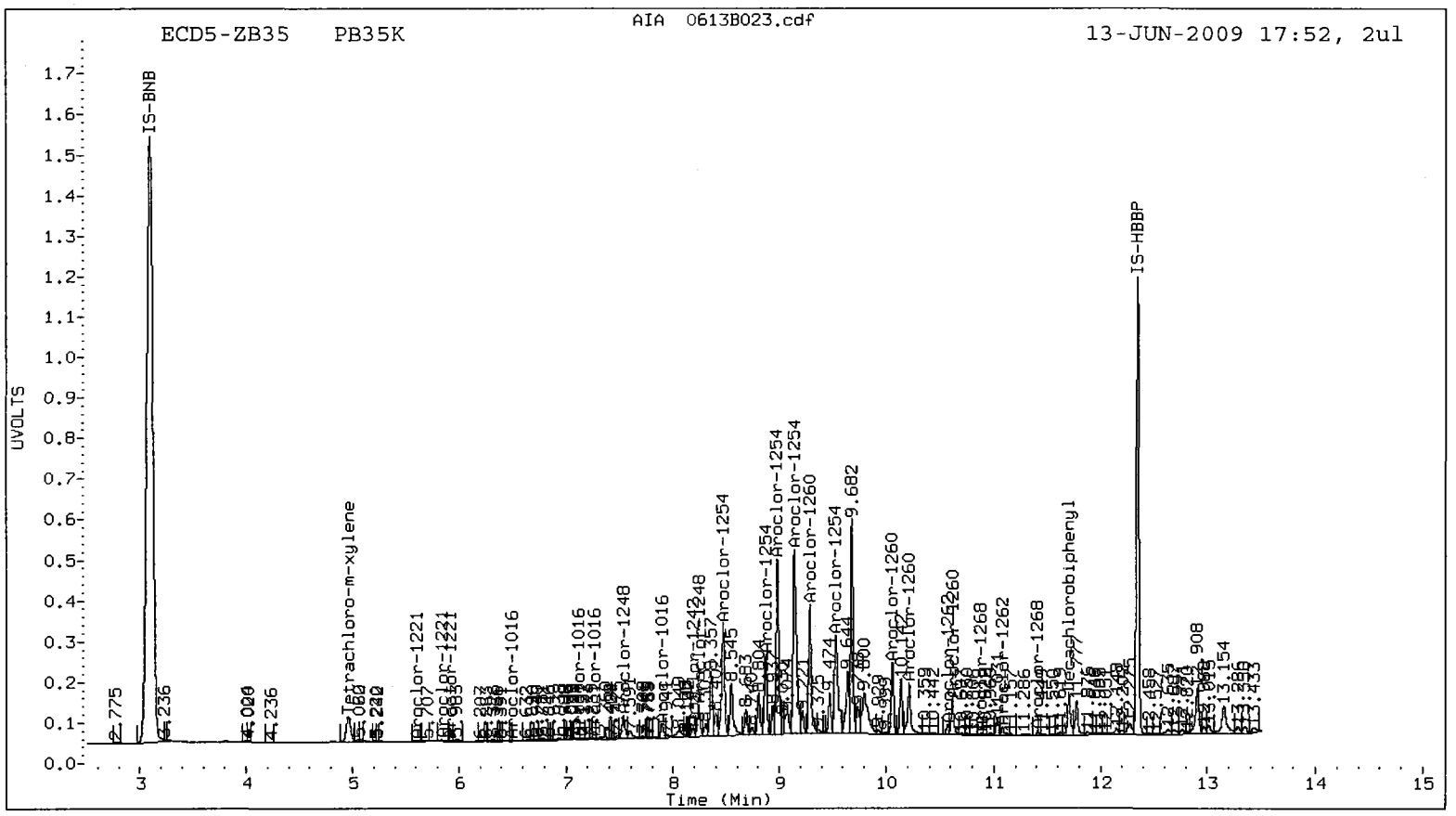
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
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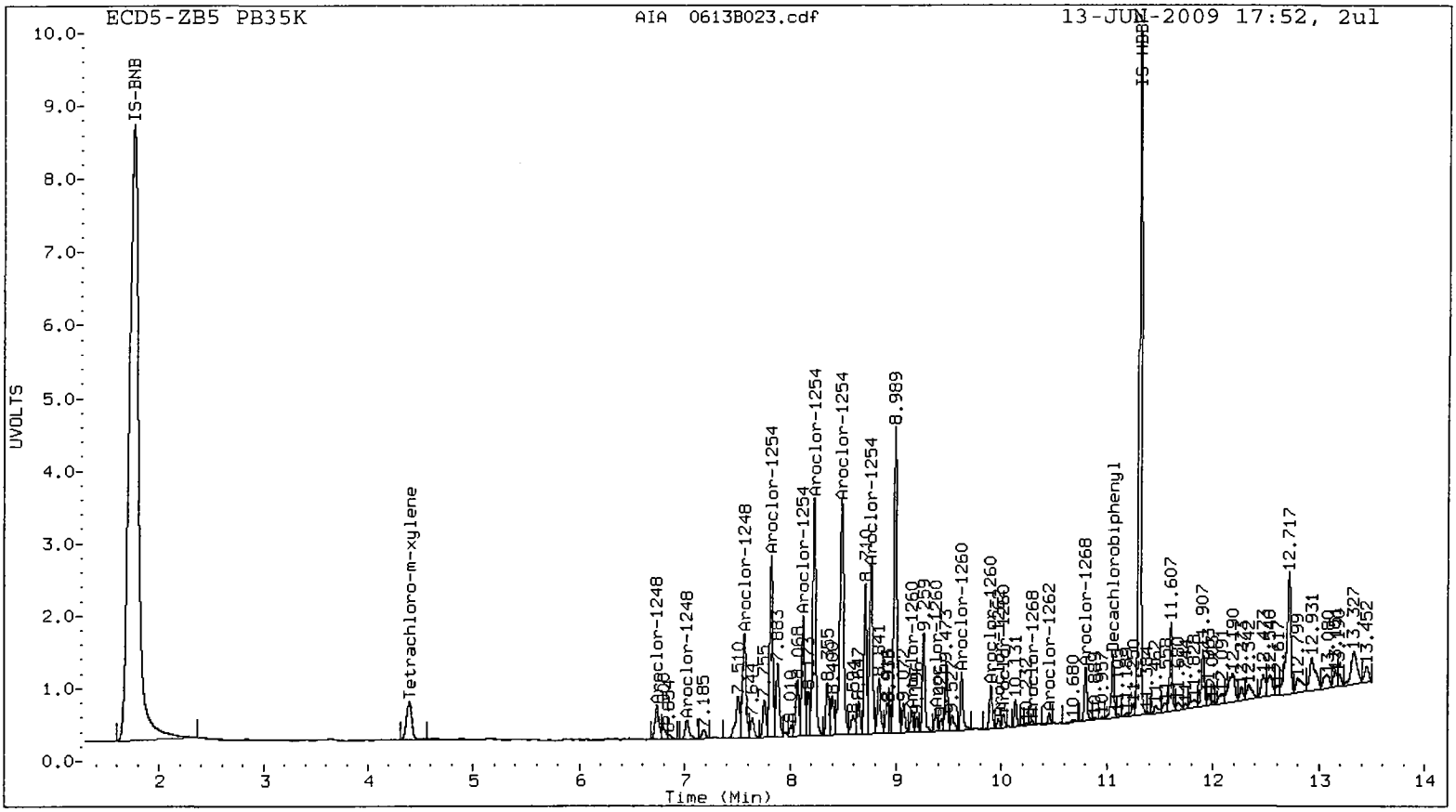
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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Tetrachloro-m-xylene
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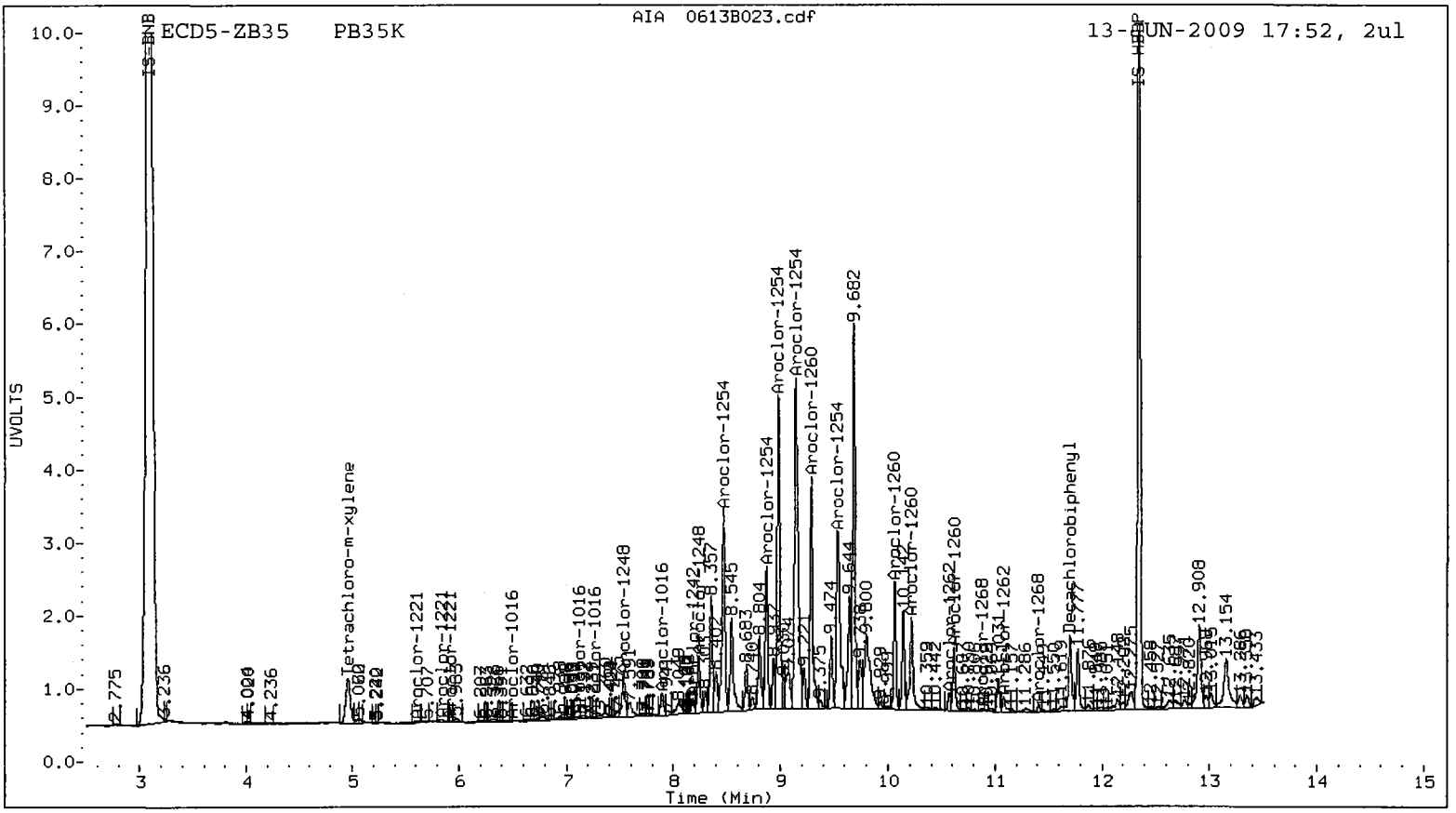
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB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Tetrachloro-m-xylene
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Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED11-B
SAMPLE

Lab Sample ID: PB35M
LIMS ID: 09-12729
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 18:09
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 7.95 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	25	< 25 U
53469-21-9	Aroclor 1242	25	< 25 U
12672-29-6	Aroclor 1248	25	< 25 U
11097-69-1	**Aroclor 1254**	**25**	**92**
11096-82-5	Aroclor 1260	25	< 25 U
11104-28-2	Aroclor 1221	25	< 25 U
11141-16-5	Aroclor 1232	25	< 25 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	92.2%
Tetrachlorometaxylene	63.8%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B024.d
Data file 2: 20090606.B/0613-2.b/0613B024.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35M
Client ID:
Injection Date: 13-JUN-2009 18:09
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 10.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.004	877812	4.966	0.000	1025032	2.5	2.6	3.7	Tetrachloro-m-xylene
11.059	-0.001	785441	11.704	0.000	1030668	3.2	3.7	13.4	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	61.5	63.8
Decachlorobiphenyl	80.6	92.2

JL 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27264827	-9.2
Hexabromobiphenyl	12924817	8887725	-31.2

✓

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31070375	-6.6
Hexabromobiphenyl	11348053	9684131	-14.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

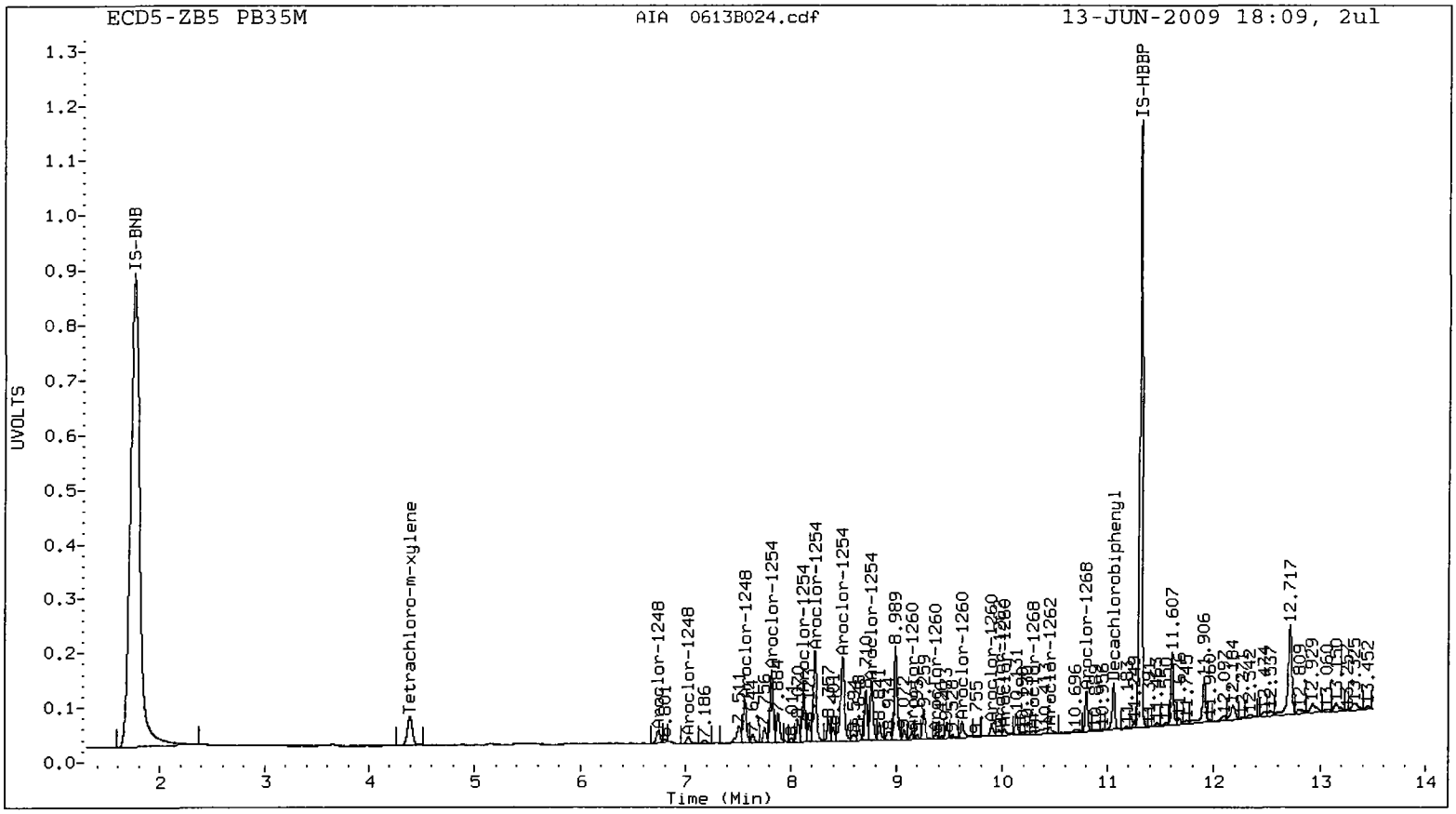
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.525	-0.003	20470	1.4
Aroclor-1016	2	---			0.0	2	7.080	-0.028	20660	0.7
Aroclor-1016	3	---			0.0	3	7.340	0.035	135004	11.7
Aroclor-1016	4	---			0.0	4	7.893	0.001	179314	20.4
		Col1Ave: <3 Quant Peaks					Col2Ave:		8.5	
Aroclor-1221	1	---			0.0	1	5.599	0.033	66508	3.7
Aroclor-1221	2	---			0.0	2	5.840	0.049	131777	12.2
Aroclor-1221	3	---			0.0	3	5.937	0.041	66460	1.9
Aroclor-1221	NS	---			----	4	7.340	0.029	135004	24.0
		Col1Ave: <3 Quant Peaks					Col2Ave:		10.4	
Aroclor-1232	1	---			0.0	1	5.937	0.041	66460	5.7
Aroclor-1232	2	---			0.0	2	6.525	-0.010	20470	1.9
Aroclor-1232	3	---			0.0	3	7.080	-0.034	20660	1.0
Aroclor-1232	4	---			0.0	4	7.340	0.030	135004	16.8
		Col1Ave: <3 Quant Peaks					Col2Ave:		6.4	
Aroclor-1242	1	---			0.0	1	6.525	-0.006	20470	1.5
Aroclor-1242	2	---			0.0	2	7.080	-0.030	20660	0.7
Aroclor-1242	3	---			0.0	3	7.340	0.034	135004	12.8
Aroclor-1242	4	---			0.0	4	8.185	0.000	106808	22.3
		Col1Ave: <3 Quant Peaks					Col2Ave:		9.3	
Aroclor-1248	1	---			0.0	1	7.080	-0.026	20660	1.2
Aroclor-1248	2	6.738	-0.001	259303	25.1	2	7.531	-0.001	356231	35.7
Aroclor-1248	3	7.021	-0.003	183566	15.2	3	7.893	0.001	179314	13.8
Aroclor-1248	4	7.566	-0.001	955954	49.5	4	8.240	0.001	393971	23.3
		Total Col1Ave (3 peaks):		30.0			Total Col2Ave (4 peaks):		18.5	RPD = 47*
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		12.8	
Aroclor-1254	1	7.821	-0.001	1421260	66.7	1	8.470	0.001	1297228	72.3
Aroclor-1254	2	8.124	-0.001	915434	66.7	2	8.871	0.001	800148	67.9
Aroclor-1254	3	8.229	-0.002	1796392	69.0	3	8.981	0.001	1668860	70.6
Aroclor-1254	4	8.489	-0.002	2169207	79.4	4	9.142	0.001	2304708	84.2
Aroclor-1254	5	8.764	0.000	1172799	71.3	5	9.533	0.000	1159399	72.2
		Total Col1Ave (5 peaks):		70.6			Total Col2Ave (5 peaks):		73.4	RPD = 4
		Corrected Ave (4 peaks):		68.4			Corrected Ave (4 peaks):		70.8	RPD = 3
Aroclor-1260	1	9.146	0.000	136318	14.3	1	9.288	0.000	1239730	68.1
Aroclor-1260	2	9.372	-0.001	86186	9.5	2	10.061	0.007	476035	40.4
Aroclor-1260	3	9.618	-0.001	339784	14.8	3	10.216	0.002	460295	15.2
Aroclor-1260	4	9.897	-0.001	224933	18.8	4	10.615	0.000	253974	14.1
Aroclor-1260	5	10.018	-0.002	169493	29.1	NS	---			----
		Total Col1Ave (5 peaks):		17.3			Total Col2Ave (4 peaks):		34.4	RPD = 66*
		Corrected Ave (4 peaks):		14.4			Corrected Ave (3 peaks):		23.2	RPD = 47*
Aroclor-1262	1	9.372	-0.002	86186	4.5	1	10.061	0.003	476035	19.4
Aroclor-1262	2	9.618	-0.001	339784	7.5	2	10.216	-0.002	460295	7.9
Aroclor-1262	3	9.969	-0.052	134319	6.9	3	10.568	-0.003	115032	4.7
Aroclor-1262	4	10.018	9.018	169493	8.3	4	10.615	-0.004	253974	7.1
Aroclor-1262	5	10.453	-0.004	145199	8.8	5	11.079	-0.004	81247	4.1
		Total Col1Ave (5 peaks):		7.2			Total Col2Ave (5 peaks):		8.6	RPD = 18
		Corrected Ave (4 peaks):		6.8			Corrected Ave (4 peaks):		5.9	RPD = 14
Aroclor-1268	1	9.969	-0.052	134319	3.6	1	10.568	-0.003	115032	2.6
Aroclor-1268	2	10.018	9.018	169493	4.8	2	10.615	-0.004	253974	6.2
Aroclor-1268	3	10.295	0.063	83027	2.9	3	10.875	-0.013	26571	0.8
Aroclor-1268	4	10.801	-0.002	629995	7.8	4	11.420	0.004	101620	1.1
		Total Col1Ave (4 peaks):		4.8			Total Col2Ave (4 peaks):		2.7	RPD = 57*
		Corrected Ave (3 peaks):		3.8			Corrected Ave (3 peaks):		1.5	RPD = 86*

Total PCB Area Col1 (4.498 - 10.960) = 19386566 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 23424869 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Time (Min)
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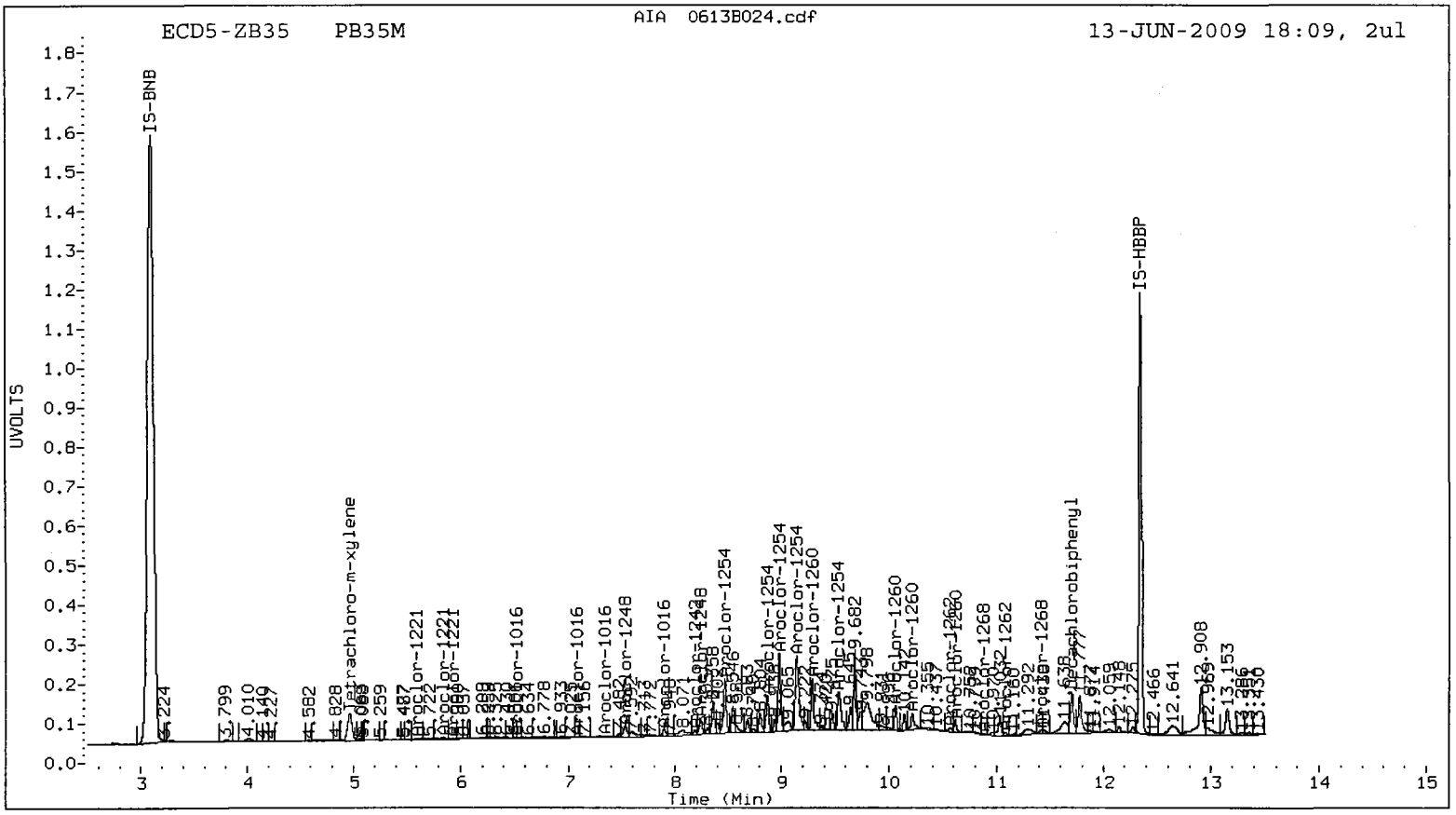
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
12.717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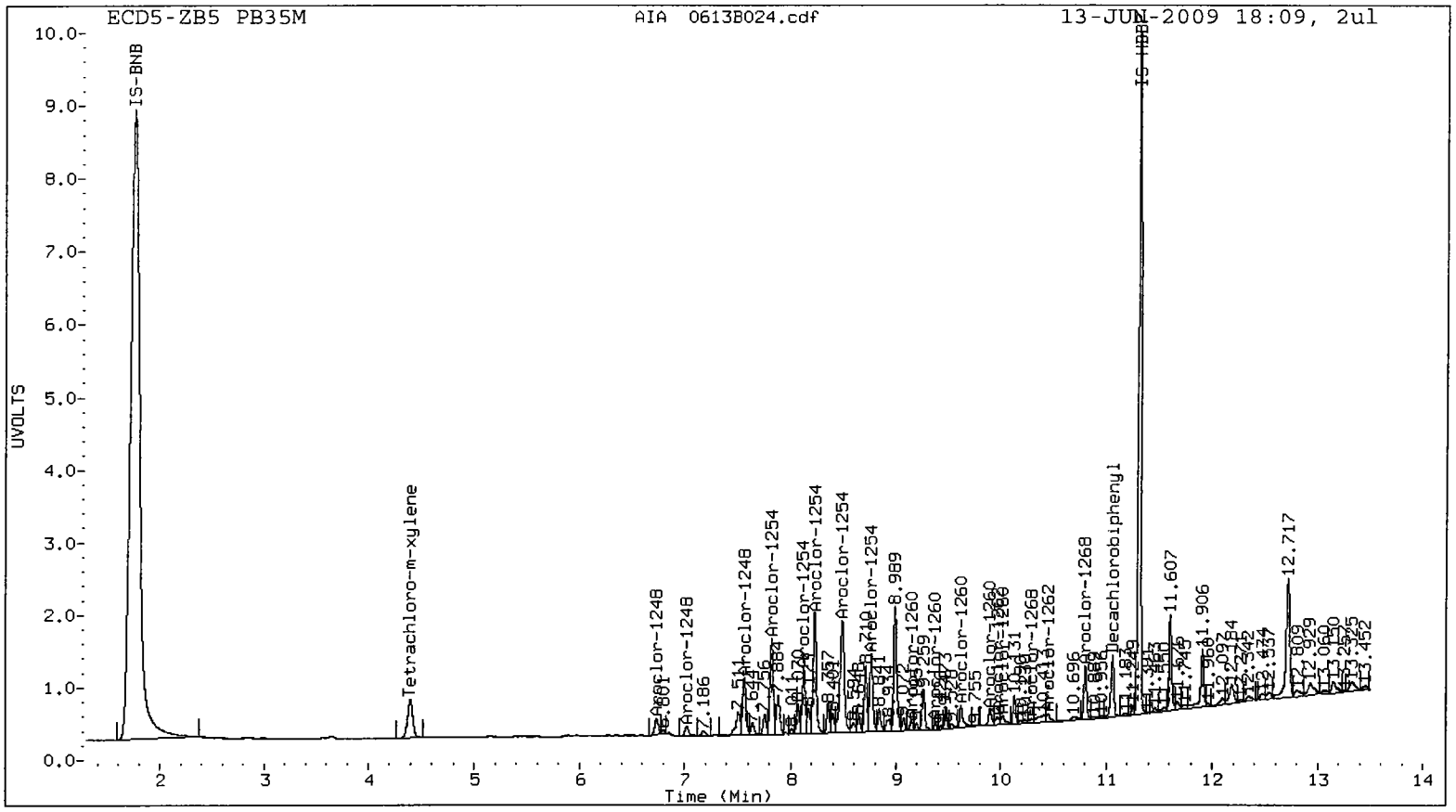
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl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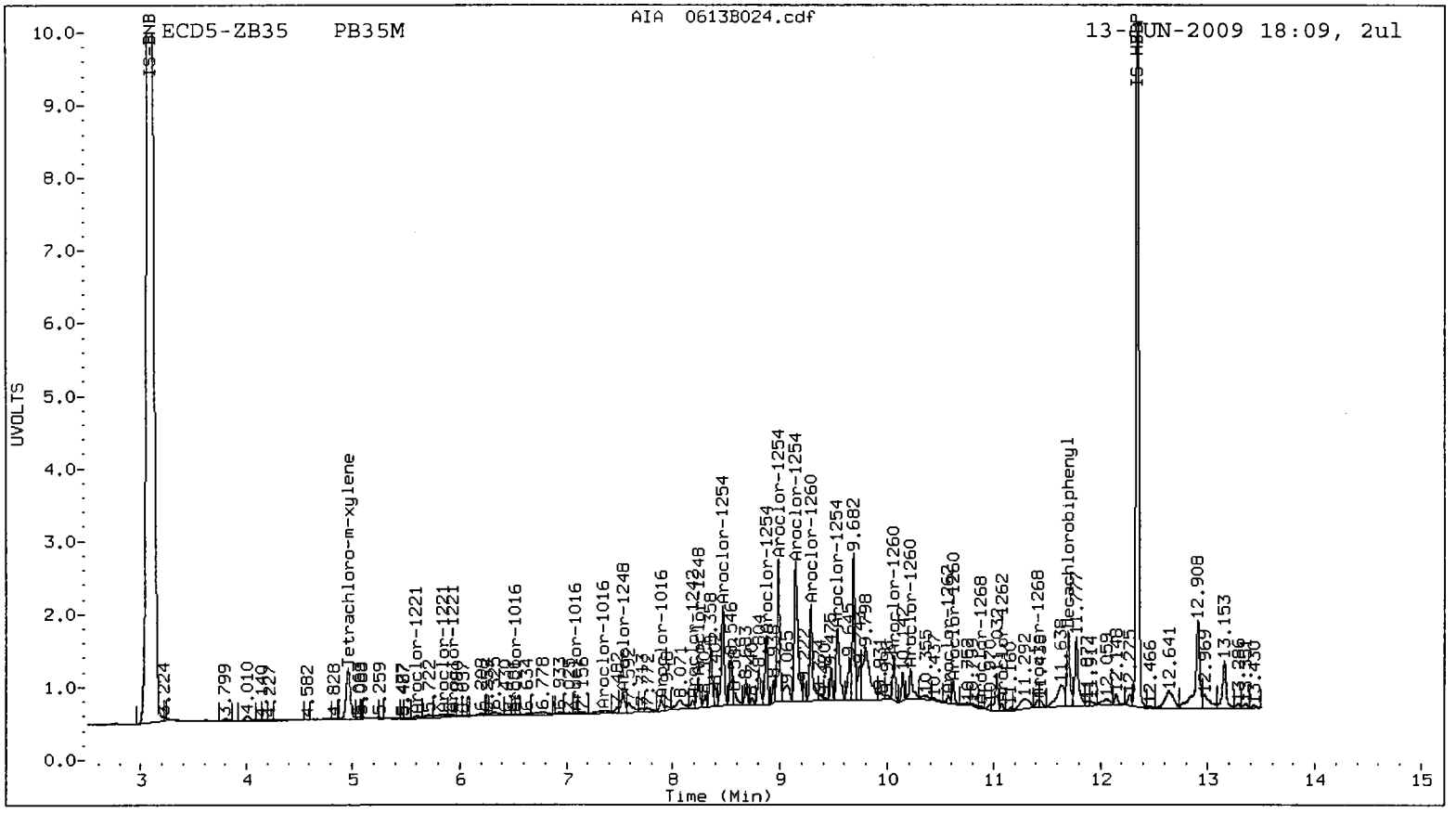
13-JUN-2009 18:09, 2ul
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Aroclor-1254
Aroclor-1260
Decachlorobiphenyl
IS-HBB
UVOLTS
Time (Min)


ECD5-ZB35 PB35M
AIA 0613B024.cdf
13-JUN-2009 18:09, 2ul
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1221
Aroclor-1248
Aroclor-1254
Aroclor-1260
Decachlorobiphenyl
IS-HBB
UVOLTS
Time (Min)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED12-A
SAMPLE

Lab Sample ID: PB35O
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 18:26
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 16.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 50.0
Silica Gel: Yes

Percent Moisture: 34.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	60	< 60 U
53469-21-9	Aroclor 1242	60	< 60 U
12672-29-6	Aroclor 1248	60	< 60 U
11097-69-1	**Aroclor 1254**	**60**	**990**
11096-82-5	**Aroclor 1260**	**60**	**390 P**
11104-28-2	Aroclor 1221	60	< 60 U
11141-16-5	Aroclor 1232	60	< 60 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	D
Tetrachlorometaxylene	D

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B025.d
Data file 2: 20090606.B/0613-2.b/0613B025.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB350
Client ID:
Injection Date: 13-JUN-2009 18:26
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 50.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.003	200372	4.964	-0.002	287860	0.5	0.7	24.4	Tetrachloro-m-xylene
11.058	-0.002	257863	11.703	0.000	384654	0.9	1.2	27.5	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	64.8	82.8
Decachlorobiphenyl	114.8	151

D D AR

06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29537487	-1.7
Hexabromobiphenyl	12924817	10243108	-20.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33612344	1.0
Hexabromobiphenyl	11348053	11003049	-3.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

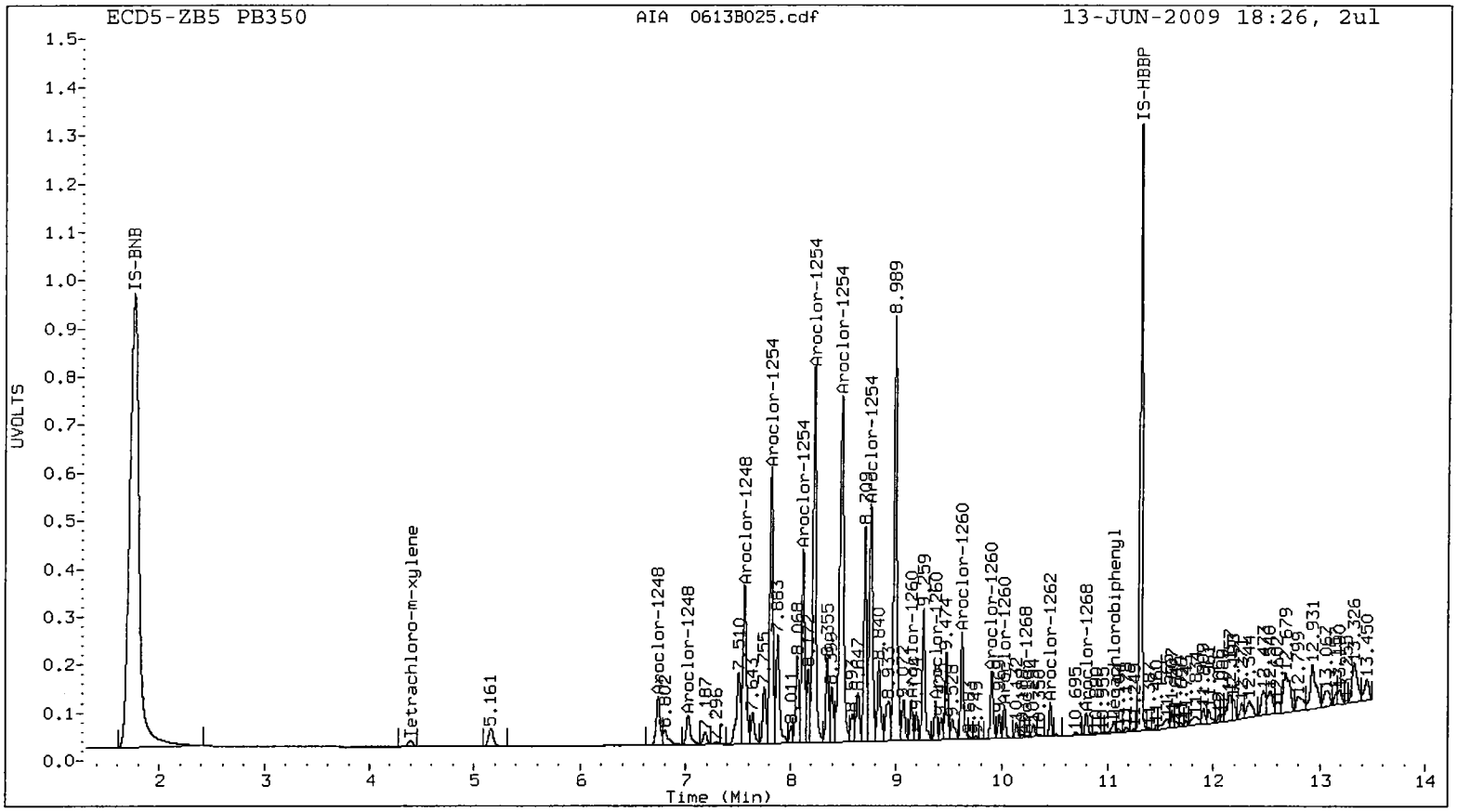
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.536	0.008	30511	2.0
Aroclor-1016	2	---			0.0	2	7.095	-0.013	172041	5.4
Aroclor-1016	3	---			0.0	3	7.364	0.059	244833	19.6
Aroclor-1016	4	---			0.0	4	7.893	0.000	727864	76.4
		Col1Ave: <3 Quant Peaks					Col2Ave:		25.8	
Aroclor-1221	1	---			0.0	1	5.616	0.050	37638	1.9
Aroclor-1221	2	---			0.0	2	5.843	0.051	908902	78.0
Aroclor-1221	3	---			0.0	3	5.908	0.012	21145	0.5
Aroclor-1221	NS	---			----	4	7.364	0.053	244833	40.2
		Col1Ave: <3 Quant Peaks					Col2Ave:		30.2	
Aroclor-1232	1	---			0.0	1	5.908	0.013	21145	1.7
Aroclor-1232	2	---			0.0	2	6.536	0.001	30511	2.7
Aroclor-1232	3	---			0.0	3	7.095	-0.019	172041	7.8
Aroclor-1232	4	---			0.0	4	7.364	0.054	244833	28.1
		Col1Ave: <3 Quant Peaks					Col2Ave:		10.1	
Aroclor-1242	1	---			0.0	1	6.536	0.005	30511	2.1
Aroclor-1242	2	---			0.0	2	7.095	-0.015	172041	5.8
Aroclor-1242	3	---			0.0	3	7.364	0.058	244833	21.5
Aroclor-1242	4	---			0.0	4	8.186	0.001	396711	76.4
		Col1Ave: <3 Quant Peaks					Col2Ave:		26.4	
Aroclor-1248	1	---			0.0	1	7.095	-0.011	172041	9.2
Aroclor-1248	2	6.734	-0.004	1278647	114.4	2	7.531	-0.001	1452481	134.7
Aroclor-1248	3	7.023	-0.001	871927	66.8	3	7.893	0.000	727864	51.7
Aroclor-1248	4	7.565	-0.002	3987923	190.8	4	8.239	0.000	1714479	93.8
		Total Col1Ave (3 peaks):			124.0		Total Col2Ave (4 peaks):		72.3	RPD = 53*
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		51.5	
Aroclor-1254	1	7.819	-0.002	6233994	270.1	1	8.469	0.000	5646460	290.9
Aroclor-1254	2	8.123	-0.002	4139841	278.3	2	8.870	0.000	3700535	290.3
Aroclor-1254	3	8.229	-0.002	8247749	292.4	3	8.981	0.001	8910392	348.7
Aroclor-1254	4	8.489	-0.002	9717231	328.2	4	9.141	0.001	11250639	379.8
Aroclor-1254	5	8.763	-0.001	5431632	304.6	5	9.532	0.000	6215997	357.7
		Total Col1Ave (5 peaks):			294.7		Total Col2Ave (5 peaks):		333.5	RPD = 12
		Corrected Ave (4 peaks):			286.3		Corrected Ave (4 peaks):		321.9	RPD = 12
Aroclor-1260	1	9.145	-0.001	770508	70.1	1	9.287	0.000	5700498	275.8
Aroclor-1260	2	9.372	-0.001	692258	66.3	2	10.062	0.007	2770240	206.7
Aroclor-1260	3	9.618	-0.001	1971211	74.3	3	10.216	0.002	3100402	90.0
Aroclor-1260	4	9.897	-0.001	1293494	94.0	4	10.615	0.000	1899689	92.9
Aroclor-1260	5	10.019	-0.001	586584	87.4	NS	---			----
		Total Col1Ave (5 peaks):			78.4		Total Col2Ave (4 peaks):		166.3	RPD = 72*
		Corrected Ave (4 peaks):			74.5		Corrected Ave (3 peaks):		129.9	RPD = 54*
Aroclor-1262	1	9.372	-0.001	692258	31.4	1	10.062	0.003	2770240	99.5
Aroclor-1262	2	9.618	-0.001	1971211	37.8	2	10.216	-0.002	3100402	46.5
Aroclor-1262	3	10.019	-0.003	586584	26.3	3	10.571	-0.001	670533	24.1
Aroclor-1262	4	---			0.0	4	10.615	-0.004	1899689	46.8
Aroclor-1262	5	10.455	-0.002	523810	27.4	5	11.080	-0.004	688396	30.7
		Total Col1Ave (4 peaks):			30.7		Total Col2Ave (5 peaks):		49.5	RPD = 47*
		Corrected Ave (3 peaks):			28.4		Corrected Ave (4 peaks):		37.0	RPD = 26
Aroclor-1268	1	10.019	-0.003	586584	13.6	1	10.571	-0.001	670533	13.1
Aroclor-1268	2	---			0.0	2	10.615	-0.004	1899689	40.5
Aroclor-1268	3	10.230	-0.002	34660	1.1	3	10.883	-0.005	50508	1.4
Aroclor-1268	4	10.795	-0.007	441369	4.7	4	11.412	-0.004	252524	2.4
		Total Col1Ave (3 peaks):			6.4		Total Col2Ave (4 peaks):		14.4	RPD = 76*
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		5.6	

Total PCB Area Col1 (4.498 - 10.960) = 86425300 Col1 Total PCB = 0.4 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 93695093 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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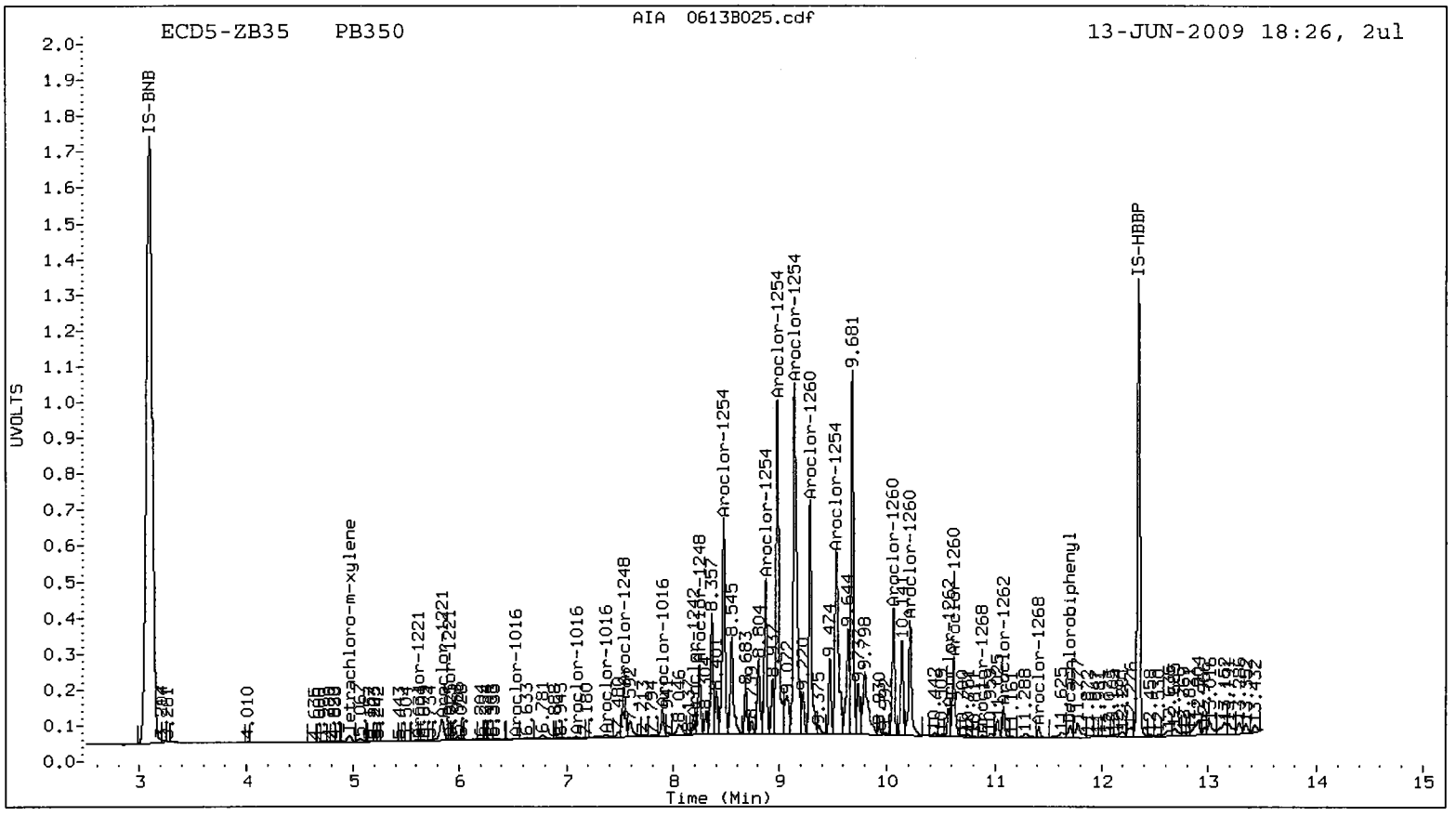
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
IS-HBBP
Aroclor-1248
Aroclor-1254
Aroclor-1260
Decachlorobiphenyl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Tetrachloro-m-xylene
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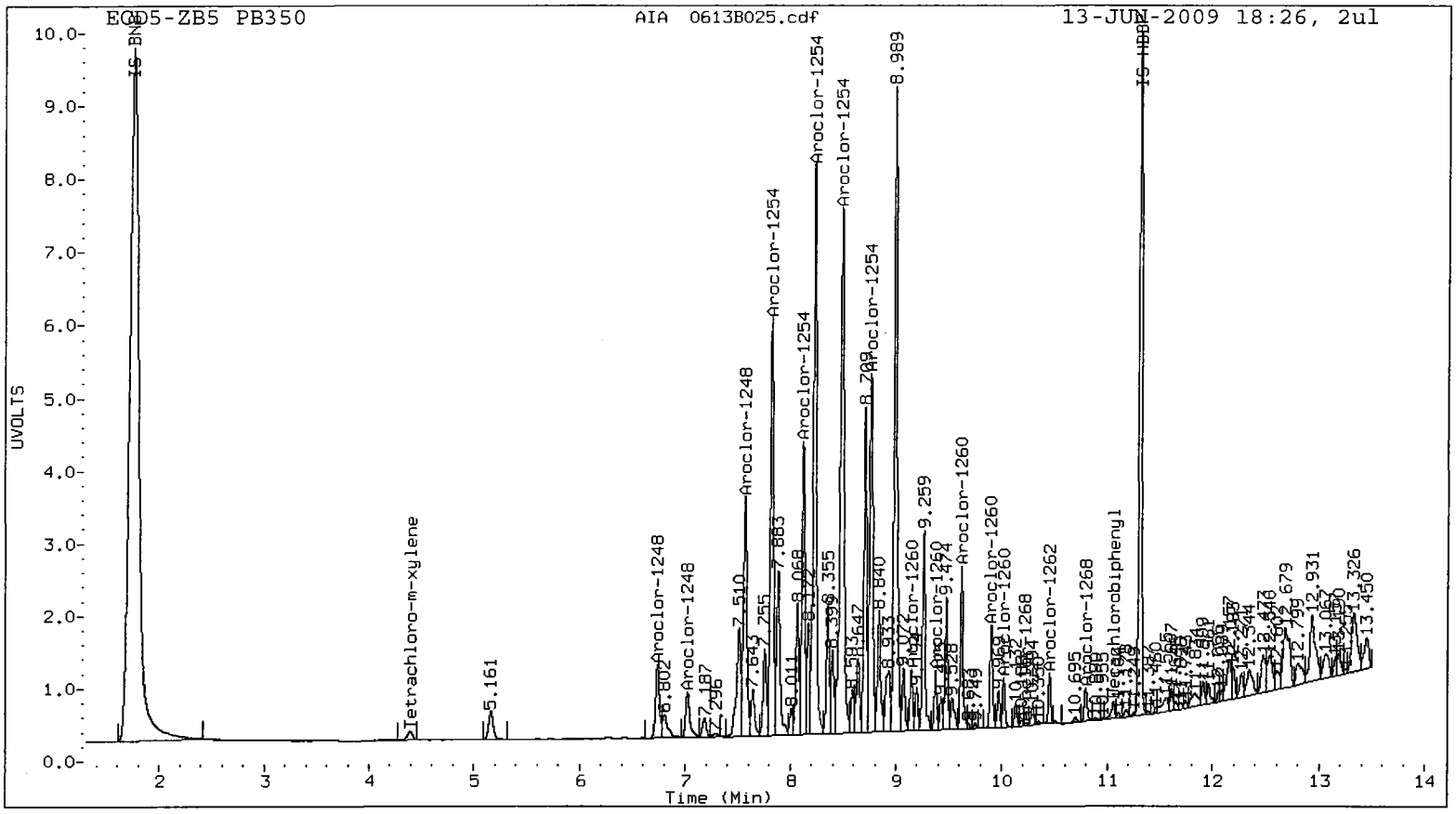
Aroclor-1016
Aroclor-1221
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl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Tetrachloro-m-xylene
5.161
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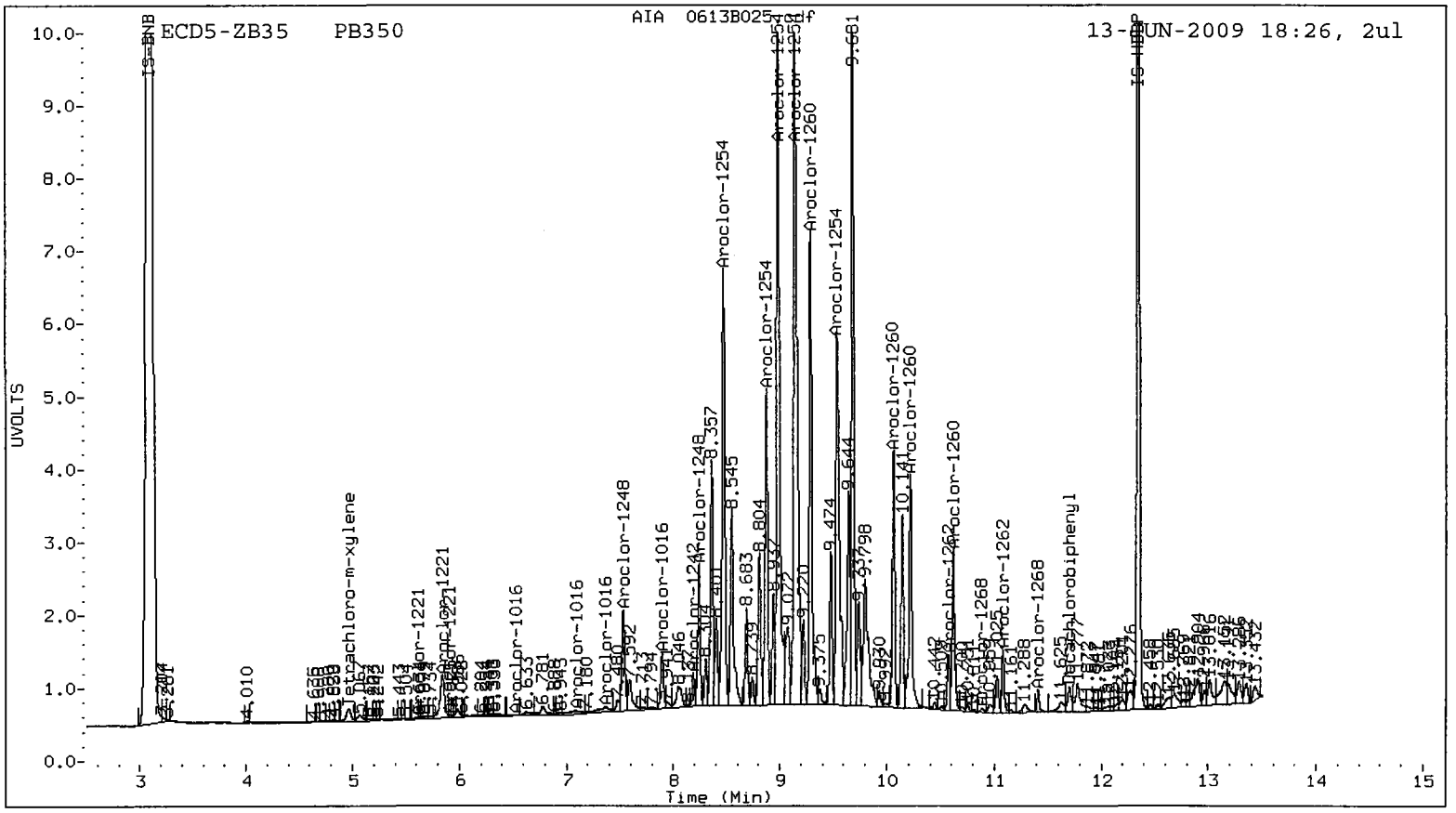
Aroclor-1254
Aroclor-1260
IS-HBB
Dichlorobiphenyl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Time (Min)
IS-BNB
Tetrachloro-m-xylene
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Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
IS-HBB
Dichlorobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED12-B
SAMPLE

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 18:43
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 7.47 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: Yes

Percent Moisture: 40.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	27	< 27 U
53469-21-9	Aroclor 1242	27	< 27 U
12672-29-6	Aroclor 1248	27	< 27 U
11097-69-1	**Aroclor 1254**	**27**	**49**
11096-82-5	Aroclor 1260	27	< 27 U
11104-28-2	Aroclor 1221	27	< 27 U
11141-16-5	Aroclor 1232	27	< 27 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	82.5%
Tetrachlorometaxylene	70.5%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B026.d
Data file 2: 20090606.B/0613-2.b/0613B026.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35Q
Client ID:
Injection Date: 13-JUN-2009 18:43
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 10.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.397	-0.001	907172	4.966	0.000	1122899	2.6	2.8	8.6	Tetrachloro-m-xylene
11.059	-0.001	844584	11.702	-0.001	622902	3.3	2.1	42.8*	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	64.7	70.6
Decachlorobiphenyl	82.4	53.4

JK 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	26762375	-10.9
Hexabromobiphenyl	12924817	9345766	-27.7

✓

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	30780140	-7.5
Hexabromobiphenyl	11348053	10113507	-10.9

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

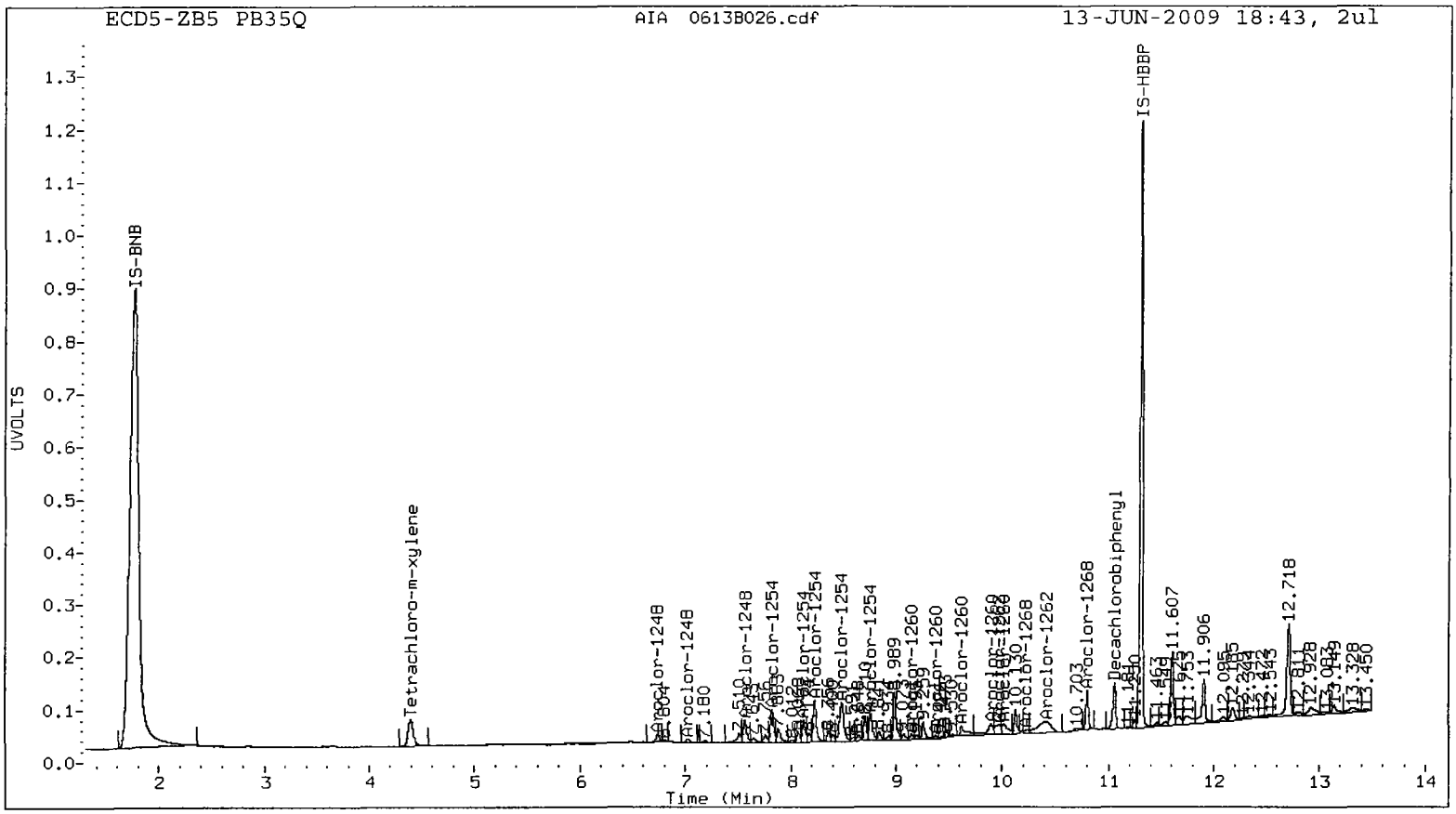
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount	
Aroclor-1016	1	---			0.0	1	6.528	0.000	28247	2.0	
Aroclor-1016	2	---			0.0	2	7.070	-0.037	58307	2.0	
Aroclor-1016	3	---			0.0	3	7.361	0.057	111305	9.7	
Aroclor-1016	4	---			0.0	4	7.893	0.001	99020	11.3	
		Col1Ave: <3 Quant Peaks					Col2Ave:		6.3		
Aroclor-1221	1	---			0.0	1	5.609	0.043	55162	3.1	
Aroclor-1221	2	---			0.0	2	5.841	0.049	62740	5.9	
Aroclor-1221	3	---			0.0	3	5.927	0.031	32759	0.9	
Aroclor-1221	NS	---			----	4	7.361	0.051	111305	20.0	
		Col1Ave: <3 Quant Peaks					Col2Ave:		7.5		
Aroclor-1232	1	---			0.0	1	5.927	0.031	32759	2.9	
Aroclor-1232	2	---			0.0	2	6.528	-0.007	28247	2.7	
Aroclor-1232	3	---			0.0	3	7.154	0.040	71474	3.5	
Aroclor-1232	4	---			0.0	4	7.361	0.051	111305	14.0	
		Col1Ave: <3 Quant Peaks					Col2Ave:		5.8		
Aroclor-1242	1	---			0.0	1	6.528	-0.003	28247	2.1	
Aroclor-1242	2	---			0.0	2	7.070	-0.040	58307	2.1	
Aroclor-1242	3	---			0.0	3	7.361	0.055	111305	10.7	
Aroclor-1242	4	---			0.0	4	8.185	0.000	81525	17.2	
		Col1Ave: <3 Quant Peaks					Col2Ave:		8.0		
Aroclor-1248	1	---			0.0	1	7.070	-0.036	58307	3.4	
Aroclor-1248	2	6.738	0.000	162712	16.1	2	7.531	-0.001	377180	38.2	
Aroclor-1248	3	7.025	0.002	109458	9.3	3	7.893	0.001	99020	7.7	
Aroclor-1248	4	7.567	-0.001	524983	27.7	4	8.239	0.001	255669	15.3	
		Total Col1Ave (3 peaks):		17.7			Total Col2Ave (4 peaks):		16.1		RPD = 9
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		8.8		
Aroclor-1254	1	7.820	-0.001	715815	34.2	1	8.469	0.000	521387	29.3	
Aroclor-1254	2	8.123	-0.001	464303	34.4	2	8.870	0.000	349823	30.0	
Aroclor-1254	3	8.230	0.000	903311	35.3	3	8.981	0.001	670886	28.7	
Aroclor-1254	4	8.489	-0.002	1099281	41.0	4	9.141	0.001	1073396	39.6	
Aroclor-1254	5	8.764	-0.001	592761	36.7	5	9.533	0.000	541644	34.0	
		Total Col1Ave (5 peaks):		36.3			Total Col2Ave (5 peaks):		32.3		RPD = 12
		Corrected Ave (4 peaks):		35.2			Corrected Ave (4 peaks):		30.5		RPD = 14
Aroclor-1260	1	9.146	-0.001	114466	11.4	1	9.287	0.000	661385	34.8	
Aroclor-1260	2	9.372	-0.001	55761	5.9	2	10.061	0.006	237301	19.3	
Aroclor-1260	3	9.618	-0.001	314273	13.0	3	10.217	0.002	364819	11.5	
Aroclor-1260	4	9.899	0.001	433058	34.5	4	10.613	-0.002	102332	5.4	
Aroclor-1260	5	10.018	-0.002	378380	61.8	NS	---			----	
		Total Col1Ave (5 peaks):		25.3			Total Col2Ave (4 peaks):		17.8		RPD = 35
		Corrected Ave (4 peaks):		16.2			Corrected Ave (3 peaks):		12.1		RPD = 29
Aroclor-1262	1	9.372	-0.001	55761	2.8	1	10.061	0.003	237301	9.3	
Aroclor-1262	2	9.618	-0.001	314273	6.6	2	10.217	-0.002	364819	6.0	
Aroclor-1262	3	9.969	-0.053	350085	17.2	3	10.563	-0.008	88888	3.5	
Aroclor-1262	4	10.018	9.018	378380	17.6	4	10.613	-0.005	102332	2.7	
Aroclor-1262	5	10.415	-0.042	977045	56.0	5	11.030	-0.053	714510	34.6	
		Total Col1Ave (5 peaks):		20.0			Total Col2Ave (5 peaks):		11.2		RPD = 56*
		Corrected Ave (4 peaks):		11.0			Corrected Ave (4 peaks):		5.4		RPD = 69*
Aroclor-1268	1	9.969	-0.053	350085	8.9	1	10.563	-0.009	88888	1.9	
Aroclor-1268	2	10.018	9.018	378380	10.1	2	10.613	-0.005	102332	2.4	
Aroclor-1268	3	10.230	-0.002	93827	3.1	3	10.799	-0.089	158033	4.7	
Aroclor-1268	4	10.801	-0.001	617790	7.2	4	11.438	0.022	257293	2.6	
		Total Col1Ave (4 peaks):		7.4			Total Col2Ave (4 peaks):		2.9		RPD = 86*
		Corrected Ave (3 peaks):		6.4			Corrected Ave (3 peaks):		2.3		RPD = 94*

Total PCB Area Col1 (4.498 - 10.960) = 12700623 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 13526319 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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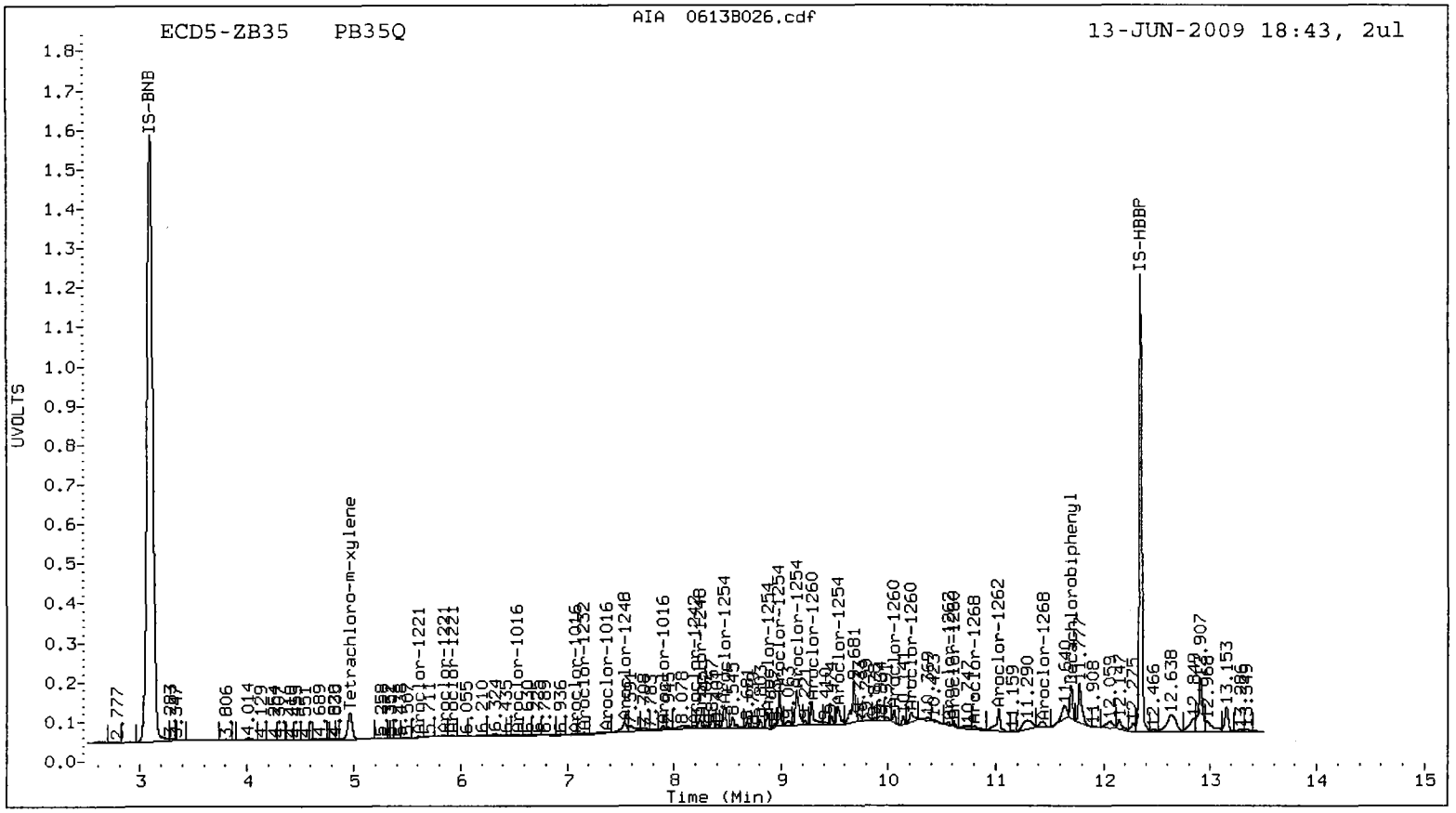
13-JUN-2009 18:43, 2ul
IS-BNB
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
UVOLTS
Time (Min)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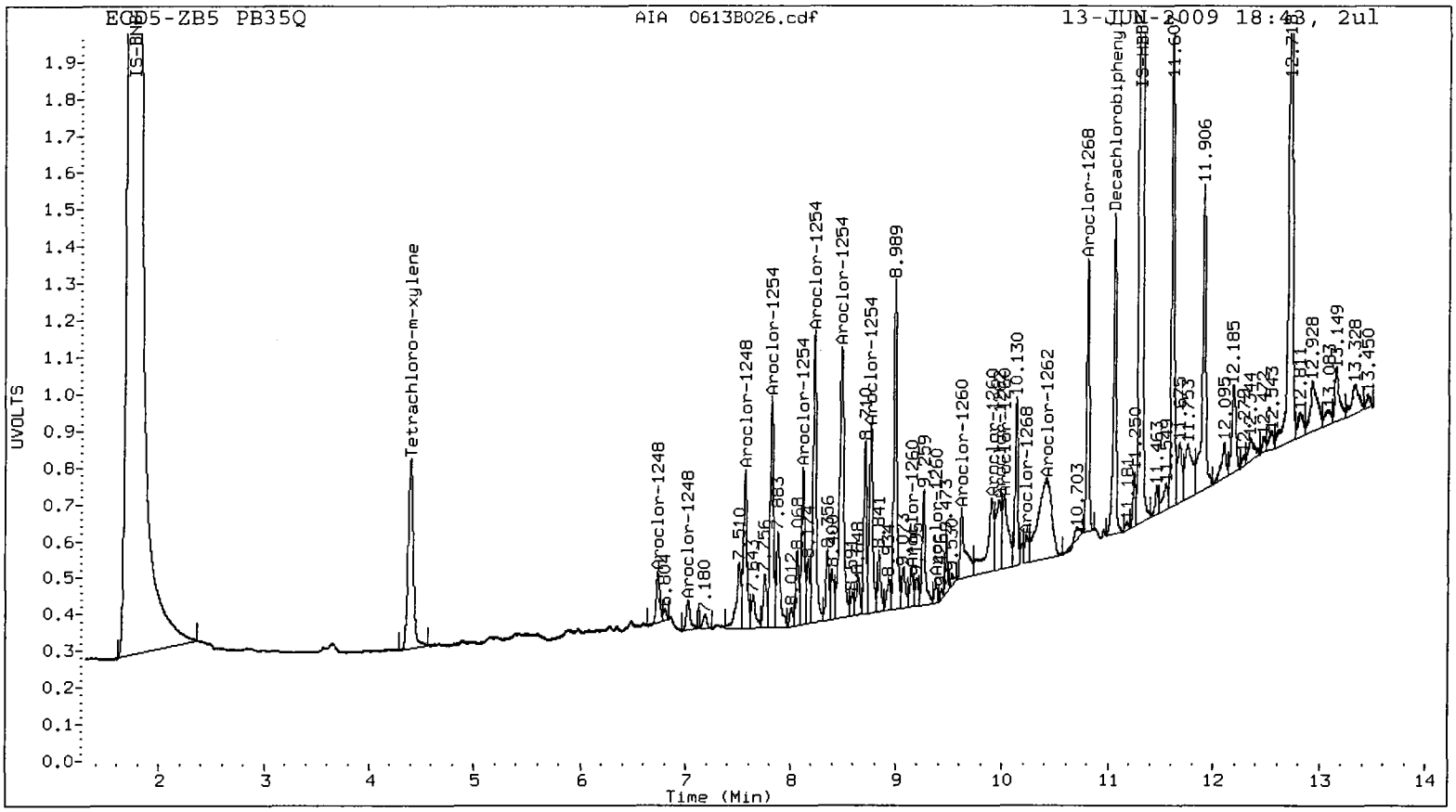
13-JUN-2009 18:43, 2ul
IS-BNB
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
UVOLTS
Time (Min)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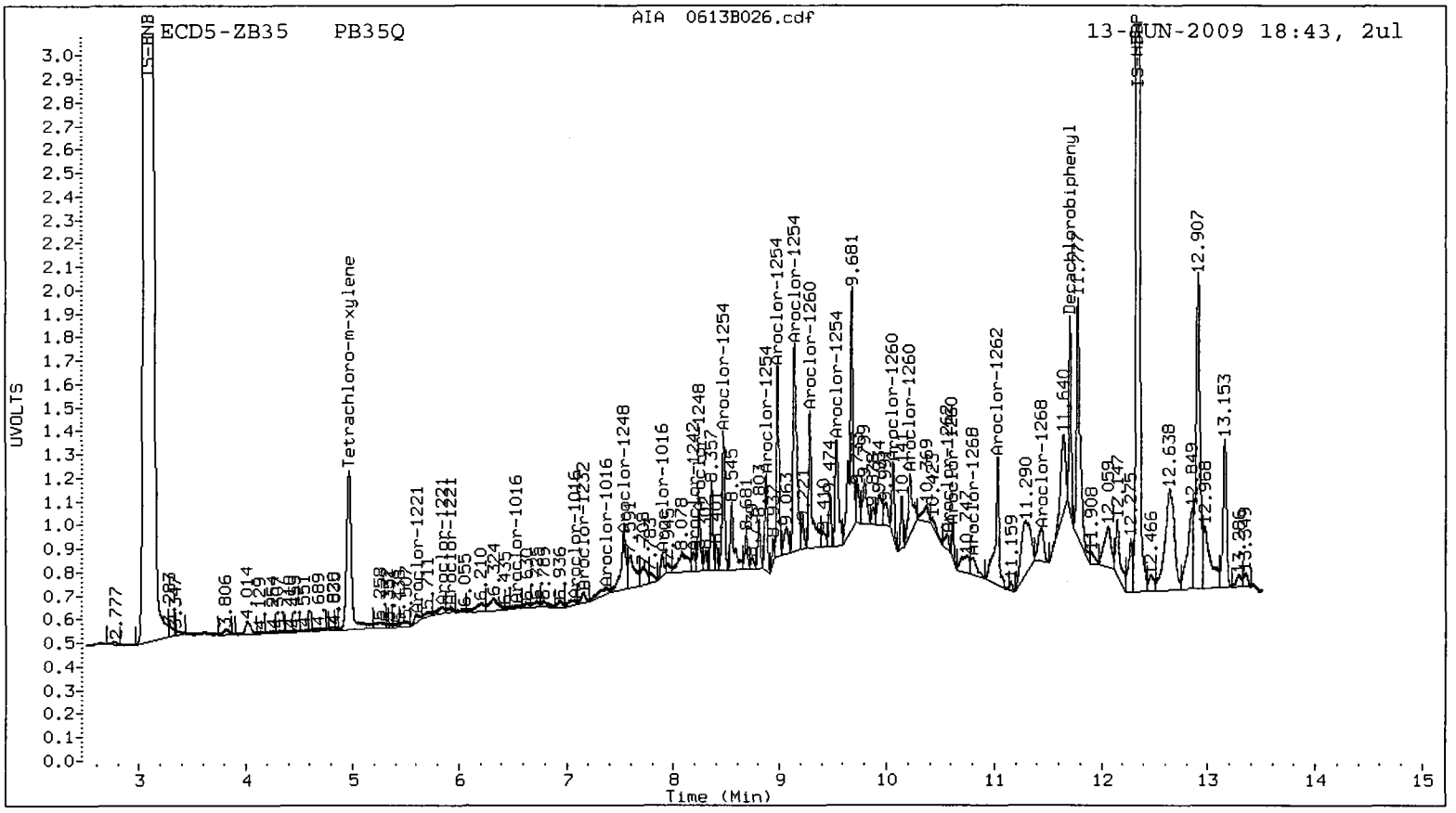
AIA 0613B026.cdf
13-JUN-2009 18:43, 2ul
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
UVOLTS
Time (Min)


ECD5-ZB35 PB35Q
AIA 0613B026.cdf
13-JUN-2009 18:43, 2ul
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
UVOLTS
Time (Min)

PCB Analysis
Standard Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

6F

8082 INITIAL CALIBRATION OF AROCLOR 1016/1260

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Instrument ID: ECD5

Calibration Date: 06/07/09

SURROGATES

	RT WIN	LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
TCX	4.30- 4.50	1.0923	1.0985	1.0712	1.0131	0.9610	1.0472	5.6
DCB	10.96-11.16	2.9032	2.1982	2.0692	1.9381	1.8581	2.1934	19.0

Aroclor-1016 Peak	RT WIN	LVL1 .02	LVL2 0.1	LVL3 .25	LVL4 0.5	LVL5 1.0	MEAN	%RSD
1	5.80- 6.00	0.0268	0.0258	0.0237	0.0232	0.0215	0.0242	8.7
2	6.18- 6.38	0.0873	0.0817	0.0777	0.0736	0.0692	0.0779	9.0
3	6.32- 6.52	0.0377	0.0356	0.0331	0.0310	0.0288	0.0333	10.7
4	6.43- 6.63	0.0203	0.0231	0.0219	0.0213	0.0200	0.0213	5.9

AROCLOR AVERAGE %RSD = 8.6

Aroclor-1260 Peak	RT WIN	LVL1 .02	LVL2 0.1	LVL3 .25	LVL4 0.5	LVL5 1.0	MEAN	%RSD
1	9.05- 9.25	0.0949	0.0890	0.0871	0.0811	0.0774	0.0859	8.0
2	9.27- 9.47	0.0871	0.0847	0.0832	0.0779	0.0745	0.0815	6.3
3	9.52- 9.72	0.2246	0.2137	0.2164	0.1978	0.1831	0.2071	8.0
4	9.80-10.00	0.1163	0.1108	0.1086	0.1025	0.0988	0.1074	6.4
5	9.92-10.12	0.0522	0.0541	0.0544	0.0516	0.0498	0.0524	3.6

AROCLOR AVERAGE %RSD = 6.5

8082 INITIAL CALIBRATION OF AROCLOR 1016/1260

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Instrument ID: ECD5

Calibration Date: 06/07/09

SURROGATES

	RT WIN	LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
TCX	4.86- 5.06	1.1742	1.0253	1.0206	0.9813	0.9692	1.0341	7.9
DCB	11.60-11.80	3.1032	2.2641	2.1363	2.0352	2.0057	2.3089	19.7

Aroclor-1016 Peak	RT WIN	LVL1 .02	LVL2 0.1	LVL3 .25	LVL4 0.5	LVL5 1.0	MEAN	%RSD
1	6.43- 6.63	0.0400	0.0382	0.0364	0.0342	0.0335	0.0364	7.4
2	7.01- 7.21	0.0896	0.0777	0.0741	0.0703	0.0693	0.0762	10.8
3	7.20- 7.40	0.0367	0.0311	0.0281	0.0265	0.0262	0.0297	14.7
4	7.79- 7.99	0.0253	0.0239	0.0220	0.0212	0.0210	0.0227	8.2

AROCLOR AVERAGE %RSD = 10.3

Aroclor-1260 Peak	RT WIN	LVL1 .02	LVL2 0.1	LVL3 .25	LVL4 0.5	LVL5 1.0	MEAN	%RSD
1	9.19- 9.39	0.1658	0.1539	0.1487	0.1421	0.1410	0.1503	6.7
2	9.95-10.15	0.1119	0.0979	0.0953	0.0912	0.0909	0.0974	8.8
3	10.11-10.31	0.2840	0.2462	0.2446	0.2374	0.2395	0.2503	7.6
4	10.51-10.71	0.1906	0.1418	0.1403	0.1357	0.1349	0.1487	15.9

AROCLOR AVERAGE %RSD = 9.8

6G

8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Instrument ID: ECD5

Calibration Date: 06/07/09

Aroclor-1221			
Peak	RT	RT WIN	Cal Factor
1	4.732	4.63- 4.83	0.04358
2	4.895	4.79- 4.99	0.02779
3	4.990	4.89- 5.09	0.10483

Aroclor-1232			
Peak	RT	RT WIN	Cal Factor
1	4.898	4.80- 5.00	0.03572
2	5.901	5.80- 6.00	0.01731
3	6.272	6.17- 6.37	0.05545
4	6.425	6.32- 6.52	0.02389

Aroclor-1242			
Peak	RT	RT WIN	Cal Factor
1	5.903	5.80- 6.00	0.02354
2	6.278	6.18- 6.38	0.07503
3	6.421	6.32- 6.52	0.03269
4	7.511	7.41- 7.61	0.02582

Aroclor-1248			
Peak	RT	RT WIN	Cal Factor
1	6.274	6.17- 6.37	0.04625
2	6.738	6.64- 6.84	0.03026
3	7.025	6.92- 7.12	0.03535
4	7.563	7.46- 7.66	0.05661

6G

8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Instrument ID: ECD5

Calibration Date: 06/07/09

Aroclor-1254			
Peak	RT	RT WIN	Cal Factor
1	7.821	7.72- 7.92	0.06251
2	8.125	8.02- 8.22	0.04029
3	8.231	8.13- 8.33	0.07640
4	8.490	8.39- 8.59	0.08020
5	8.765	8.67- 8.87	0.04829

Aroclor-1262			
Peak	RT	RT WIN	Cal Factor
1	9.374	9.27- 9.47	0.17211
2	9.619	9.52- 9.72	0.40779
3	10.021	9.92-10.12	0.17438
4	1.000	0.90- 1.10	0.18401
5	10.457	10.36-10.56	0.14926

Aroclor-1268			
Peak	RT	RT WIN	Cal Factor
1	10.021	9.92-10.12	0.33796
2	1.000	0.90- 1.10	0.31912
3	10.232	10.13-10.33	0.25541
4	10.803	10.70-10.90	0.73034

6G

8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Instrument ID: ECD5

Calibration Date: 06/07/09

Aroclor-1221			
Peak	RT	RT WIN	Cal Factor
1	5.566	5.47- 5.67	0.04655
2	5.791	5.69- 5.89	0.02772
3	5.896	5.80- 6.00	0.09163
4	7.310	7.21- 7.41	0.01450

Aroclor-1232			
Peak	RT	RT WIN	Cal Factor
1	5.896	5.80- 6.00	0.02983
2	6.535	6.44- 6.64	0.02731
3	7.114	7.01- 7.21	0.05262
4	7.310	7.21- 7.41	0.02073

Aroclor-1242			
Peak	RT	RT WIN	Cal Factor
1	6.529	6.43- 6.63	0.03464
2	7.111	7.01- 7.21	0.07113
3	7.308	7.21- 7.41	0.02714
4	8.186	8.09- 8.29	0.01235

Aroclor-1248			
Peak	RT	RT WIN	Cal Factor
1	7.100	7.00- 7.20	0.04461
2	7.529	7.43- 7.63	0.02567
3	7.890	7.79- 7.99	0.03350
4	8.238	8.14- 8.34	0.04353

6G
8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Instrument ID: ECD5

Calibration Date: 06/07/09

Aroclor-1254			
Peak	RT	RT WIN	Cal Factor
1	8.469	8.37- 8.57	0.04620
2	8.870	8.77- 8.97	0.03034
3	8.981	8.88- 9.08	0.06082
4	9.141	9.04- 9.24	0.07050
5	9.532	9.43- 9.63	0.04136

Aroclor-1262			
Peak	RT	RT WIN	Cal Factor
1	10.058	9.96-10.16	0.20250
2	10.218	10.12-10.32	0.48427
3	10.571	10.47-10.67	0.20269
4	10.619	10.52-10.72	0.29500
5	11.083	10.98-11.18	0.16325

Aroclor-1268			
Peak	RT	RT WIN	Cal Factor
1	10.572	10.47-10.67	0.37153
2	10.618	10.52-10.72	0.34063
3	10.888	10.79-10.99	0.26386
4	11.416	11.32-11.52	0.77014

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB1.m
Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Calibration File Names:
Level 1: /chem2/ecd5.i/20090606.B/ical-1.b/0606B068.d
Level 2: /chem2/ecd5.i/20090606.B/ical-1.b/0606B070.d
Level 3: /chem2/ecd5.i/20090606.B/ical-1.b/0606B067.d
Level 4: /chem2/ecd5.i/20090606.B/ical-1.b/0606B071.d
Level 5: /chem2/ecd5.i/20090606.B/ical-1.b/0606B069.d
Level 6: /chem2/ecd5.i/20090606.B/ddts-1.b/0606B078.d
Level 7: /chem2/ecd5.i/20090606.B/ical-1.b/0606B077.d

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	RRF	% RSD
2 Aroclor-1221(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.04358	0.04358	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.02779	0.02779	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.10483	0.10483	0.000
3 Aroclor-1242(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.02354	0.02354	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.07503	0.07503	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.03269	0.03269	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB1.m
Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	___ RRF	% RSD
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.02582	0.02582	0.000
4 Aroclor-1232(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.03572	0.03572	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.01731	0.01731	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.05545	0.05545	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.02389	0.02389	0.000
7 Aroclor-1016(1)	0.02677	0.02583	0.02371	0.02318	0.02150	+++++	+++++	0.02420	8.729
(2)	0.08733	0.08168	0.07767	0.07358	0.06923	+++++	+++++	0.07790	9.011
(3)	0.03775	0.03561	0.03314	0.03104	0.02882	+++++	+++++	0.03327	10.666
(4)	0.02034	0.02306	0.02192	0.02127	0.01995	+++++	+++++	0.02131	5.863

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB1.m
Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	RRF	% RSD
6 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.04625	0.04625	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.03026	0.03026	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.03535	0.03535	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.05661	0.05661	0.000
8 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.06251	0.06251	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.04029	0.04029	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.07640	0.07640	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.08020	0.08020	0.000
(5)	+++++	+++++	+++++	+++++	+++++	+++++	0.04829	0.04829	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB1.m
Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	RRF	% RSD
9 Aroclor-1260(1)	0.09495	0.08896	0.08714	0.08107	0.07736	+++++	+++++	0.08590	8.001
(2)	0.08708	0.08474	0.08317	0.07794	0.07450	+++++	+++++	0.08149	6.320
(3)	0.22464	0.21368	0.21640	0.19783	0.18308	+++++	+++++	0.20713	8.008
(4)	0.11635	0.11082	0.10857	0.10255	0.09884	+++++	+++++	0.10742	6.414
(5)	0.05216	0.05408	0.05438	0.05165	0.04981	+++++	+++++	0.05241	3.577
10 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.17211	0.17211	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.40779	0.40779	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.17438	0.17438	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.18401	0.18401	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB1.m
Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	___ RRF	% RSD
(5)	+++++	+++++	+++++	+++++	+++++	+++++	0.14926	0.14926	0.000
11 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.33796	0.33796	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.31912	0.31912	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.25541	0.25541	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.73034	0.73034	0.000
42 2,4-DDE	+++++	+++++	+++++	+++++	+++++	648	+++++	648	0.000
43 2,4-DDD	+++++	+++++	+++++	+++++	+++++	602	+++++	602	0.000
44 2,4-DDT	+++++	+++++	+++++	+++++	+++++	723	+++++	723	0.000
46 4,4-DDE	+++++	+++++	+++++	+++++	+++++	933	+++++	933	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB1.m
Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Compound	20.000 Level 1 / 250.000 Level 7	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	___ RRF	% RSD
47 4,4-DDD	+++++	+++++	+++++	+++++	+++++	742		
	+++++						742	0.000
48 4,4-DDT	+++++	+++++	+++++	+++++	+++++	801		
	+++++						801	0.000
$ 1 Tetrachloro-m-xylene	1.09231	1.09849	1.07124	1.01315	0.96103	+++++		
	+++++						1.04724	5.614
$ 13 Decachlorobiphenyl	2.90317	2.19816	2.06924	1.93812	1.85809	+++++		
	+++++						2.19335	19.029

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB2.m
Cal Date : 08-Jun-2009 06:38 jrains
Curve Type : Average

Calibration File Names:
Level 1: /chem2/ecd5.i/20090606.B/ical-2.b/0606B068.d
Level 2: /chem2/ecd5.i/20090606.B/ical-2.b/0606B070.d
Level 3: /chem2/ecd5.i/20090606.B/ical-2.b/0606B067.d
Level 4: /chem2/ecd5.i/20090606.B/ical-2.b/0606B071.d
Level 5: /chem2/ecd5.i/20090606.B/ical-2.b/0606B069.d
Level 6: /chem2/ecd5.i/20090606.B/ddts-2.b/0606B078.d
Level 7: /chem2/ecd5.i/20090606.B/ical-2.b/0606B077.d

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	RRF	% RSD
1 Aroclor-1221(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.04655	0.04655	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.02772	0.02772	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.09163	0.09163	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.01450	0.01450	0.000
4 Aroclor-1232(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.02983	0.02983	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.02731	0.02731	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB2.m
Cal Date : 08-Jun-2009 06:38 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	RRF	% RSD
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.05262	0.05262	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.02073	0.02073	0.000
3 Aroclor-1242(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.03464	0.03464	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.07113	0.07113	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.02714	0.02714	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.01235	0.01235	0.000
6 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.04461	0.04461	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.02567	0.02567	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.03350	0.03350	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB2.m
Cal Date : 08-Jun-2009 06:38 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	RRF	% RSD
	250.000 Level 7							
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.04353						0.04353	0.000
7 Aroclor-1016(1)	0.03998	0.03819	0.03636	0.03417	0.03355	+++++		
	+++++						0.03645	7.407
(2)	0.08964	0.07766	0.07408	0.07029	0.06930	+++++		
	+++++						0.07620	10.781
(3)	0.03670	0.03114	0.02812	0.02647	0.02622	+++++		
	+++++						0.02973	14.667
(4)	0.02531	0.02388	0.02202	0.02122	0.02101	+++++		
	+++++						0.02269	8.162
8 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.04620						0.04620	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.03034						0.03034	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.06082						0.06082	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.07050						0.07050	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB2.m
Cal Date : 08-Jun-2009 06:38 jrains
Curve Type : Average

Compound	20.000 Level 1 / 250.000 Level 7	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	RRF	% RSD
(5)	+++++ / 0.04136	+++++	+++++	+++++	+++++	+++++	0.04136	0.000
10 Aroclor-1262(1)	+++++ / 0.20250	+++++	+++++	+++++	+++++	+++++	0.20250	0.000
(2)	+++++ / 0.48427	+++++	+++++	+++++	+++++	+++++	0.48427	0.000
(3)	+++++ / 0.20269	+++++	+++++	+++++	+++++	+++++	0.20269	0.000
(4)	+++++ / 0.29500	+++++	+++++	+++++	+++++	+++++	0.29500	0.000
(5)	+++++ / 0.16325	+++++	+++++	+++++	+++++	+++++	0.16325	0.000
9 Aroclor-1260(1)	0.16581 / +++++	0.15390	0.14866	0.14211	0.14104	+++++	0.15030	6.730
(2)	0.11194 / +++++	0.09787	0.09534	0.09117	0.09090	+++++	0.09744	8.842
(3)	0.28398 / +++++	0.24617	0.24464	0.23741	0.23952	+++++	0.25034	7.647

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB2.m
Cal Date : 08-Jun-2009 06:38 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	___ RRF	% RSD
(4)	0.19065	0.14177	0.14035	0.13574	0.13491	+++++	+++++	0.14868	15.901
11 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.37153	0.37153	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.34063	0.34063	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.26386	0.26386	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.77014	0.77014	0.000
41 2,4-DDE	+++++	+++++	+++++	+++++	+++++	587	+++++	587	0.000
42 2,4-DDD	+++++	+++++	+++++	+++++	+++++	832	+++++	832	0.000
44 4,4-DDE	+++++	+++++	+++++	+++++	+++++	484	+++++	484	0.000
45 4,4-DDD/2,4-DDT	+++++	+++++	+++++	+++++	+++++	622	+++++	622	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB2.m
Cal Date : 08-Jun-2009 06:38 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	___ RRF	% RSD
46 4,4-DDT	+++++	+++++	+++++	+++++	+++++	689	689		0.000
$ 2 Tetrachloro-m-xylene	1.17415	1.02527	1.02059	0.98128	0.96924	+++++	+++++	1.03411	7.926
$ 13 Decachlorobiphenyl	3.10316	2.26410	2.13628	2.03518	2.00568	+++++	+++++	2.30888	19.723

Analytical Resources Inc.
8082 DDT SCREEN REPORT

Data file 1: 20090606.B/ddts-1.b/0606B078.d ARI ID: 0.1 PPM DDTS

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
7.790	0.000	24461466	8.546	0.000	24861903	0.100	0.100	0.0	2,4-DDE
8.226	0.000	22720657	8.810	0.000	35268162	0.100	0.100	0.0	2,4-DDD
8.610	0.000	27309743	3.102	0.002	33904254	0.100	----	---	2,4-DDT
8.125	0.000	35244215	9.040	0.000	20494995	0.100	0.100	0.0	4,4-DDE
8.560	0.000	28008067	9.356	0.000	52734869	0.100	0.200	---	4,4-DDD
8.936	0.000	30263552	9.661	0.000	29188643	0.100	0.100	0.0	4,4-DDT

7E

8082 DDT BREAKDOWN VERIFICATION SUMMARY

Lab ID: DDT BD

Analysis Date: 07-JUN-2009 12:05 Init. Calib. Date: 07-JUN-2009

GC Column: ZB5 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4-DDE	8.130	265317
4,4-DDD	8.572	613259
4,4-DDT	8.936	30638873

Col 1: 4,4-DDT Percent Breakdown = 2.8 %

GC Column: ZB35 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4-DDE	9.042	92209
4,4-DDD/2,4-DDT	9.355	592048
4,4-DDT	9.661	29398976

Col 2: 4,4-DDT Percent Breakdown = 2.3 %

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B066.d
Data file 2: 20090606.B/ical-2.b/0606B066.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: IB
Client ID:
Injection Date: 07-JUN-2009 08:22
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	-0.001	15337565	4.966	-0.001	17232867	39.2	40.2	2.4	Tetrachloro-m-xylene
11.060	-0.001	13041695	11.708	0.000	11807505	36.9	36.3	1.6	Decachlorobiphenyl

* Indicates RPD > 40%
4 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	98.0	100.4
Decachlorobiphenyl	92.2	90.7

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29887365	-0.5
Hexabromobiphenyl	12924817	12901852	-0.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33185708	-0.3
Hexabromobiphenyl	11348053	11275214	-0.6

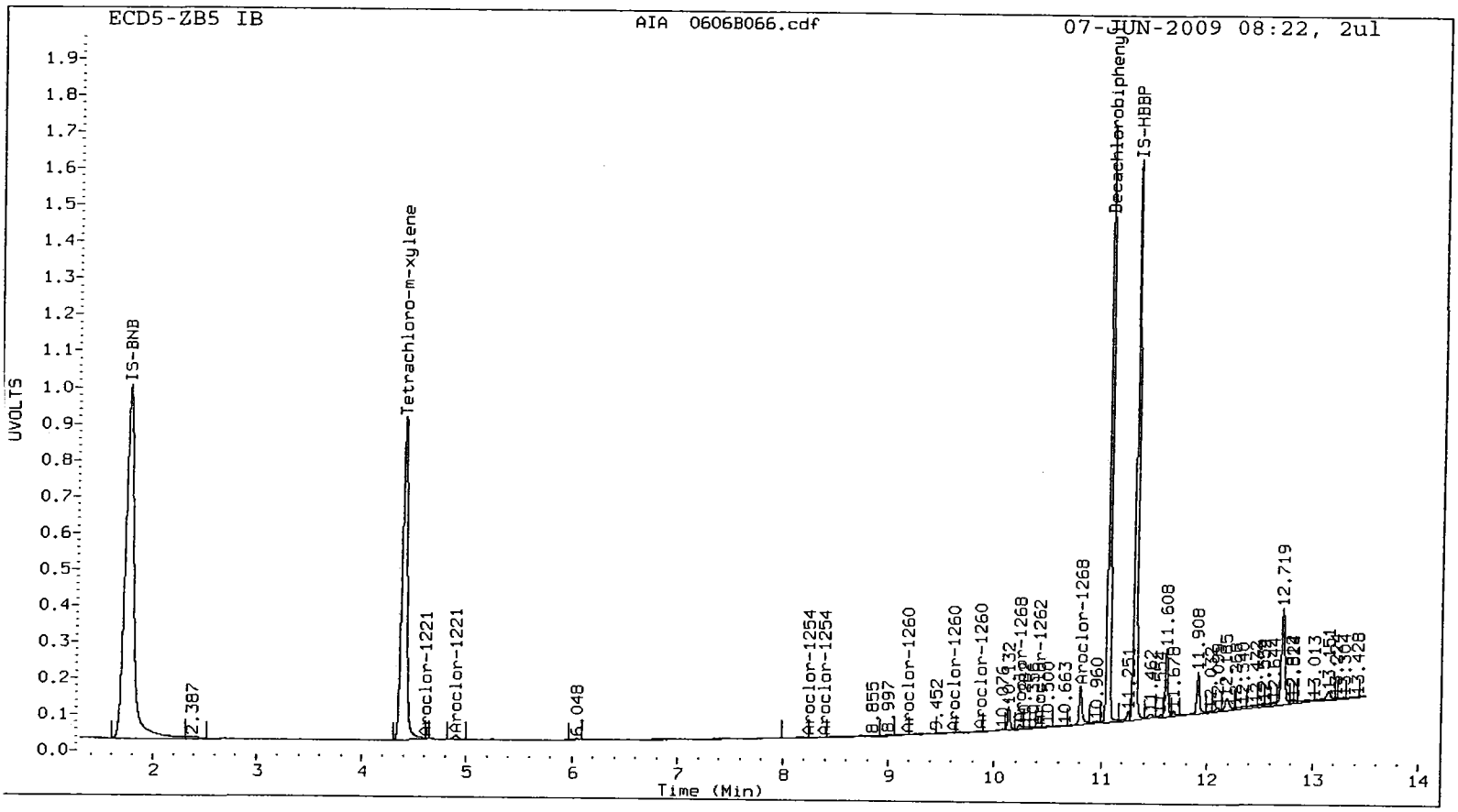
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.465	-0.068	14442	1.0
Aroclor-1016	2	---			0.0	2	7.134	0.022	44850	1.4
Aroclor-1016	3	---			0.0	3	7.290	-0.020	49770	4.0
Aroclor-1016	4	---			0.0	4	7.933	0.038	23221	2.5
		Col1Ave: <3 Quant Peaks					Col2Ave:		2.2	
Aroclor-1221	1	4.610	-0.123	14815	0.9	1	5.610	0.044	233748	12.1
Aroclor-1221	2	4.892	-0.003	176680	17.0	2	5.813	0.021	47969	4.2
Aroclor-1221	3	---			0.0	3	5.936	0.040	82335	2.2
Aroclor-1221	NS	---			----	4	7.290	-0.021	49770	8.3
		Col1Ave: <3 Quant Peaks					Col2Ave:		6.7	
Aroclor-1232	1	---			0.0	1	5.936	0.041	82335	6.7
Aroclor-1232	2	---			0.0	2	6.465	-0.070	14442	1.3
Aroclor-1232	3	---			0.0	3	7.134	0.020	44850	2.1
Aroclor-1232	4	---			0.0	4	7.290	-0.020	49770	5.8
		Col1Ave: <3 Quant Peaks					Col2Ave:		3.9	
Aroclor-1242	1	---			0.0	1	6.465	-0.069	14442	1.0
Aroclor-1242	2	---			0.0	2	7.134	0.021	44850	1.5
Aroclor-1242	3	---			0.0	3	7.290	-0.020	49770	4.4
Aroclor-1242	4	---			0.0	4	8.125	-0.063	67906	13.3
		Col1Ave: <3 Quant Peaks					Col2Ave:		5.0	
Aroclor-1248	1	---			0.0	1	7.134	0.026	44850	2.4
Aroclor-1248	2	---			0.0	2	7.557	0.022	53009	5.0
Aroclor-1248	3	---			0.0	3	7.933	0.038	23221	1.7
Aroclor-1248	4	---			0.0	4	8.125	-0.117	67906	3.8
		Col1Ave: <3 Quant Peaks					Col2Ave:		3.2	
Aroclor-1254	1	---			0.0	1	8.526	0.054	79756	4.2
Aroclor-1254	2	---			0.0	2	8.871	-0.002	33010	2.6
Aroclor-1254	3	8.243	0.013	78940	2.8	3	8.975	-0.009	56744	2.2
Aroclor-1254	4	8.389	-0.103	58899	2.0	4	9.160	0.016	30781	1.1
Aroclor-1254	5	---			0.0	5	9.493	-0.042	59307	3.5
		Col1Ave: <3 Quant Peaks					Col2Ave:		2.7	
Aroclor-1260	1	9.184	0.037	76632	5.5	1	9.257	-0.033	23195	1.1
Aroclor-1260	2	---			0.0	2	10.070	0.010	10313	0.8
Aroclor-1260	3	9.617	-0.002	116889	3.5	3	10.206	-0.012	22407	0.6
Aroclor-1260	4	9.873	-0.025	129756	7.5	4	10.623	0.004	16843	0.8
Aroclor-1260	5	---			0.0	NS	---			----
		Total Col1Ave (3 peaks):			5.5		Total Col2Ave (4 peaks):		0.8	RPD = 148*
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		0.7	
Aroclor-1262	1	---			0.0	1	10.070	0.011	10313	0.4
Aroclor-1262	2	9.617	-0.002	116889	1.8	2	10.206	-0.012	22407	0.3
Aroclor-1262	3	9.873	-0.096	129756	4.6	3	10.623	0.052	16843	0.6
Aroclor-1262	4	---			0.0	4	---			0.0
Aroclor-1262	5	10.422	-0.033	32514	1.4	5	11.035	-0.048	437828	19.0
		Total Col1Ave (3 peaks):			2.6		Total Col2Ave (4 peaks):		5.1	RPD = 65*
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		0.4	
Aroclor-1268	1	9.873	-0.097	129756	2.4	1	10.623	0.052	16843	0.3
Aroclor-1268	2	---			0.0	2	---			0.0
Aroclor-1268	3	10.233	-0.047	175029	4.2	3	10.879	-0.009	18845	0.5
Aroclor-1268	4	10.804	0.012	1155506	9.8	4	11.418	0.002	15641	0.1
		Total Col1Ave (3 peaks):			5.5		Total Col2Ave (3 peaks):		0.3	RPD = 178*
		Corrected Ave: < 3 Peaks					Corrected Ave: < 3 Peaks			

Total PCB Area Col1 (4.494 - 10.960) = 3642830 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 6423620 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical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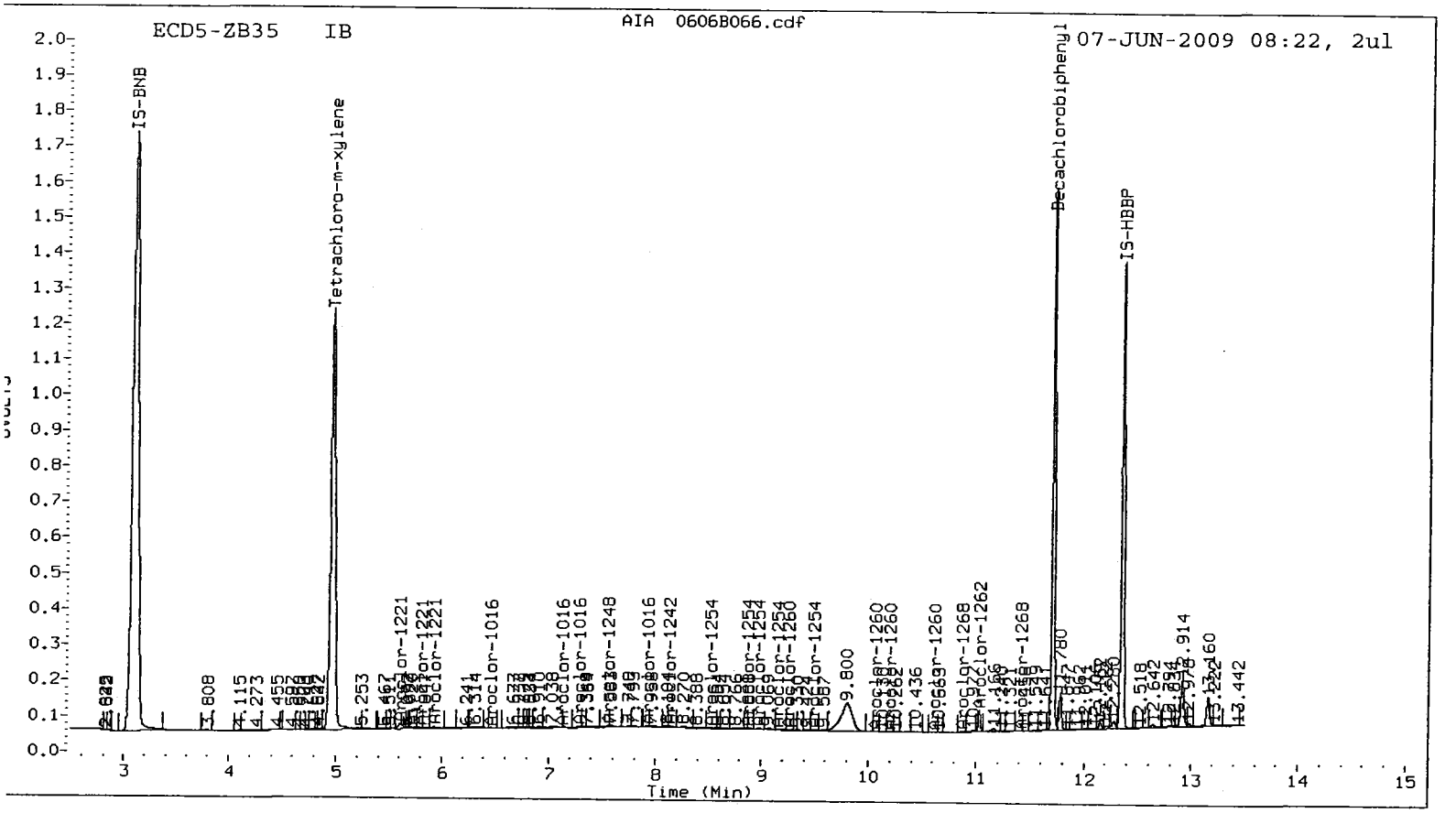
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1221
Aroclor-1254
Aroclor-1254
Aroclor-1260
Aroclor-1260
Aroclor-1268
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP
Time (Min)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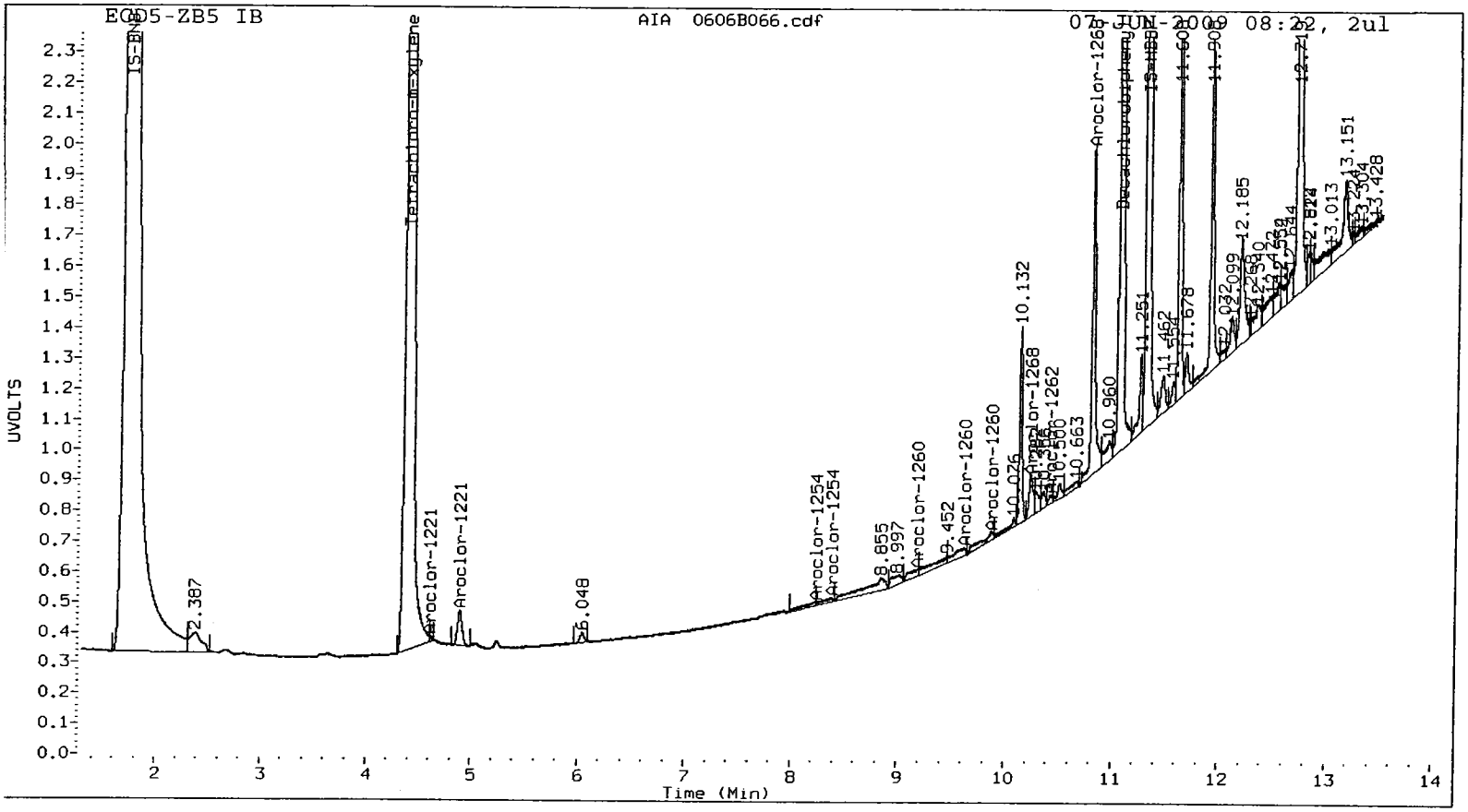
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Time (Min)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07-JUN-2009 08:22, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
2.387
6.048
8.855
8.997
9.452
10.026
10.132
10.663
10.960
11.251
11.462
11.678
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12.032
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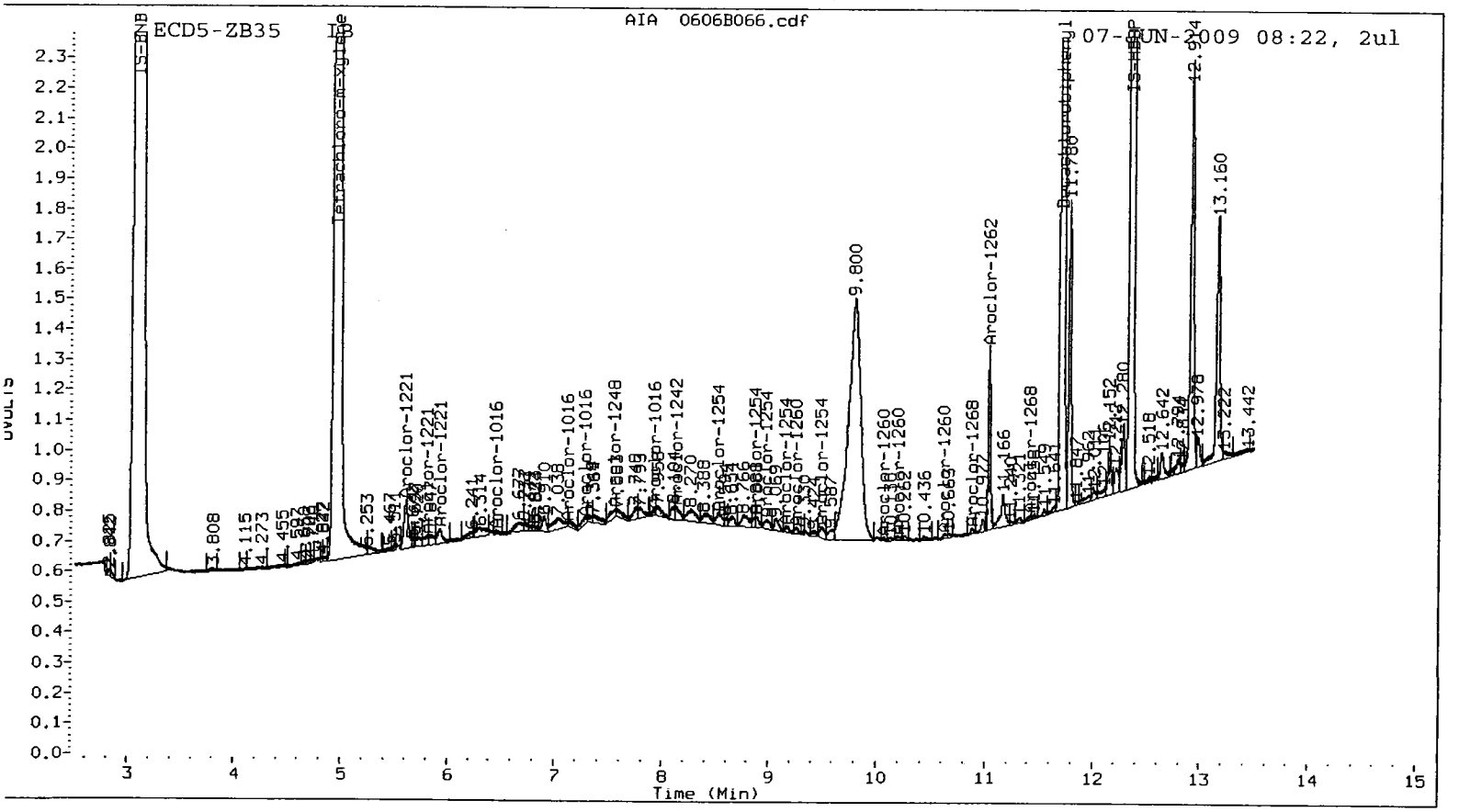
12.185
12.824
13.013
13.151
13.304
13.428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07-JUN-2009 08:22, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
9.800
11.780
12.914
13.160
13.442

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B067.d
Data file 2: 20090606.B/ical-2.b/0606B067.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: 0.25 PPM AR1660
Client ID:
Injection Date: 07-JUN-2009 08:39
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	-0.001	8043575	4.966	-0.001	8490693	20.5	19.7	3.6	Tetrachloro-m-xylene
11.059	-0.001	6686123	11.707	-0.001	6060642	18.9	18.5	1.9	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	51.1	49.3
Decachlorobiphenyl	47.2	46.3

JR 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30034732	0.0
Hexabromobiphenyl	12924817	12924817	0.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33277512	0.0
Hexabromobiphenyl	11348053	11348053	0.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

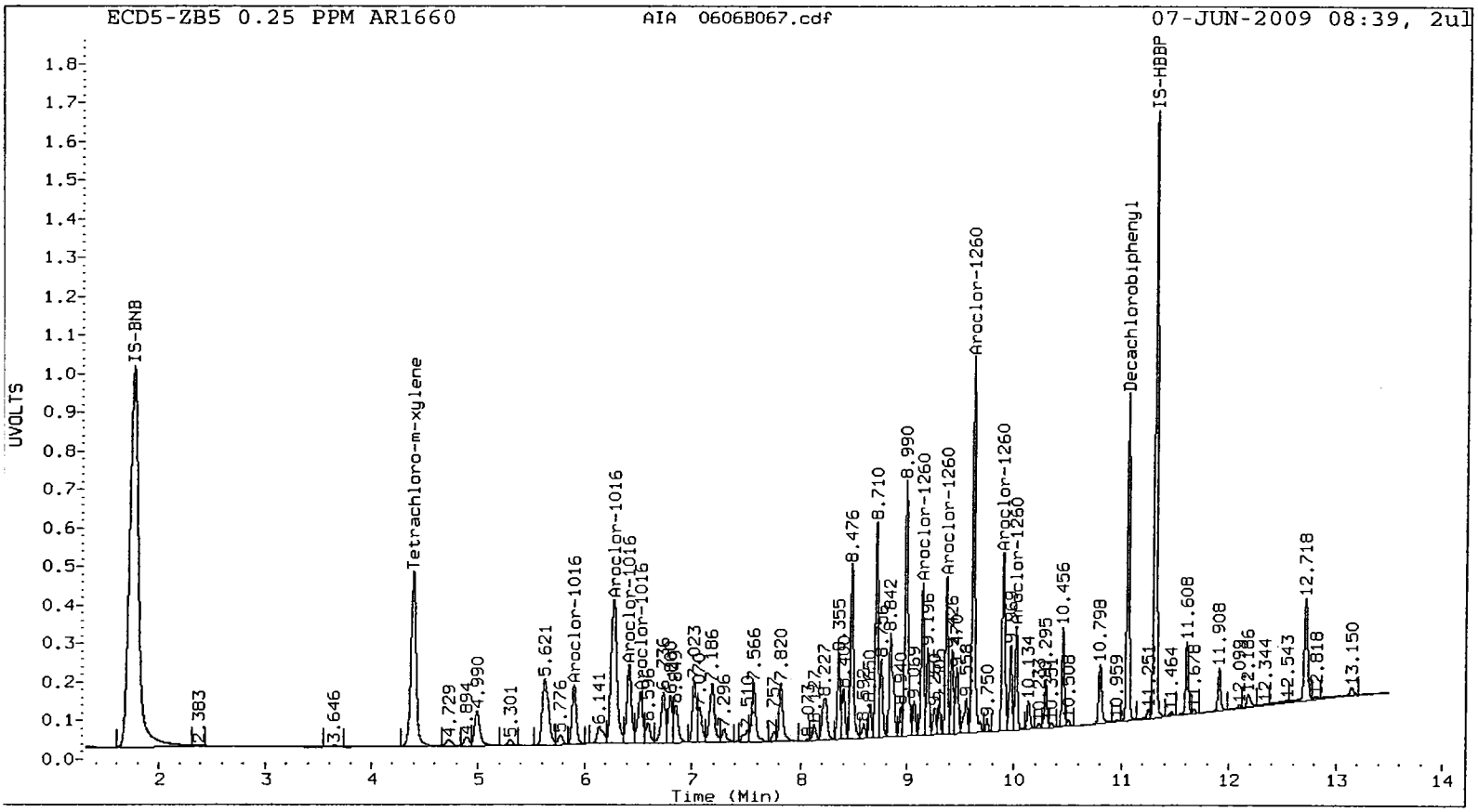
Aroclor	Peak#	RT	Shift	ZB5 Col Area	Amount	Peak#	RT	Shift	ZB35 Col Area	Amount
Aroclor-1016	1	5.899	-0.001	2225269	244.9	1	6.532	0.000	3780974	249.4
Aroclor-1016	2	6.273	-0.001	7290358	249.3	2	7.114	0.002	7703710	243.1
Aroclor-1016	3	6.419	0.001	3110518	249.0	3	7.310	0.000	2923915	236.4
Aroclor-1016	4	6.524	-0.001	2057025	257.1	4	7.895	0.000	2289624	242.6
Total Col1Ave (4 peaks):					250.1	Total Col2Ave (4 peaks):				242.9 RPD = 3
Corrected Ave (3 peaks):					247.7	Corrected Ave (3 peaks):				240.7 RPD = 3
Aroclor-1260	1	9.146	-0.001	3519632	253.6	1	9.290	0.000	5271734	247.3
Aroclor-1260	2	9.373	-0.001	3359351	255.2	2	10.059	0.000	3381112	244.6
Aroclor-1260	3	9.619	-0.001	8740589	261.2	3	10.218	-0.001	8675516	244.3
Aroclor-1260	4	9.898	0.000	4385171	252.7	4	10.618	-0.001	4977121	236.0
Aroclor-1260	5	10.020	-0.001	2196409	259.4	NS	---			----
Total Col1Ave (5 peaks):					256.4	Total Col2Ave (4 peaks):				243.0 RPD = 5
Corrected Ave (4 peaks):					255.2	Corrected Ave (3 peaks):				241.6 RPD = 5

✓ ✓

Total PCB Area Col1 (4.494 - 10.960) = 107446649 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 101325007 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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Time (Min)
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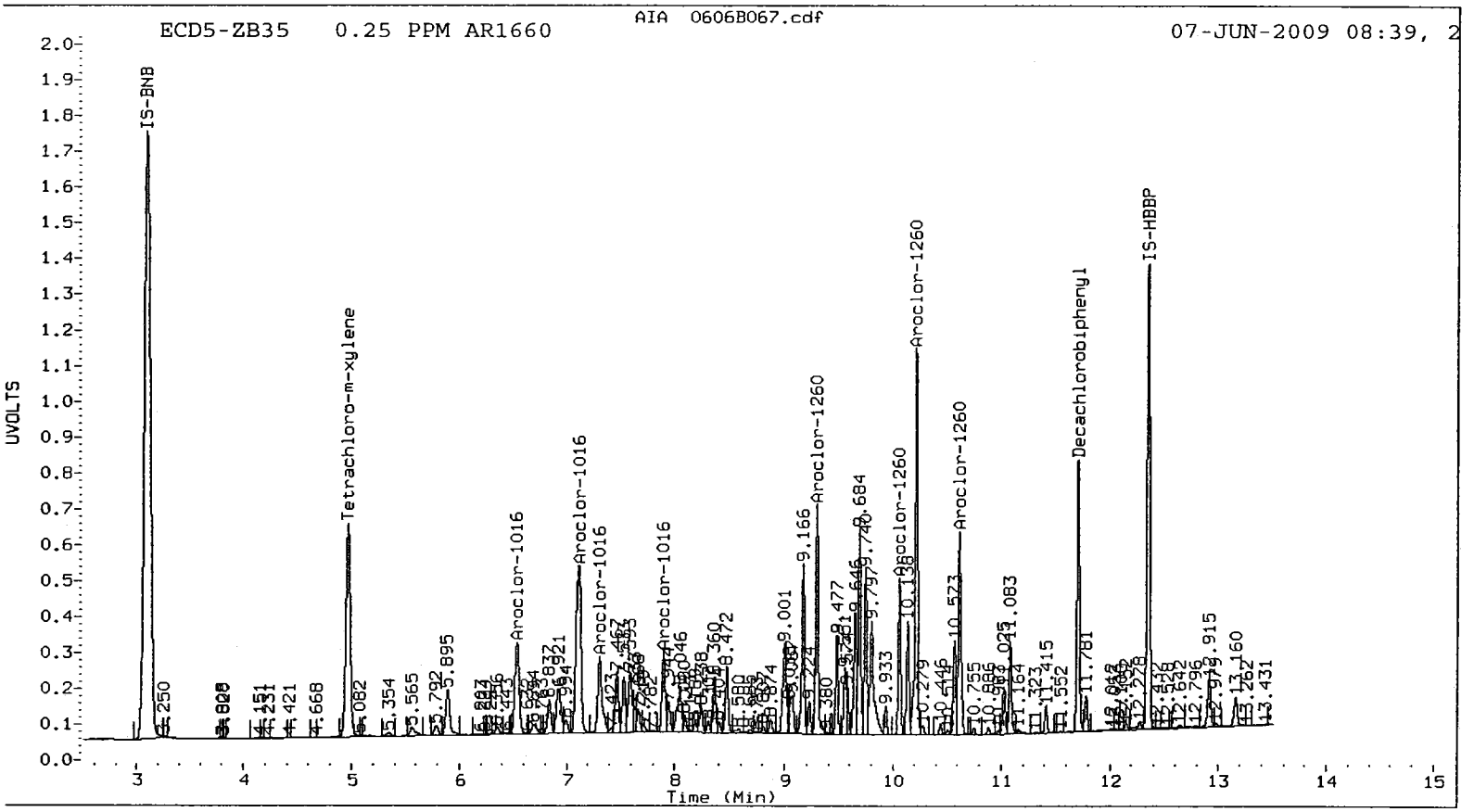
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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Time (Min)
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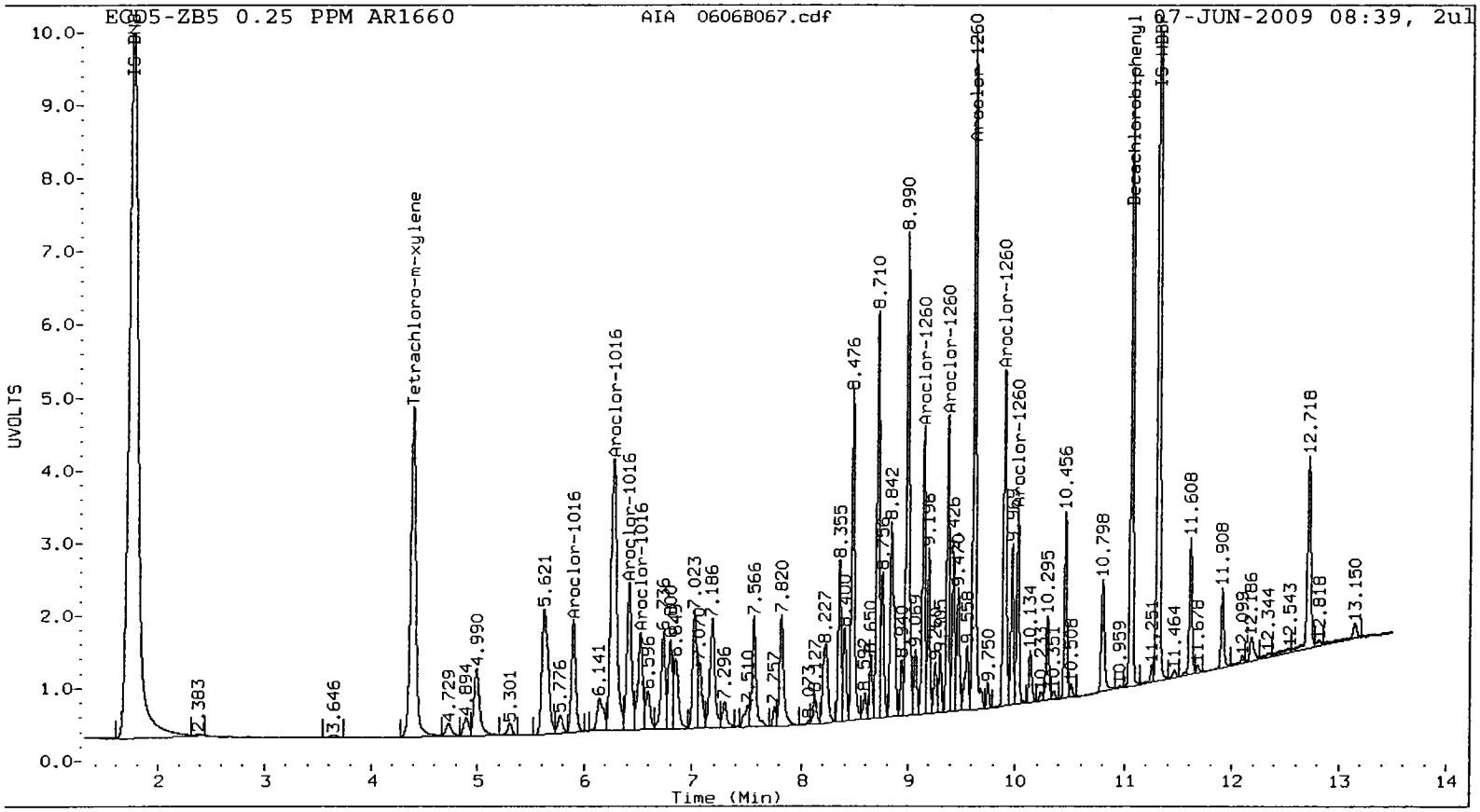
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
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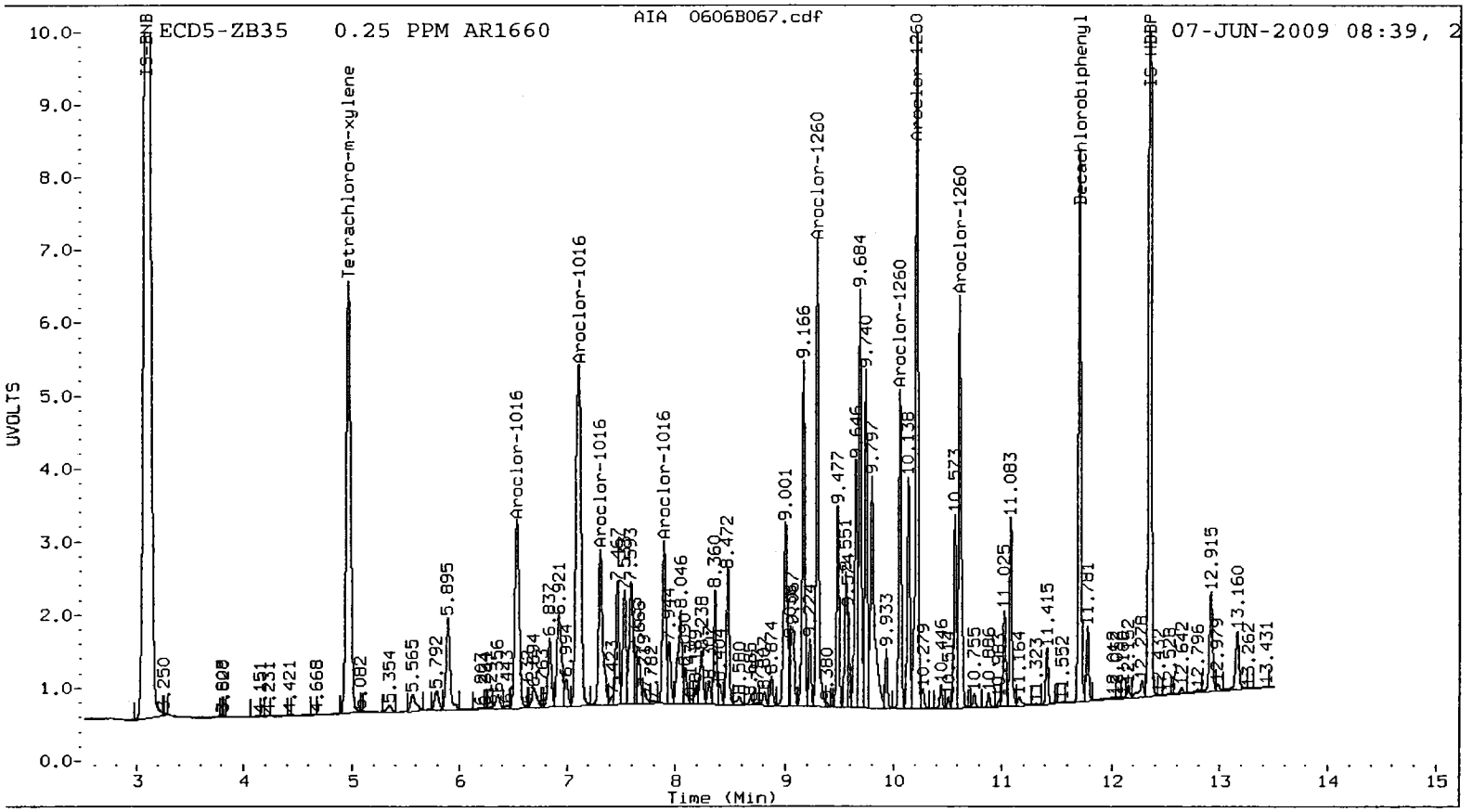
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B068.d
Data file 2: 20090606.B/ical-2.b/0606B068.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: 0.02 PPM AR1660
Client ID:
Injection Date: 07-JUN-2009 08:56
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	-0.001	641604	4.966	-0.001	767506	1.7	1.8	8.5	Tetrachloro-m-xylene
11.058	-0.002	746051	11.709	0.001	691010	2.1	2.2	1.5	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	4.2	4.5
Decachlorobiphenyl	5.3	5.4

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29369163	-2.2
Hexabromobiphenyl	12924817	12848888	-0.6

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32683455	-1.8
Hexabromobiphenyl	11348053	11133973	-1.9

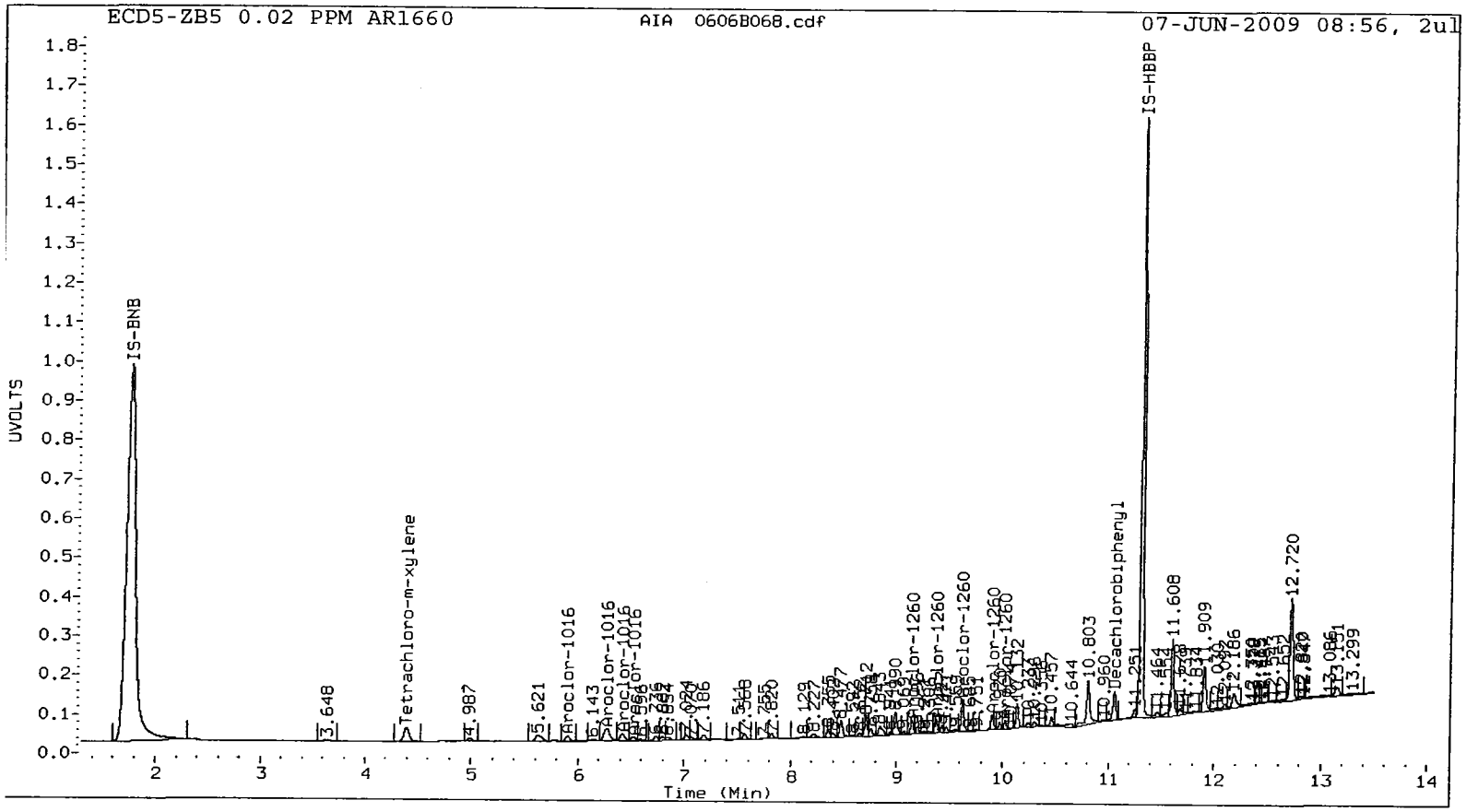
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	ZB5 Col Shift	Area	Amount	Peak#	RT	ZB35 Col Shift	Area	Amount
Aroclor-1016	1	5.903	0.003	196574	22.1	1	6.533	0.000	326685	21.9
Aroclor-1016	2	6.279	0.005	641204	22.4	2	7.111	-0.001	732468	23.5
Aroclor-1016	3	6.423	0.005	277170	22.7	3	7.309	0.000	299838	24.7
Aroclor-1016	4	6.526	0.002	149307	19.1	4	7.896	0.001	206775	22.3
Total Col1Ave (4 peaks):					21.6	Total Col2Ave (4 peaks):				23.1 RPD = 7
Corrected Ave (3 peaks):					21.2	Corrected Ave (3 peaks):				22.6 RPD = 6
Aroclor-1260	1	9.147	0.000	304988	22.1	1	9.290	0.000	461532	22.1
Aroclor-1260	2	9.373	-0.001	279733	21.4	2	10.060	0.000	311579	23.0
Aroclor-1260	3	9.620	0.000	721604	21.7	3	10.219	0.000	790453	22.7
Aroclor-1260	4	9.899	0.001	373730	21.7	4	10.619	0.000	530672	25.6
Aroclor-1260	5	10.021	0.000	167536	19.9	NS	---			----
Total Col1Ave (5 peaks):					21.3	Total Col2Ave (4 peaks):				23.3 RPD = 9
Corrected Ave (4 peaks):					21.2	Corrected Ave (3 peaks):				22.6 RPD = 6

Total PCB Area Col1 (4.494 - 10.960) = 11511820 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 14746772 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical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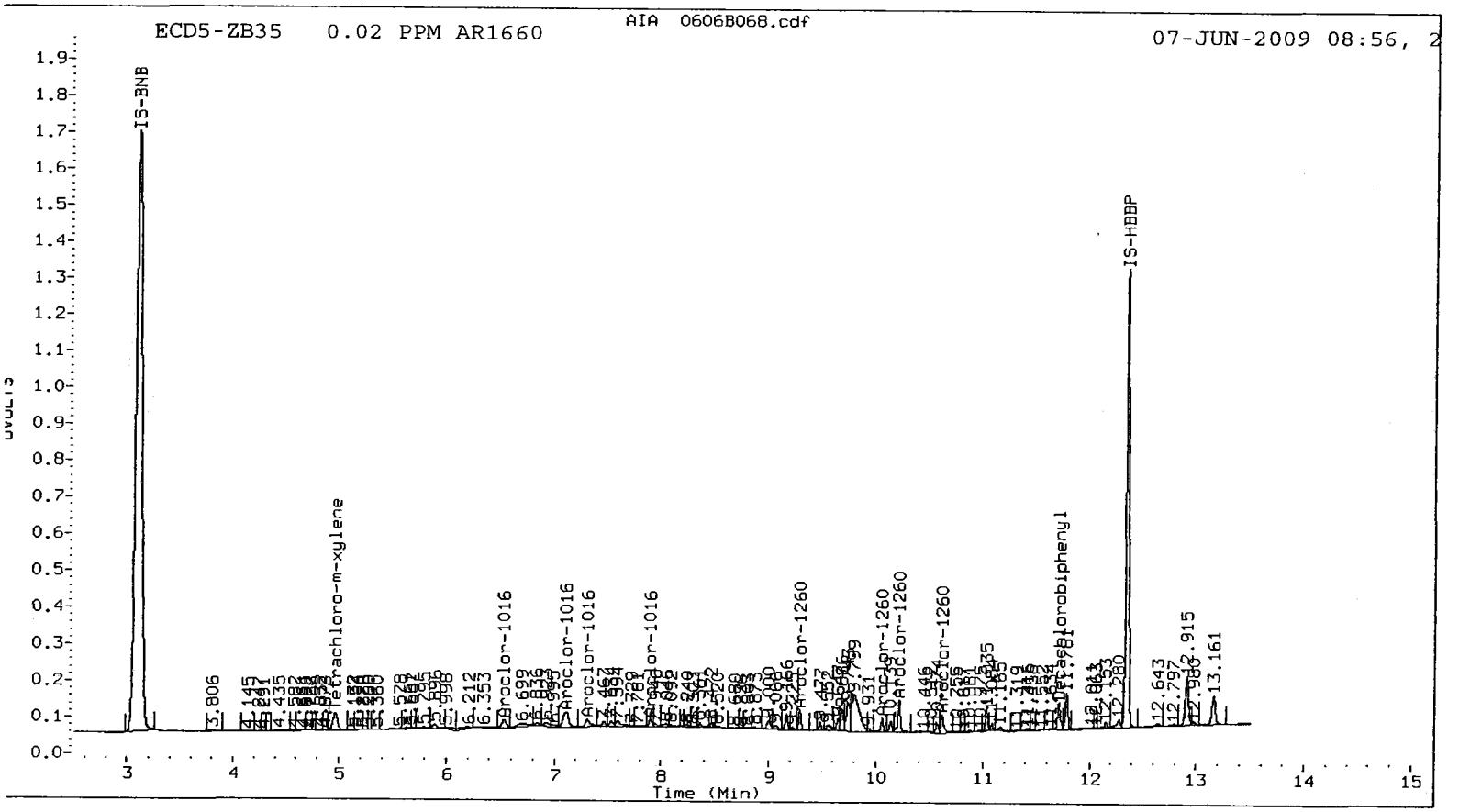
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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Time (Min)
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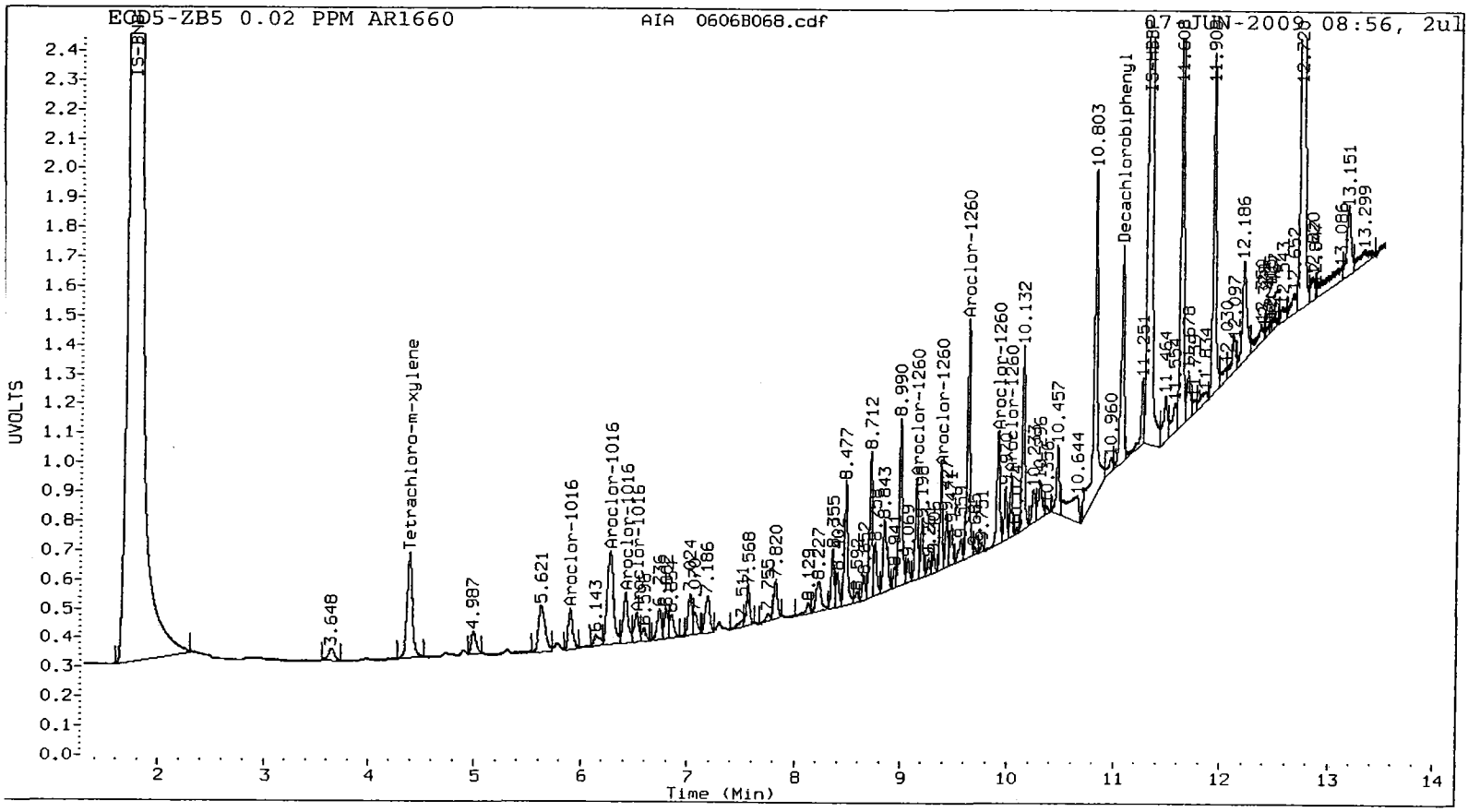
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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AIA 0606B068.cdf
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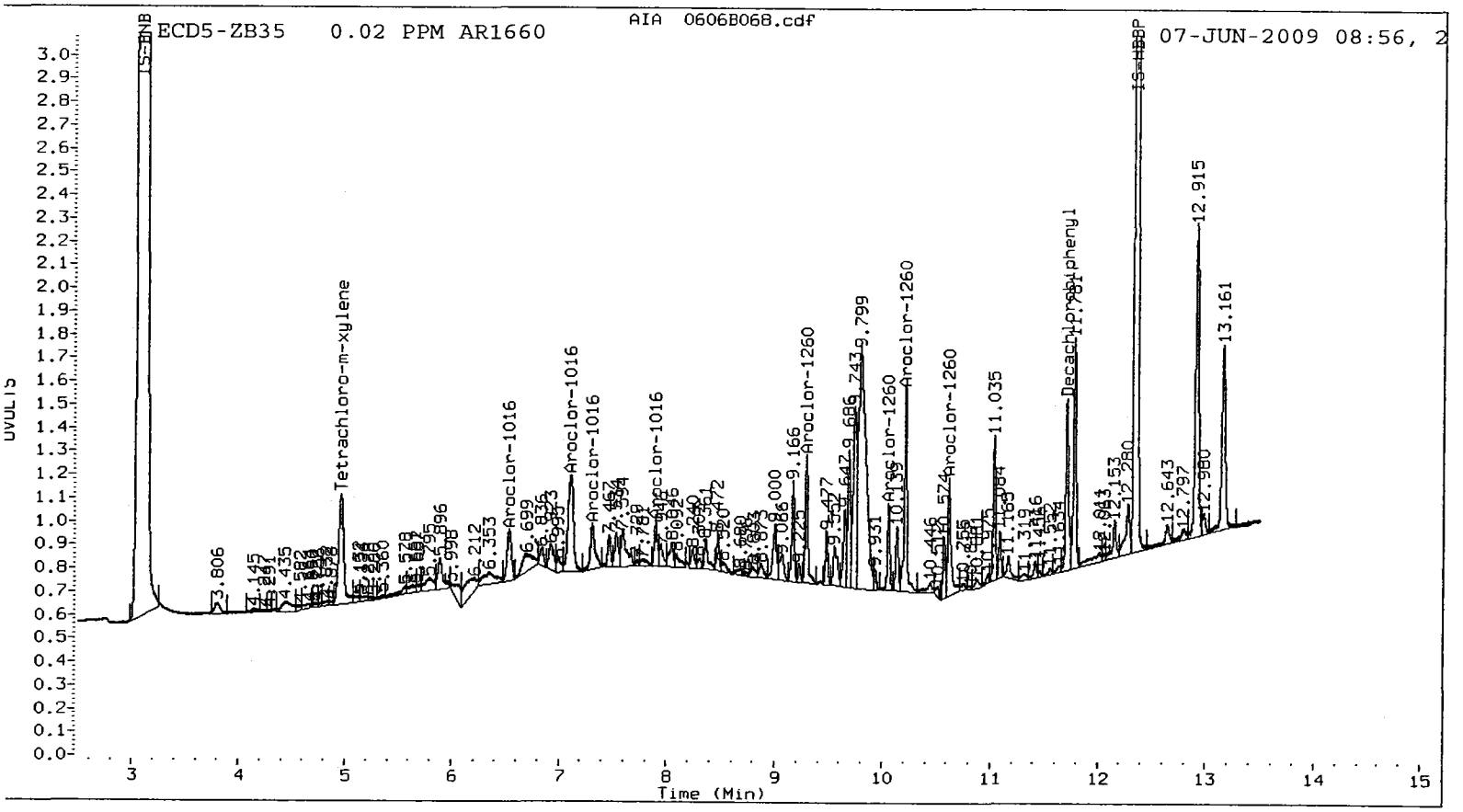
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl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07-JUN-2009 08:56, 2
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B069.d
Data file 2: 20090606.B/ical-2.b/0606B069.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: 1 PPM AR1660
Client ID:
Injection Date: 07-JUN-2009 09:13
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.394	0.001	30367438	4.967	-0.001	33692144	73.4	75.0	2.1	Tetrachloro-m-xylene
11.060	0.000	25531256	11.709	0.001	23985973	67.8	69.5	2.5	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	183.5	187.5
Decachlorobiphenyl	169.4	173.7

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	31598915	5.2
Hexabromobiphenyl	12924817	13740600	6.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	34761569	4.5
Hexabromobiphenyl	11348053	11959049	5.4

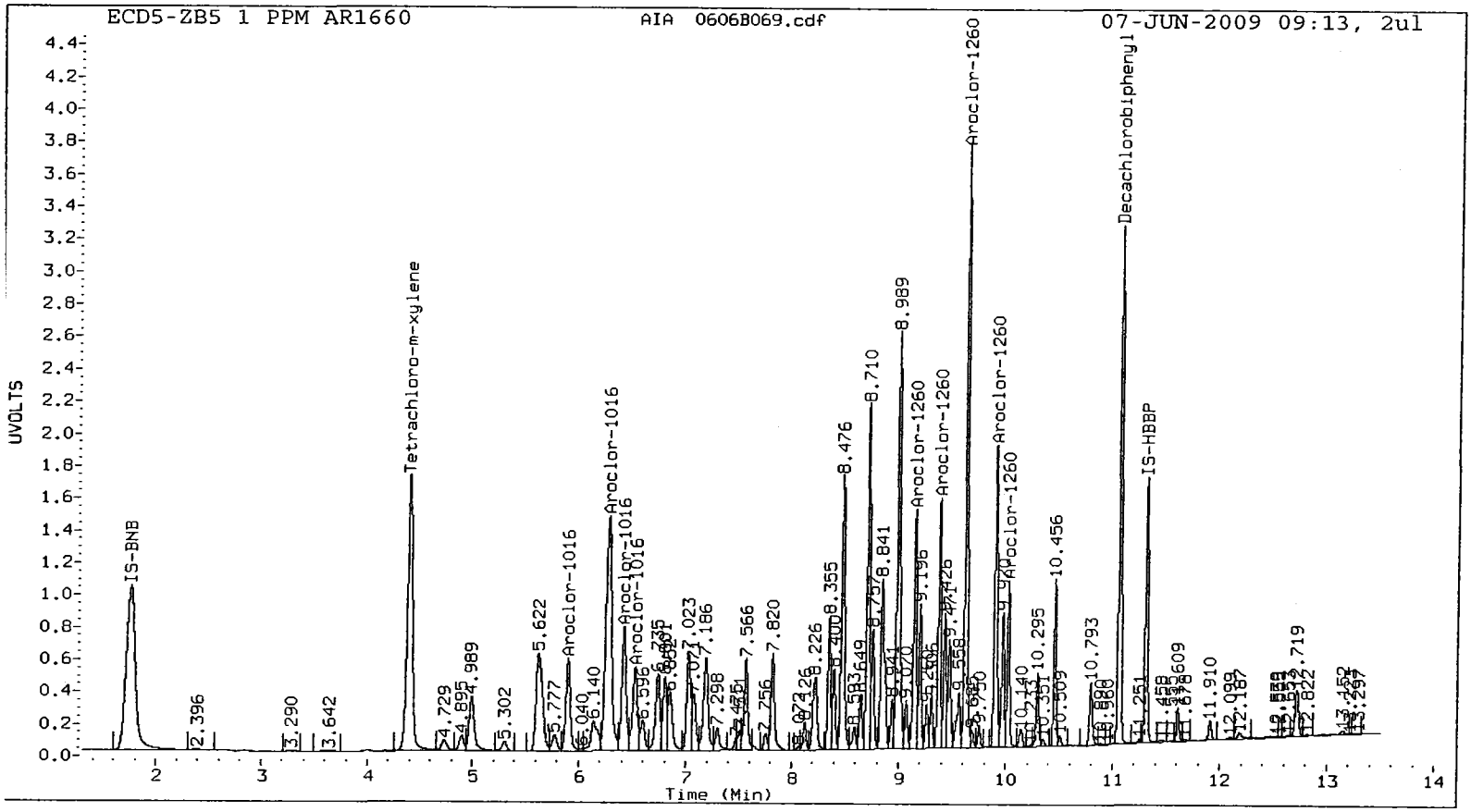
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.900	0.000	8493782	888.6	1	6.534	0.001	14577409	920.4
Aroclor-1016	2	6.274	-0.001	27344889	888.7	2	7.112	0.000	30111413	909.5
Aroclor-1016	3	6.418	0.000	11381546	866.1	3	7.310	0.000	11394488	882.1
Aroclor-1016	4	6.524	-0.001	7880355	936.3	4	7.896	0.001	9127714	926.0
Total Col1Ave (4 peaks):				895.0		Total Col2Ave (4 peaks):			909.5	RPD = 2
Corrected Ave (3 peaks):				881.2		Corrected Ave (3 peaks):			904.0	RPD = 3
Aroclor-1260	1	9.146	-0.001	13287485	900.7	1	9.291	0.001	21083258	938.3
Aroclor-1260	2	9.374	0.000	12796613	914.3	2	10.060	0.000	13587870	932.8
Aroclor-1260	3	9.619	-0.001	31445037	883.9	3	10.219	0.000	35805237	956.8
Aroclor-1260	4	9.898	0.000	16976180	920.1	4	10.620	0.000	20166723	907.3
Aroclor-1260	5	10.020	0.000	8555361	950.3	NS	---			----
Total Col1Ave (5 peaks):				913.8		Total Col2Ave (4 peaks):			933.8	RPD = 2
Corrected Ave (4 peaks):				904.7		Corrected Ave (3 peaks):			926.2	RPD = 2

Total PCB Area Col1 (4.494 - 10.960) = 401918273 Col1 Total PCB = 1.8 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 389160303 Col2 Total PCB = 1.8 ppm*

* Quantitated against AR1660 0.25ppm in Ical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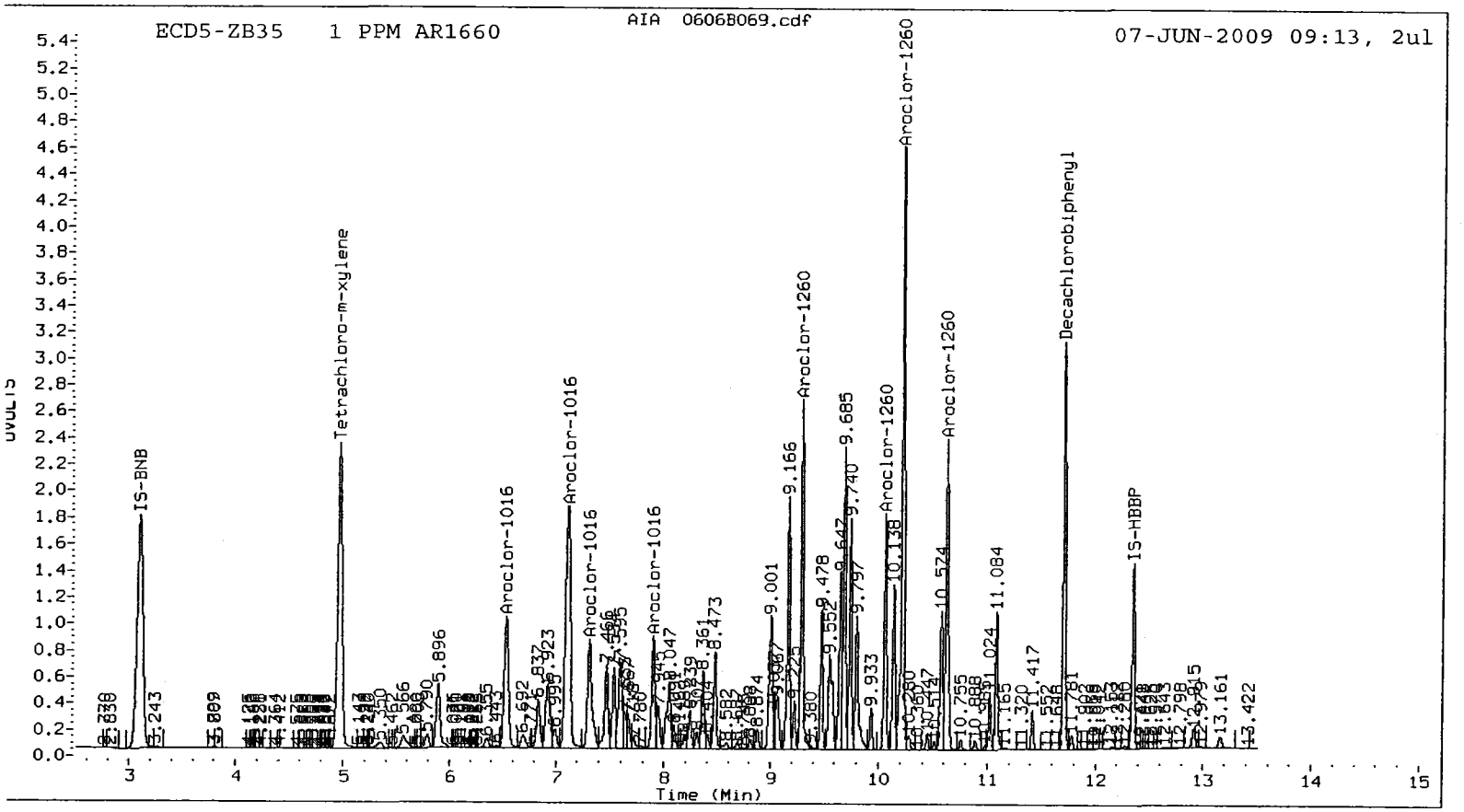
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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Time (Min)
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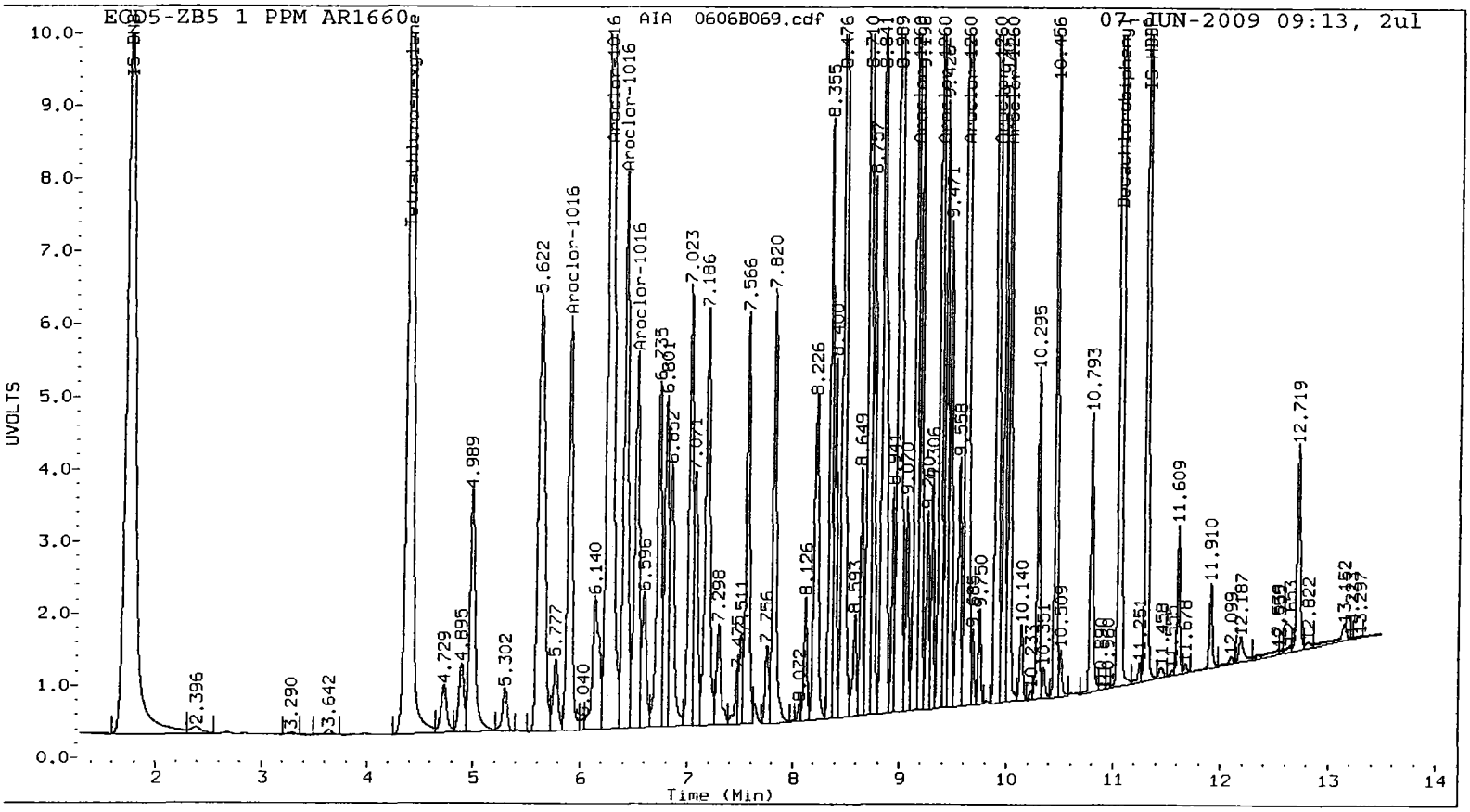
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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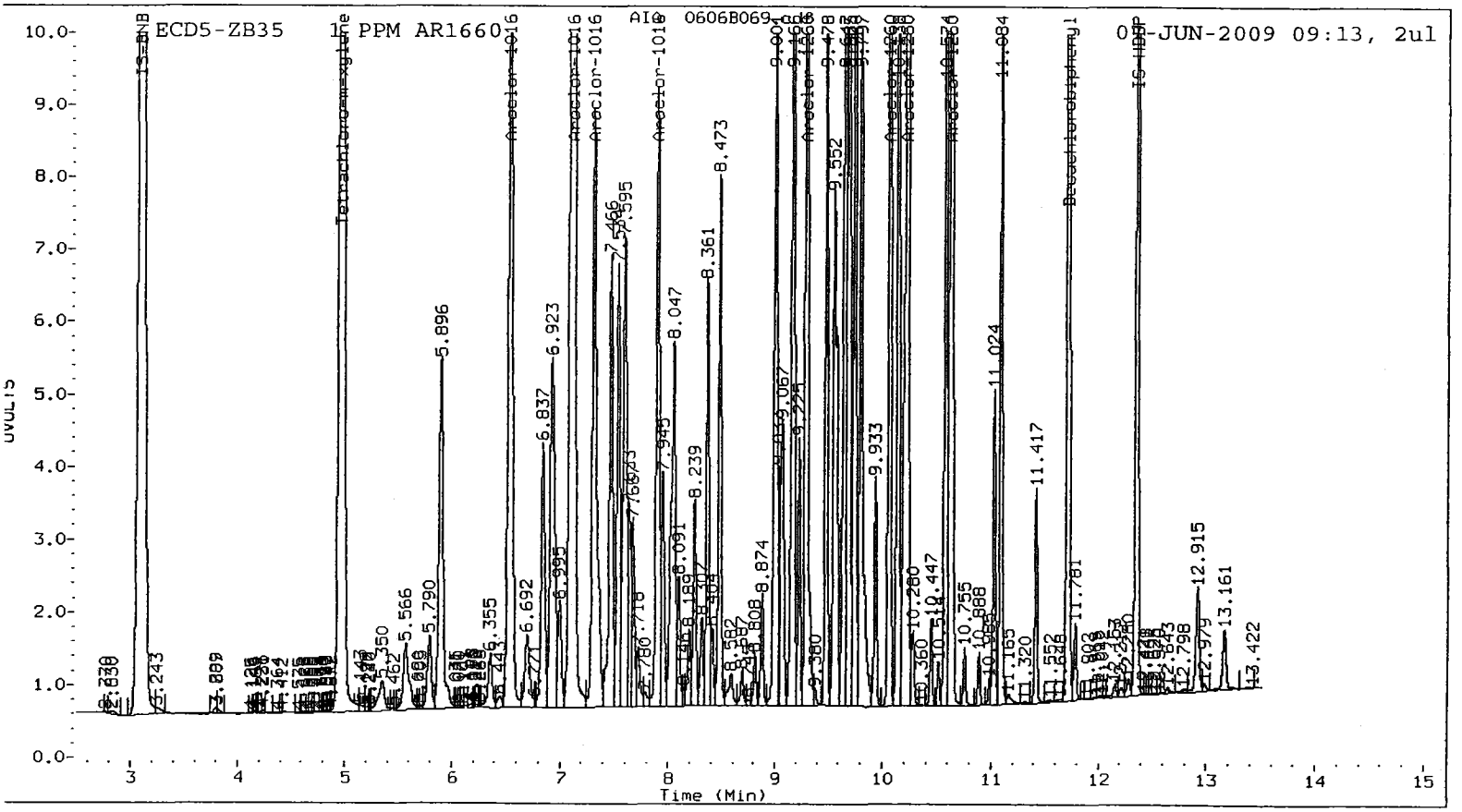
Time (Min)
Tetrachloro-m-xylene
Decachlorobiphenyl
Aroclor-1016
Aroclor-1260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07-JUN-2009 09:13, 2ul
UVOLTS
Time (Min)
Tetrachloro-m-xylene
Decachlorobiphenyl
Aroclor-1016
Aroclor-1260

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B070.d
Data file 2: 20090606.B/ical-2.b/0606B070.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: 0.1 PPM AR1660
Client ID:
Injection Date: 07-JUN-2009 09:30
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	0.000	3296875	4.966	-0.001	3404406	8.4	7.9	5.6	Tetrachloro-m-xylene
11.060	0.000	2869327	11.707	0.000	2572309	8.0	7.8	2.2	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	21.0	19.8
Decachlorobiphenyl	20.0	19.6

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30012814	-0.1
Hexabromobiphenyl	12924817	13053340	1.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33204809	-0.2
Hexabromobiphenyl	11348053	11361303	0.1

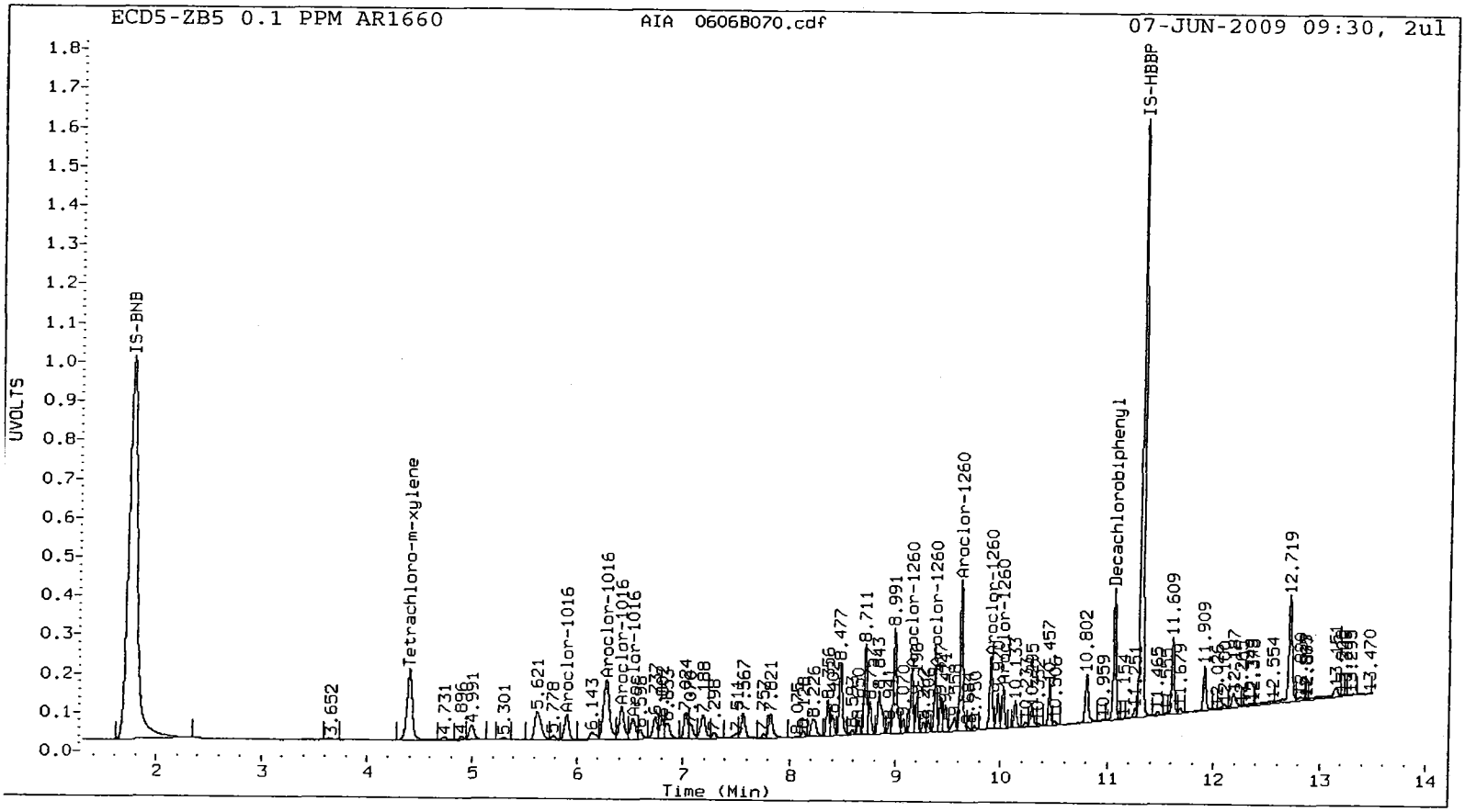
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	ZB5 Col Shift	Area	Amount	Peak#	RT	ZB35 Col Shift	Area	Amount
Aroclor-1016	1	5.901	0.001	969143	106.8	1	6.534	0.001	1585248	104.8
Aroclor-1016	2	6.277	0.002	3064278	104.9	2	7.113	0.001	3223529	101.9
Aroclor-1016	3	6.420	0.002	1335777	107.0	3	7.310	0.001	1292384	104.7
Aroclor-1016	4	6.525	0.000	865265	108.2	4	7.896	0.001	991156	105.3
Total Col1Ave (4 peaks):					106.7	Total Col2Ave (4 peaks):				104.2 RPD = 2
Corrected Ave (3 peaks):					106.2	Corrected Ave (3 peaks):				103.8 RPD = 2
Aroclor-1260	1	9.148	0.000	1451474	103.6	1	9.291	0.001	2185693	102.4
Aroclor-1260	2	9.374	0.000	1382744	104.0	2	10.060	0.000	1389959	100.4
Aroclor-1260	3	9.620	0.000	3486480	103.2	3	10.218	0.000	3495953	98.3
Aroclor-1260	4	9.899	0.001	1808136	103.2	4	10.619	0.000	2013433	95.4
Aroclor-1260	5	10.020	-0.001	882347	103.2	NS	---			----
Total Col1Ave (5 peaks):					103.4	Total Col2Ave (4 peaks):				99.1 RPD = 4
Corrected Ave (4 peaks):					103.3	Corrected Ave (3 peaks):				98.0 RPD = 5

Total PCB Area Col1 (4.494 - 10.960) = 45730069 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 45894761 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical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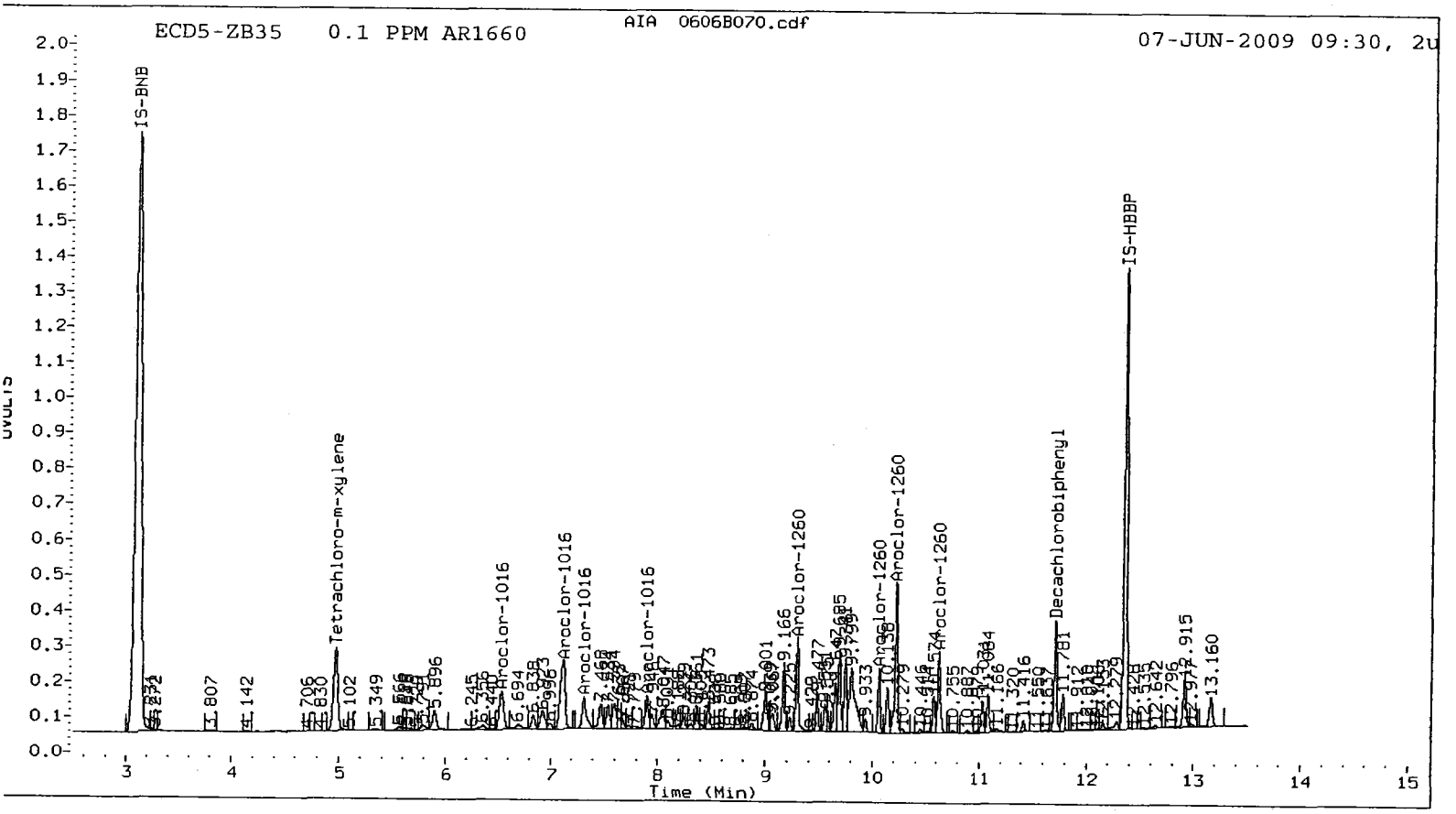
07-JUN-2009 09:30, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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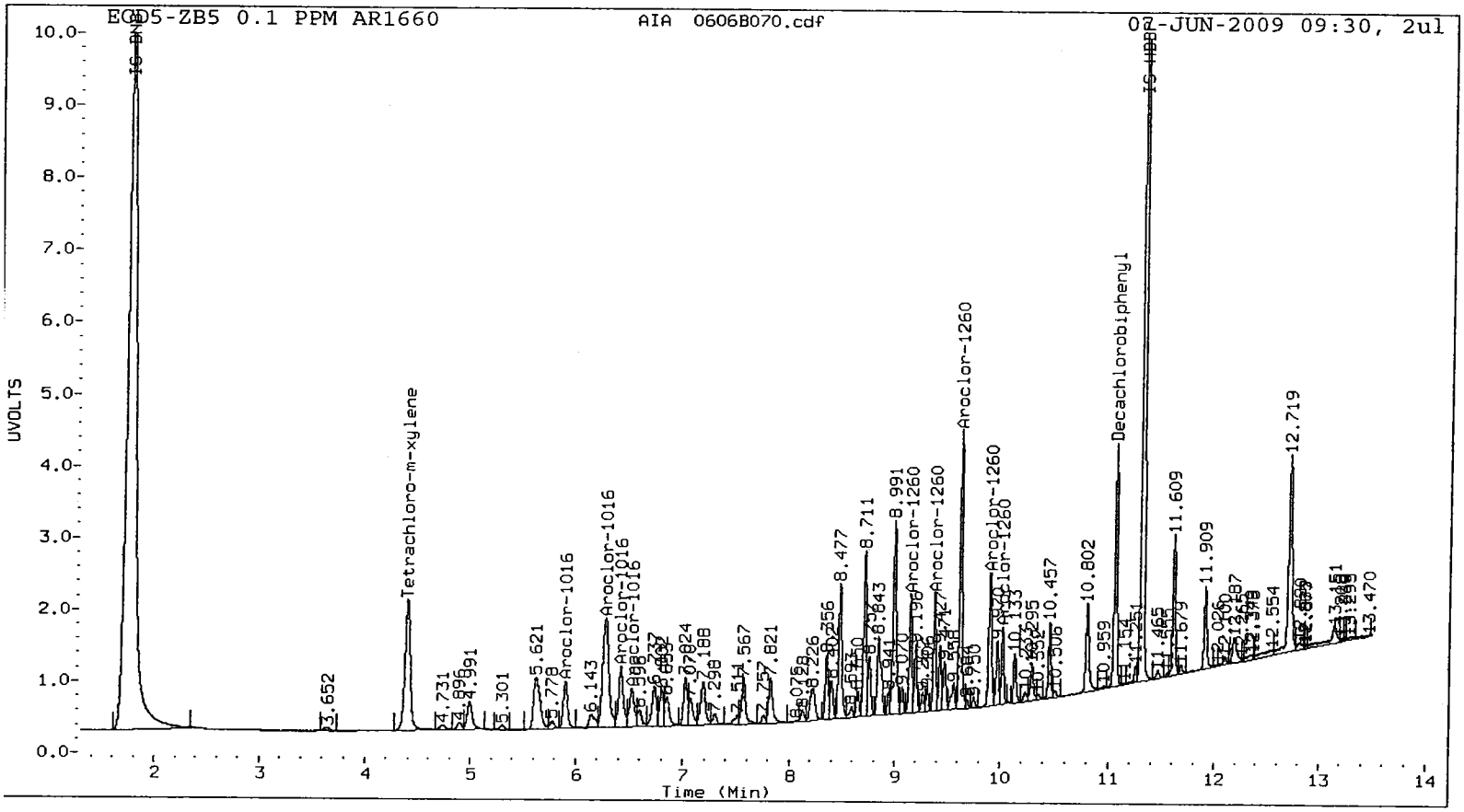
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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Time (Min)
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
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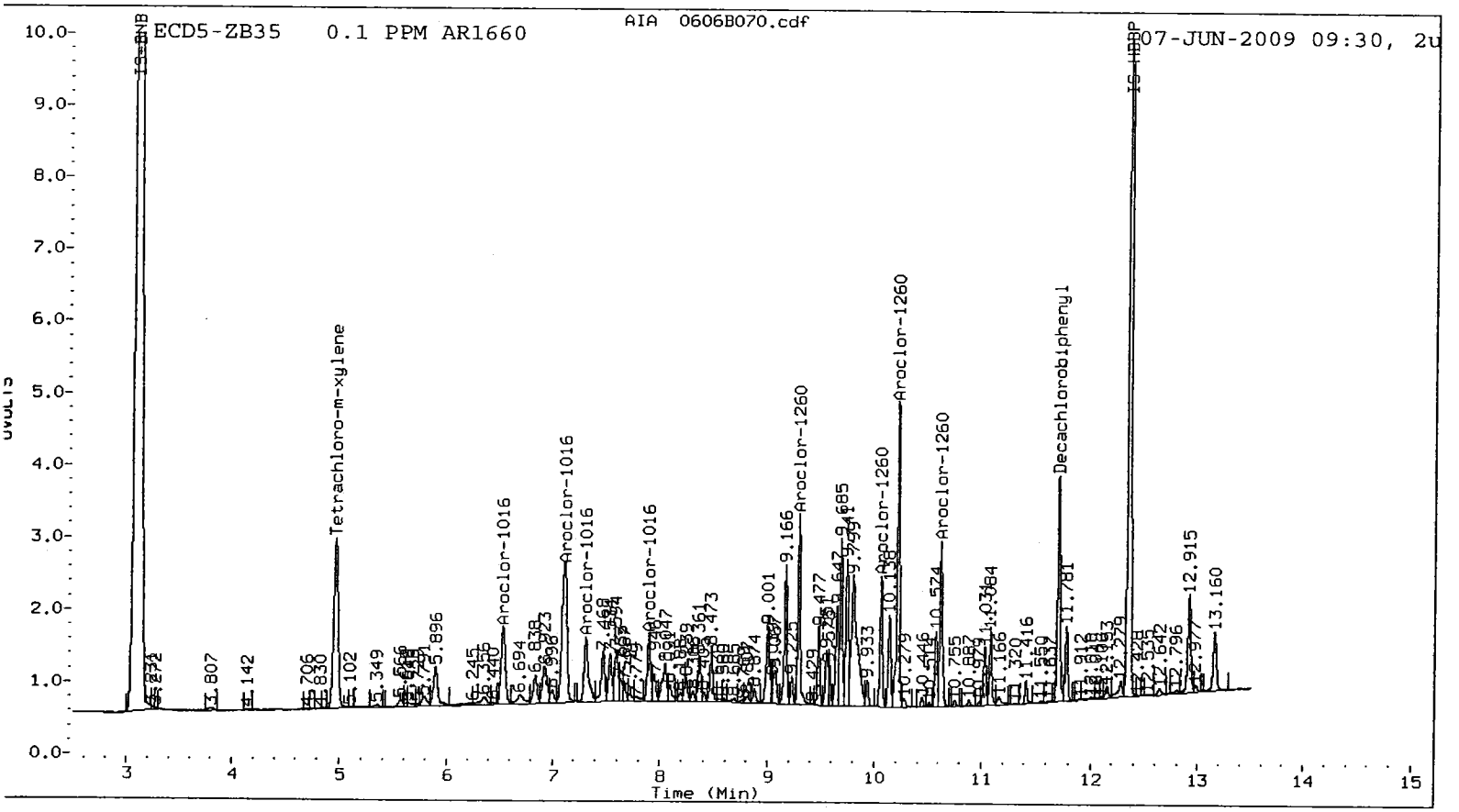
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07-JUN-2009 09:30, 2u
UVOLTS
Time (Min)
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B071.d
Data file 2: 20090606.B/ical-2.b/0606B071.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: 0.5 PPM AR1660
Client ID:
Injection Date: 07-JUN-2009 09:48
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	-0.001	15207007	4.966	-0.001	16314610	38.7	38.0	1.9	Tetrachloro-m-xylene
11.059	-0.001	12588167	11.708	0.000	11535372	35.3	35.3	0.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	96.7	94.9
Decachlorobiphenyl	88.4	88.1

JR 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30019383	-0.1
Hexabromobiphenyl	12924817	12990089	0.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33251696	-0.1
Hexabromobiphenyl	11348053	11335962	-0.1

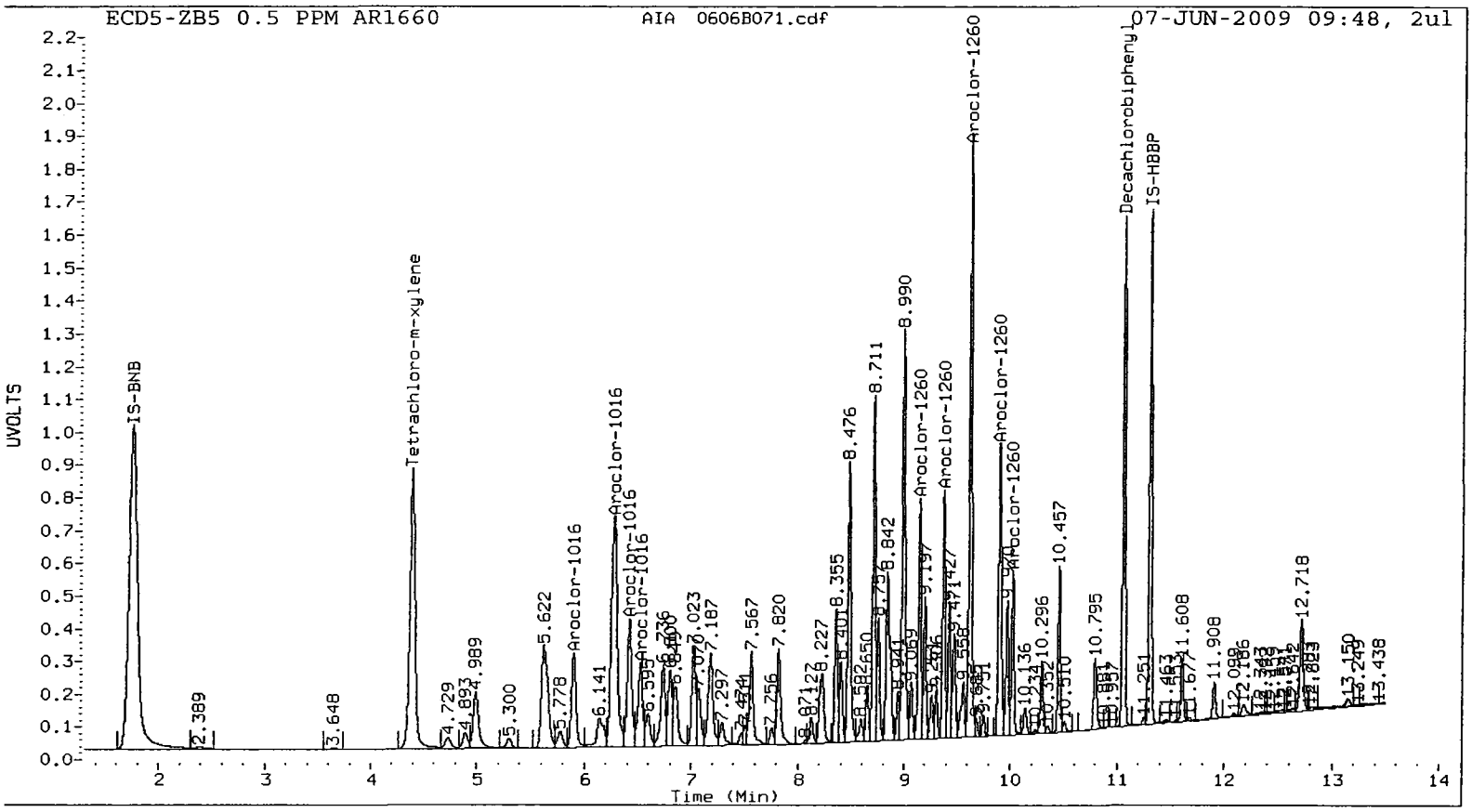
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	ZB5 Col Shift	Area	Amount	Peak#	RT	ZB35 Col Shift	Area	Amount
Aroclor-1016	1	5.900	0.000	4348153	478.9	1	6.533	0.000	7100423	468.7
Aroclor-1016	2	6.274	0.000	13805107	472.3	2	7.112	0.000	14608311	461.3
Aroclor-1016	3	6.418	0.000	5823348	466.5	3	7.309	0.000	5500669	445.2
Aroclor-1016	4	6.525	0.000	3990730	499.1	4	7.895	0.000	4409597	467.7
Total Col1Ave (4 peaks):					479.2	Total Col2Ave (4 peaks):				460.7 RPD = 4
Corrected Ave (3 peaks):					472.5	Corrected Ave (3 peaks):				458.0 RPD = 3
Aroclor-1260	1	9.147	0.000	6581984	471.9	1	9.290	0.000	10068175	472.7
Aroclor-1260	2	9.374	0.000	6328016	478.2	2	10.059	0.000	6459233	467.8
Aroclor-1260	3	9.620	0.000	16061789	477.6	3	10.219	0.000	16820449	474.2
Aroclor-1260	4	9.898	0.000	8325612	477.3	4	10.619	0.000	9617122	456.5
Aroclor-1260	5	10.021	0.000	4193122	492.7	NS	---			----
Total Col1Ave (5 peaks):					479.5	Total Col2Ave (4 peaks):				467.8 RPD = 2
Corrected Ave (4 peaks):					476.3	Corrected Ave (3 peaks):				465.7 RPD = 2

Total PCB Area Col1 (4.494 - 10.960) = 202282367 Col1 Total PCB = 0.9 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 189413272 Col2 Total PCB = 0.9 ppm*

* Quantitated against AR1660 0.25ppm in Ical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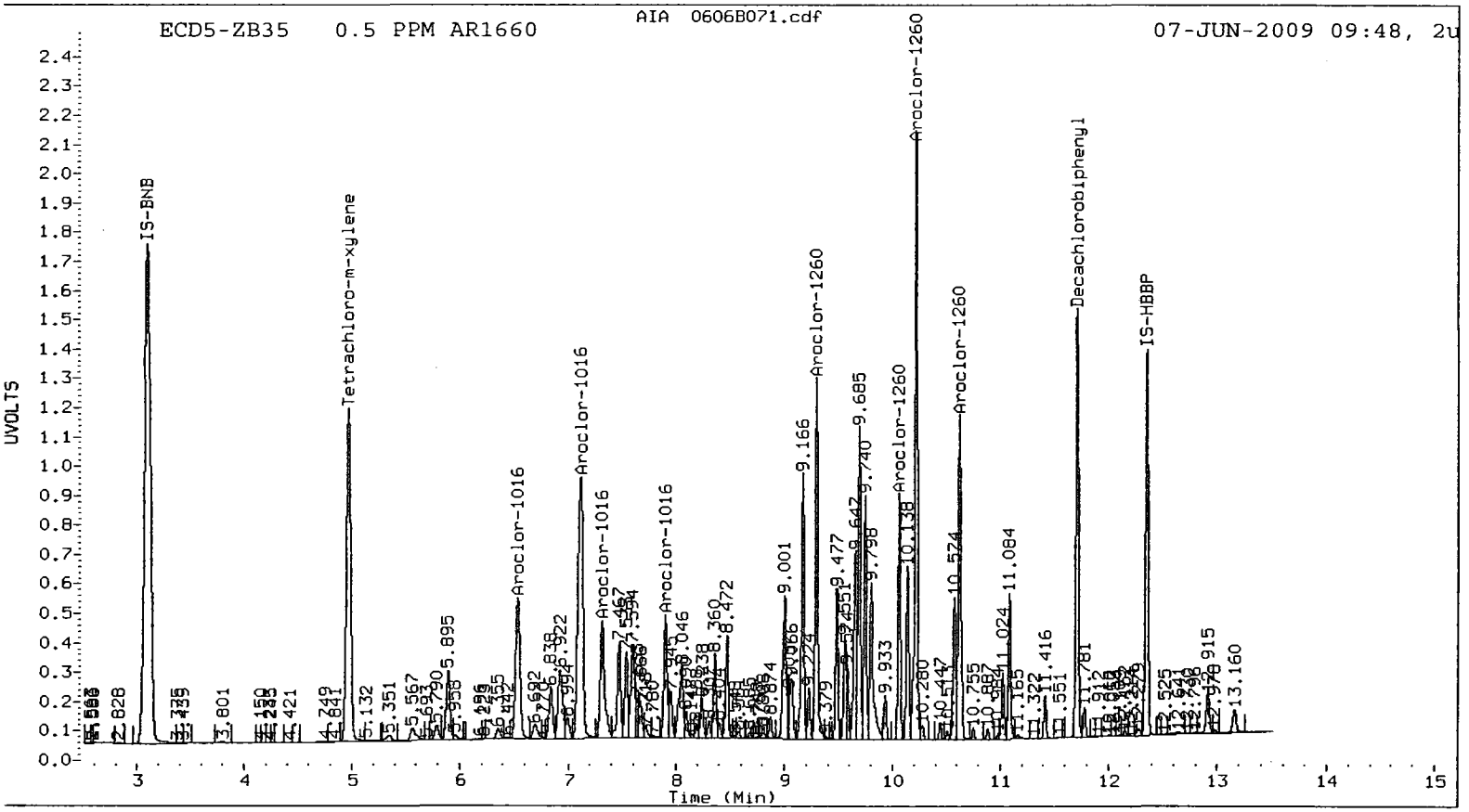
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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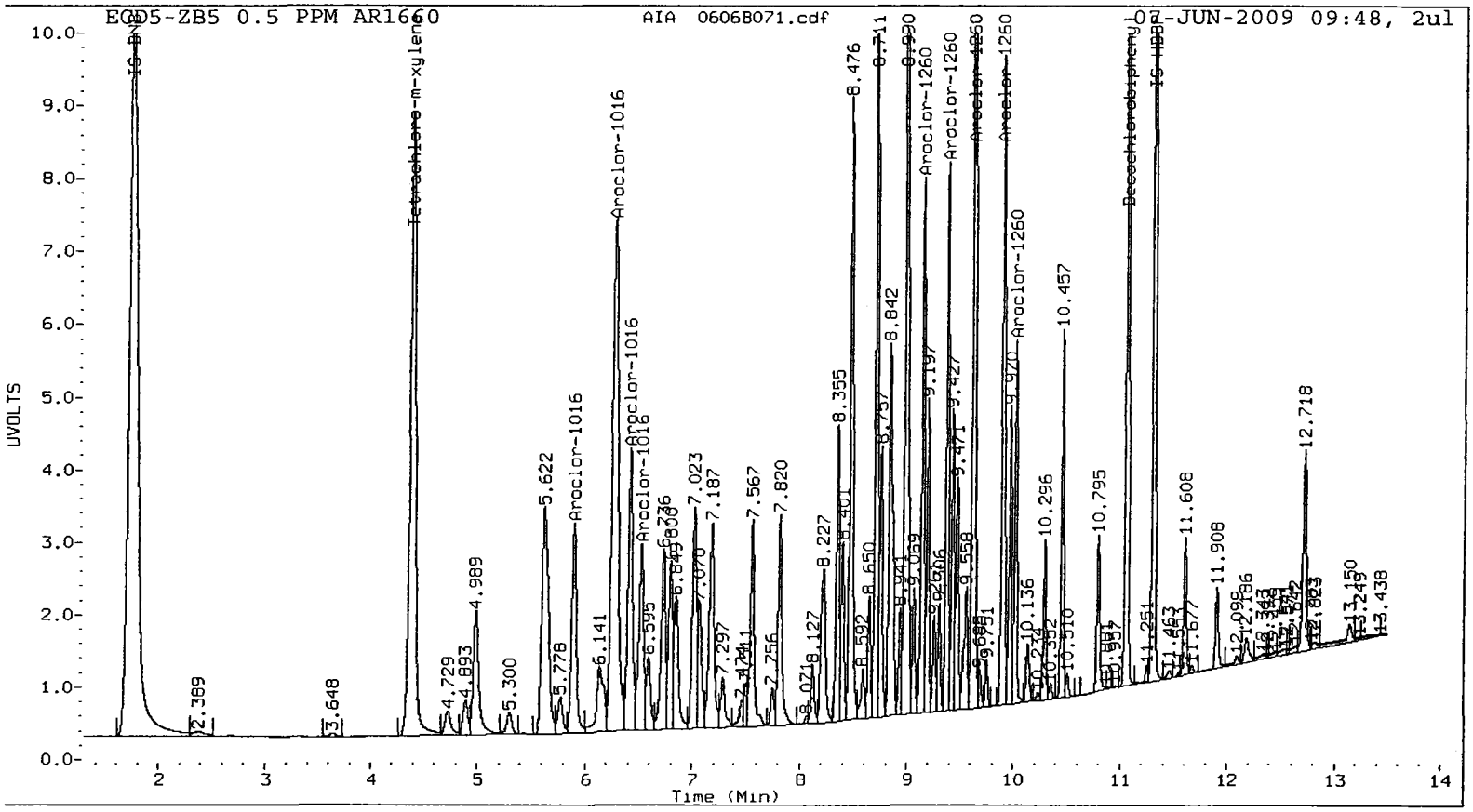
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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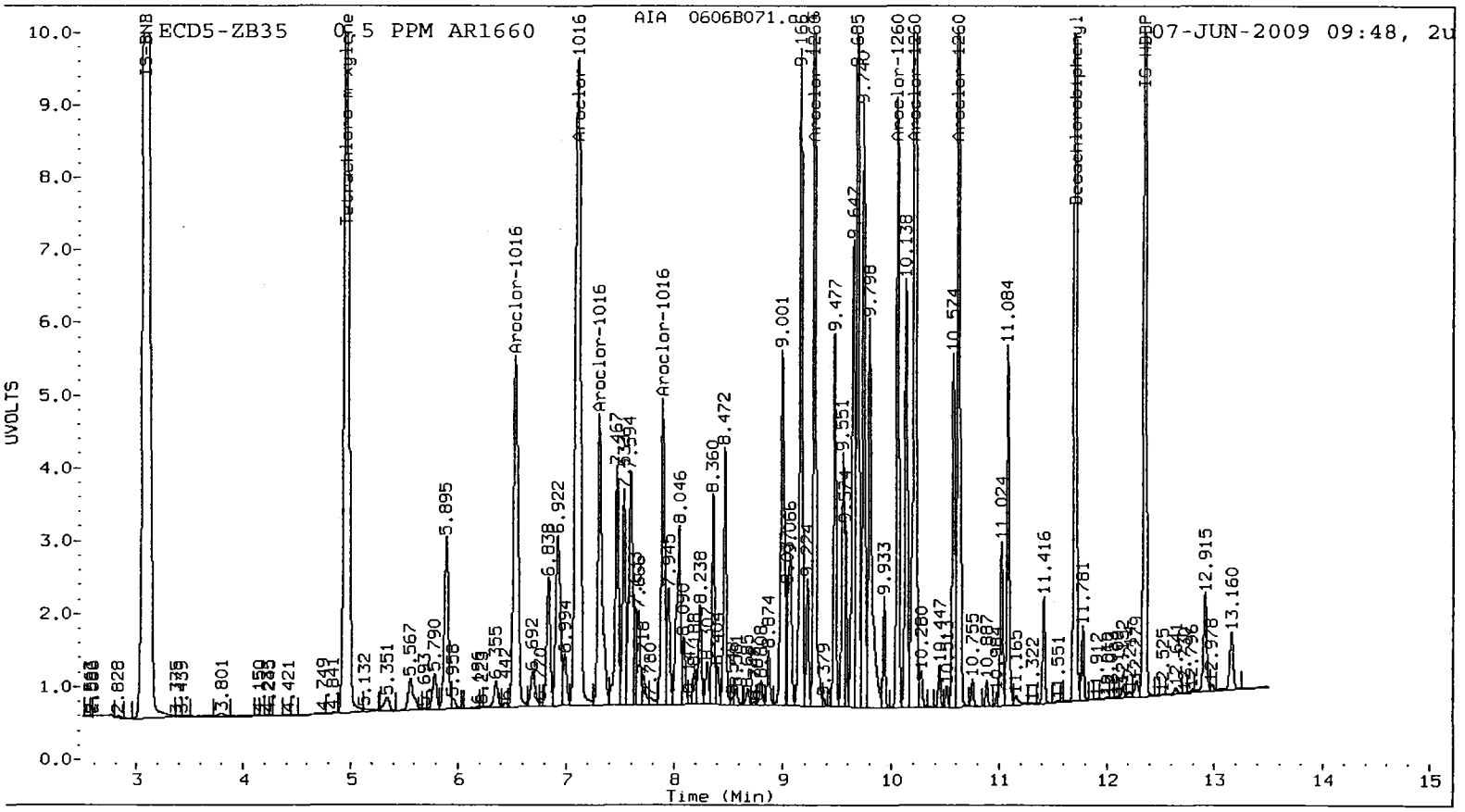
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B072.d
Data file 2: 20090606.B/ical-2.b/0606B072.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660 ICV
Client ID:
Injection Date: 07-JUN-2009 10:05
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.395	0.001	8298279	4.968	0.001	8809930	21.1	20.5	2.5	Tetrachloro-m-xylene
11.059	-0.001	7029732	11.708	0.000	6293224	19.5	19.2	1.7	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	52.7	51.4
Decachlorobiphenyl	48.7	47.9

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30086173	0.2
Hexabromobiphenyl	12924817	13150790	1.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33173937	-0.3
Hexabromobiphenyl	11348053	11376607	0.3

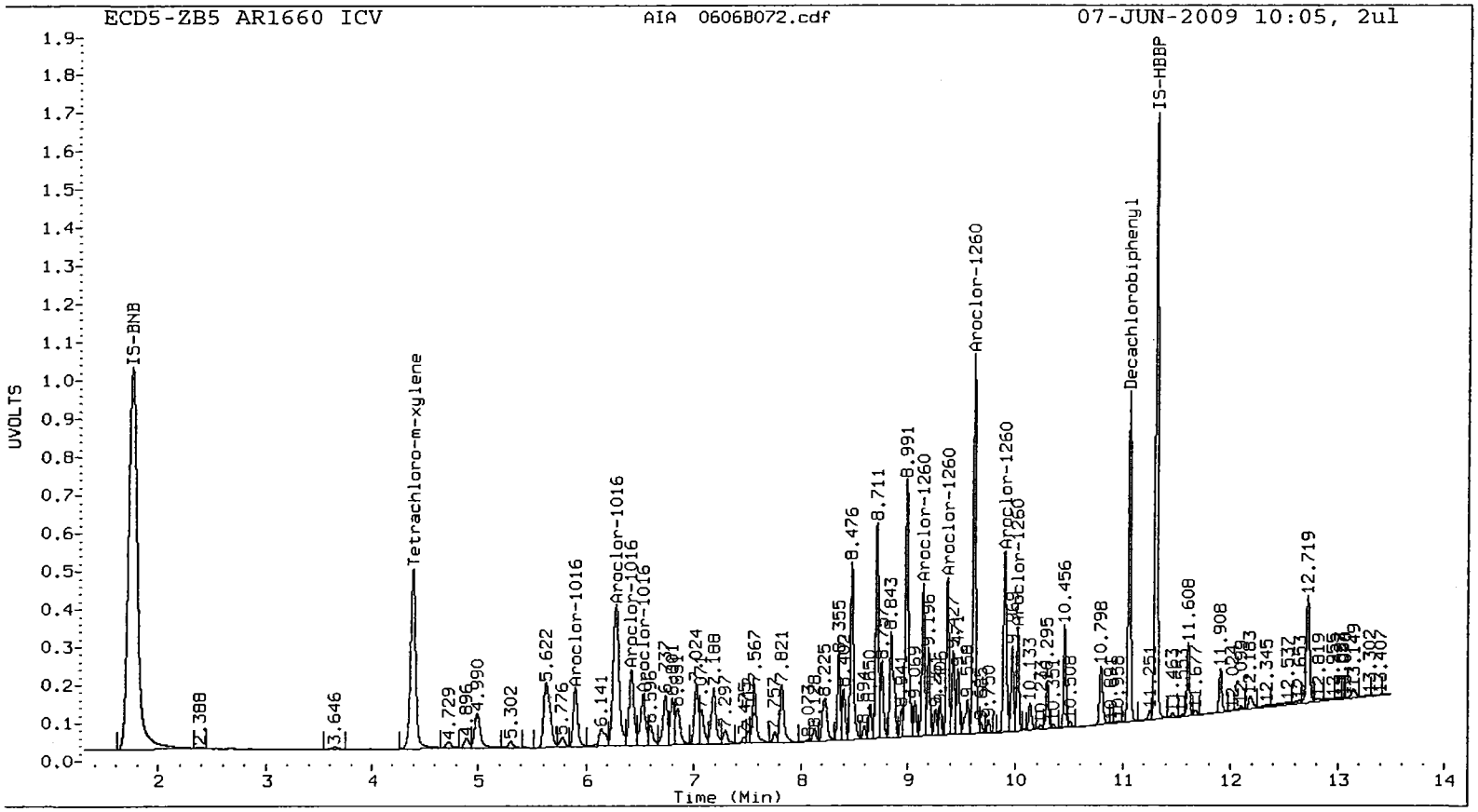
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.901	0.001	2323844	255.4	1	6.534	0.001	3759801	248.8
Aroclor-1016	2	6.276	0.001	7314844	249.7	2	7.113	0.001	7748920	245.2
Aroclor-1016	3	6.419	0.001	3148539	251.6	3	7.310	0.001	3008238	244.0
Aroclor-1016	4	6.525	0.000	2085642	260.3	4	7.896	0.001	2342611	249.0
Total Col1Ave (4 peaks):					254.2	Total Col2Ave (4 peaks):				246.8 RPD = 3
Corrected Ave (3 peaks):					252.2	Corrected Ave (3 peaks):				246.0 RPD = 2
Aroclor-1260	1	9.147	0.000	3573181	253.1	1	9.291	0.000	5295032	247.7
Aroclor-1260	2	9.374	0.000	3413135	254.8	2	10.059	0.000	3419509	246.8
Aroclor-1260	3	9.620	0.000	8687821	255.2	3	10.219	0.000	8804581	247.3
Aroclor-1260	4	9.899	0.001	4484791	254.0	4	10.619	0.000	5072413	239.9
Aroclor-1260	5	10.020	0.000	2228499	258.6	NS	---			----
Total Col1Ave (5 peaks):					255.1	Total Col2Ave (4 peaks):				245.4 RPD = 4
Corrected Ave (4 peaks):					254.2 ✓	Corrected Ave (3 peaks):				244.7 ✓ RPD = 4

Total PCB Area Col1 (4.494 - 10.960) = 109259480 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 103565397 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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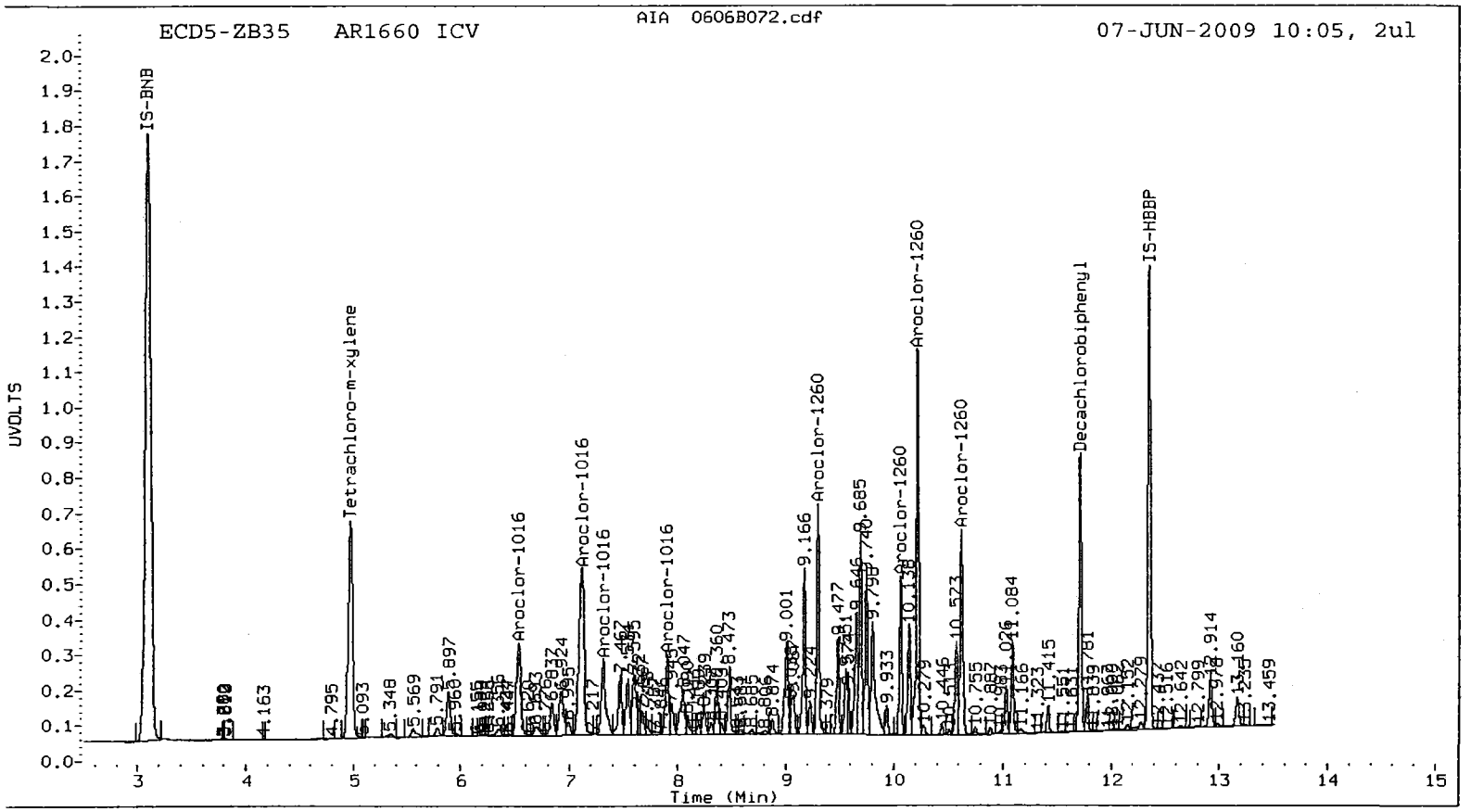
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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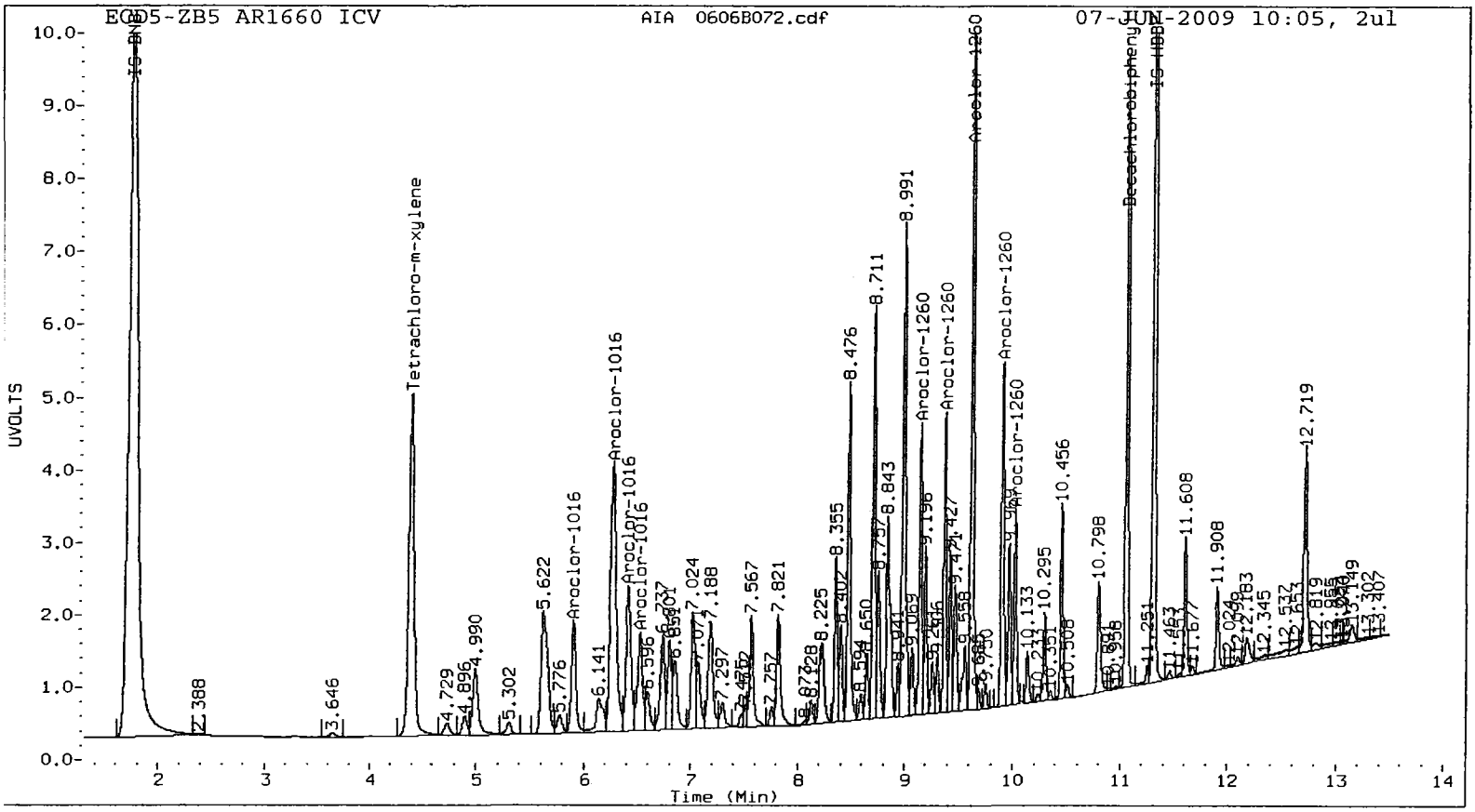
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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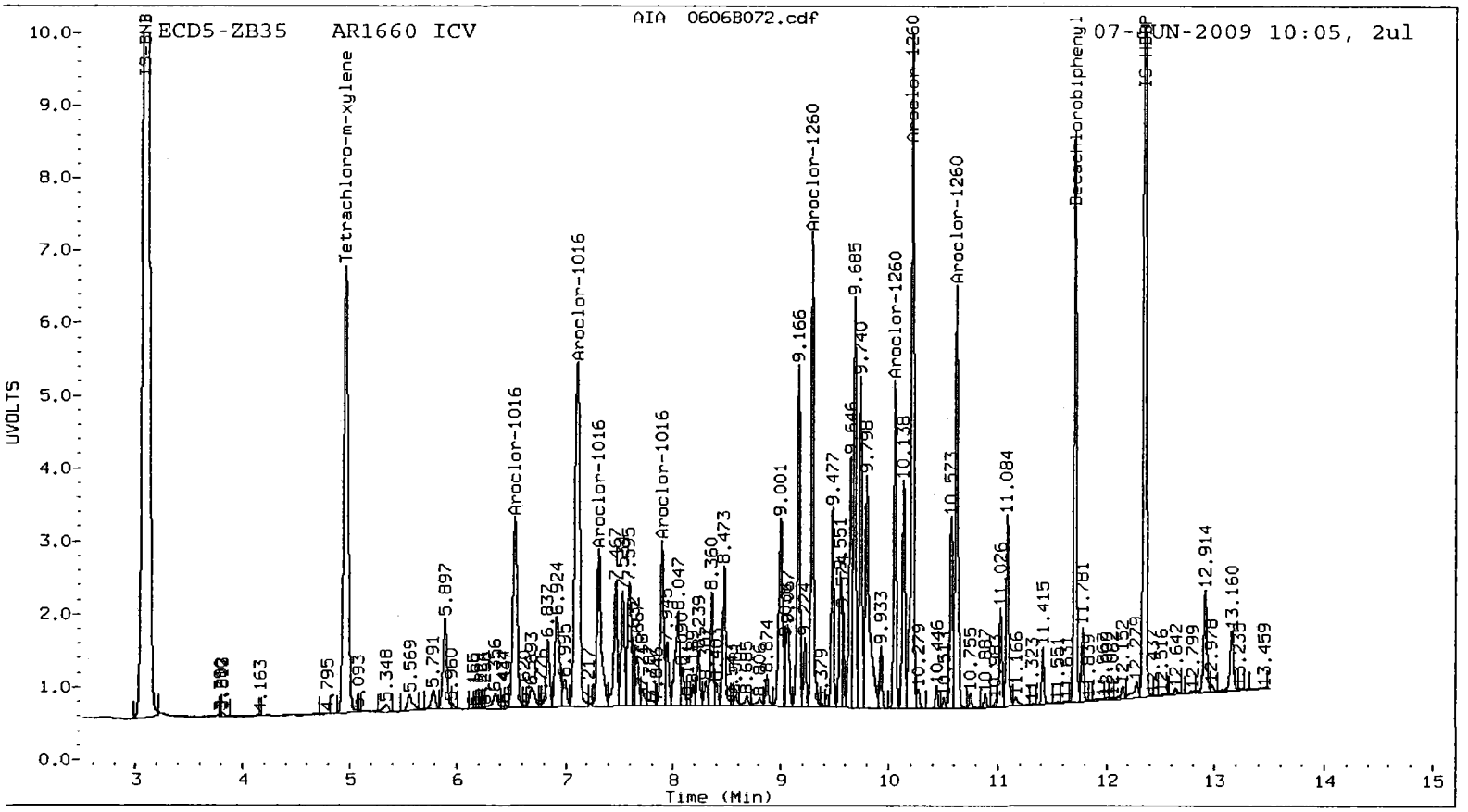
Time (Min)
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl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07-JUN-2009 10:05, 2ul
UVOLTS
Time (Min)
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B073.d
Data file 2: 20090606.B/ical-2.b/0606B073.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1242
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1242
Client ID:
Injection Date: 07-JUN-2009 10:22
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.394	0.001	9218423	4.966	-0.001	9879550	23.3	23.0	1.7	Tetrachloro-m-xylene
11.059	-0.001	7742000	11.708	0.000	6878210	21.5	20.9	2.8	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	58.4	57.4
Decachlorobiphenyl	53.7	52.2

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30167469	0.4
Hexabromobiphenyl	12924817	13147198	1.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33295484	0.1
Hexabromobiphenyl	11348053	11411072	0.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	ZB5 Col Shift	Area	Amount	Peak#	RT	ZB35 Col Shift	Area	Amount
Aroclor-1242	1	5.902	0.000	2218845	250.0	1	6.534	0.000	3604311	250.0
Aroclor-1242	2	6.276	0.000	7073298	250.0	2	7.113	0.000	7400611	250.0
Aroclor-1242	3	6.419	0.000	3082148	250.0	3	7.310	0.000	2823831	250.0
Aroclor-1242	4	7.511	0.000	2433882	250.0	4	8.188	0.000	1285226	250.0

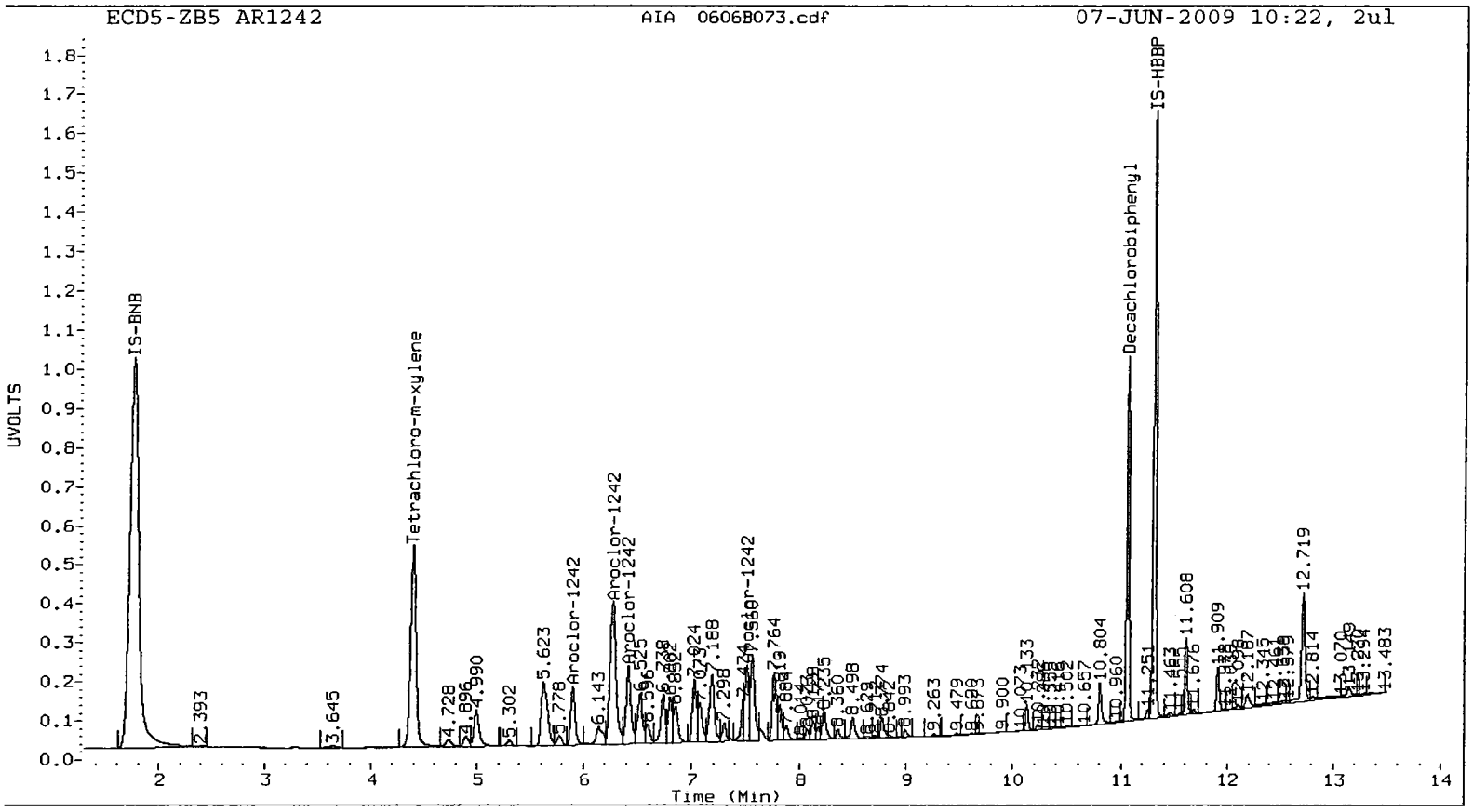
Total Col1Ave (4 peaks): 250.0 Total Col2Ave (4 peaks): 250.0 RPD = 0

Corrected Ave (3 peaks): 250.0 ✓ Corrected Ave (3 peaks): 250.0 ✓ RPD = 0

Total PCB Area Col1 (4.494 - 10.960) = 51422514 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 52889349 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical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Time (Min)
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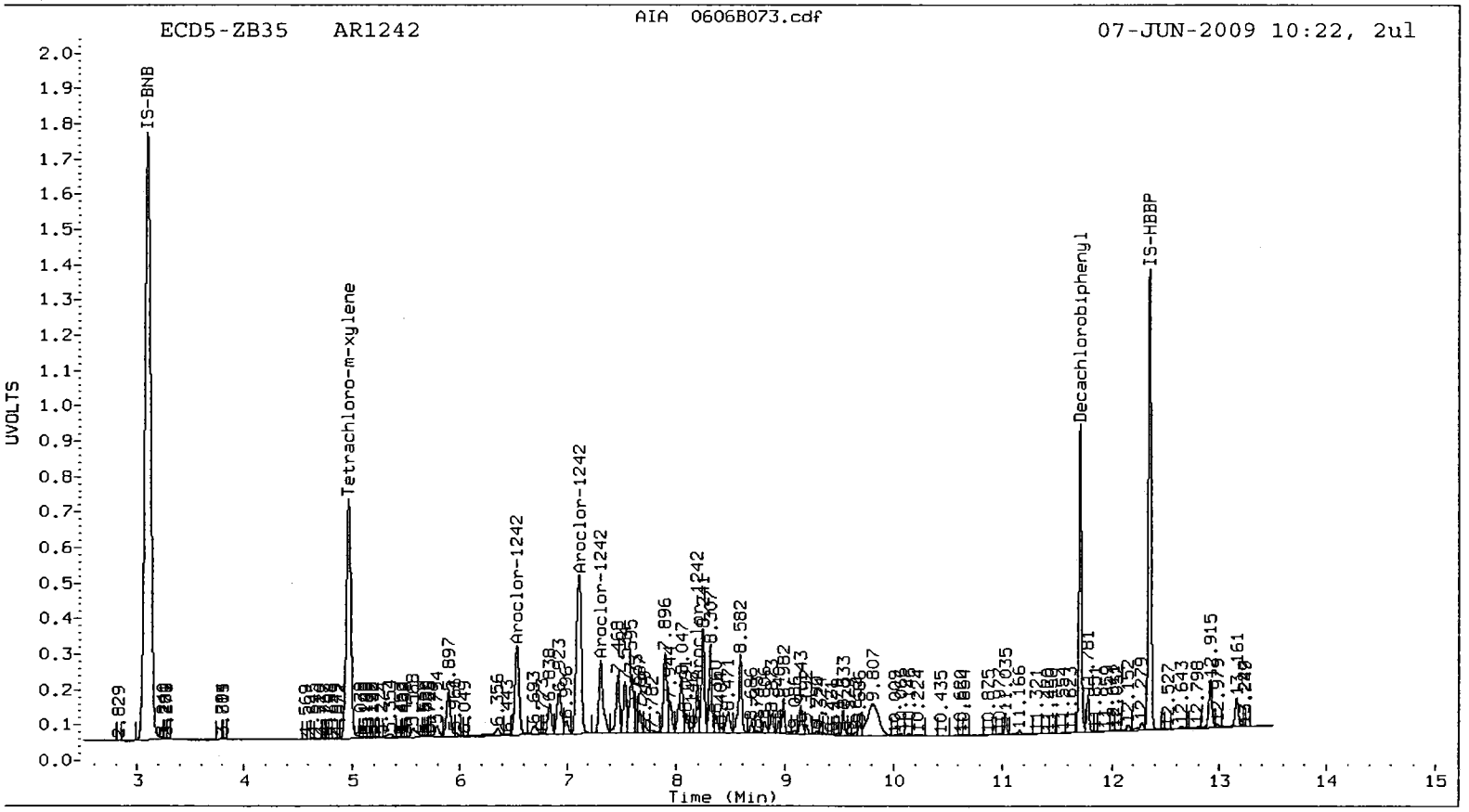
Tetrachloro-m-xylene
Aroclor-1242
Decachlorobiphenyl
IS-HBBP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Aroclor-1242
Decachlorobiphenyl
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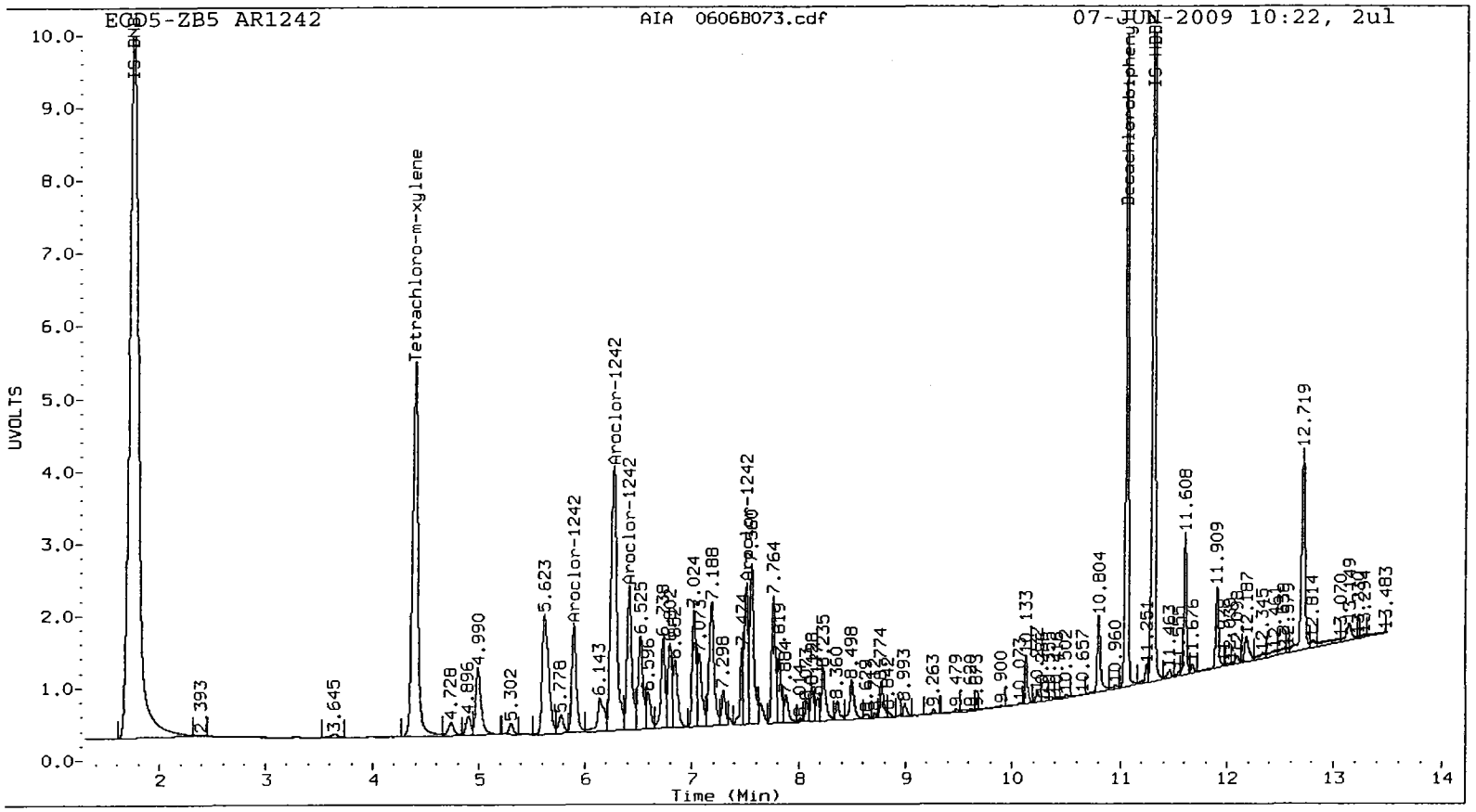
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Time (Min)
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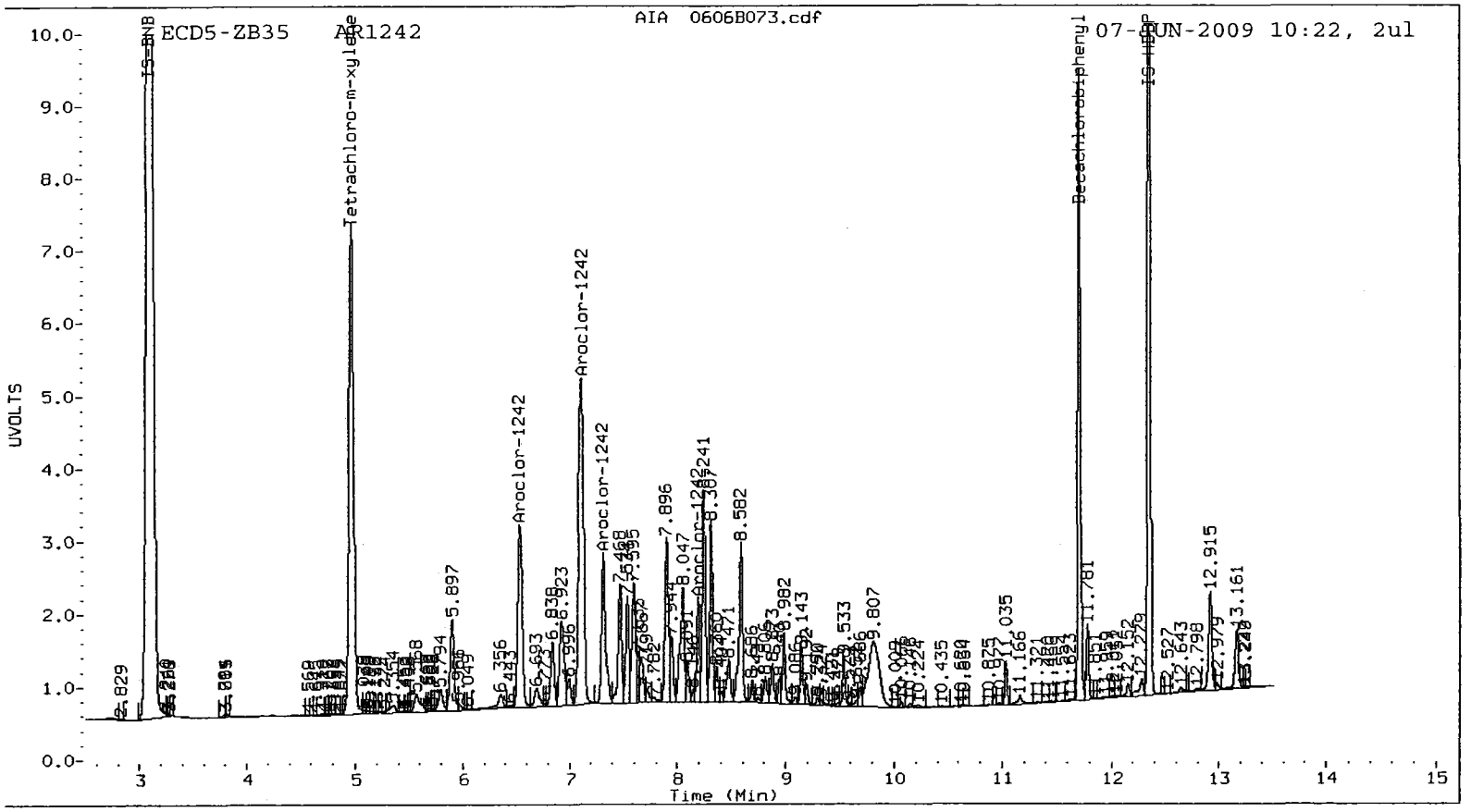
Tetrachloro-m-xylene
Aroclor-1242
Decachlorobiphenyl
IS-HBB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Tetrachloro-m-xylene
Aroclor-1242
Decachlorobiphenyl
IS-HBB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B074.d
Data file 2: 20090606.B/ical-2.b/0606B074.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1248
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1248
Client ID:
Injection Date: 07-JUN-2009 10:39
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	0.001	9329674	4.969	0.001	10376371	23.5	23.9	1.6	Tetrachloro-m-xylene
11.059	-0.001	7929996	11.707	0.000	7099260	21.9	21.5	1.9	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	58.8	59.8
Decachlorobiphenyl	54.8	53.8

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30307679	0.9
Hexabromobiphenyl	12924817	13195695	2.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33578987	0.9
Hexabromobiphenyl	11348053	11440312	0.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1248	1	6.273	0.000	4380440	250.0	1	7.107	0.000	4681496	250.0
Aroclor-1248	2	6.736	0.000	2866037	250.0	2	7.534	0.000	2693731	250.0
Aroclor-1248	3	7.024	0.000	3348118	250.0	3	7.896	0.000	3515330	250.0
Aroclor-1248	4	7.561	0.000	5361906	250.0	4	8.242	0.000	4567332	250.0

Total Col1Ave (4 peaks): 250.0 Total Col2Ave (4 peaks): 250.0 RPD = 0

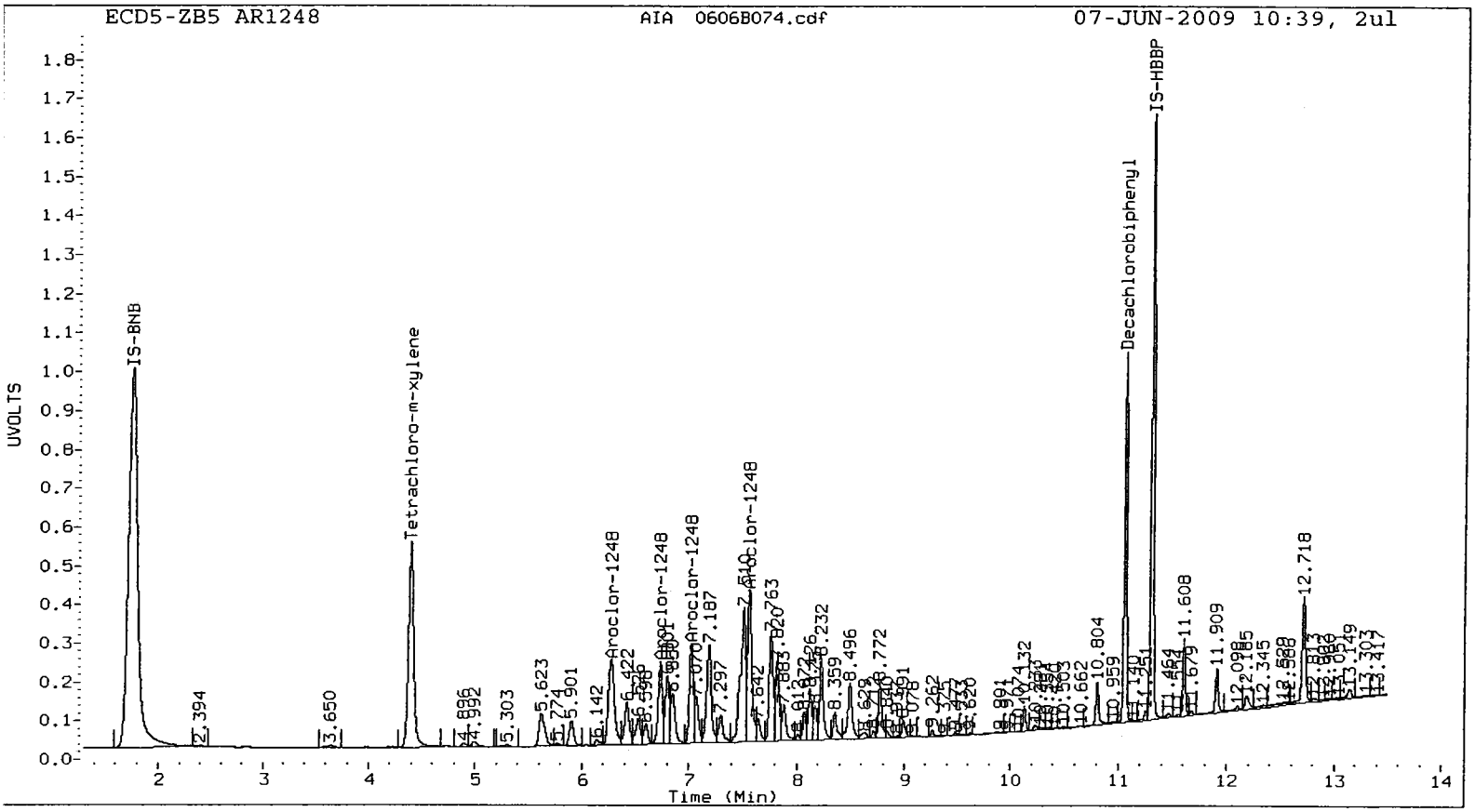
Corrected Ave (3 peaks): 250.0 ✓ Corrected Ave (3 peaks): 250.0 ✓ RPD = 0

Total PCB Area Col1 (4.494 - 10.960) = 61461258 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 61653792 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Time (Min)
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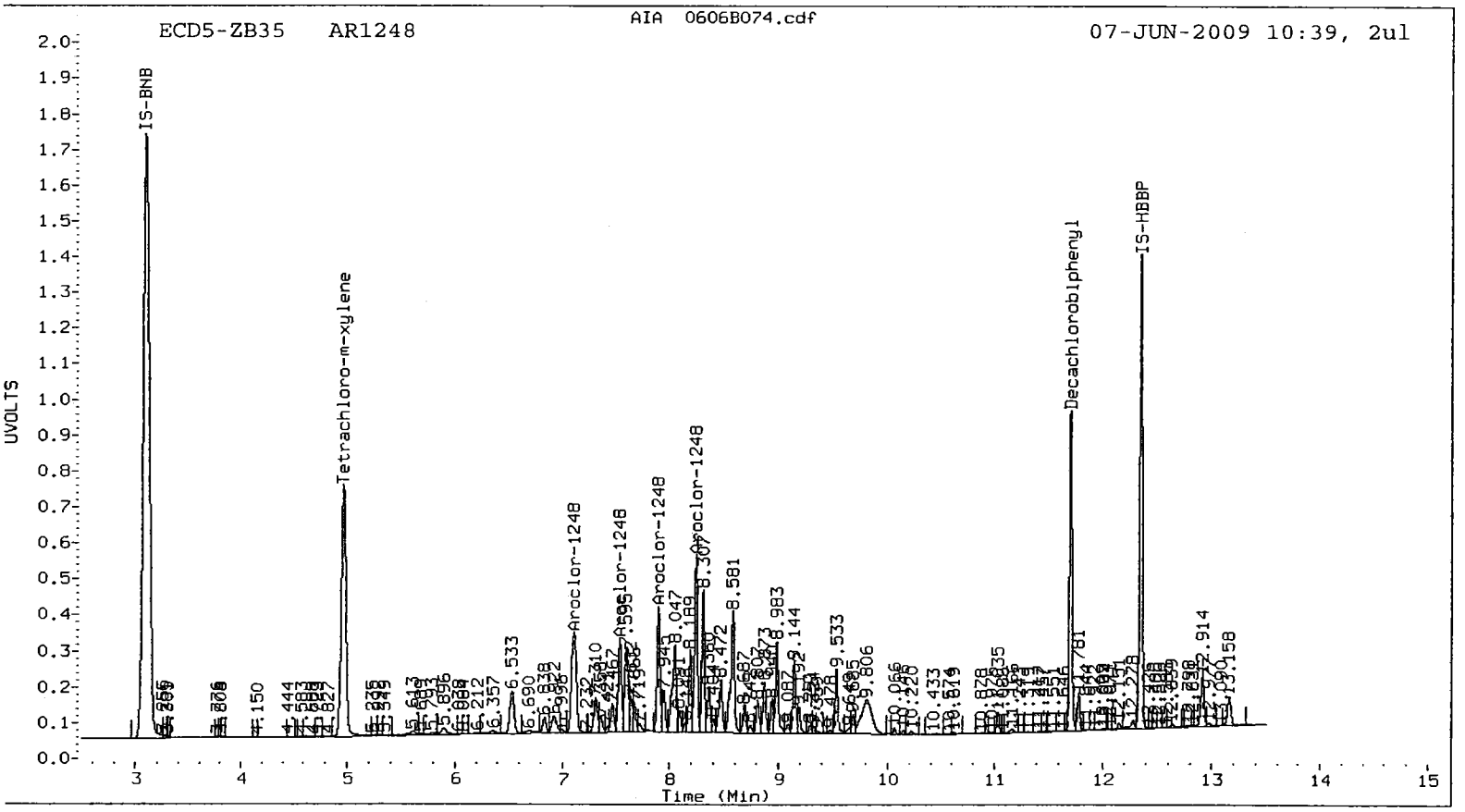
Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBBP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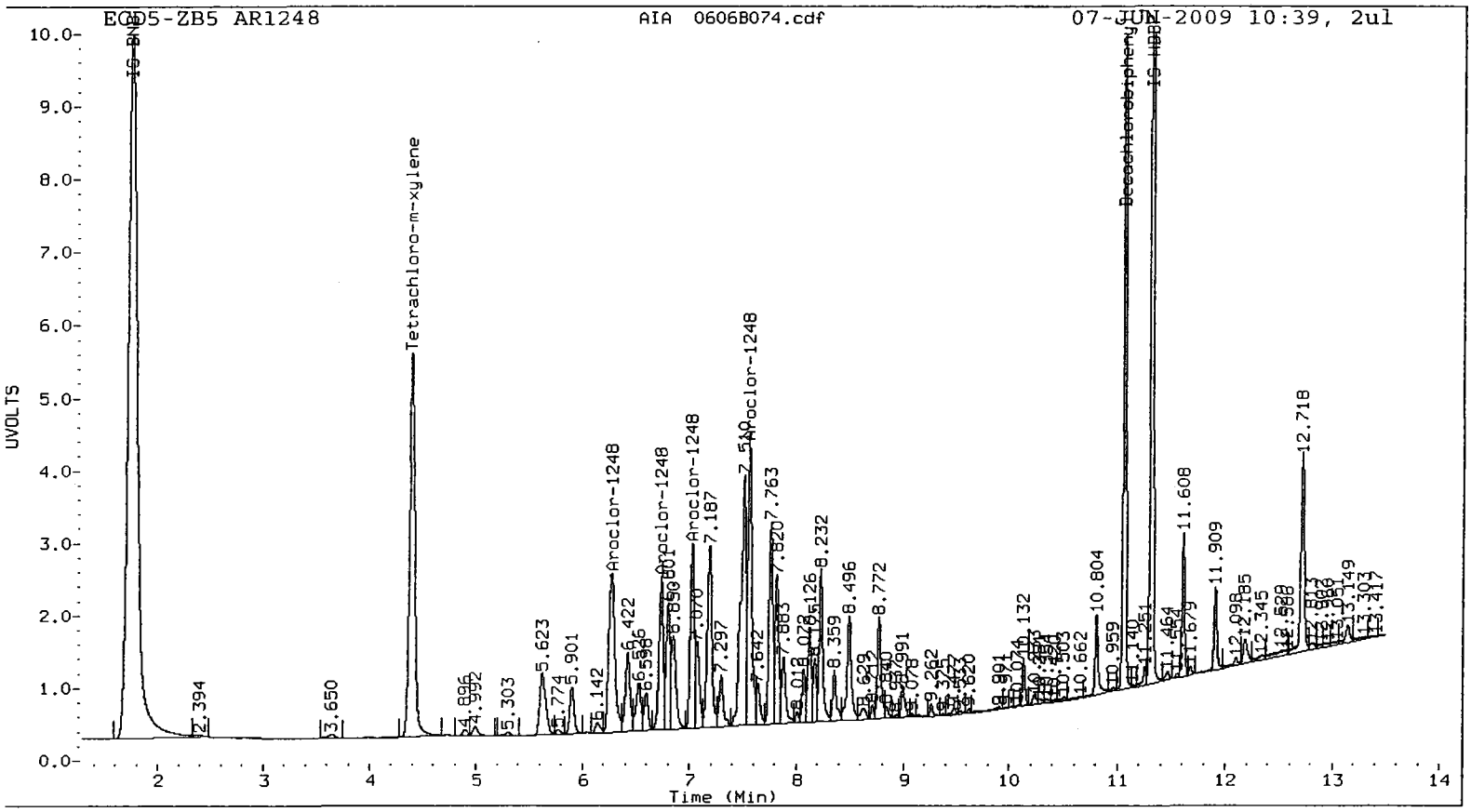
Aroclor-1248
Decachlorobiphenyl
IS-HBBP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Time (Min)
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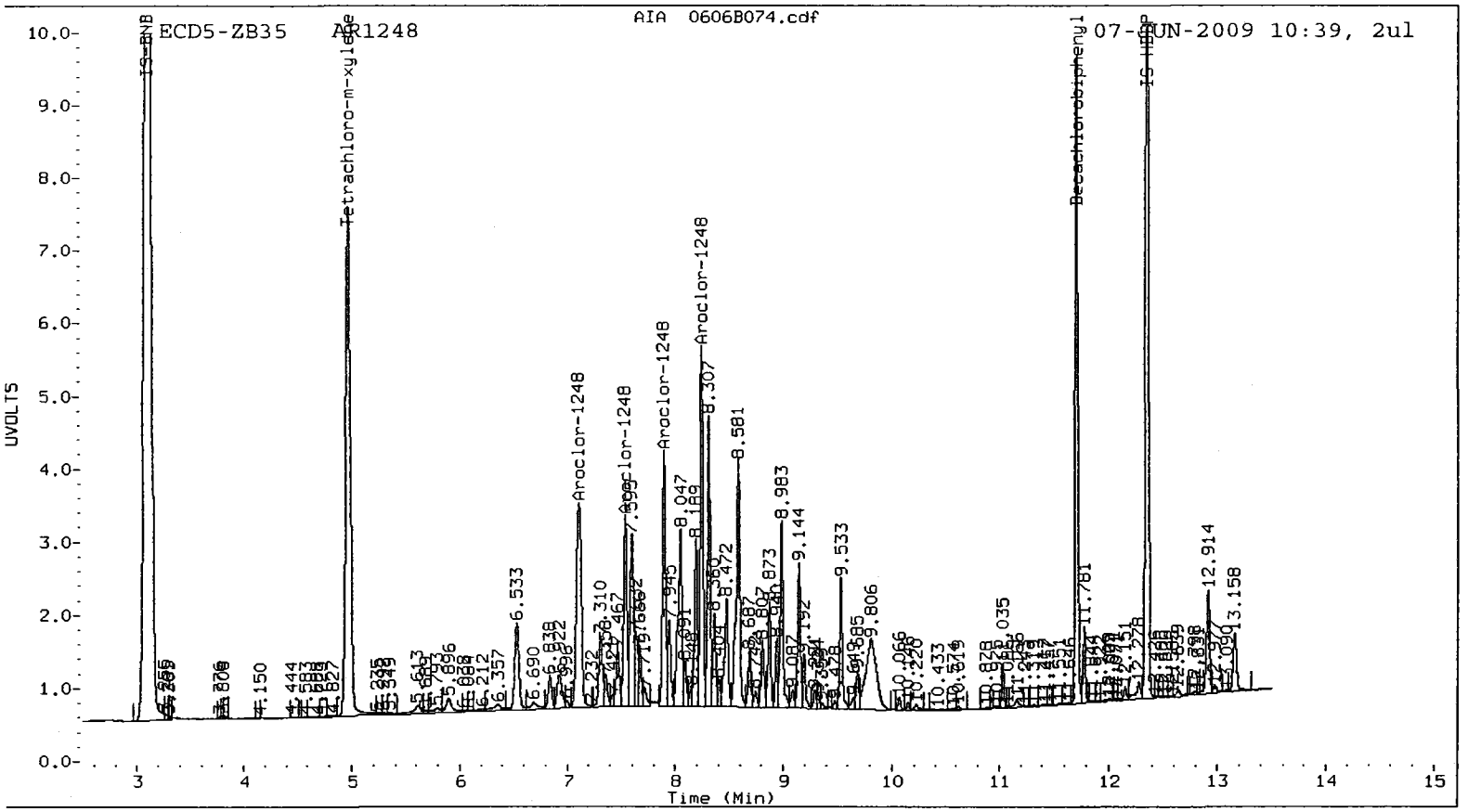
Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBB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UVOLTS
Time (Min)
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Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B075.d
Data file 2: 20090606.B/ical-2.b/0606B075.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1254
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1254
Client ID:
Injection Date: 07-JUN-2009 10:56
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.394	0.001	8363208	4.968	0.000	9156548	21.2	21.2	0.3	Tetrachloro-m-xylene
11.059	-0.001	7153046	11.707	0.000	6443509	19.7	19.4	1.7	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	53.0	52.9
Decachlorobiphenyl	49.3	48.4

JR 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30117529	0.3
Hexabromobiphenyl	12924817	13234814	2.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33481987	0.6
Hexabromobiphenyl	11348053	11520226	1.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

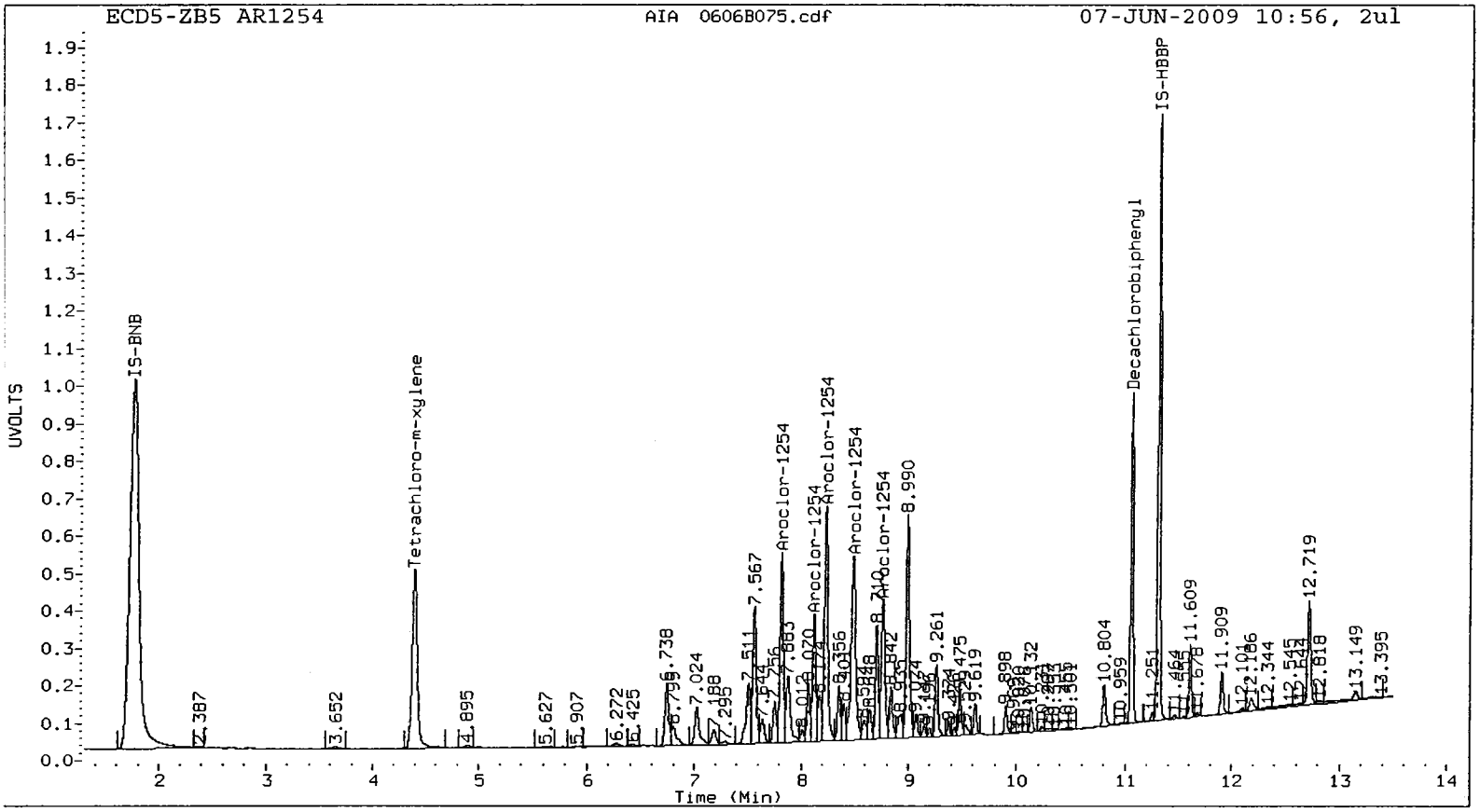
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1254	1	7.820	0.000	5883612	250.0	1	8.472	0.000	4834390	250.0
Aroclor-1254	2	8.125	0.000	3792406	250.0	2	8.873	0.000	3174589	250.0
Aroclor-1254	3	8.230	0.000	7190571	250.0	3	8.984	0.000	6363858	250.0
Aroclor-1254	4	8.492	0.000	7547806	250.0	4	9.144	0.000	7376838	250.0
Aroclor-1254	5	8.765	0.000	4544825	250.0	5	9.535	0.000	4327718	250.0
Total Col1Ave (5 peaks):					250.0	Total Col2Ave (5 peaks):				250.0 RPD = 0
Corrected Ave (4 peaks):					250.0	Corrected Ave (4 peaks):				250.0 RPD = 0

Total PCB Area Col1 (4.494 - 10.960) = 72917486 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 69813151 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Time (Min)
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Tetrachloro-m-xylene
Aroclor-1254
Decachlorobiphenyl
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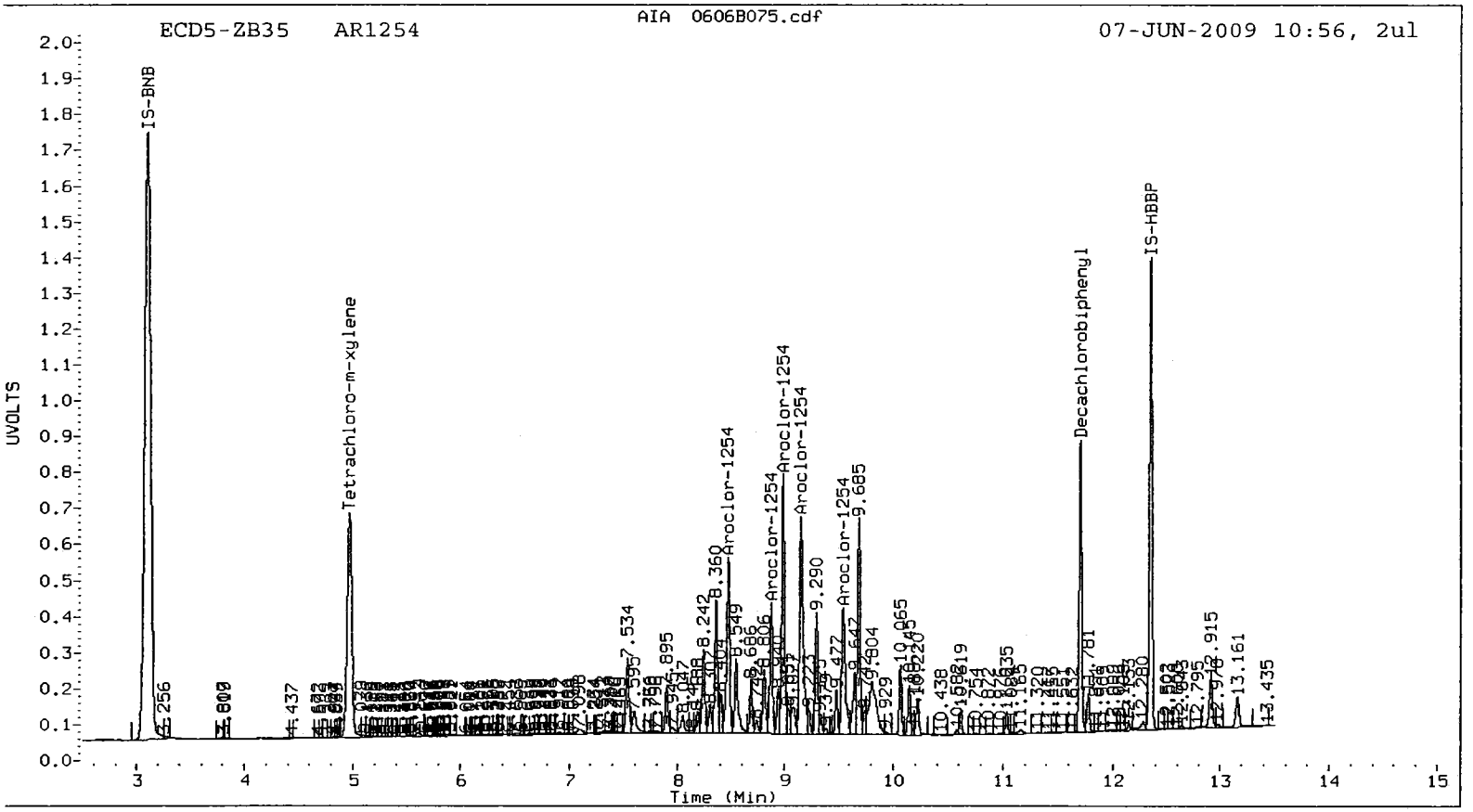
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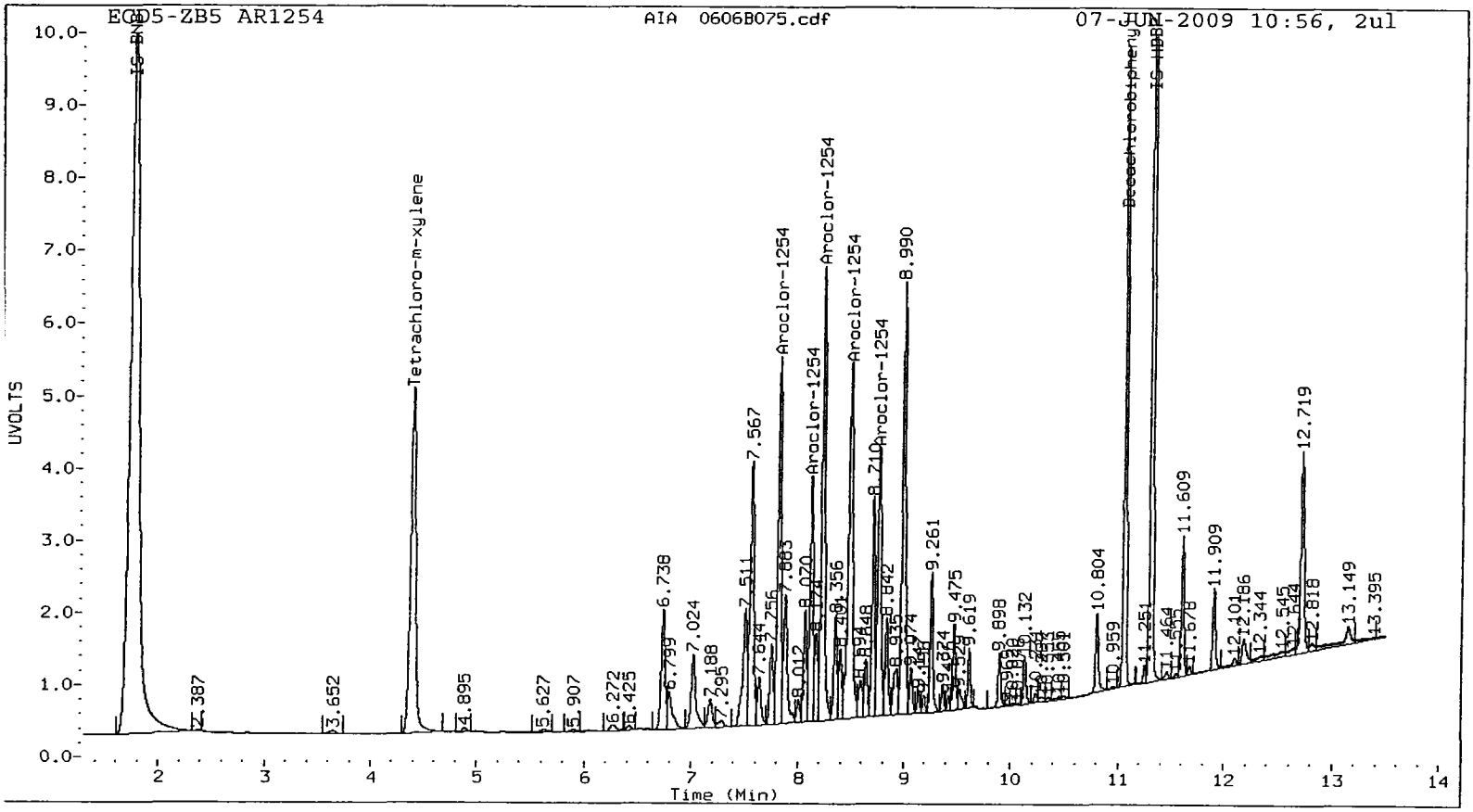
Aroclor-1254
Decachlorobiphenyl
IS-HBBP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Tetrachloro-m-xylene
Aroclor-1254
Decachlorobiphenyl
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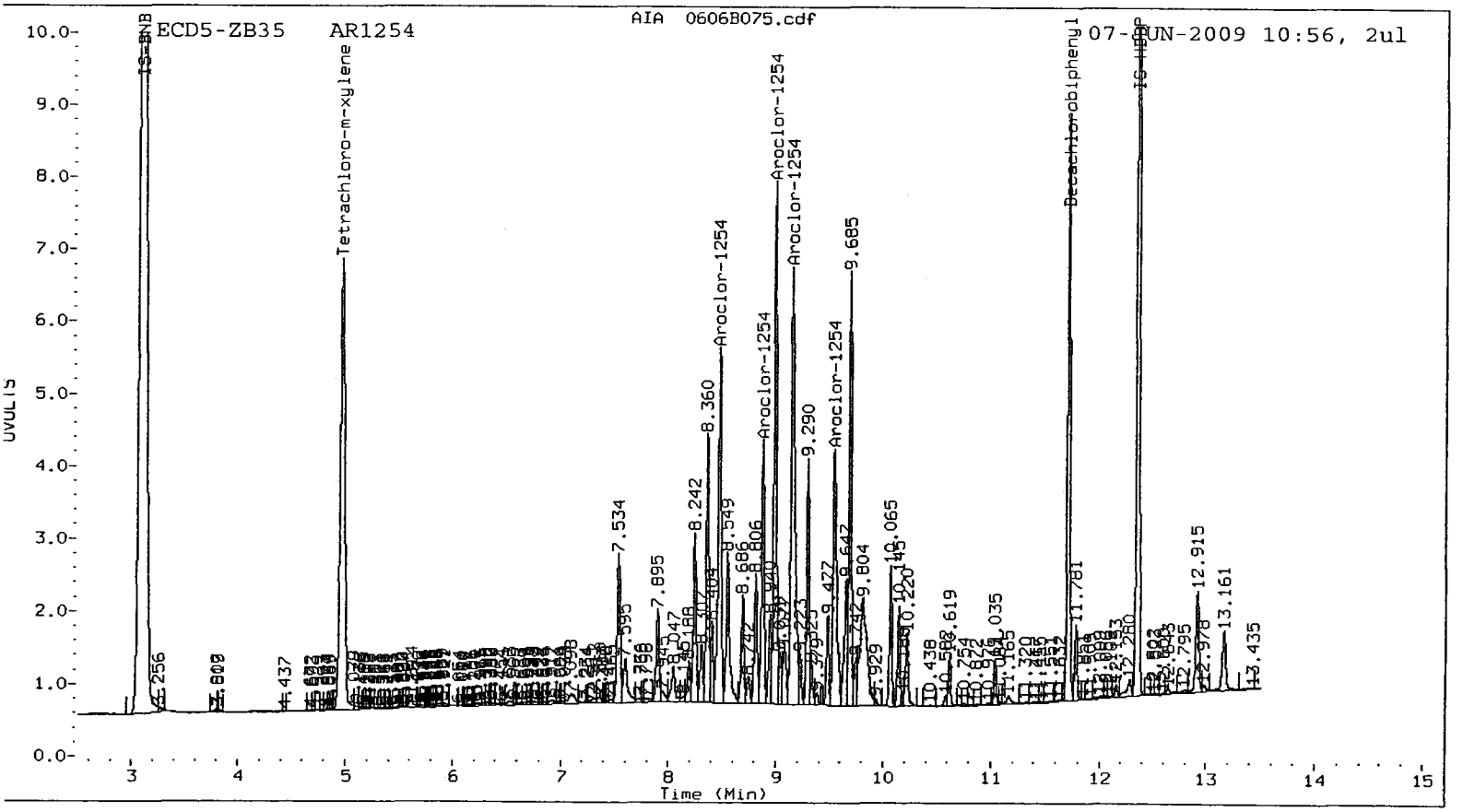
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07-JUN-2009 10:56, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1254
Decachlorobiphenyl
IS-HBBP

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B076.d
Data file 2: 20090606.B/ical-2.b/0606B076.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR2162
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR2162
Client ID:
Injection Date: 07-JUN-2009 11:13
Report Date: 06/08/2009 11:32
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	0.001	9611240	4.967	0.000	9601198	24.3	22.2	9.2	Tetrachloro-m-xylene
11.059	-0.001	7316875	11.707	0.000	6634665	20.4	20.2	1.1	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	60.9	55.5
Decachlorobiphenyl	51.0	50.4

JF 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30155380	0.4
Hexabromobiphenyl	12924817	13091416	1.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33453094	0.5
Hexabromobiphenyl	11348053	11405896	0.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

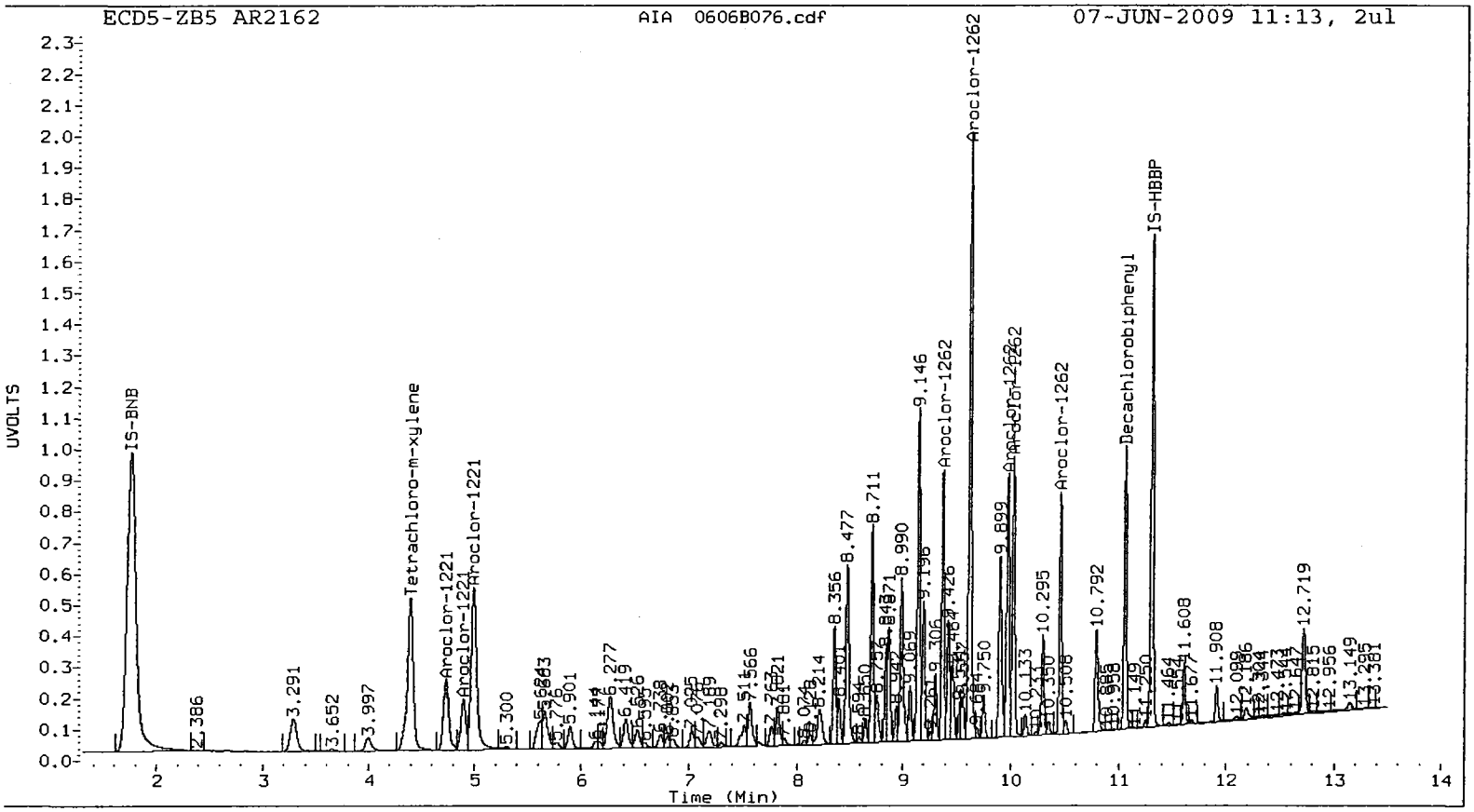
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1221	1	4.732	0.000	4107000	250.0	1	5.566	0.000	4866296	250.0
Aroclor-1221	2	4.895	0.000	2618542	250.0	2	5.791	0.000	2897629	250.0
Aroclor-1221	3	4.990	0.000	9878291	250.0	3	5.896	0.000	9579085	250.0
Aroclor-1221	NS	---			----	4	7.310	0.000	1515912	250.0
	Total Col1Ave (3 peaks):			250.0		Total Col2Ave (4 peaks):			250.0	RPD = 0
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			250.0	
Aroclor-1262	1	9.373	0.000	7041229	250.0	1	10.058	0.000	7217695	250.0
Aroclor-1262	2	9.619	0.000	16682932	250.0	2	10.218	0.000	17260943	250.0
Aroclor-1262	3	9.969	0.000	7133967	250.0	3	10.571	0.000	7224562	250.0
Aroclor-1262	4	10.020	0.000	7528085	250.0	4	10.619	0.000	10514841	250.0
Aroclor-1262	5	10.456	0.000	6106465	250.0	5	11.083	0.000	5818838	250.0
	Total Col1Ave (5 peaks):			250.0		Total Col2Ave (5 peaks):			250.0	RPD = 0
	Corrected Ave (4 peaks):			250.0		Corrected Ave (4 peaks):			250.0	RPD = 0

√ √

Total PCB Area Col1 (4.494 - 10.960) = 155007359 Col1 Total PCB = 0.7 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 152601495 Col2 Total PCB = 0.7 ppm*

* Quantitated against AR1660 0.25ppm in Ical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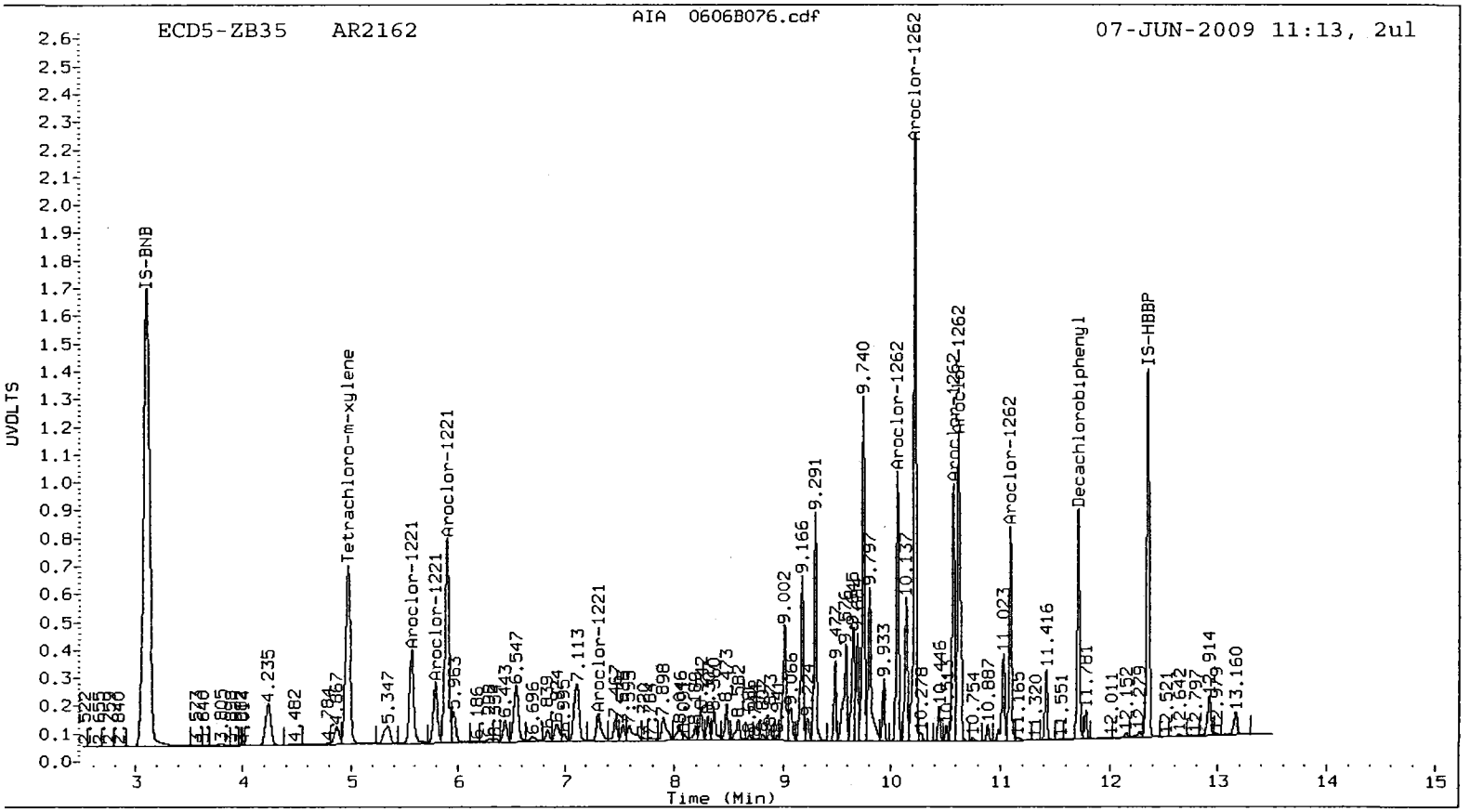
Decachlorobiphenyl
IS-HBBP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Time (Min)
IS-BNB
Tetrachloro-m-xylene
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Aroclor-1221
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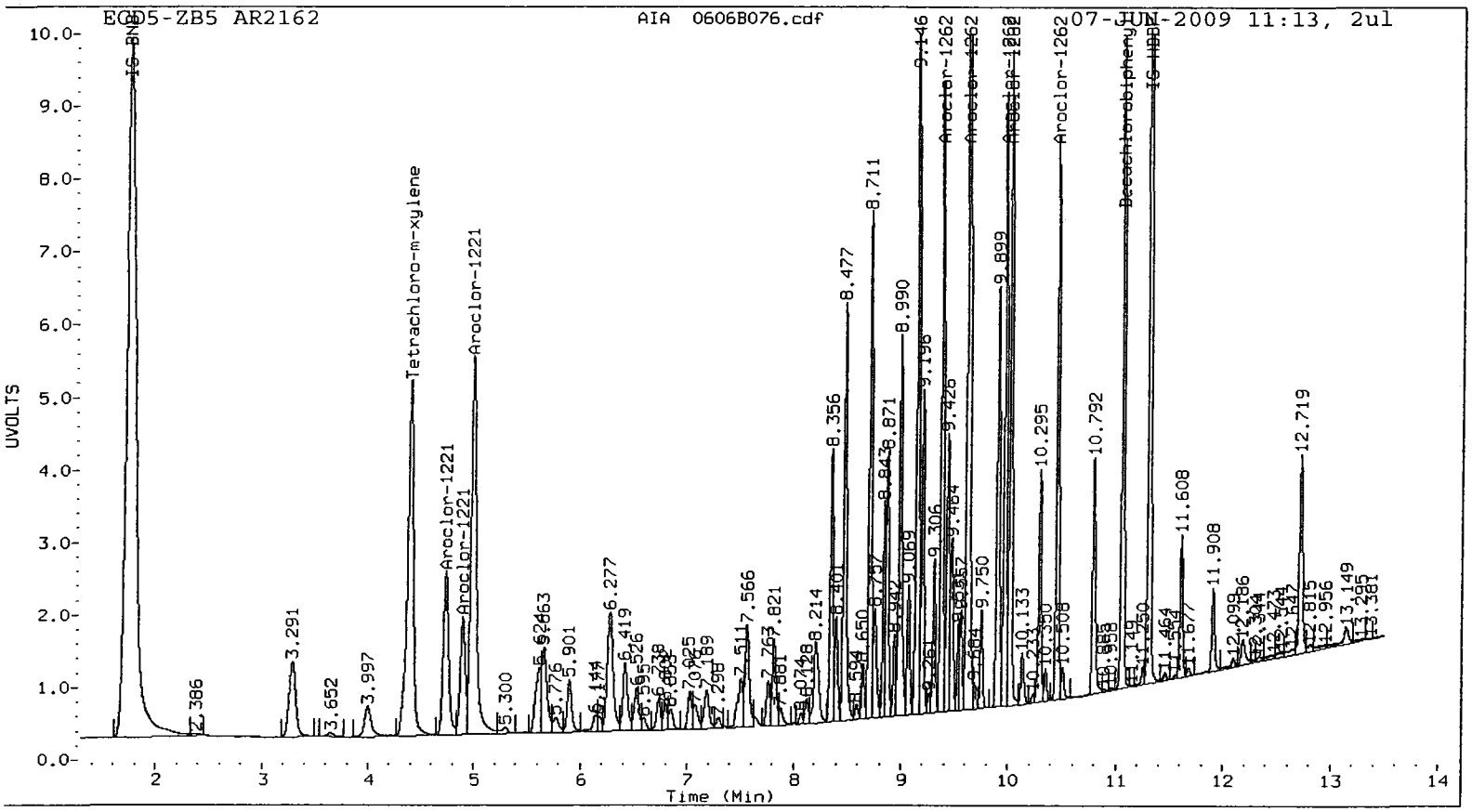
Aroclor-1262
Decachlorobiphenyl
IS-HBBP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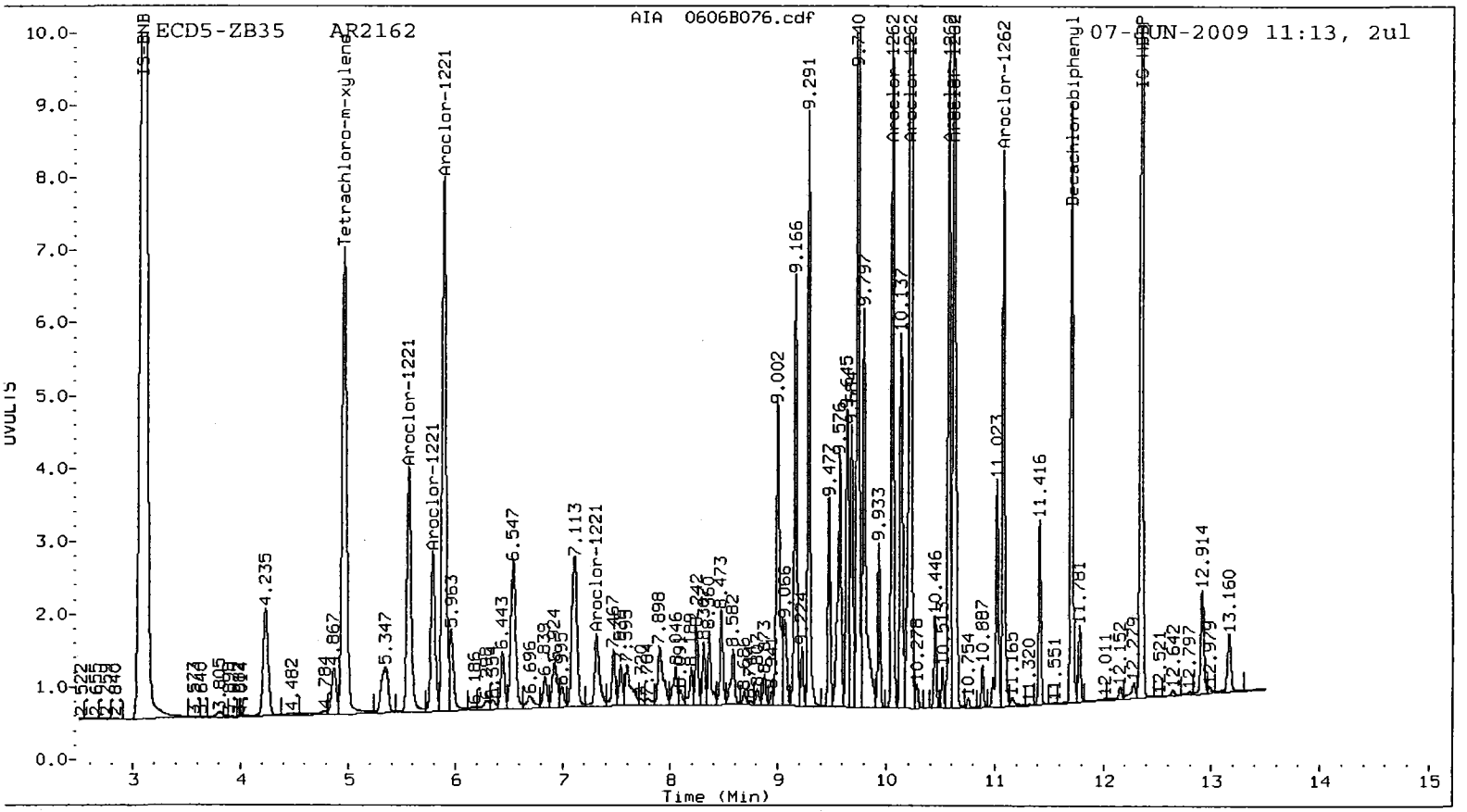
Decachlorobiphenyl
IS-HBB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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1262
Decachlorobiphenyl
IS-HBB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B077.d
Data file 2: 20090606.B/ical-2.b/0606B077.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR3268
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR3268
Client ID:
Injection Date: 07-JUN-2009 11:30
Report Date: 06/08/2009 11:32
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.394	0.000	8880991	4.967	0.000	9242570	22.0	21.0	5.0	Tetrachloro-m-xylene
11.060	0.000	12131467	11.708	0.000	10915159	33.1	32.6	1.6	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	55.1	52.4
Decachlorobiphenyl	82.8	81.5

JR 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30793809	2.5
Hexabromobiphenyl	12924817	13362803	3.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	34110441	2.5
Hexabromobiphenyl	11348053	11603540	2.3

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

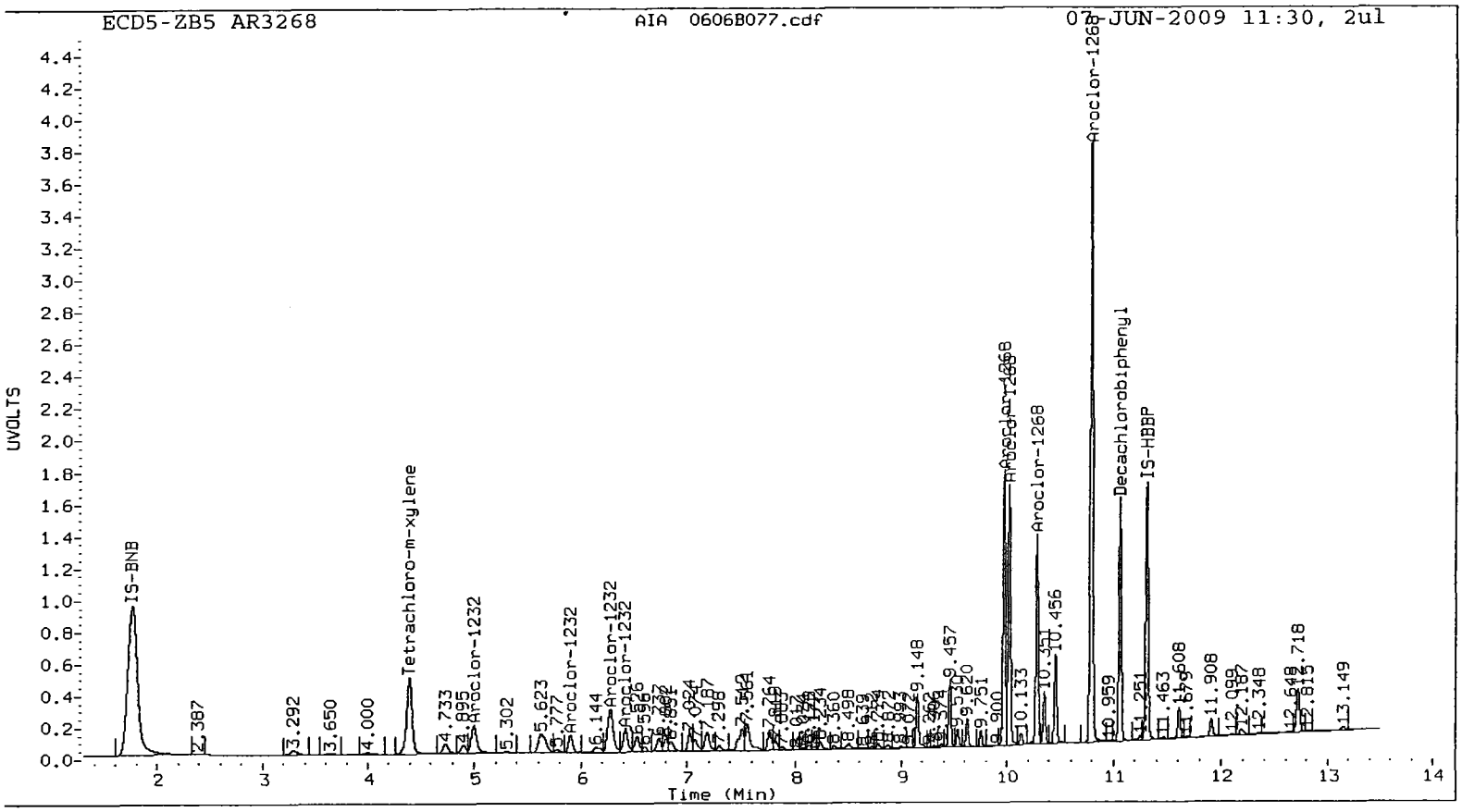
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1232	1	4.992	0.000	3437777	250.0	1	5.896	0.000	3180127	250.0
Aroclor-1232	2	5.902	0.000	1666162	250.0	2	6.535	0.000	2910885	250.0
Aroclor-1232	3	6.276	0.000	5336337	250.0	3	7.114	0.000	5609492	250.0
Aroclor-1232	4	6.420	0.000	2299095	250.0	4	7.310	0.000	2209478	250.0
Total Col1Ave (4 peaks):					250.0	Total Col2Ave (4 peaks):				250.0 RPD = 0
Corrected Ave (3 peaks):					250.0	Corrected Ave (3 peaks):				250.0 RPD = 0
Aroclor-1268	1	9.970	0.000	14112716	250.0	1	10.572	0.000	13472218	250.0
Aroclor-1268	2	10.019	0.000	13326131	250.0	2	10.618	0.000	12351776	250.0
Aroclor-1268	3	10.280	0.000	10665427	250.0	3	10.888	0.000	9568002	250.0
Aroclor-1268	4	10.791	0.000	30498213	250.0	4	11.416	0.000	27926034	250.0
Total Col1Ave (4 peaks):					250.0	Total Col2Ave (4 peaks):				250.0 RPD = 0
Corrected Ave (3 peaks):					250.0	Corrected Ave (3 peaks):				250.0 RPD = 0

✓ ✓

Total PCB Area Col1 (4.494 - 10.960) = 127739359 Col1 Total PCB = 0.6 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 125016784 Col2 Total PCB = 0.6 ppm*

* Quantitated against AR1660 0.25ppm in Ical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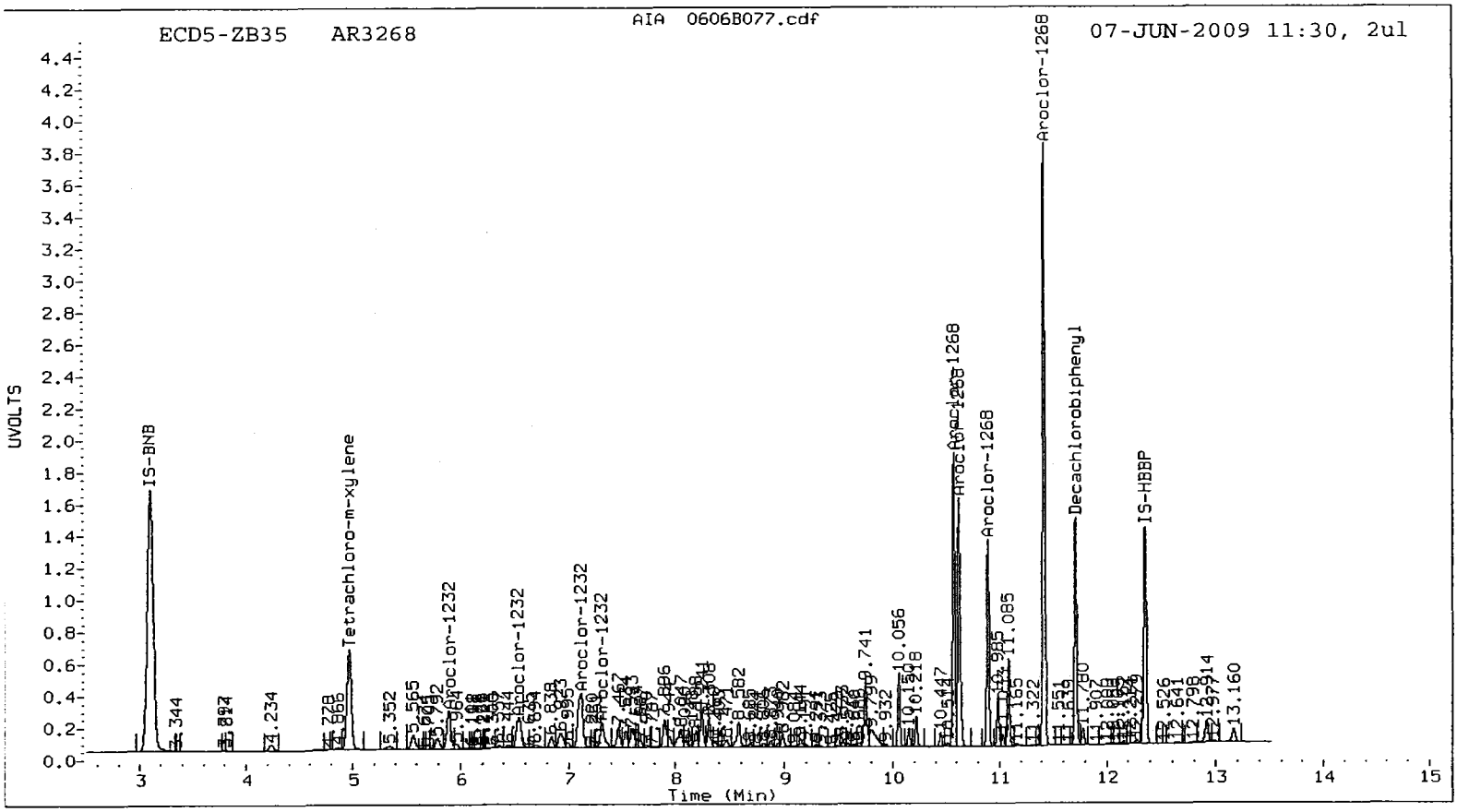
Aroclor-1232
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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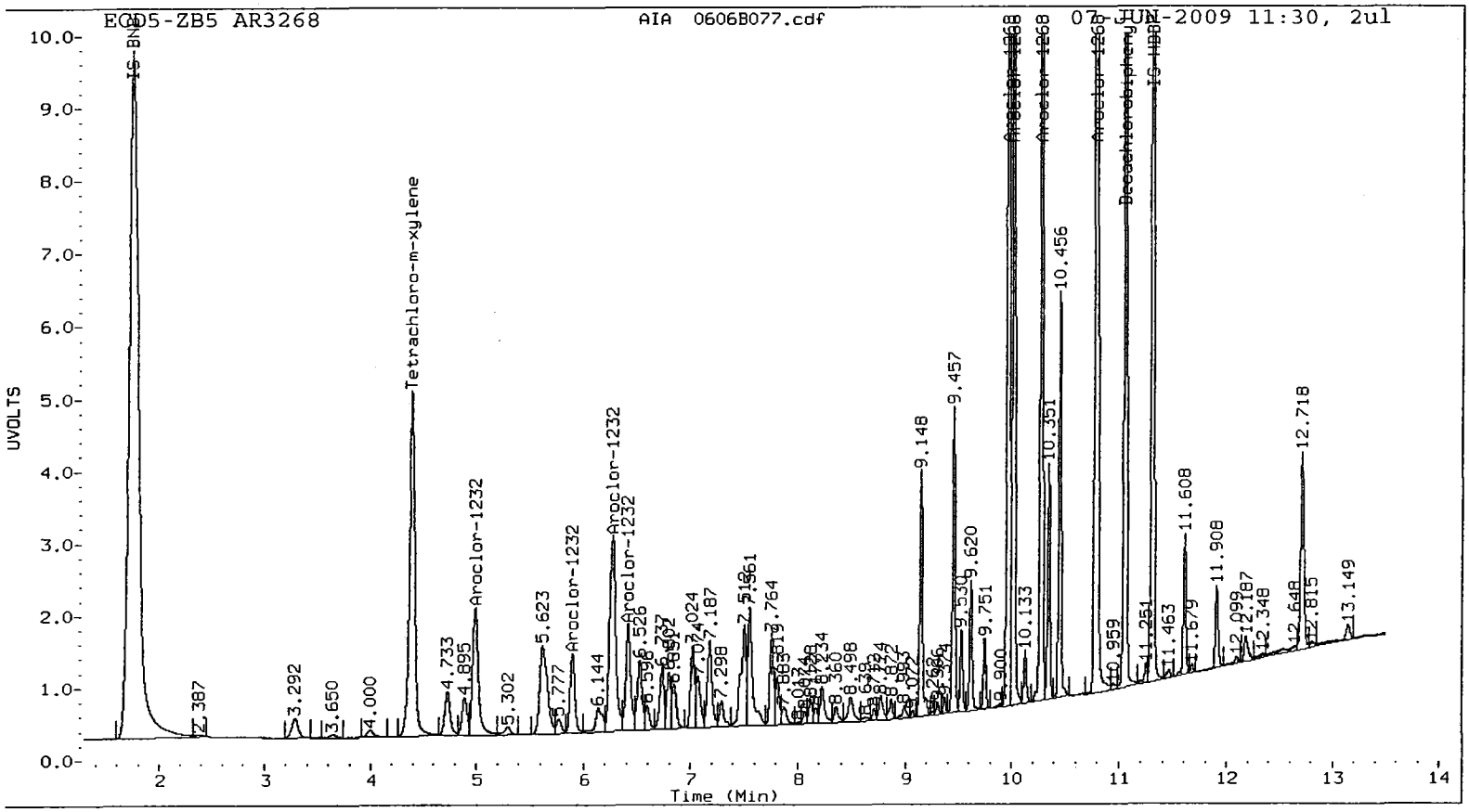
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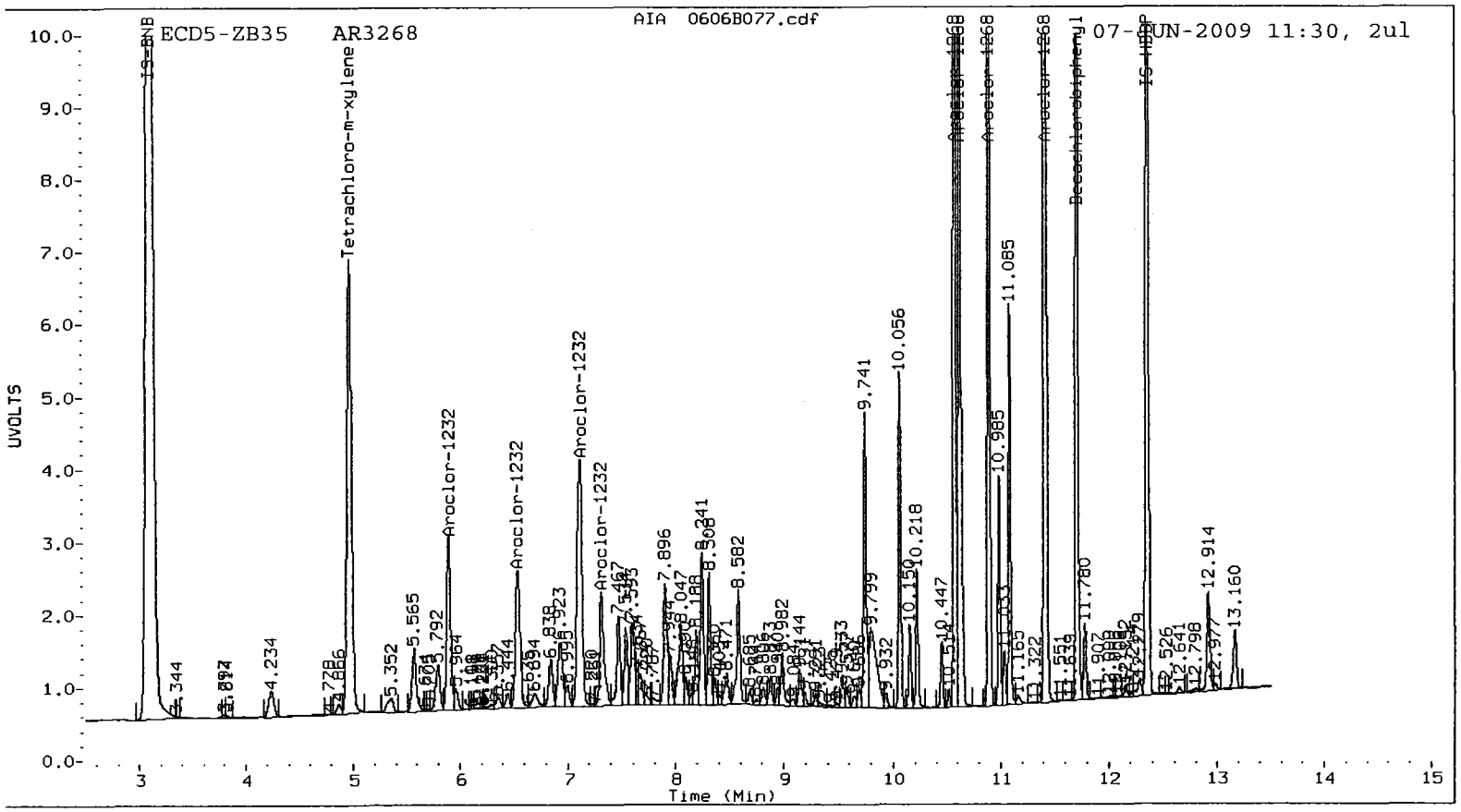
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Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1232
Aroclor-1268
Decachlorobiphenyl
IS-HBB

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1248 Time Analyzed :1351

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1248-1	6.27	6.17	6.37	263.7	250.0	5.5
Aroclor-1248-2	6.74	6.64	6.84	267.6	250.0	7.0
Aroclor-1248-3	7.02	6.92	7.12	266.6	250.0	6.6
Aroclor-1248-4	7.56	7.46	7.66	263.8	250.0	5.5

AVERAGE %D = 6.2

FORM VII PCB

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1248 Time Analyzed :1351

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1248-1	7.10	7.00	7.20	263.6	250.0	5.4
Aroclor-1248-2	7.53	7.43	7.63	271.3	250.0	8.5
Aroclor-1248-3	7.89	7.79	7.99	272.9	250.0	9.2
Aroclor-1248-4	8.24	8.14	8.34	280.1	250.0	12.0

AVERAGE %D = 8.8

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B009.d
Data file 2: 20090606.B/0613-2.b/0613B009.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1248
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1248
Client ID:
Injection Date: 13-JUN-2009 13:51
Report Date: 06/15/2009 14:04
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.003	8720751	4.963	-0.003	9404125	24.3	24.1	0.7	Tetrachloro-m-xylene
11.059	0.000	6799870	11.703	0.000	6554680	21.0	21.0	0.1	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	60.6	60.2
Decachlorobiphenyl	52.4	52.5

JA 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27469181	-8.5
Hexabromobiphenyl	12924817	11823184	-8.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	30193953	-9.3
Hexabromobiphenyl	11348053	10814332	-4.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

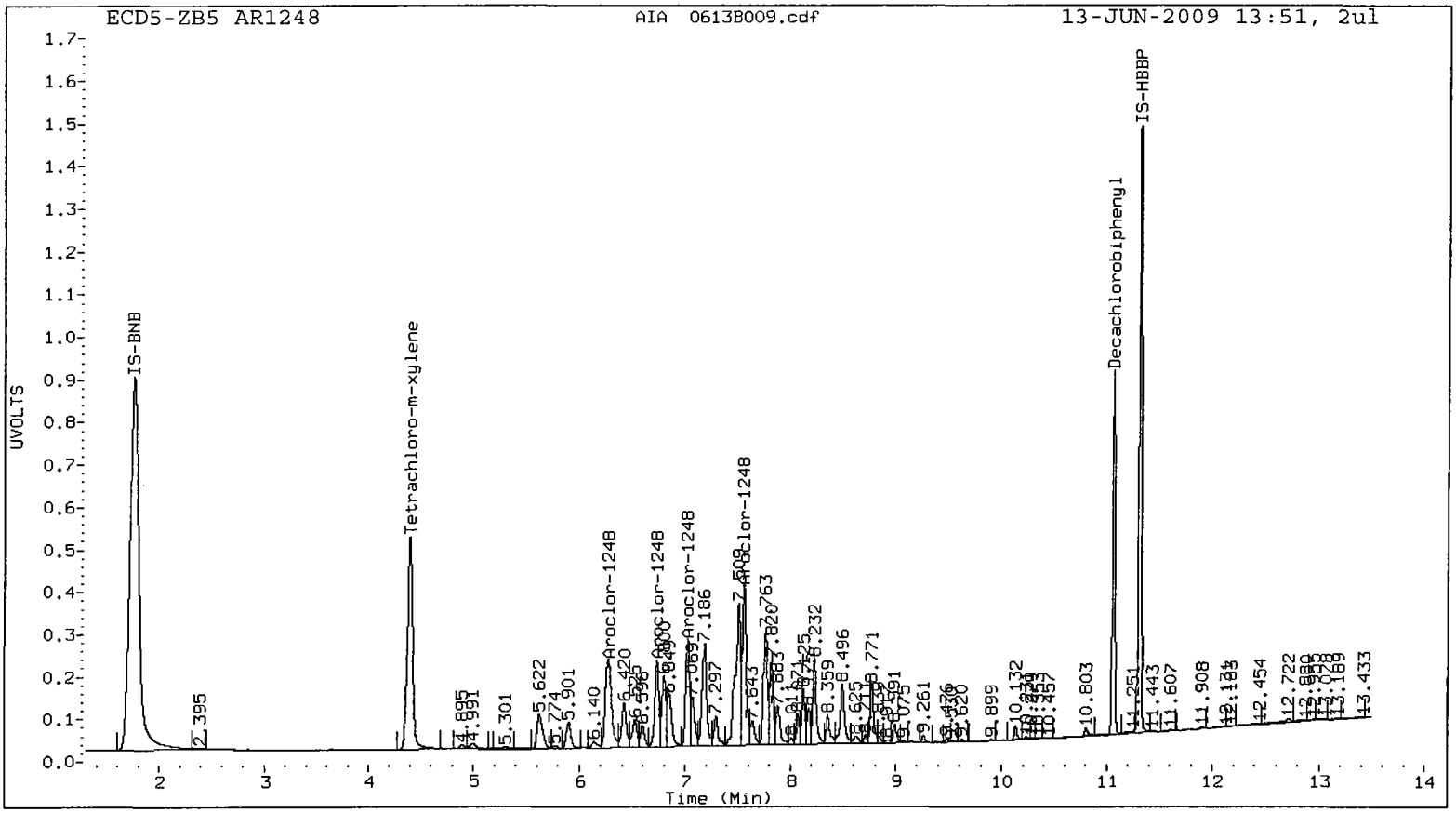
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1248	1	6.272	0.000	4188234	263.7	1	7.100	-0.006	4437837	263.6
Aroclor-1248	2	6.736	-0.002	2780378	267.6	2	7.530	-0.002	2628104	271.3
Aroclor-1248	3	7.023	-0.001	3236444	266.6	3	7.892	-0.001	3450884	272.9
Aroclor-1248	4	7.561	-0.006	5128668	263.8	4	8.238	-0.001	4602121	280.1
Total Col1Ave (4 peaks):					265.4	Total Col2Ave (4 peaks):				272.0 RPD = 2
Corrected Ave (3 peaks):					264.7	Corrected Ave (3 peaks):				269.2 RPD = 2

Total PCB Area Col1 (4.498 - 10.960) = 58603693 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 58072492 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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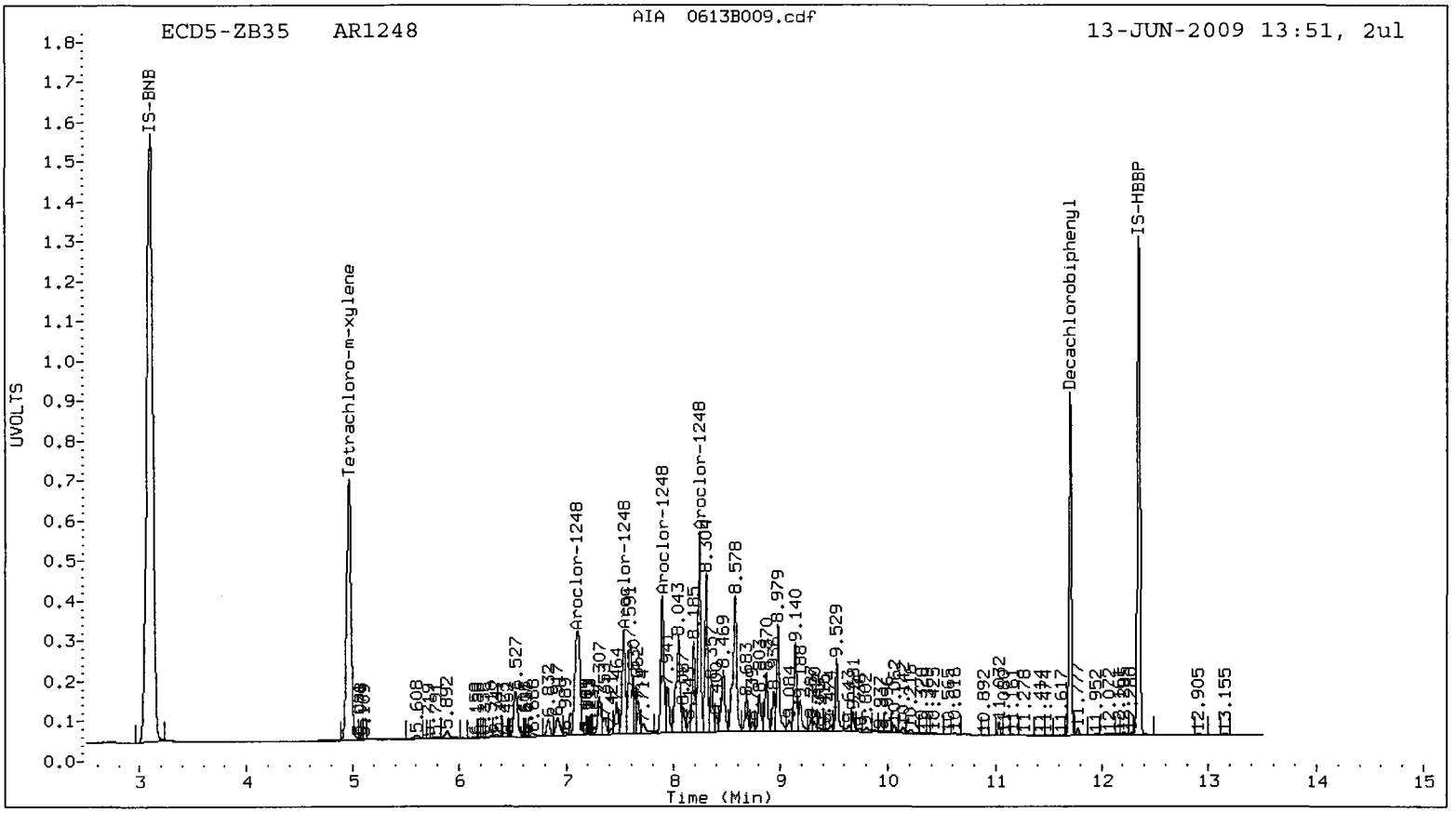
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBBP

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1408

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	5.90	5.80	6.00	272.3	250.0	8.9
Aroclor-1016-2	6.28	6.18	6.38	260.0	250.0	4.0
Aroclor-1016-3	6.42	6.32	6.52	264.7	250.0	5.9
Aroclor-1016-4	6.52	6.43	6.63	278.9	250.0	11.6

AVERAGE %D = 7.6

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1408

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.15	9.05	9.25	257.1	250.0	2.8
Aroclor-1260-2	9.37	9.27	9.47	258.9	250.0	3.5
Aroclor-1260-3	9.62	9.52	9.72	253.4	250.0	1.4
Aroclor-1260-4	9.90	9.80	10.00	251.3	250.0	0.5
Aroclor-1260-5	10.02	9.92	10.12	257.2	250.0	2.9

AVERAGE %D = 2.2

FORM VII PCB

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1408

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	6.53	6.43	6.63	257.9	250.0	3.2
Aroclor-1016-2	7.11	7.01	7.21	255.7	250.0	2.3
Aroclor-1016-3	7.31	7.20	7.40	246.4	250.0	-1.4
Aroclor-1016-4	7.89	7.79	7.99	262.2	250.0	4.9

AVERAGE %D = 3.0

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1408

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.29	9.19	9.39	286.9	250.0	14.8
Aroclor-1260-2	10.06	9.95	10.15	260.3	250.0	4.1
Aroclor-1260-3	10.22	10.11	10.31	270.7	250.0	8.3
Aroclor-1260-4	10.62	10.51	10.71	251.6	250.0	0.6

AVERAGE %D = 7.0

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B010.d
Data file 2: 20090606.B/0613-2.b/0613B010.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660
Client ID:
Injection Date: 13-JUN-2009 14:08
Report Date: 06/15/2009 14:04
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.004	8027571	4.963	-0.004	8306956	20.9	19.8	5.5	Tetrachloro-m-xylene
11.060	0.000	6118420	11.704	0.001	5932680	17.5	17.9	2.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	52.3	49.6
Decachlorobiphenyl	43.6	44.6

JR 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29288306	-2.5
Hexabromobiphenyl	12924817	12783730	-1.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32412879	-2.6
Hexabromobiphenyl	11348053	11514424	1.5

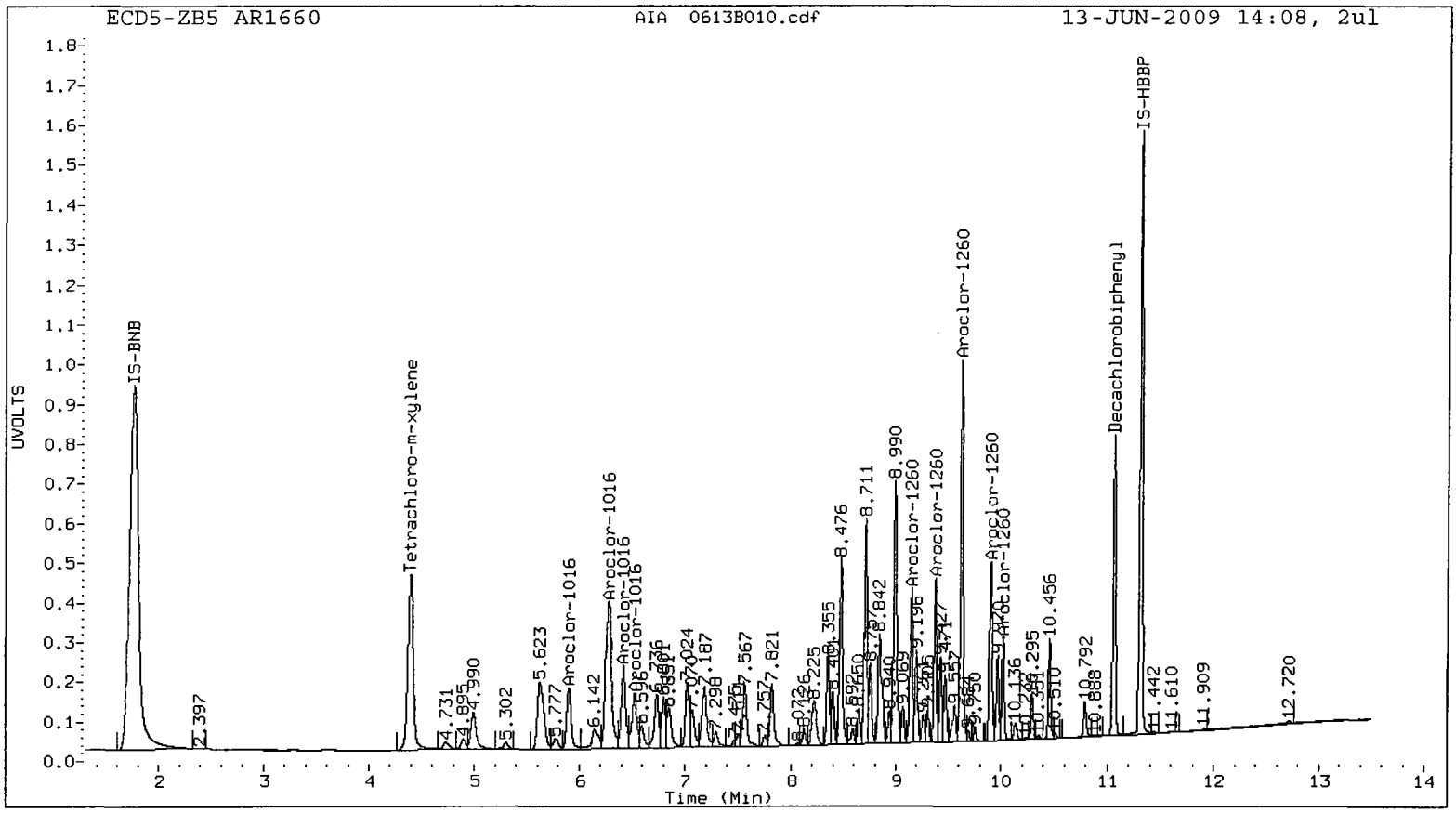
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.901	0.000	2412175	272.3	1	6.529	0.001	3809342	257.9
Aroclor-1016	2	6.275	0.000	7414416	260.0	2	7.110	0.002	7894041	255.7
Aroclor-1016	3	6.419	0.000	3223647	264.7	3	7.305	0.001	2968283	246.4
Aroclor-1016	4	6.525	5.525	2175786	278.9	4	7.892	0.000	2410034	262.2
Total Col1Ave (4 peaks):					269.0	Total Col2Ave (4 peaks):				255.6 RPD = 5
Corrected Ave (3 peaks):					265.6	Corrected Ave (3 peaks):				253.4 RPD = 5
Aroclor-1260	1	9.147	0.001	3528898	257.1	1	9.288	0.000	6207211	286.9
Aroclor-1260	2	9.373	0.000	3370951	258.9	2	10.056	0.001	3650324	260.3
Aroclor-1260	3	9.619	0.000	8387267	253.4	3	10.216	0.001	9752662	270.7
Aroclor-1260	4	9.899	0.001	4314339	251.3	4	10.615	0.001	5384011	251.6
Aroclor-1260	5	10.020	0.000	2154075	257.2	NS	---			----
Total Col1Ave (5 peaks):					255.6	Total Col2Ave (4 peaks):				267.4 RPD = 5
Corrected Ave (4 peaks):					254.8	Corrected Ave (3 peaks):				260.8 RPD = 2

Total PCB Area Col1 (4.498 - 10.960) = 108025898 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 106324400 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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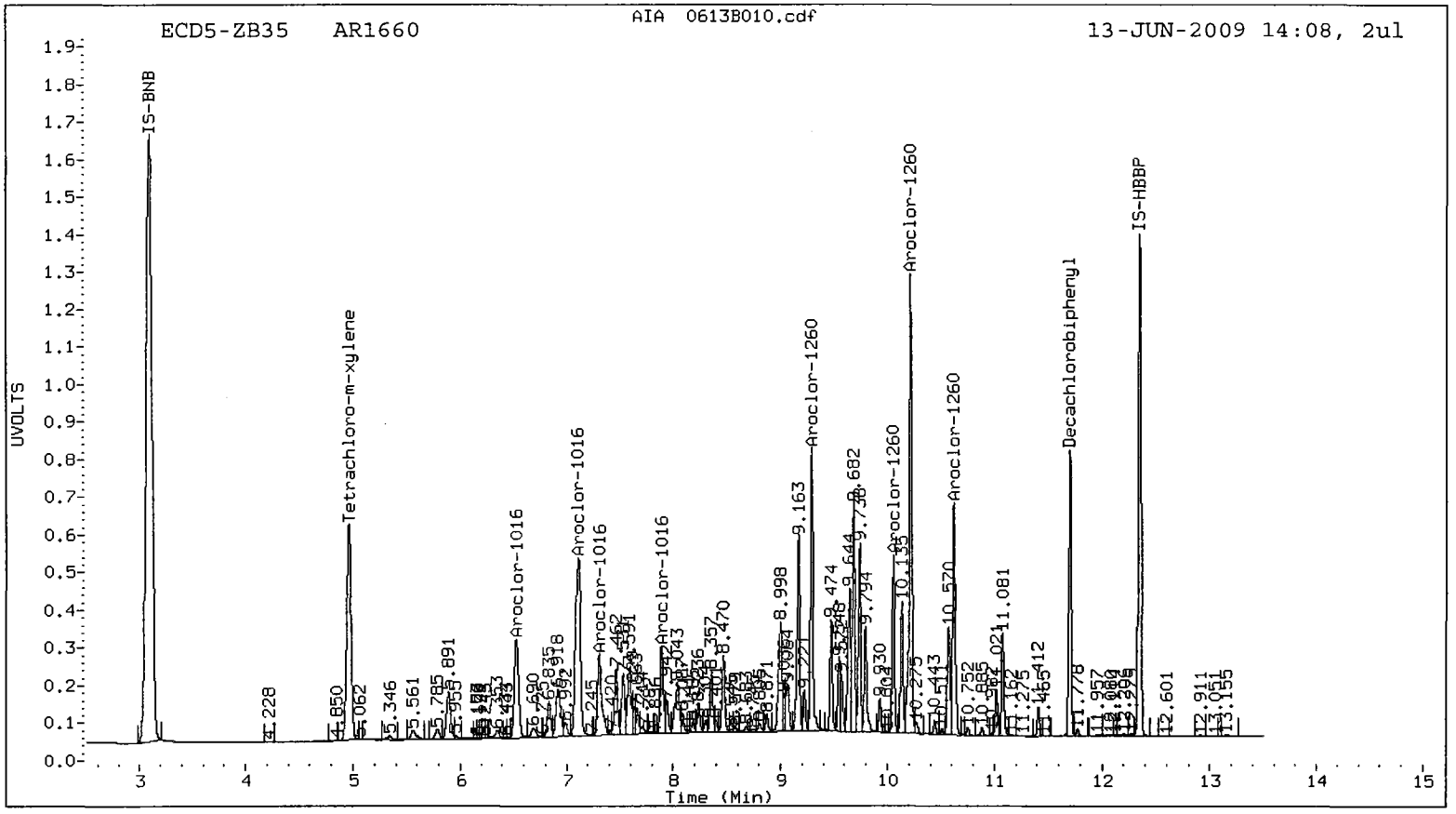
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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UVOLTS
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Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1242 Time Analyzed :1643

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1242-1	5.90	5.80	6.00	235.7	250.0	-5.7
Aroclor-1242-2	6.27	6.18	6.38	223.8	250.0	-10.5
Aroclor-1242-3	6.42	6.32	6.52	220.9	250.0	-11.6
Aroclor-1242-4	7.51	7.41	7.61	195.8	250.0	-21.7

AVERAGE %D = 12.4

FORM VII PCB

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1242 Time Analyzed :1643

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1242-1	6.53	6.43	6.63	215.8	250.0	-13.7
Aroclor-1242-2	7.11	7.01	7.21	218.8	250.0	-12.5
Aroclor-1242-3	7.31	7.21	7.41	212.4	250.0	-15.0
Aroclor-1242-4	8.19	8.09	8.29	214.4	250.0	-14.2

AVERAGE %D = 13.9

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B019.d
Data file 2: 20090606.B/0613-2.b/0613B019.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1242
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1242
Client ID:
Injection Date: 13-JUN-2009 16:43
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.396	-0.002	8359198	4.966	0.000	8783423	23.1	21.8	6.0	Tetrachloro-m-xylene
11.059	-0.001	5134416	11.703	0.000	6104607	19.7	20.6	4.6	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	57.8	54.5
Decachlorobiphenyl	49.3	51.6

pc 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27602238	-8.1
Hexabromobiphenyl	12924817	9504108	-26.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31181491	-6.3
Hexabromobiphenyl	11348053	10253050	-9.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1242	1	5.901	-0.002	1913716	235.7	1	6.531	0.000	2914174	215.8
Aroclor-1242	2	6.275	-0.002	5793945	223.8	2	7.108	-0.002	6066250	218.8
Aroclor-1242	3	6.419	-0.002	2491576	220.9	3	7.309	0.003	2246281	212.4
Aroclor-1242	4	7.510	-0.001	1744030	195.8	4	8.186	0.001	1032134	214.4

Total Col1Ave (4 peaks): 219.0 Total Col2Ave (4 peaks): 215.3 RPD = 2

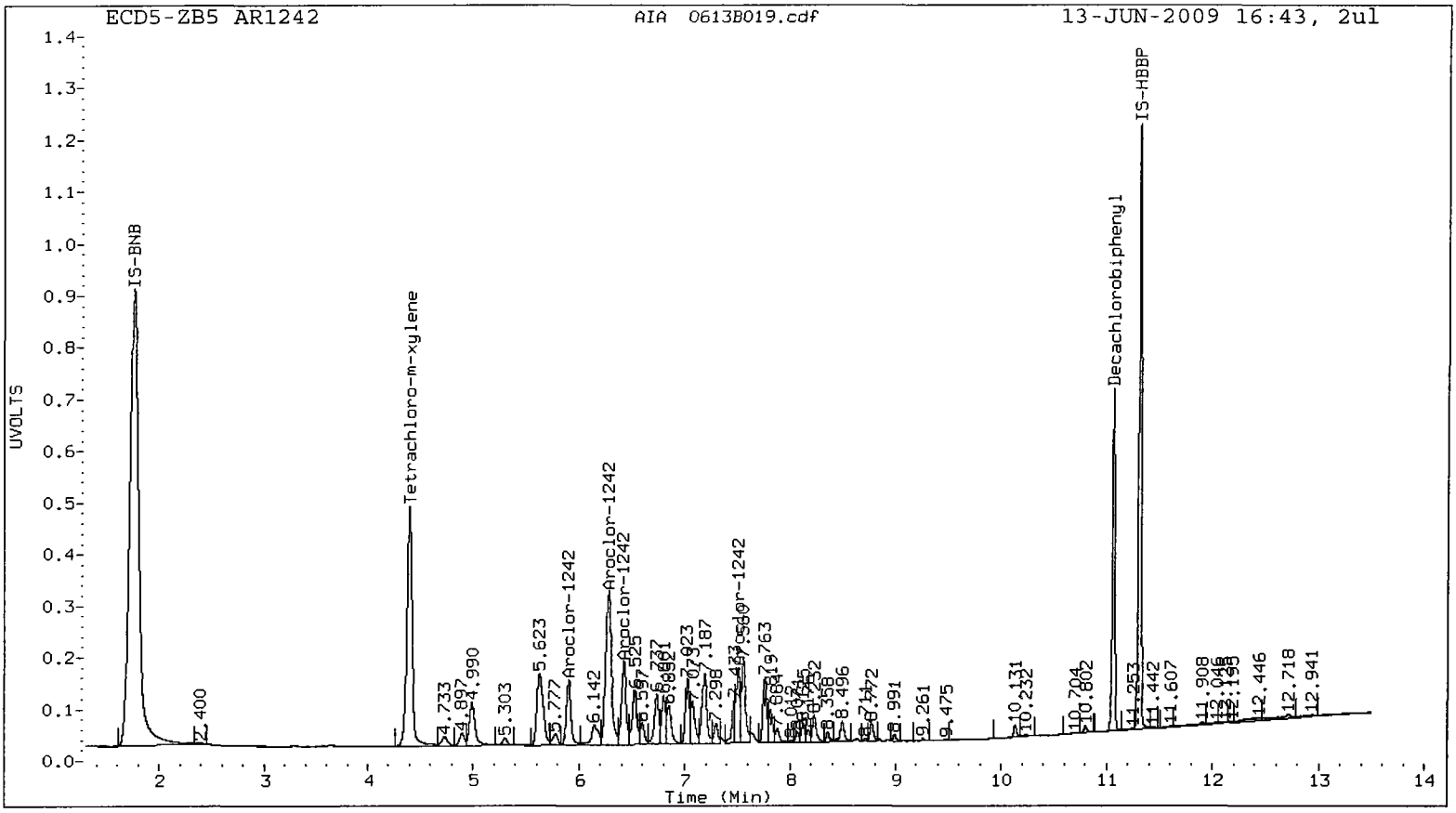
Corrected Ave (3 peaks): 213.5 Corrected Ave (3 peaks): 214.2 RPD = 0

Total PCB Area Col1 (4.498 - 10.960) = 39447158 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 43487608 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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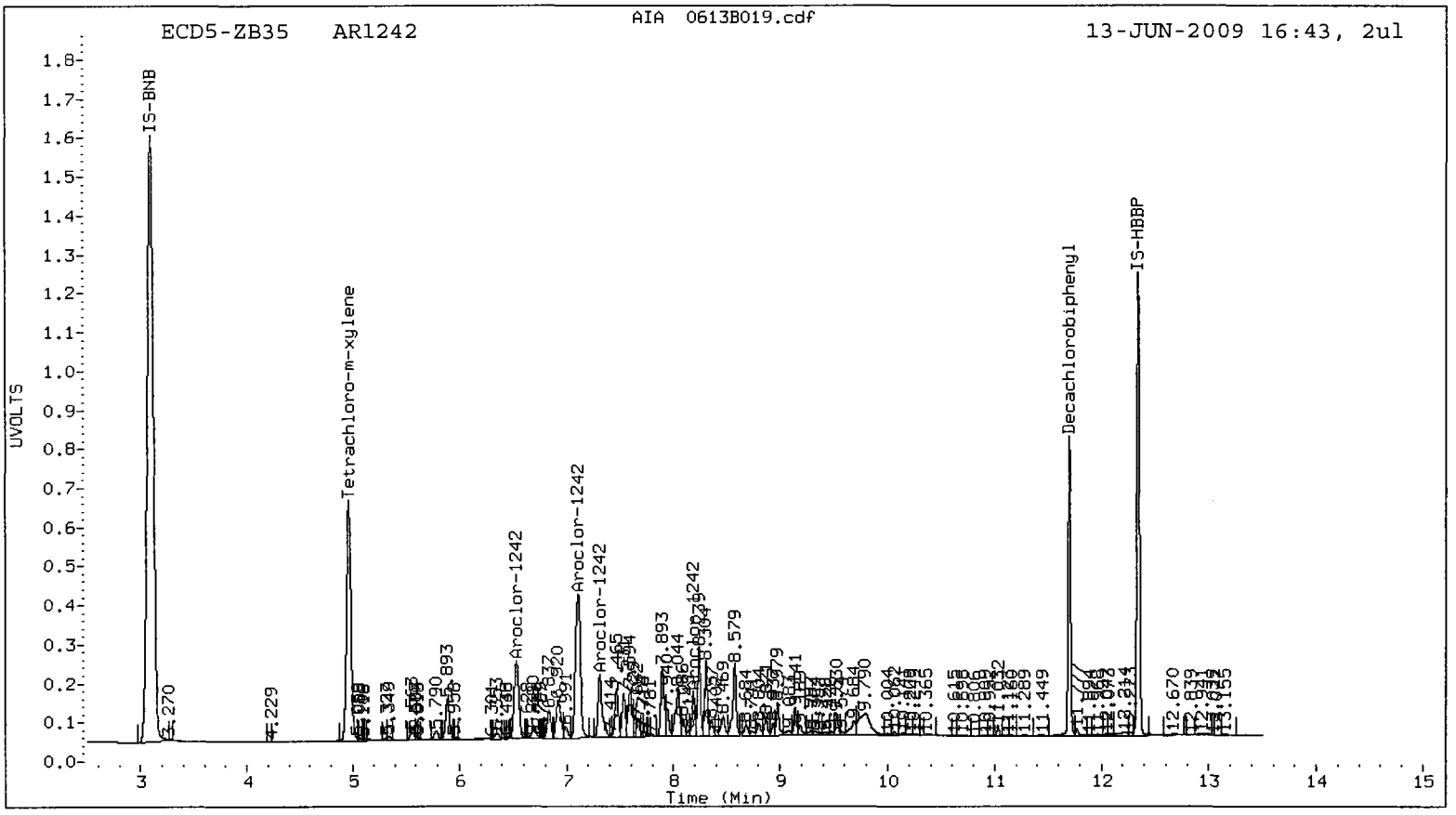
Tetrachloro-m-xylene
Aroclor-1242
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1242
Decachlorobiphenyl
IS-HBBP

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1700

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	5.90	5.80	6.00	257.9	250.0	3.2
Aroclor-1016-2	6.28	6.18	6.38	244.3	250.0	-2.3
Aroclor-1016-3	6.42	6.32	6.52	243.8	250.0	-2.5
Aroclor-1016-4	6.52	6.43	6.63	259.6	250.0	3.8

AVERAGE %D = 3.0

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1700

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.15	9.05	9.25	240.5	250.0	-3.8
Aroclor-1260-2	9.37	9.27	9.47	235.0	250.0	-6.0
Aroclor-1260-3	9.62	9.52	9.72	238.3	250.0	-4.7
Aroclor-1260-4	9.90	9.80	10.00	232.1	250.0	-7.2
Aroclor-1260-5	10.02	9.92	10.12	233.1	250.0	-6.7

AVERAGE %D = 5.7

FORM VII PCB

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1700

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	6.53	6.43	6.63	240.4	250.0	-3.8
Aroclor-1016-2	7.11	7.01	7.21	230.2	250.0	-7.9
Aroclor-1016-3	7.31	7.20	7.40	221.2	250.0	-11.5
Aroclor-1016-4	7.89	7.79	7.99	221.0	250.0	-11.6

AVERAGE %D = 8.7

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1700

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.29	9.19	9.39	266.1	250.0	6.4
Aroclor-1260-2	10.06	9.95	10.15	245.6	250.0	-1.8
Aroclor-1260-3	10.22	10.11	10.31	257.5	250.0	3.0
Aroclor-1260-4	10.62	10.51	10.71	237.7	250.0	-4.9

AVERAGE %D = 4.0

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B020.d
Data file 2: 20090606.B/0613-2.b/0613B020.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660
Client ID:
Injection Date: 13-JUN-2009 17:00
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.003	7719530	4.964	-0.002	8530146	20.4	19.6	3.7	Tetrachloro-m-xylene
11.059	-0.001	4919036	11.704	0.000	5444936	17.3	17.3	0.0	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	50.9	49.0
Decachlorobiphenyl	43.4	43.4

JL 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28965244	-3.6
Hexabromobiphenyl	12924817	10341527	-20.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33649205	1.1
Hexabromobiphenyl	11348053	10875179	-4.2

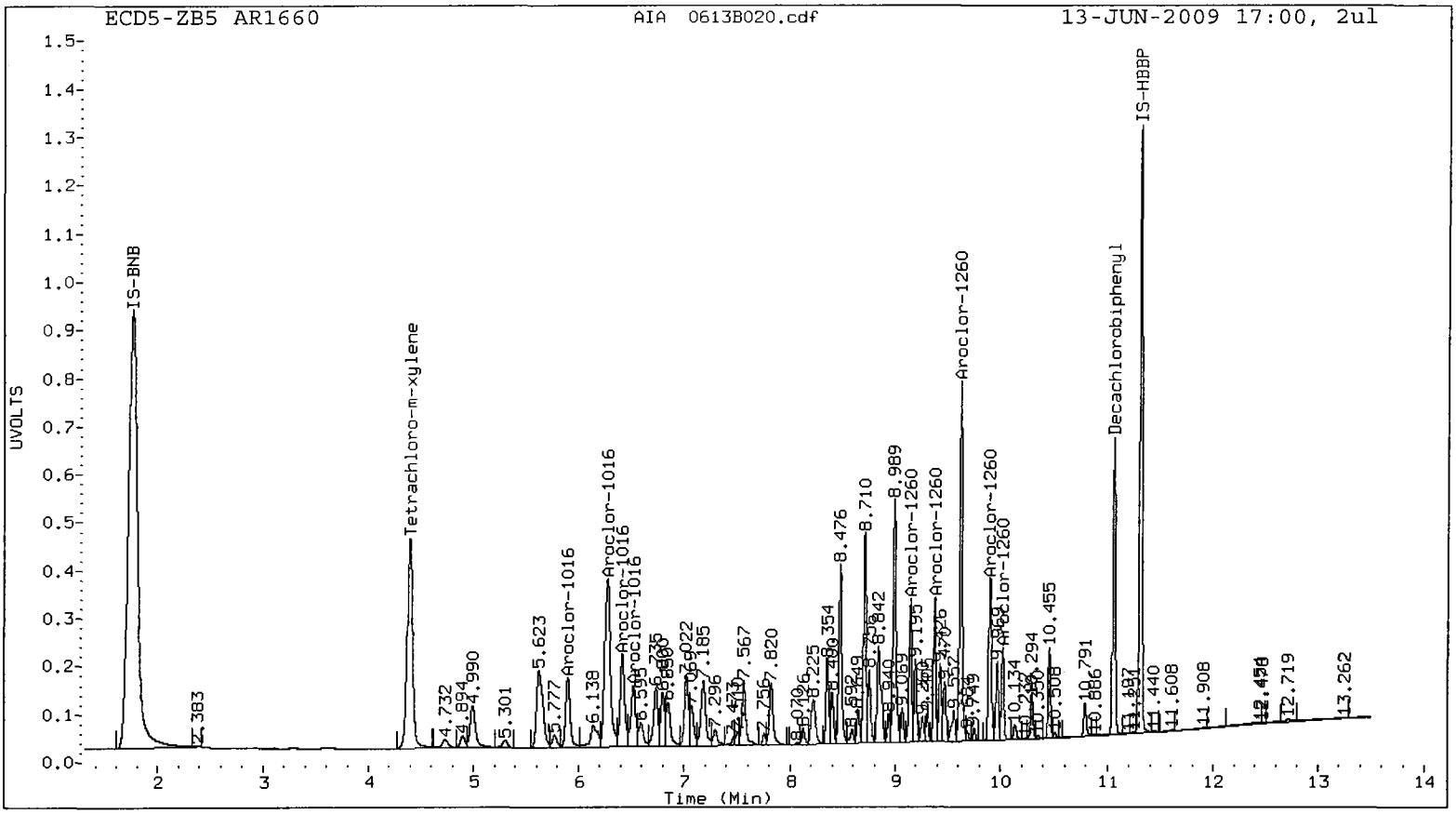
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.901	0.000	2259595	257.9	1	6.530	0.002	3685810	240.4
Aroclor-1016	2	6.276	0.000	6889706	244.3	2	7.109	0.001	7379191	230.2
Aroclor-1016	3	6.418	-0.001	2936903	243.8	3	7.307	0.002	2766292	221.2
Aroclor-1016	4	6.524	5.524	2002876	259.6	4	7.892	0.000	2108438	221.0
	Total Col1Ave (4 peaks):				251.4		Total Col2Ave (4 peaks):			228.2 RPD = 10
	Corrected Ave (3 peaks):				248.7		Corrected Ave (3 peaks):			224.1 RPD = 10
Aroclor-1260	1	9.146	0.000	2670267	240.5	1	9.287	0.000	5436970	266.1
Aroclor-1260	2	9.373	0.000	2475413	235.0	2	10.056	0.001	3253588	245.6
Aroclor-1260	3	9.618	-0.001	6380391	238.3	3	10.215	0.001	8764638	257.5
Aroclor-1260	4	9.897	-0.001	3222501	232.1	4	10.615	0.001	4804112	237.7
Aroclor-1260	5	10.019	-0.001	1579611	233.1	NS	---			----
	Total Col1Ave (5 peaks):				235.8		Total Col2Ave (4 peaks):			251.7 RPD = 7
	Corrected Ave (4 peaks):				234.6		Corrected Ave (3 peaks):			247.0 RPD = 5

Total PCB Area Col1 (4.498 - 10.960) = 88060335 Col1 Total PCB = 0.4 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 96857708 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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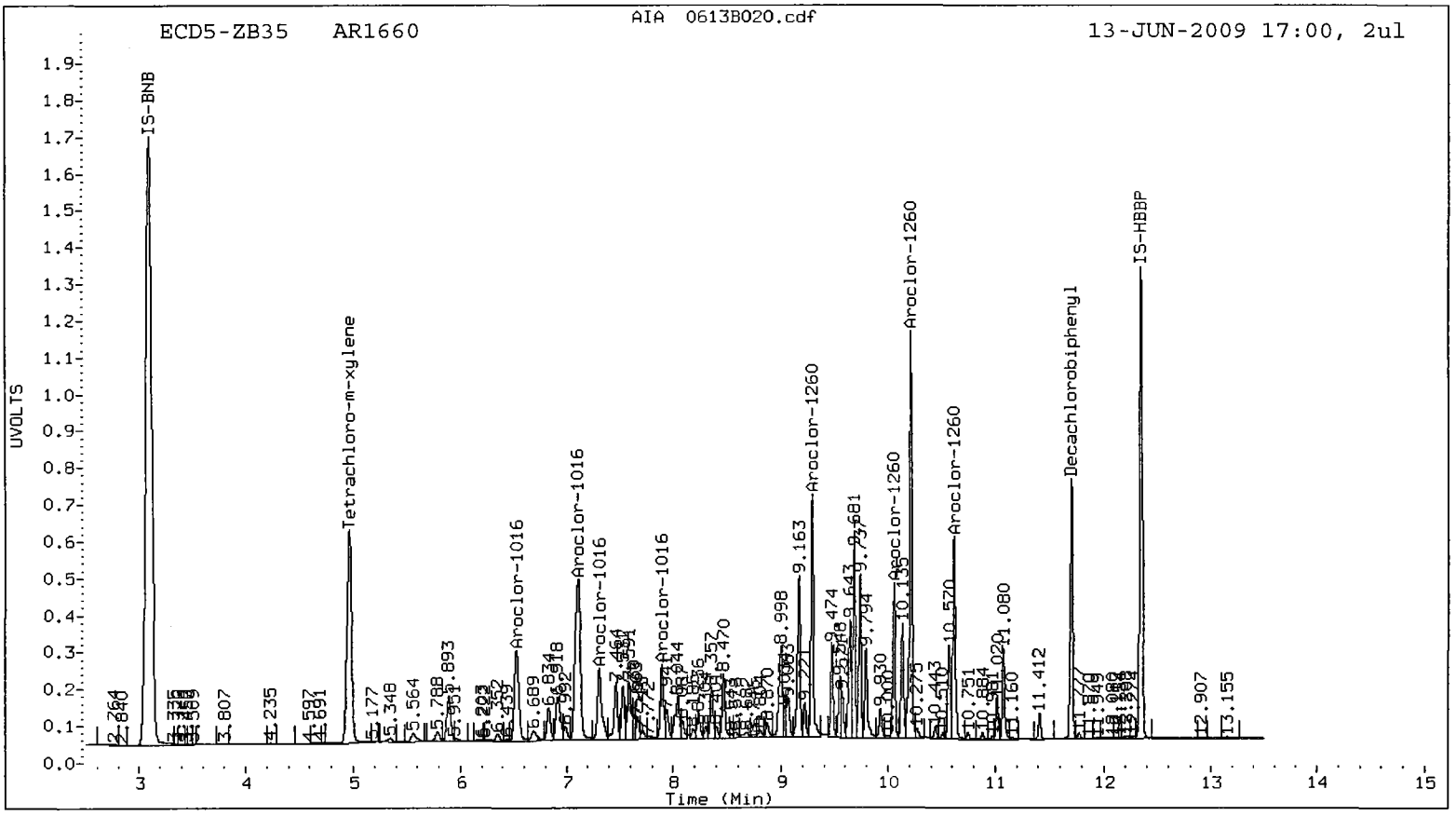
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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AIA 0613B020.cdf
13-JUN-2009 17:00, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1254 Time Analyzed :1900

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1254-1	7.82	7.72	7.92	241.9	250.0	-3.2
Aroclor-1254-2	8.12	8.02	8.22	234.7	250.0	-6.1
Aroclor-1254-3	8.23	8.13	8.33	233.2	250.0	-6.7
Aroclor-1254-4	8.49	8.39	8.59	230.2	250.0	-7.9
Aroclor-1254-5	8.76	8.67	8.87	226.3	250.0	-9.5

AVERAGE %D = 6.7

FORM VII PCB

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1254 Time Analyzed :1900

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1254-1	8.47	8.37	8.57	251.8	250.0	0.7
Aroclor-1254-2	8.87	8.77	8.97	238.5	250.0	-4.6
Aroclor-1254-3	8.98	8.88	9.08	236.8	250.0	-5.3
Aroclor-1254-4	9.14	9.04	9.24	242.4	250.0	-3.0
Aroclor-1254-5	9.53	9.43	9.63	235.4	250.0	-5.8

AVERAGE %D = 3.9

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B027.d
Data file 2: 20090606.B/0613-2.b/0613B027.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1254
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1254
Client ID:
Injection Date: 13-JUN-2009 19:00
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.395	-0.004	7855700	4.964	-0.002	8714214	22.3	21.5	3.5	Tetrachloro-m-xylene
11.059	-0.001	5135688	11.703	0.000	5919035	19.1	20.2	5.8	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	55.7	53.8
Decachlorobiphenyl	47.6	50.5

JL 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	26950617	-10.3
Hexabromobiphenyl	12924817	9828305	-24.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31347999	-5.8
Hexabromobiphenyl	11348053	10152901	-10.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

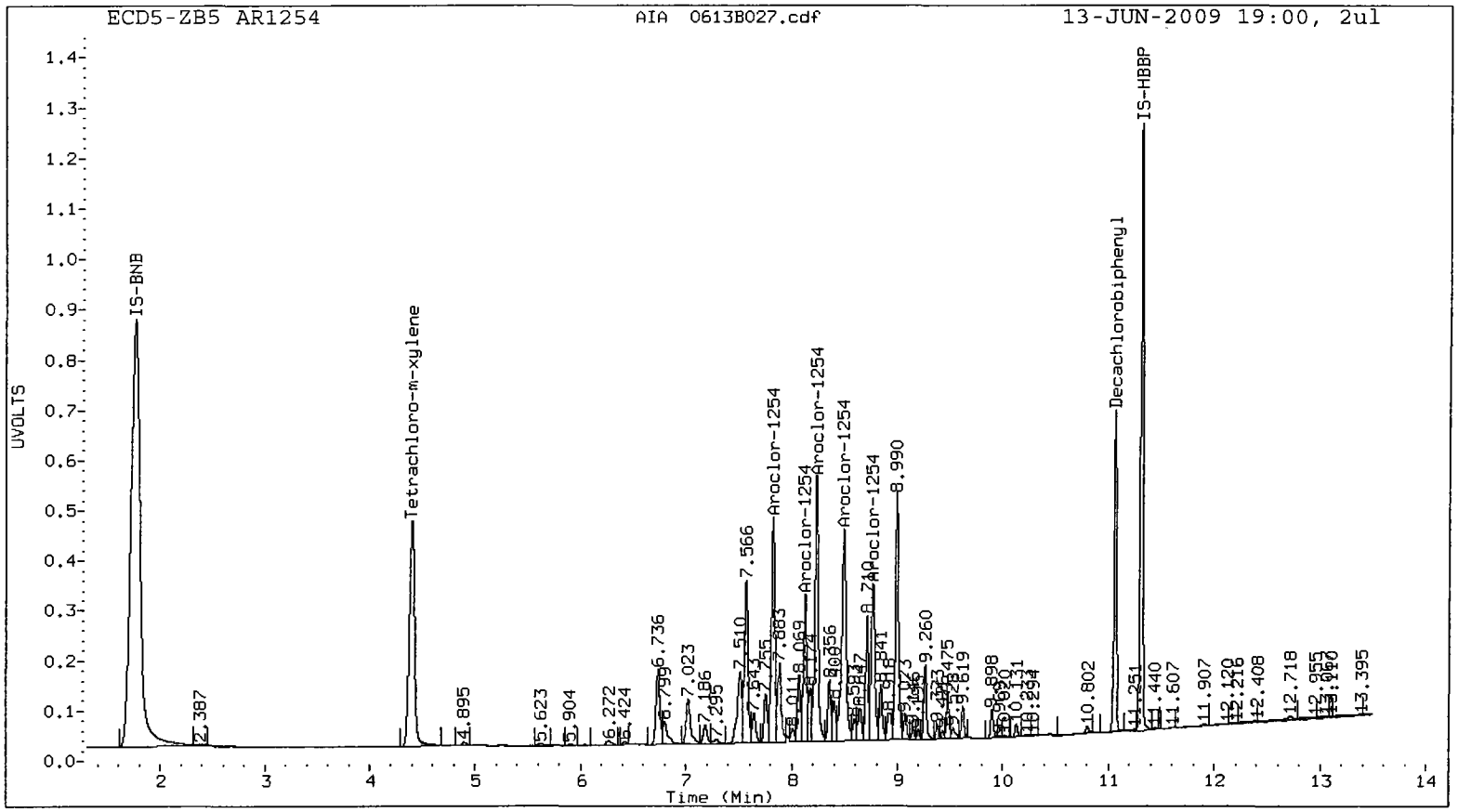
		ZB5 Col				ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1254	1	7.821	-0.001	5093472	241.9	1	8.469	0.001	4559682	251.8
Aroclor-1254	2	8.124	-0.001	3185905	234.7	2	8.870	0.000	2835549	238.5
Aroclor-1254	3	8.229	-0.001	6003127	233.2	3	8.980	0.000	5642789	236.8
Aroclor-1254	4	8.490	-0.001	6218666	230.2	4	9.140	-0.001	6697145	242.4
Aroclor-1254	5	8.764	0.000	3680978	226.3	5	9.531	-0.001	3815847	235.4
Total Col1Ave (5 peaks):					233.3	Total Col2Ave (5 peaks):				241.0 RPD = 3
Corrected Ave (4 peaks):					231.1	Corrected Ave (4 peaks):				238.3 RPD = 3

Total PCB Area Col1 (4.498 - 10.960) = 59766106 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 62641359 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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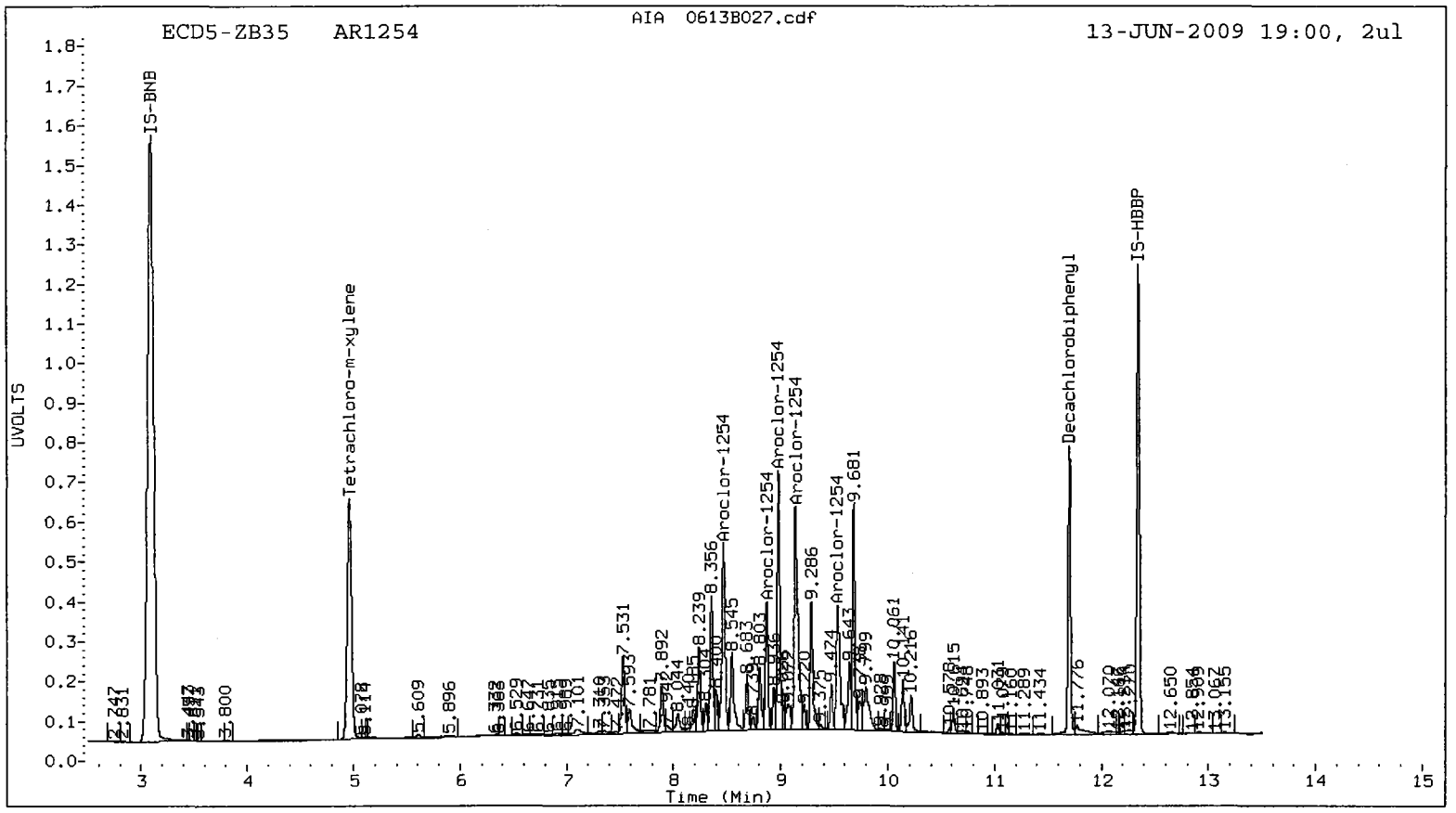
AIA 0613B027.cdf
13-JUN-2009 19:00, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1254
Decachlorobiphenyl
IS-HBBP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13-JUN-2009 19:00, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1254
Decachlorobiphenyl
IS-HBBP

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1918

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	5.90	5.80	6.00	266.6	250.0	6.6
Aroclor-1016-2	6.27	6.18	6.38	254.4	250.0	1.8
Aroclor-1016-3	6.42	6.32	6.52	258.6	250.0	3.4
Aroclor-1016-4	6.52	6.43	6.63	269.1	250.0	7.6

AVERAGE %D = 4.8

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1918

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.15	9.05	9.25	259.9	250.0	4.0
Aroclor-1260-2	9.37	9.27	9.47	255.5	250.0	2.2
Aroclor-1260-3	9.62	9.52	9.72	256.1	250.0	2.4
Aroclor-1260-4	9.90	9.80	10.00	243.2	250.0	-2.7
Aroclor-1260-5	10.02	9.92	10.12	248.8	250.0	-0.5

AVERAGE %D = 2.4

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB35 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1918

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	6.53	6.43	6.63	261.2	250.0	4.5
Aroclor-1016-2	7.11	7.01	7.21	257.3	250.0	2.9
Aroclor-1016-3	7.31	7.20	7.40	248.4	250.0	-0.6
Aroclor-1016-4	7.89	7.79	7.99	249.9	250.0	-0.0

AVERAGE %D = 2.0

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :1918

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.29	9.19	9.39	274.4	250.0	9.8
Aroclor-1260-2	10.05	9.95	10.15	254.6	250.0	1.8
Aroclor-1260-3	10.21	10.11	10.31	267.3	250.0	6.9
Aroclor-1260-4	10.62	10.51	10.71	242.2	250.0	-3.1

AVERAGE %D = 5.4

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B028.d
Data file 2: 20090606.B/0613-2.b/0613B028.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660
Client ID:
Injection Date: 13-JUN-2009 19:18
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.394	-0.004	7987356	4.965	-0.001	8618053	21.0	19.9	5.5	Tetrachloro-m-xylene
11.058	-0.001	5164979	11.703	-0.001	5574719	17.4	17.6	1.0	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	52.5	49.7
Decachlorobiphenyl	43.5	44.0

MJC 6/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29060497	-3.2
Hexabromobiphenyl	12924817	10817576	-16.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33546977	0.8
Hexabromobiphenyl	11348053	10977208	-3.3

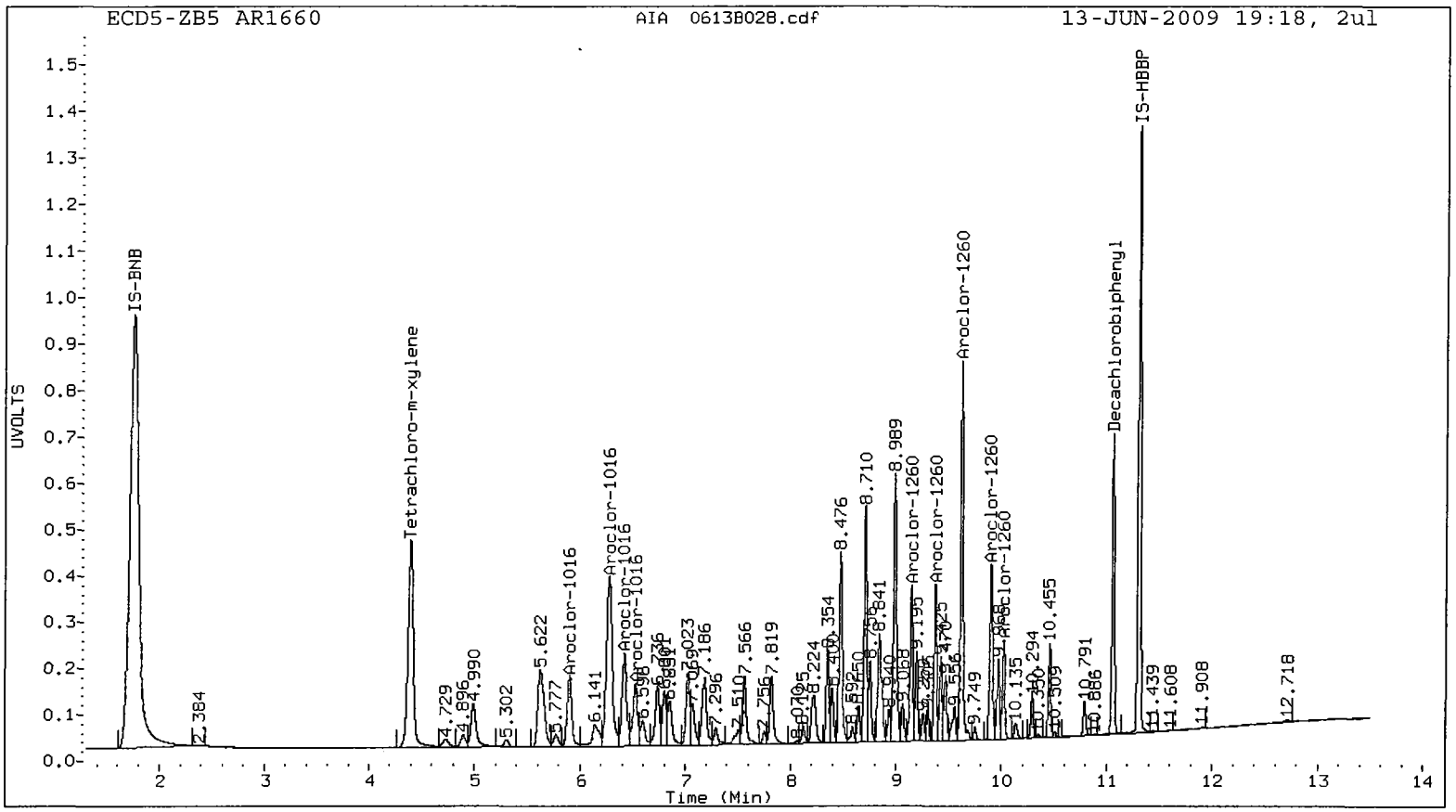
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.900	-0.001	2343154	266.6	1	6.529	0.001	3992234	261.2
Aroclor-1016	2	6.274	-0.002	7198923	254.4	2	7.108	0.000	8221059	257.3
Aroclor-1016	3	6.418	-0.001	3124730	258.6	3	7.306	0.002	3095979	248.4
Aroclor-1016	4	6.524	5.524	2082895	269.1	4	7.892	-0.001	2377128	249.9
Total Col1Ave (4 peaks):					262.2	Total Col2Ave (4 peaks):			254.2	RPD = 3
Corrected Ave (3 peaks):					259.8	Corrected Ave (3 peaks):			251.8	RPD = 3
Aroclor-1260	1	9.146	-0.001	3019073	259.9	1	9.287	0.000	5659897	274.4
Aroclor-1260	2	9.372	-0.001	2815206	255.5	2	10.055	0.000	3404473	254.6
Aroclor-1260	3	9.618	-0.001	7173991	256.1	3	10.215	0.000	9182651	267.3
Aroclor-1260	4	9.897	-0.001	3532494	243.2	4	10.615	0.000	4941797	242.2
Aroclor-1260	5	10.019	-0.001	1763695	248.8	NS	---			----
Total Col1Ave (5 peaks):					252.7	Total Col2Ave (4 peaks):			259.7	RPD = 3
Corrected Ave (4 peaks):					250.9	Corrected Ave (3 peaks):			254.7	RPD = 2

Total PCB Area Col1 (4.498 - 10.960) = 96577284 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 103918000 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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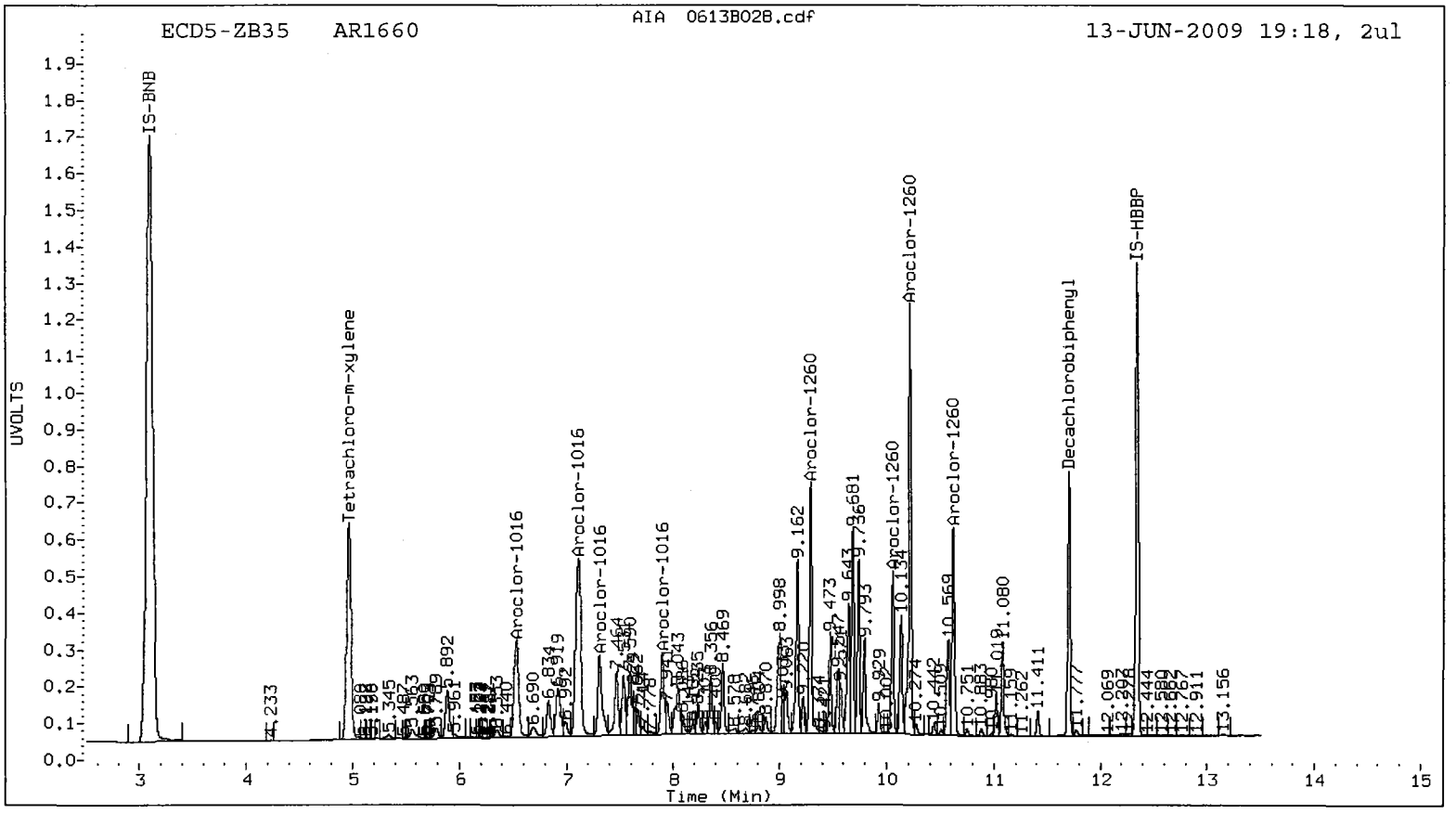
13-JUN-2009 19:18, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP


ECD5-ZB35 AR1660
AIA 0613B028.cdf
13-JUN-2009 19:18, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

PCB Analysis
QC Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: MB-060909
METHOD BLANK

Lab Sample ID: MB-060909
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 14:25
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	0.8	< 0.8 U
53469-21-9	Aroclor 1242	0.8	< 0.8 U
12672-29-6	Aroclor 1248	0.8	< 0.8 U
11097-69-1	Aroclor 1254	0.8	< 0.8 U
11096-82-5	Aroclor 1260	0.8	< 0.8 U
11104-28-2	Aroclor 1221	0.8	< 0.8 U
11141-16-5	Aroclor 1232	0.8	< 0.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	60.5%
Tetrachlorometaxylene	53.2%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B011.d
Data file 2: 20090606.B/0613-2.b/0613B011.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35MBS1
Client ID:
Injection Date: 13-JUN-2009 14:25
Report Date: 06/15/2009 14:04
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.003	7475966	4.964	-0.002	8285454	21.3	21.0	1.4	Tetrachloro-m-xylene
11.060	0.000	7532519	11.704	0.001	7184095	24.2	23.9	1.0	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	53.2	52.4
Decachlorobiphenyl	60.4	59.8

JR 06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	26854805	-10.6
Hexabromobiphenyl	12924817	11362605	-12.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	30563758	-8.2
Hexabromobiphenyl	11348053	10398197	-8.4

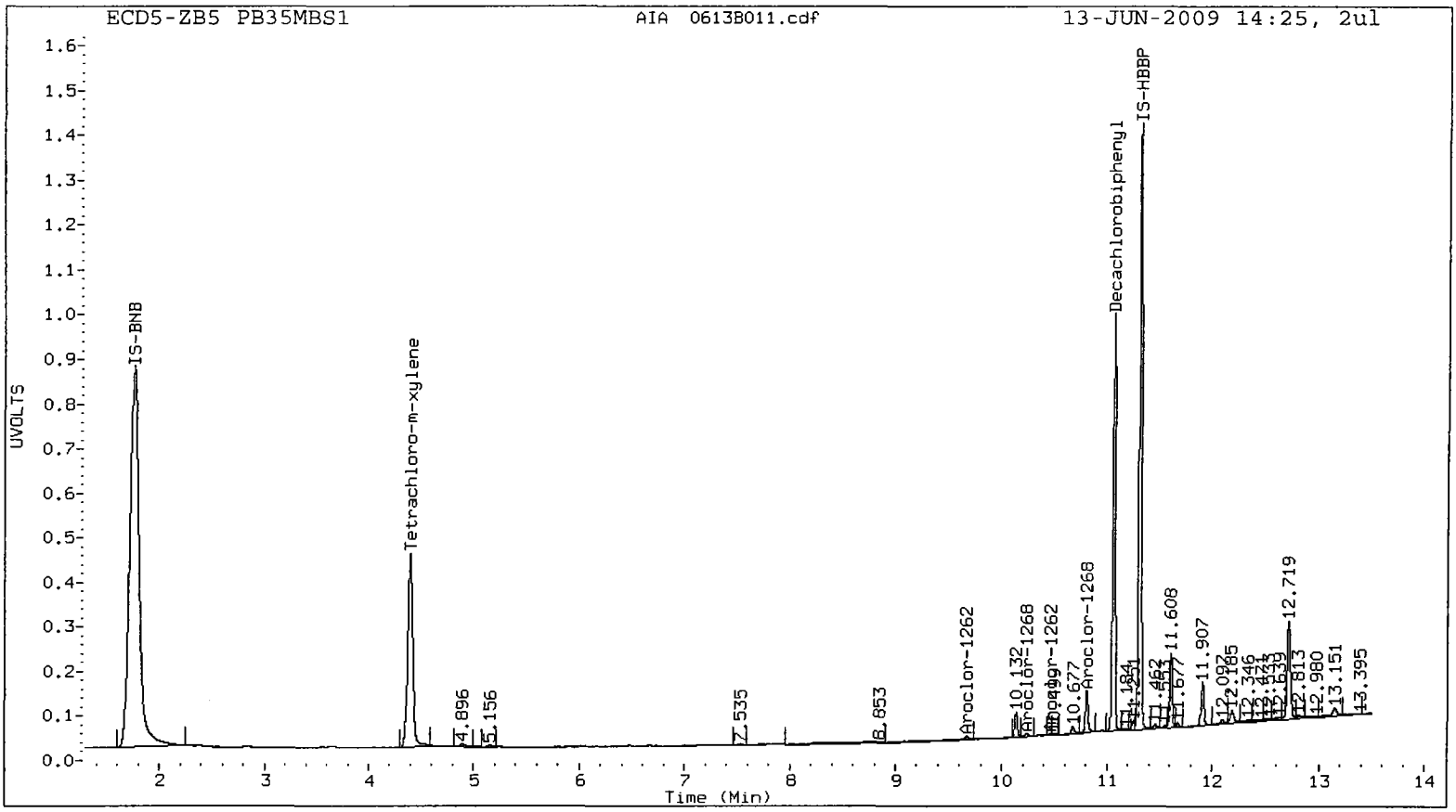
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.579	0.051	11161	0.8
Aroclor-1016	2	---			0.0	2	7.155	0.047	81594	2.8
Aroclor-1016	3	---			0.0	3	7.330	0.026	147129	13.0
Aroclor-1016	4	---			0.0	4	7.949	0.057	136057	15.7
		Col1Ave: <3 Quant Peaks					Col2Ave:		8.1	
Aroclor-1221	1	---			0.0	1	5.611	0.044	110919	6.2
Aroclor-1221	2	---			0.0	2	5.841	0.049	144884	13.7
Aroclor-1221	3	---			0.0	3	5.925	0.029	51520	1.5
Aroclor-1221	NS	---			----	4	7.330	0.020	147129	26.6
		Col1Ave: <3 Quant Peaks					Col2Ave:		12.0	
Aroclor-1232	1	---			0.0	1	5.925	0.029	51520	4.5
Aroclor-1232	2	---			0.0	2	6.579	0.044	11161	1.1
Aroclor-1232	3	---			0.0	3	7.155	0.041	81594	4.1
Aroclor-1232	4	---			0.0	4	7.330	0.020	147129	18.6
		Col1Ave: <3 Quant Peaks					Col2Ave:		7.1	
Aroclor-1242	1	---			0.0	1	6.579	0.048	11161	0.8
Aroclor-1242	2	---			0.0	2	7.155	0.045	81594	3.0
Aroclor-1242	3	---			0.0	3	7.330	0.024	147129	14.2
Aroclor-1242	4	---			0.0	4	8.271	0.086	117913	25.0
		Col1Ave: <3 Quant Peaks					Col2Ave:		10.8	
Aroclor-1248	1	---			0.0	1	7.045	-0.062	89682	5.3
Aroclor-1248	2	---			0.0	2	7.564	0.032	210615	21.5
Aroclor-1248	3	---			0.0	3	7.949	0.057	136057	10.6
Aroclor-1248	4	---			0.0	4	8.271	0.032	117913	7.1
		Col1Ave: <3 Quant Peaks					Col2Ave:		11.1	
Aroclor-1254	1	---			0.0	1	8.409	-0.060	110378	6.3
Aroclor-1254	2	---			0.0	2	8.874	0.004	58682	5.1
Aroclor-1254	3	---			0.0	3	8.983	0.003	67025	2.9
Aroclor-1254	4	---			0.0	4	9.162	0.021	51776	1.9
Aroclor-1254	5	---			0.0	5	9.573	0.041	41723	2.6
		Col1Ave: <3 Quant Peaks					Col2Ave:		3.8	
Aroclor-1260	1	---			0.0	1	9.253	-0.034	59304	3.0
Aroclor-1260	2	---			0.0	2	10.065	0.010	35908	2.8
Aroclor-1260	3	---			0.0	3	10.191	-0.023	17026	0.5
Aroclor-1260	4	---			0.0	4	10.617	0.003	135877	7.0
Aroclor-1260	5	---			0.0	NS	---			----
		Col1Ave: <3 Quant Peaks					Col2Ave:		3.4	
Aroclor-1262	1	---			0.0	1	10.065	0.006	35908	1.4
Aroclor-1262	2	9.666	0.048	395816	6.8	2	10.191	-0.027	17026	0.3
Aroclor-1262	3	---			0.0	3	10.563	-0.008	77507	2.9
Aroclor-1262	4	---			0.0	4	10.617	-0.001	135877	3.5
Aroclor-1262	5	10.465	0.009	28395	1.3	5	11.115	0.032	29103	1.4
		Col1Ave: <3 Quant Peaks					Col2Ave:		1.9	
Aroclor-1268	1	---			0.0	1	10.563	-0.009	77507	1.6
Aroclor-1268	2	---			0.0	2	10.617	-0.001	135877	3.1
Aroclor-1268	3	10.232	0.000	83973	2.3	3	10.871	-0.017	70946	2.1
Aroclor-1268	4	10.804	0.001	846786	8.2	4	11.400	-0.017	61849	0.6
		Col1Ave: <3 Quant Peaks					Col2Ave:		1.8	

Total PCB Area Col1 (4.498 - 10.960) = 2822224 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 4215428 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical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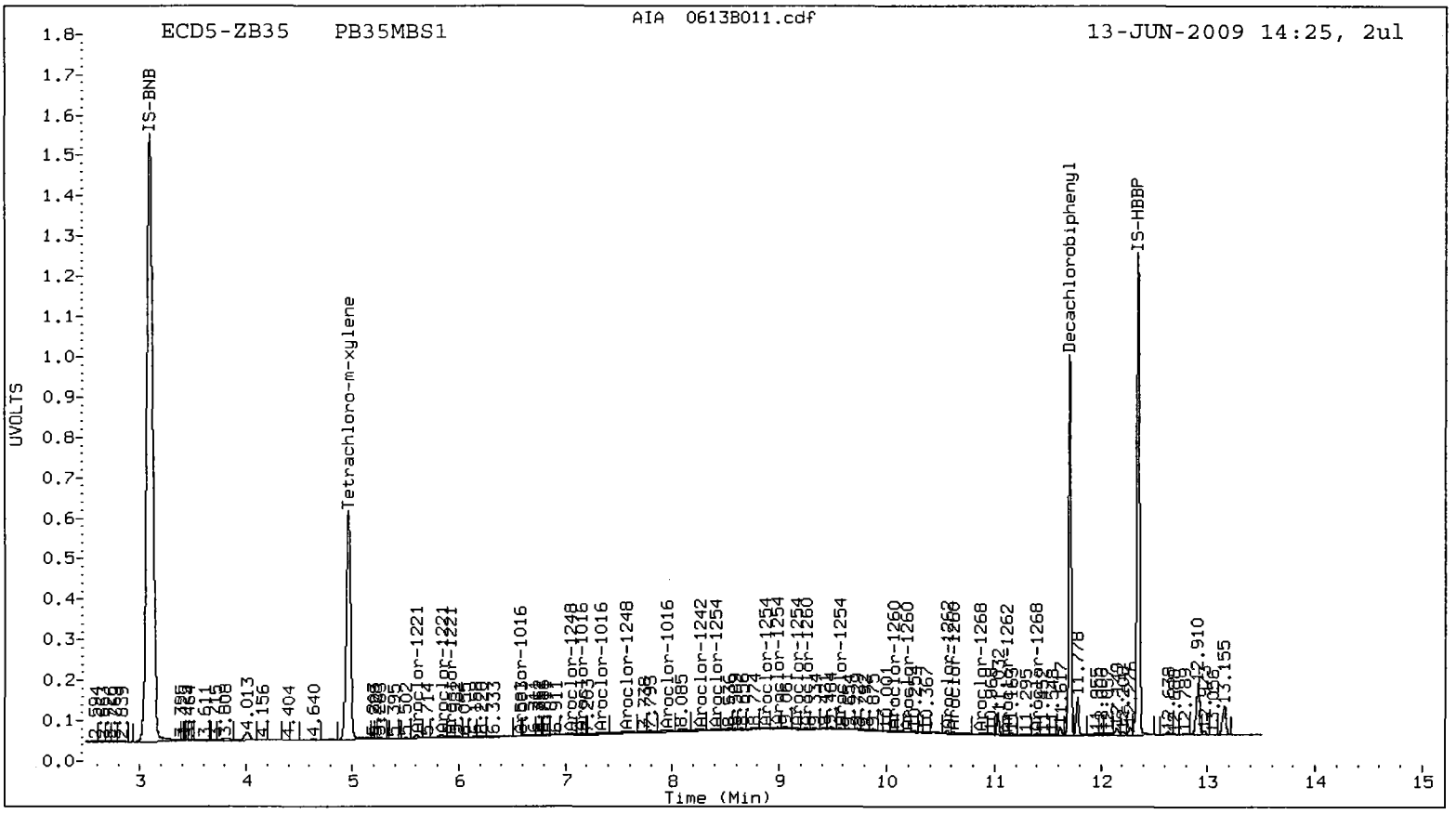
AIA 0613B011.cdf
13-JUN-2009 14:25, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Aroclor-1262
Aroclor-1268
4.896
5.156
7.535
8.853
10.677
11.907
12.719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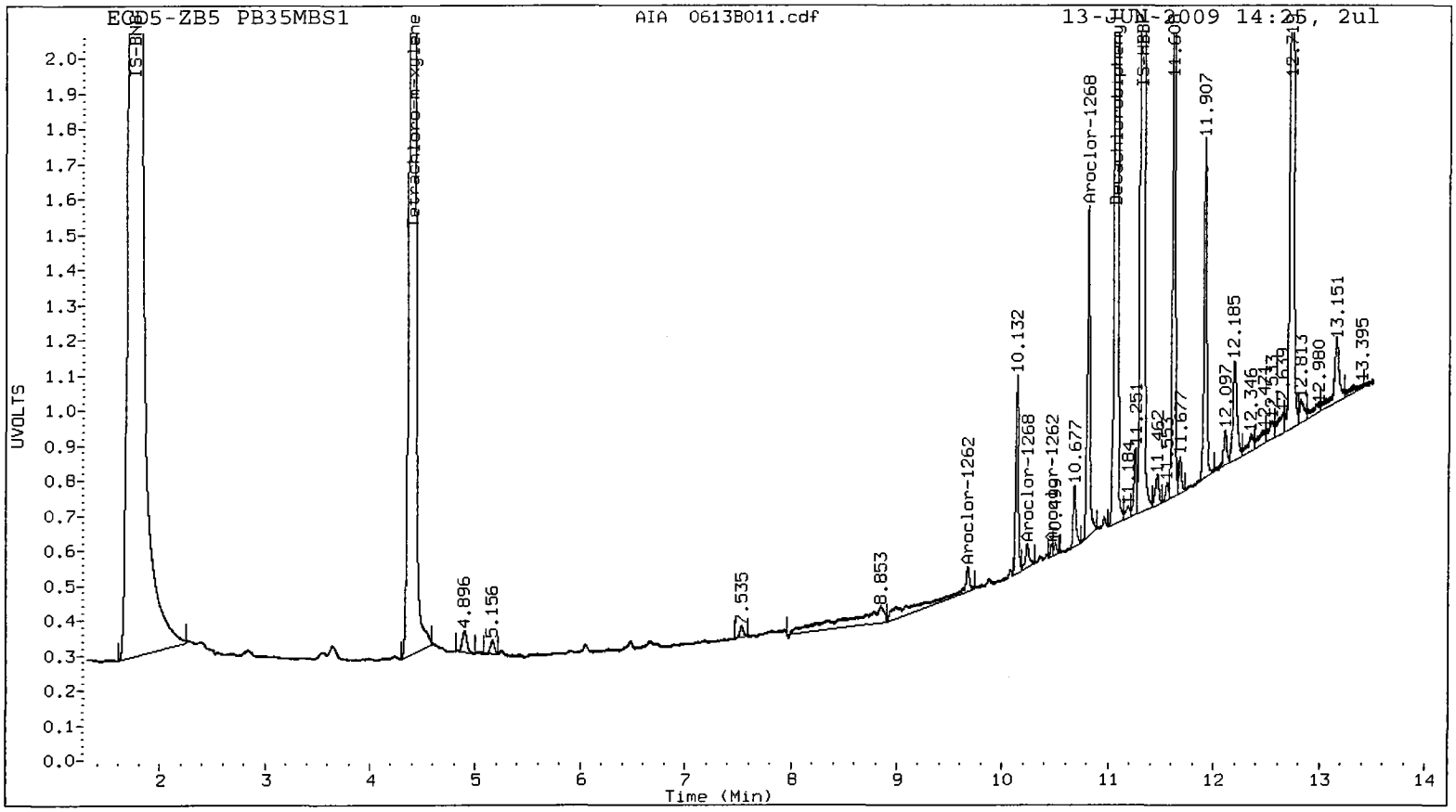
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP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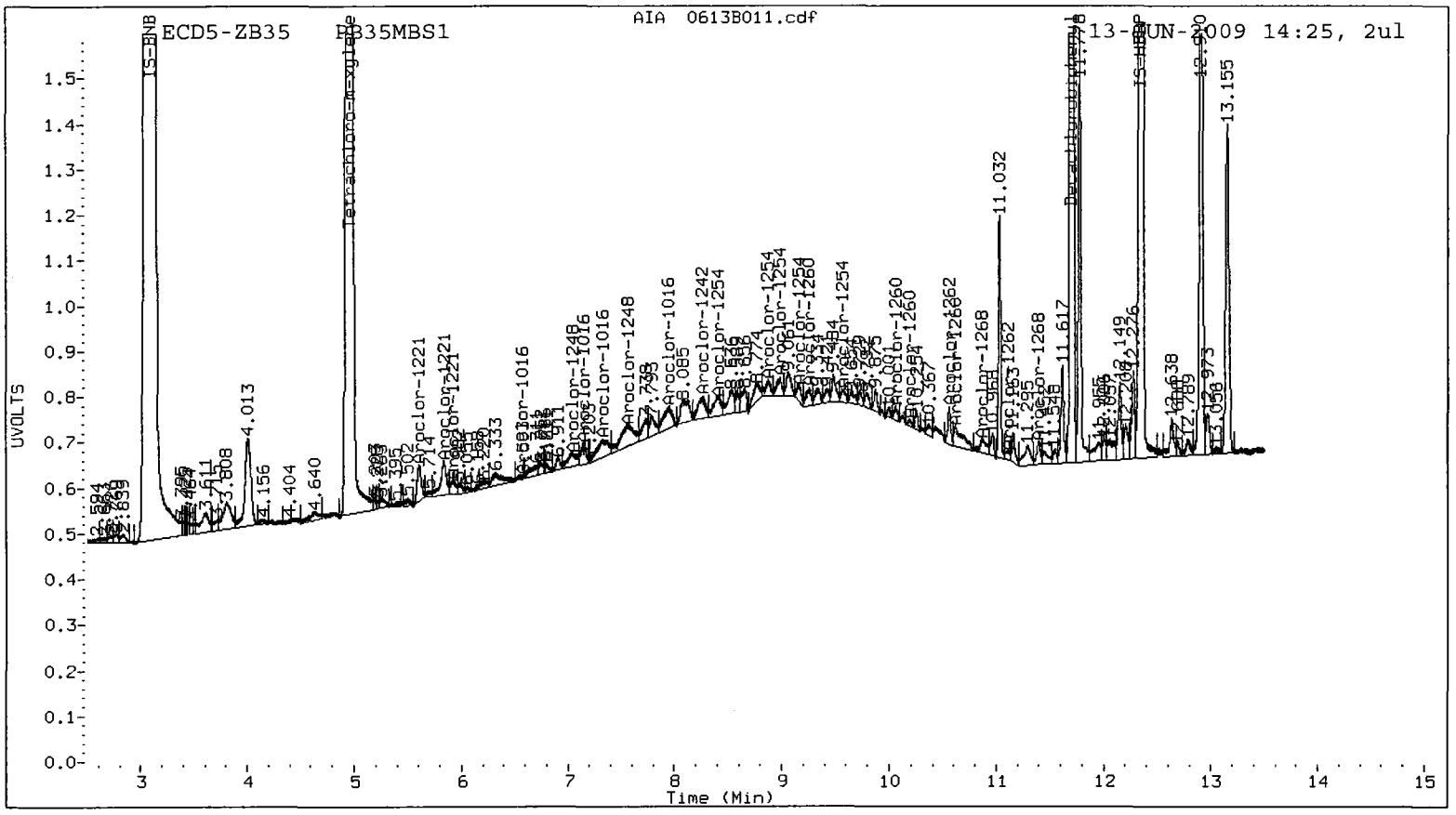
13-JUN-2009 14:25, 2ul
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBB
Aroclor-1268
Aroclor-1262
Aroclor-1268
Aroclor-1262
4.896
5.156
7.535
8.853
10.132
10.677
11.184
11.251
11.462
11.533
11.677
11.907
12.097
12.185
12.346
12.813
12.980
13.151
13.395
UVOLTS
Time (Min)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13-JUN-2009 14:25, 2ul
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBB
4.013
4.156
4.404
4.640
6.333
7.714
7.793
8.085
11.032
11.617
11.718
12.226
12.973
13.155
Aroclor-1016
Aroclor-1221
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B012.d
Data file 2: 20090606.B/0613-2.b/0613B012.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35LCSS1
Client ID:
Injection Date: 13-JUN-2009 14:42
Report Date: 06/15/2009 14:04
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	-0.005	7837690	4.963	-0.003	8287464	20.6	19.9	3.8	Tetrachloro-m-xylene
11.059	-0.001	7382926	11.704	0.000	7154002	22.1	22.2	0.4	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	51.5	49.6
Decachlorobiphenyl	55.2	55.4

06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29046529	-3.3
Hexabromobiphenyl	12924817	12198699	-5.6

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32296667	-2.9
Hexabromobiphenyl	11348053	11187588	-1.4

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount	
Aroclor-1016	1	5.900	-0.001	2402319	273.4	1	6.528	0.000	4074932	276.9	
Aroclor-1016	2	6.275	0.000	8009590	283.2	2	7.110	0.003	8758674	284.7	
Aroclor-1016	3	6.419	0.000	3426428	283.7	3	7.307	0.002	3319679	276.6	
Aroclor-1016	4	6.525	5.525	2329041	301.1	4	7.892	0.000	2702752	295.1	
	Total Col1Ave (4 peaks):				285.3		Total Col2Ave (4 peaks):			283.3	RPD = 1
	Corrected Ave (3 peaks):				280.1		Corrected Ave (3 peaks):			279.4	RPD = 0
Aroclor-1221	1	4.729	-0.003	401138	25.4	1	5.564	-0.003	392093	20.9	
Aroclor-1221	2	4.894	0.000	444007	44.0	2	5.788	-0.003	371088	33.2	
Aroclor-1221	3	4.989	-0.001	1823576	47.9	3	5.894	-0.002	1744632	47.2	
Aroclor-1221	NS	---			----	4	7.307	-0.004	3319679	567.1	
	Total Col1Ave (3 peaks):				39.1		Total Col2Ave (4 peaks):			167.1	RPD = 124*
	Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):			33.7	
Aroclor-1232	1	4.989	0.092	1823576	140.6	1	5.894	-0.002	1744632	144.9	
Aroclor-1232	2	5.900	-0.001	2402319	382.1	2	6.528	-0.007	4074932	369.6	
Aroclor-1232	3	6.275	0.003	8009590	397.8	3	7.110	-0.003	8758674	412.3	
Aroclor-1232	4	6.419	-0.006	3426428	395.0	4	7.307	-0.003	3319679	396.7	
	Total Col1Ave (4 peaks):				328.9		Total Col2Ave (4 peaks):			330.9	RPD = 1
	Corrected Ave (3 peaks):				305.9		Corrected Ave (3 peaks):			303.7	RPD = 1
Aroclor-1242	1	5.900	-0.003	2402319	281.1	1	6.528	-0.002	4074932	291.4	
Aroclor-1242	2	6.275	-0.002	8009590	294.0	2	7.110	0.000	8758674	305.0	
Aroclor-1242	3	6.419	-0.002	3426428	288.7	3	7.307	0.001	3319679	303.0	
Aroclor-1242	4	7.511	0.000	433446	46.2	4	8.185	0.000	271217	54.4	
	Total Col1Ave (4 peaks):				227.5		Total Col2Ave (4 peaks):			238.4	RPD = 5
	Corrected Ave (3 peaks):				205.3		Corrected Ave (3 peaks):			216.3	RPD = 5
Aroclor-1248	1	6.275	0.003	8009590	477.0	1	7.110	0.004	8758674	486.3	
Aroclor-1248	2	6.735	-0.003	1996564	181.7	2	7.531	-0.001	1862389	179.7	
Aroclor-1248	3	7.023	-0.001	2409303	187.7	3	7.892	0.000	2702752	199.8	
Aroclor-1248	4	7.567	0.000	2160515	105.1	4	8.236	-0.003	870013	49.5	
	Total Col1Ave (4 peaks):				237.9		Total Col2Ave (4 peaks):			228.8	RPD = 4
	Corrected Ave (3 peaks):				158.2		Corrected Ave (3 peaks):			143.0	RPD = 10
Aroclor-1254	1	7.820	-0.001	2315579	102.0	1	8.470	0.001	1995297	107.0	
Aroclor-1254	2	8.124	0.000	471958	32.3	2	8.871	0.001	465956	38.0	
Aroclor-1254	3	8.224	-0.006	2097006	75.6	3	8.999	0.019	3672948	149.6	
Aroclor-1254	4	8.475	-0.015	5331550	183.1	4	9.164	0.023	5154213	181.1	
Aroclor-1254	5	8.756	-0.008	2113828	120.6	5	9.549	0.016	1791918	107.3	
	Total Col1Ave (5 peaks):				102.7		Total Col2Ave (5 peaks):			116.6	RPD = 13
	Corrected Ave (4 peaks):				82.6		Corrected Ave (4 peaks):			100.5	RPD = 20
Aroclor-1260	1	9.146	0.000	3998029	305.2	1	9.288	0.001	6961423	331.2	
Aroclor-1260	2	9.373	0.000	3811080	306.7	2	10.056	0.002	4194561	307.8	
Aroclor-1260	3	9.619	-0.001	9184193	290.8	3	10.216	0.002	11266294	321.8	
Aroclor-1260	4	9.898	0.000	4941424	301.7	4	10.616	0.001	6126051	294.6	
Aroclor-1260	5	10.020	0.000	2431655	304.3	NS	---			----	
	Total Col1Ave (5 peaks):				301.7		Total Col2Ave (4 peaks):			313.9	RPD = 4
	Corrected Ave (4 peaks):				300.5		Corrected Ave (3 peaks):			308.1	RPD = 2
Aroclor-1262	1	9.373	-0.001	3811080	145.2	1	10.056	-0.002	4194561	148.1	
Aroclor-1262	2	9.619	0.000	9184193	147.7	2	10.216	-0.002	11266294	166.4	
Aroclor-1262	3	9.969	-0.052	2058621	77.4	3	10.571	-0.001	2795500	98.6	
Aroclor-1262	4	10.020	9.020	2431655	86.7	4	10.616	-0.002	6126051	148.5	
Aroclor-1262	5	10.456	-0.001	2298498	101.0	5	11.081	-0.003	2400647	105.2	
	Total Col1Ave (5 peaks):				111.6		Total Col2Ave (5 peaks):			133.4	RPD = 18
	Corrected Ave (4 peaks):				102.6		Corrected Ave (4 peaks):			125.1	RPD = 20
Aroclor-1268	1	9.969	-0.052	2058621	39.9	1	10.571	-0.001	2795500	53.8	
Aroclor-1268	2	10.020	9.020	2431655	50.0	2	10.616	-0.002	6126051	128.6	
Aroclor-1268	3	10.295	0.063	1181061	30.3	3	10.884	-0.004	204402	5.5	
Aroclor-1268	4	10.797	-0.006	1630635	14.6	4	11.412	-0.004	736251	6.8	
	Total Col1Ave (4 peaks):				33.7		Total Col2Ave (4 peaks):			48.7	RPD = 36

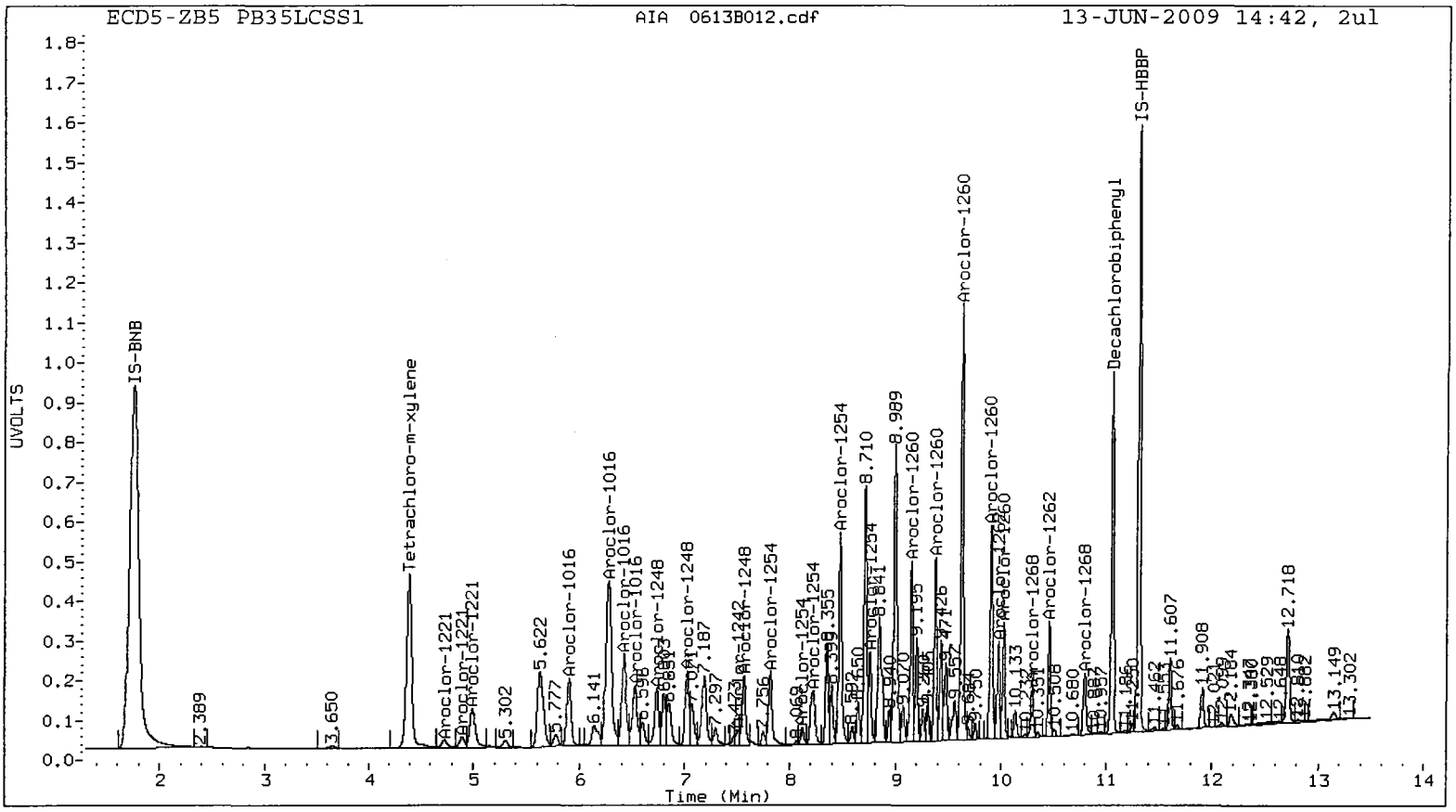
Corrected Ave (3 peaks): 28.3 Corrected Ave (3 peaks): 22.1 RPD = 25

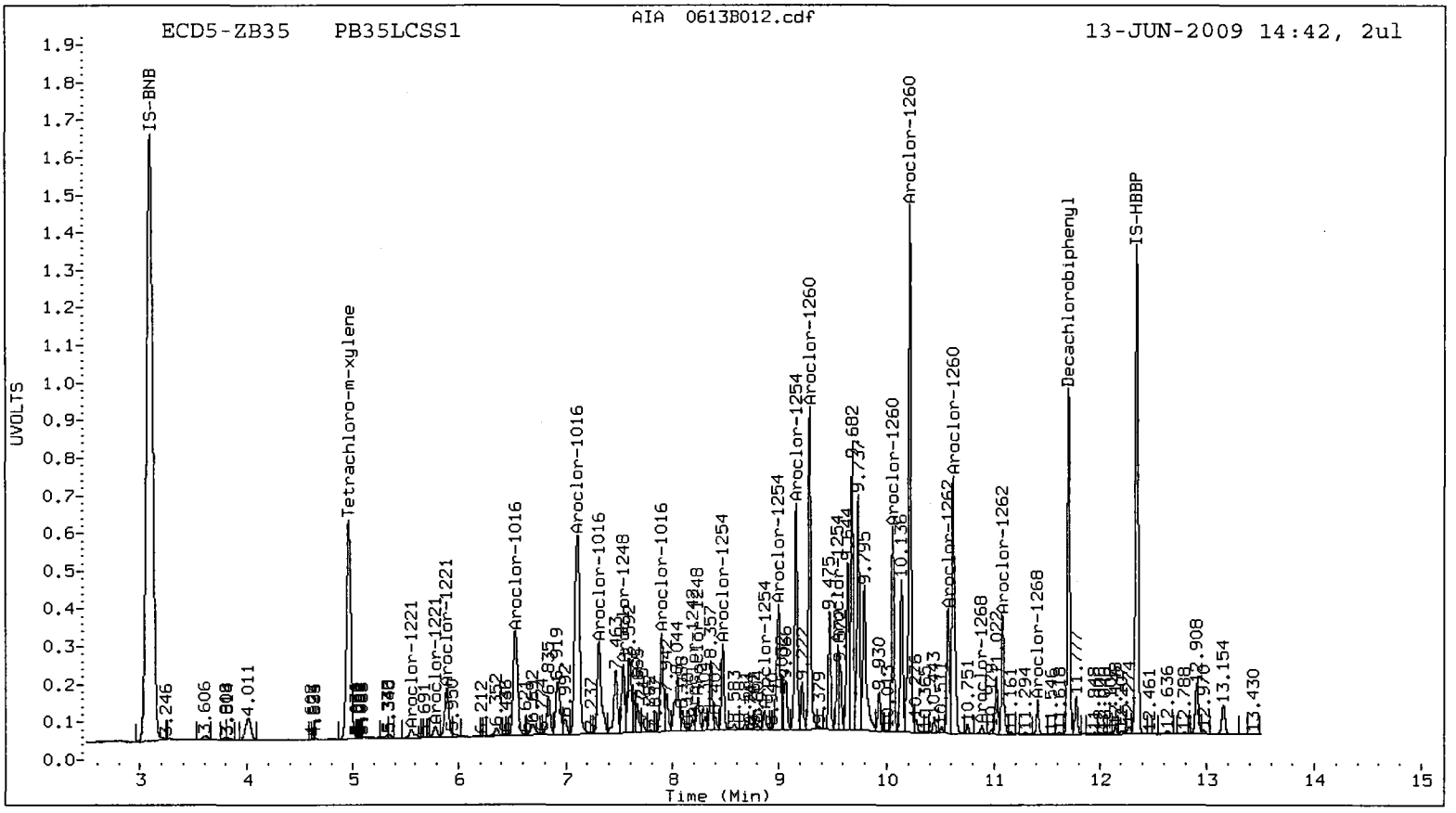
Total PCB Area Col1 (4.498 - 10.960) = 119951604 Col1 Total PCB = 0.6 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 122142083 Col2 Total PCB = 0.6 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.


ECD5-ZB5 PB35LCSS1
AIA 0613B012.cdf
13-JUN-2009 14:42, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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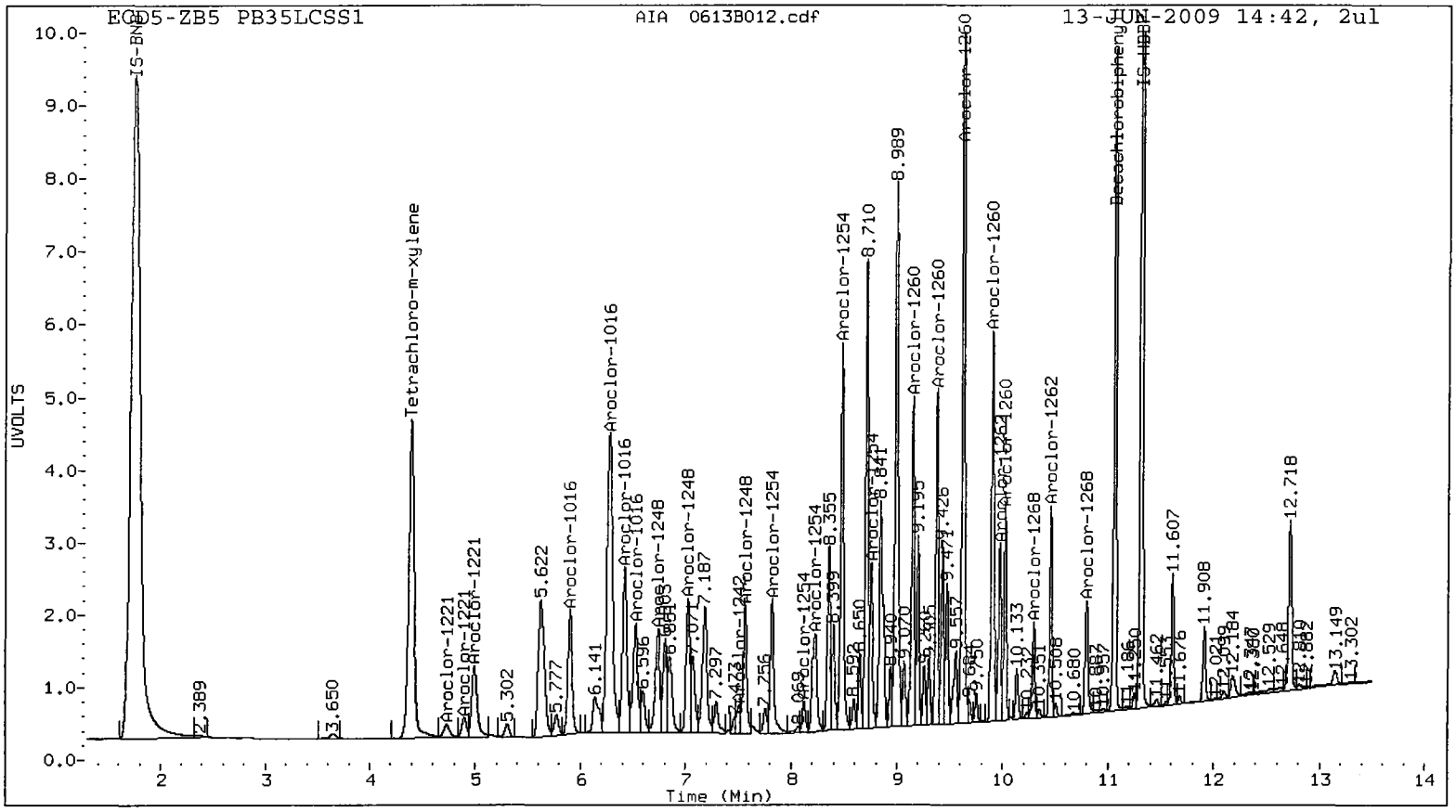
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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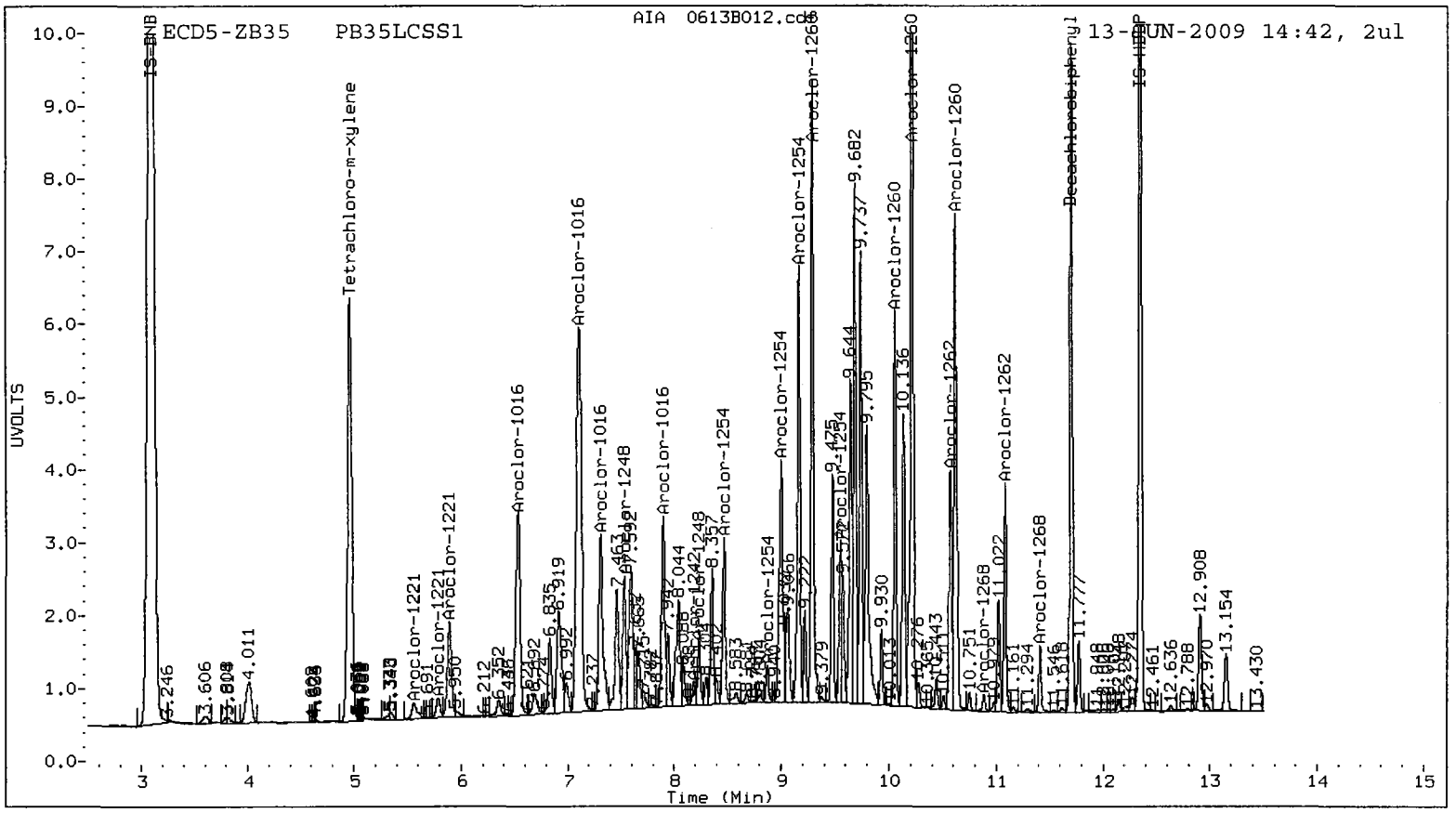
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-B
MATRIX SPIKE

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 15:34
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 43.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	---
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**14**
11096-82-5	Aroclor 1260	3.9	---
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	91.8%
Tetrachlorometaxylene	66.0%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B015.d
Data file 2: 20090606.B/0613-2.b/0613B015.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35CMS
Client ID:
Injection Date: 13-JUN-2009 15:34
Report Date: 06/15/2009 14:04
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.004	1773596	4.965	-0.001	1799426	5.3	4.9	6.6	Tetrachloro-m-xylene
11.059	-0.001	1710619	11.703	-0.001	2095003	7.0	7.3	4.6	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	65.9	61.7
Decachlorobiphenyl	87.6	91.8

6/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	25682548	-14.5
Hexabromobiphenyl	12924817	8899527	-31.1

✓

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	28197987	-15.3
Hexabromobiphenyl	11348053	9887833	-12.9

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

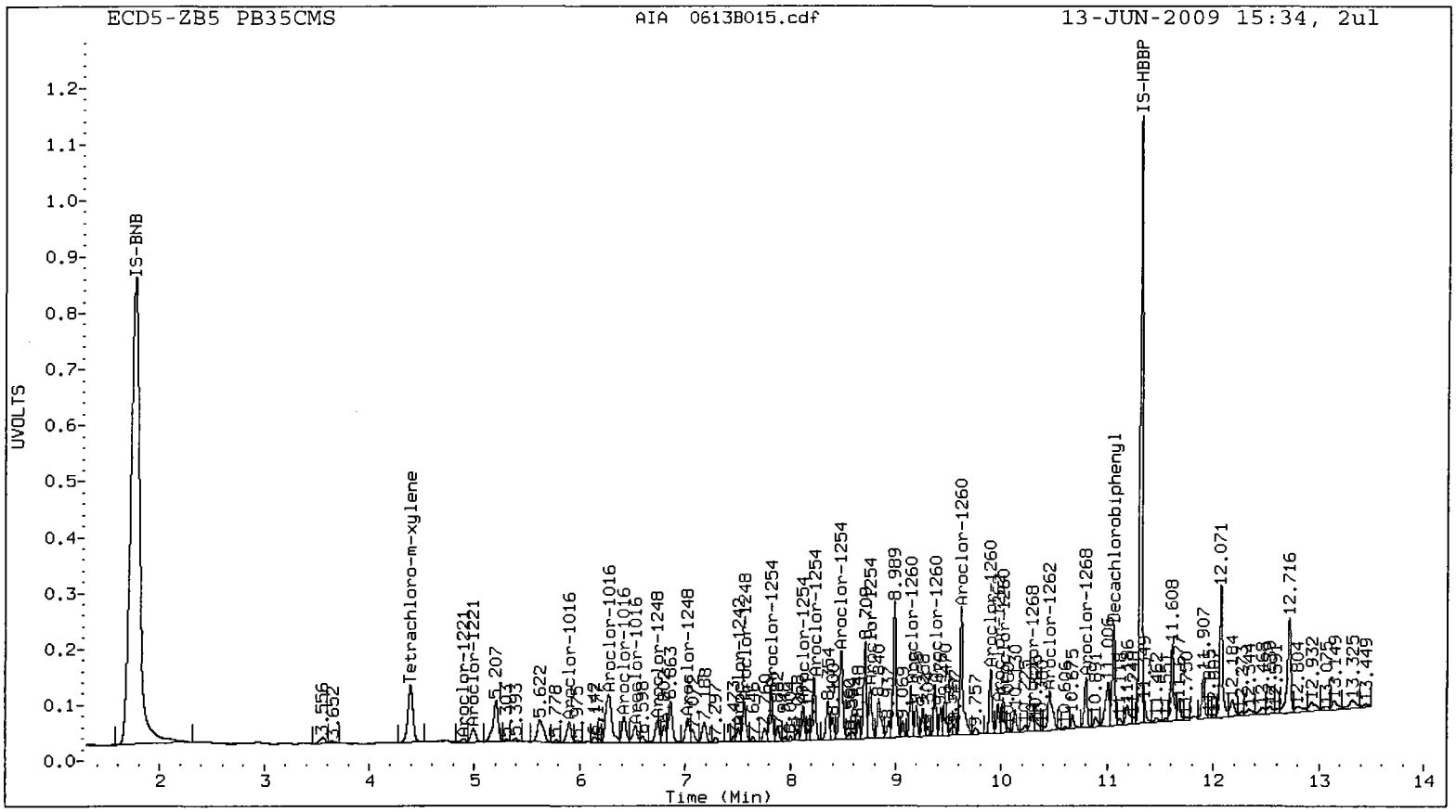
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount	
Aroclor-1016	1	5.901	-0.001	542268	69.8	1	6.530	0.002	767776	59.8	
Aroclor-1016	2	6.274	-0.002	1697371	67.9	2	7.111	0.003	1609203	59.9	
Aroclor-1016	3	6.419	0.000	661196	61.9	3	7.308	0.003	701796	67.0	
Aroclor-1016	4	6.526	5.526	435827	63.7	4	7.893	0.000	582526	72.9	
	Total Col1Ave (4 peaks):				65.8		Total Col2Ave (4 peaks):			64.9	RPD = 1
	Corrected Ave (3 peaks):				64.5		Corrected Ave (3 peaks):			62.2	RPD = 4
Aroclor-1221	1	---			0.0	1	5.569	0.003	145577	8.9	
Aroclor-1221	2	4.898	0.003	90090	10.1	2	5.793	0.001	48537	5.0	
Aroclor-1221	3	4.990	0.000	398407	11.8	3	5.928	0.032	1374017	42.5	
Aroclor-1221	NS	---			----	4	7.308	-0.002	701796	137.3	
	Col1Ave: <3 Quant Peaks						Col2Ave:		48.4		
Aroclor-1232	1	4.990	0.092	398407	34.7	1	5.928	0.032	1374017	130.7	
Aroclor-1232	2	5.901	-0.001	542268	97.6	2	6.530	-0.005	767776	79.8	
Aroclor-1232	3	6.274	0.002	1697371	95.3	3	7.111	-0.002	1609203	86.8	
Aroclor-1232	4	6.419	-0.006	661196	86.2	4	7.308	-0.002	701796	96.1	
	Total Col1Ave (4 peaks):				78.5		Total Col2Ave (4 peaks):			98.3	RPD = 22
	Corrected Ave (3 peaks):				72.1		Corrected Ave (3 peaks):			87.5	RPD = 19
Aroclor-1242	1	5.901	-0.002	542268	71.8	1	6.530	0.000	767776	62.9	
Aroclor-1242	2	6.274	-0.003	1697371	70.5	2	7.111	0.001	1609203	64.2	
Aroclor-1242	3	6.419	-0.002	661196	63.0	3	7.308	0.002	701796	73.4	
Aroclor-1242	4	7.509	-0.001	262235	31.6	4	8.186	0.000	115525	26.5	
	Total Col1Ave (4 peaks):				59.2		Total Col2Ave (4 peaks):			56.7	RPD = 4
	Corrected Ave (3 peaks):				55.0		Corrected Ave (3 peaks):			51.2	RPD = 7
Aroclor-1248	1	6.274	0.002	1697371	114.3	1	7.111	0.005	1609203	102.3	
Aroclor-1248	2	6.736	-0.002	545566	56.2	2	7.532	0.001	510308	56.4	
Aroclor-1248	3	7.022	-0.002	564399	49.7	3	7.893	0.000	582526	49.3	
Aroclor-1248	4	7.567	0.000	822264	45.2	4	8.240	0.001	367729	24.0	
	Total Col1Ave (4 peaks):				66.4		Total Col2Ave (4 peaks):			58.0	RPD = 13
	Corrected Ave (3 peaks):				50.4		Corrected Ave (3 peaks):			43.2	RPD = 15
Aroclor-1254	1	7.820	-0.002	976263	48.6	1	8.470	0.001	980921	60.2	
Aroclor-1254	2	8.122	-0.003	602795	46.6	2	8.871	0.001	431720	40.4	
Aroclor-1254	3	8.228	-0.002	1250446	51.0	3	8.984	0.004	1553656	72.5	
Aroclor-1254	4	8.479	-0.012	1899073	73.8	4	9.162	0.021	2247469	90.4	
Aroclor-1254	5	8.760	-0.004	929667	60.0	5	9.545	0.013	1249400	85.7	
	Total Col1Ave (5 peaks):				56.0		Total Col2Ave (5 peaks):			69.8	RPD = 22
	Corrected Ave (4 peaks):				51.5		Corrected Ave (4 peaks):			64.7	RPD = 23
Aroclor-1260	1	9.146	-0.001	801439	83.9	1	9.289	0.002	2172021	116.9	
Aroclor-1260	2	9.372	-0.001	728521	80.4	2	10.057	0.003	1228962	102.0	
Aroclor-1260	3	9.618	-0.001	2348508	101.9	3	10.216	0.001	2967975	95.9	
Aroclor-1260	4	9.896	-0.002	1059831	88.7	4	10.615	0.000	1643249	89.4	
Aroclor-1260	5	10.019	-0.001	518882	89.0	NS	---			----	
	Total Col1Ave (5 peaks):				88.8		Total Col2Ave (4 peaks):			101.1	RPD = 13
	Corrected Ave (4 peaks):				85.5		Corrected Ave (3 peaks):			95.8	RPD = 11
Aroclor-1262	1	9.372	-0.001	728521	38.0	1	10.057	-0.001	1228962	49.1	
Aroclor-1262	2	9.618	0.000	2348508	51.8	2	10.216	-0.003	2967975	49.6	
Aroclor-1262	3	9.970	-0.052	477640	24.6	3	10.568	-0.003	901854	36.0	
Aroclor-1262	4	10.019	9.019	518882	25.3	4	10.615	-0.003	1643249	45.1	
Aroclor-1262	5	10.457	0.000	1022892	61.6	5	11.084	0.000	878720	43.5	
	Total Col1Ave (5 peaks):				40.3		Total Col2Ave (5 peaks):			44.7	RPD = 10
	Corrected Ave (4 peaks):				34.9		Corrected Ave (3 peaks):			43.4	RPD = 22
Aroclor-1268	1	9.970	-0.052	477640	12.7	1	10.568	-0.004	901854	19.6	
Aroclor-1268	2	10.019	9.019	518882	14.6	2	10.615	-0.003	1643249	39.0	
Aroclor-1268	3	10.294	0.062	338232	11.9	3	10.883	-0.005	194096	6.0	
Aroclor-1268	4	10.798	-0.004	815102	10.0	4	11.412	-0.004	412442	4.3	
	Total Col1Ave (4 peaks):				12.3		Total Col2Ave (4 peaks):			17.2	RPD = 33
	Corrected Ave (3 peaks):				11.5		Corrected Ave (3 peaks):			10.0	RPD = 15

Total PCB Area Col1 (4.498 - 10.960) = 36612917 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 43064330 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
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Aroclor-1221
Aroclor-1232
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Aroclor-1254
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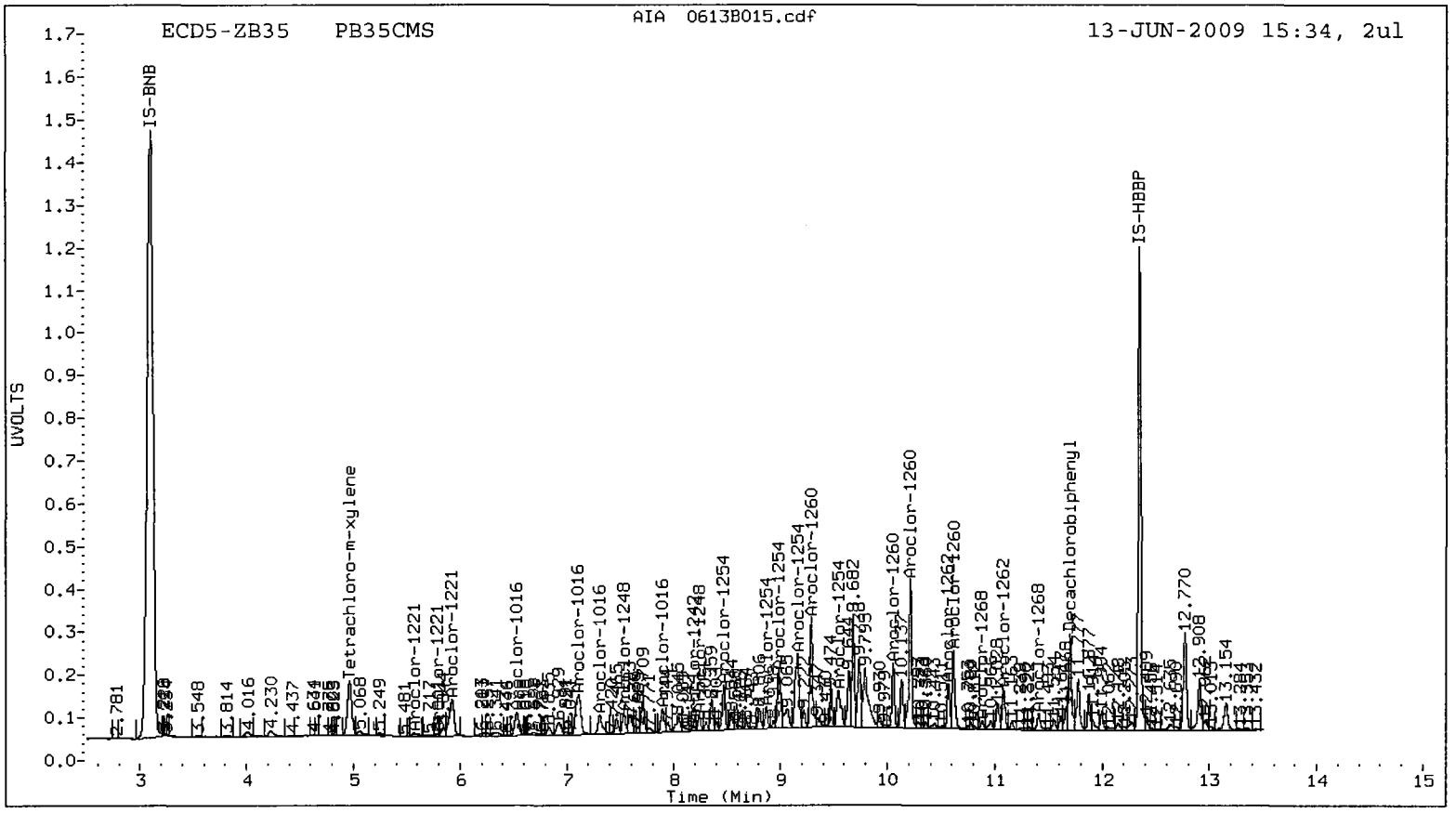
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IS-HBBP
Decachlorobiphenyl
Aroclor-1016
Aroclor-1221
Aroclor-1232
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Aroclor-1260
Aroclor-1262
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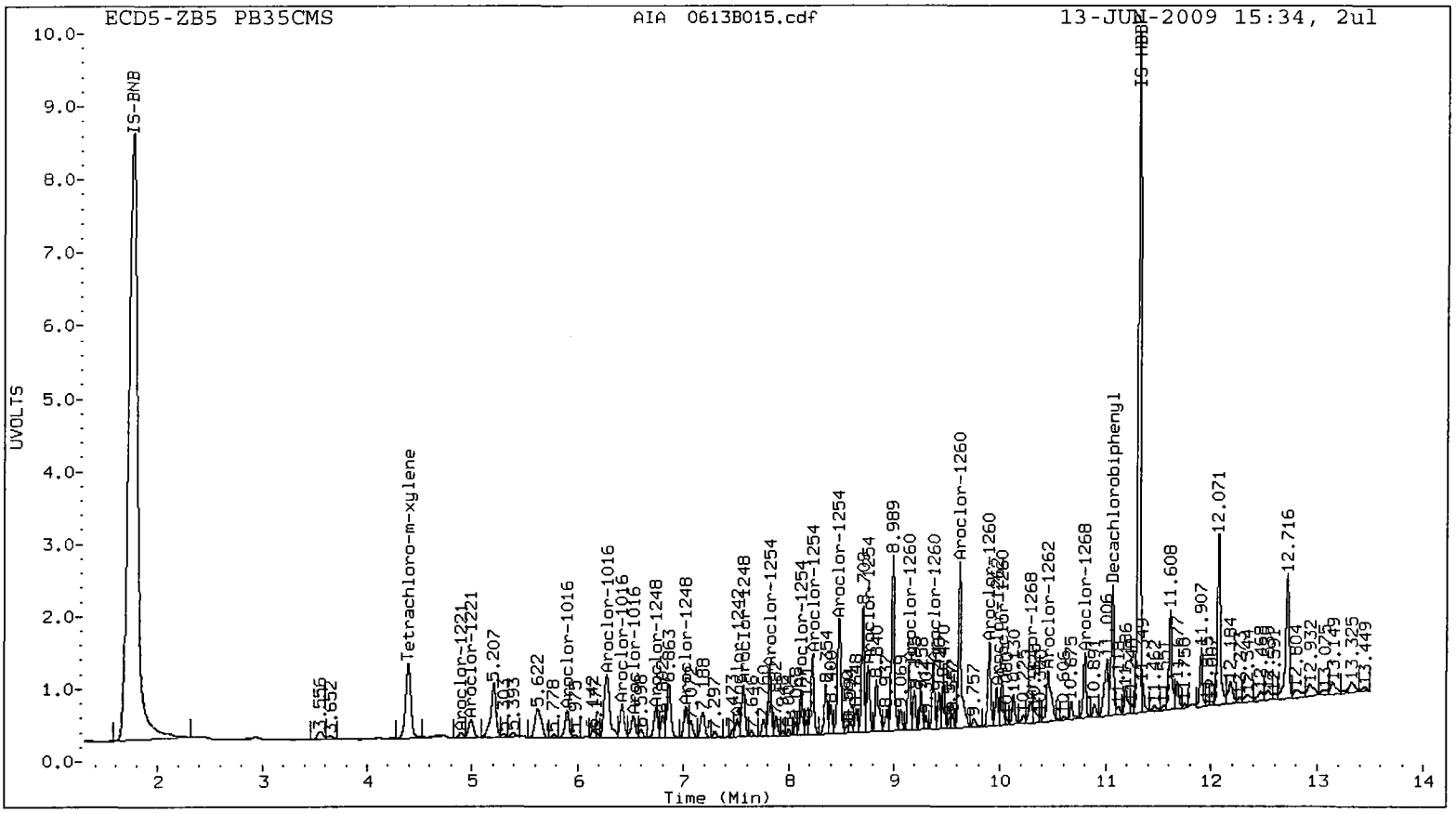
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Tetrachloro-m-xylene
Aroclor-1016
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Aroclor-1248
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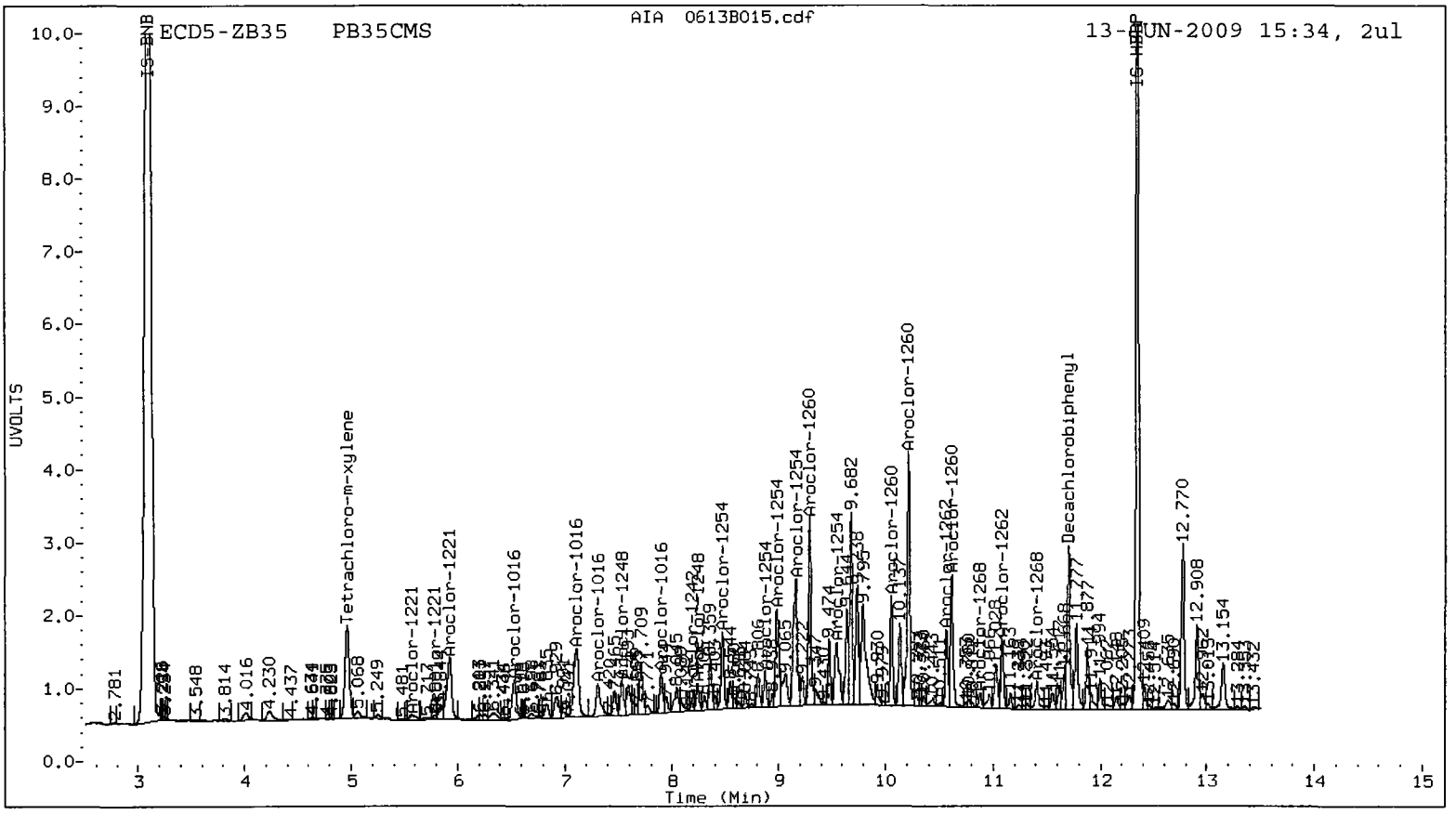
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
UVOLTS
Time (Min)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Tetrachloro-m-xylene
Aroclor-1016
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Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
UVOLTS
Time (Min)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED1-B
MATRIX SPIKE DUP

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/16/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Date Extracted: 06/09/09
Date Analyzed: 06/13/09 15:51
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 43.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.8	---
53469-21-9	Aroclor 1242	3.8	< 3.8 U
12672-29-6	Aroclor 1248	3.8	< 3.8 U
11097-69-1	**Aroclor 1254**	**3.8**	**13**
11096-82-5	Aroclor 1260	3.8	---
11104-28-2	Aroclor 1221	3.8	< 3.8 U
11141-16-5	Aroclor 1232	3.8	< 3.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	112%
Tetrachlorometaxylene	65.2%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B016.d
Data file 2: 20090606.B/0613-2.b/0613B016.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB35CMSD
Client ID:
Injection Date: 13-JUN-2009 15:51
Report Date: 06/15/2009 14:05
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	-0.006	1912125	4.964	-0.002	1919571	5.2	4.8	8.8	Tetrachloro-m-xylene
11.057	-0.003	2137155	11.702	-0.001	2815575	8.0	8.9	11.4	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	65.2	59.7
Decachlorobiphenyl	99.7	111.8

06/15/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28005431	-6.8
Hexabromobiphenyl	12924817	9770679	-24.4

✓

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31102937	-6.5
Hexabromobiphenyl	11348053	10907098	-3.9

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount	
Aroclor-1016	1	5.898	-0.003	571251	67.4	1	6.529	0.001	839811	59.3	
Aroclor-1016	2	6.274	-0.002	1784770	65.4	2	7.111	0.003	1767155	59.7	
Aroclor-1016	3	6.417	-0.002	706925	60.7	3	7.306	0.001	759320	65.7	
Aroclor-1016	4	6.523	5.523	468785	62.8	4	7.892	0.000	636263	72.1	
	Total Col1Ave (4 peaks):				64.1		Total Col2Ave (4 peaks):			64.2	RPD = 0
	Corrected Ave (3 peaks):				63.0		Corrected Ave (3 peaks):			61.5	RPD = 2
Aroclor-1221	1	4.725	-0.008	62980	4.1	1	5.572	0.006	161717	8.9	
Aroclor-1221	2	4.891	-0.004	98039	10.1	2	5.790	-0.001	69033	6.4	
Aroclor-1221	3	4.988	-0.002	420647	11.5	3	5.925	0.029	2061029	57.9	
Aroclor-1221	NS	---			----	4	7.306	-0.005	759320	134.7	
	Total Col1Ave (3 peaks):				8.6		Total Col2Ave (4 peaks):			52.0	RPD = 143*
	Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):			24.4	
Aroclor-1232	1	4.988	0.090	420647	33.6	1	5.925	0.029	2061029	177.7	
Aroclor-1232	2	5.898	-0.003	571251	94.2	2	6.529	-0.007	839811	79.1	
Aroclor-1232	3	6.274	0.001	1784770	91.9	3	7.111	-0.003	1767155	86.4	
Aroclor-1232	4	6.417	-0.008	706925	84.5	4	7.306	-0.004	759320	94.2	
	Total Col1Ave (4 peaks):				76.1		Total Col2Ave (4 peaks):			109.3	RPD = 36
	Corrected Ave (3 peaks):				70.0		Corrected Ave (3 peaks):			86.6	RPD = 21
Aroclor-1242	1	5.898	-0.005	571251	69.3	1	6.529	-0.002	839811	62.4	
Aroclor-1242	2	6.274	-0.003	1784770	68.0	2	7.111	0.001	1767155	63.9	
Aroclor-1242	3	6.417	-0.004	706925	61.8	3	7.306	0.000	759320	72.0	
Aroclor-1242	4	7.508	-0.003	266757	29.5	4	8.184	-0.001	152664	31.8	
	Total Col1Ave (4 peaks):				57.1		Total Col2Ave (4 peaks):			57.5	RPD = 1
	Corrected Ave (3 peaks):				53.1		Corrected Ave (3 peaks):			52.7	RPD = 1
Aroclor-1248	1	6.274	0.001	1784770	110.2	1	7.111	0.005	1767155	101.9	
Aroclor-1248	2	6.734	-0.004	565010	53.3	2	7.530	-0.002	530048	53.1	
Aroclor-1248	3	7.021	-0.003	599445	48.4	3	7.892	0.000	636263	48.9	
Aroclor-1248	4	7.564	-0.003	839127	42.3	4	8.238	-0.001	400242	23.7	
	Total Col1Ave (4 peaks):				63.6		Total Col2Ave (4 peaks):			56.9	RPD = 11
	Corrected Ave (3 peaks):				48.0		Corrected Ave (3 peaks):			41.9	RPD = 14
Aroclor-1254	1	7.819	-0.003	1006732	46.0	1	8.469	0.000	1048563	58.4	
Aroclor-1254	2	8.121	-0.004	626975	44.4	2	8.870	0.001	479639	40.7	
Aroclor-1254	3	8.226	-0.005	1309610	49.0	3	8.983	0.003	1666973	70.5	
Aroclor-1254	4	8.478	-0.013	1968325	70.1	4	9.161	0.020	2412389	88.0	
Aroclor-1254	5	8.759	-0.005	992580	58.7	5	9.544	0.012	1365895	84.9	
	Total Col1Ave (5 peaks):				53.6		Total Col2Ave (5 peaks):			68.5	RPD = 24
	Corrected Ave (4 peaks):				49.5		Corrected Ave (4 peaks):			63.6	RPD = 25
Aroclor-1260	1	9.145	-0.001	871376	83.1	1	9.287	0.000	2257594	110.2	
Aroclor-1260	2	9.372	-0.001	783268	78.7	2	10.057	0.003	1277195	96.1	
Aroclor-1260	3	9.618	-0.001	2529288	100.0	3	10.217	0.002	3262542	95.6	
Aroclor-1260	4	9.896	-0.002	1123204	85.6	4	10.615	0.000	1758120	86.7	
Aroclor-1260	5	10.019	-0.001	538965	84.2	NS	---			----	
	Total Col1Ave (5 peaks):				86.3		Total Col2Ave (4 peaks):			97.2	RPD = 12
	Corrected Ave (4 peaks):				82.9		Corrected Ave (3 peaks):			92.8	RPD = 11
Aroclor-1262	1	9.372	-0.002	783268	37.3	1	10.057	-0.001	1277195	46.3	
Aroclor-1262	2	9.618	-0.001	2529288	50.8	2	10.217	-0.002	3262542	49.4	
Aroclor-1262	3	9.969	-0.052	470202	22.1	3	10.567	-0.004	953978	34.5	
Aroclor-1262	4	10.019	9.019	538965	24.0	4	10.615	-0.003	1758120	43.7	
Aroclor-1262	5	10.482	0.026	1708803	93.7	5	11.088	0.005	1370122	61.6	
	Total Col1Ave (5 peaks):				45.6		Total Col2Ave (5 peaks):			47.1	RPD = 3
	Corrected Ave (4 peaks):				33.5		Corrected Ave (4 peaks):			43.5	RPD = 26
Aroclor-1268	1	9.969	-0.052	470202	11.4	1	10.567	-0.004	953978	18.8	
Aroclor-1268	2	10.019	9.019	538965	13.8	2	10.615	-0.003	1758120	37.9	
Aroclor-1268	3	10.296	-0.064	432213	13.9	3	10.883	-0.005	313354	8.7	
Aroclor-1268	4	10.798	-0.004	949112	10.6	4	11.413	-0.004	455848	4.3	
	Total Col1Ave (4 peaks):				12.4		Total Col2Ave (4 peaks):			17.4	RPD = 34

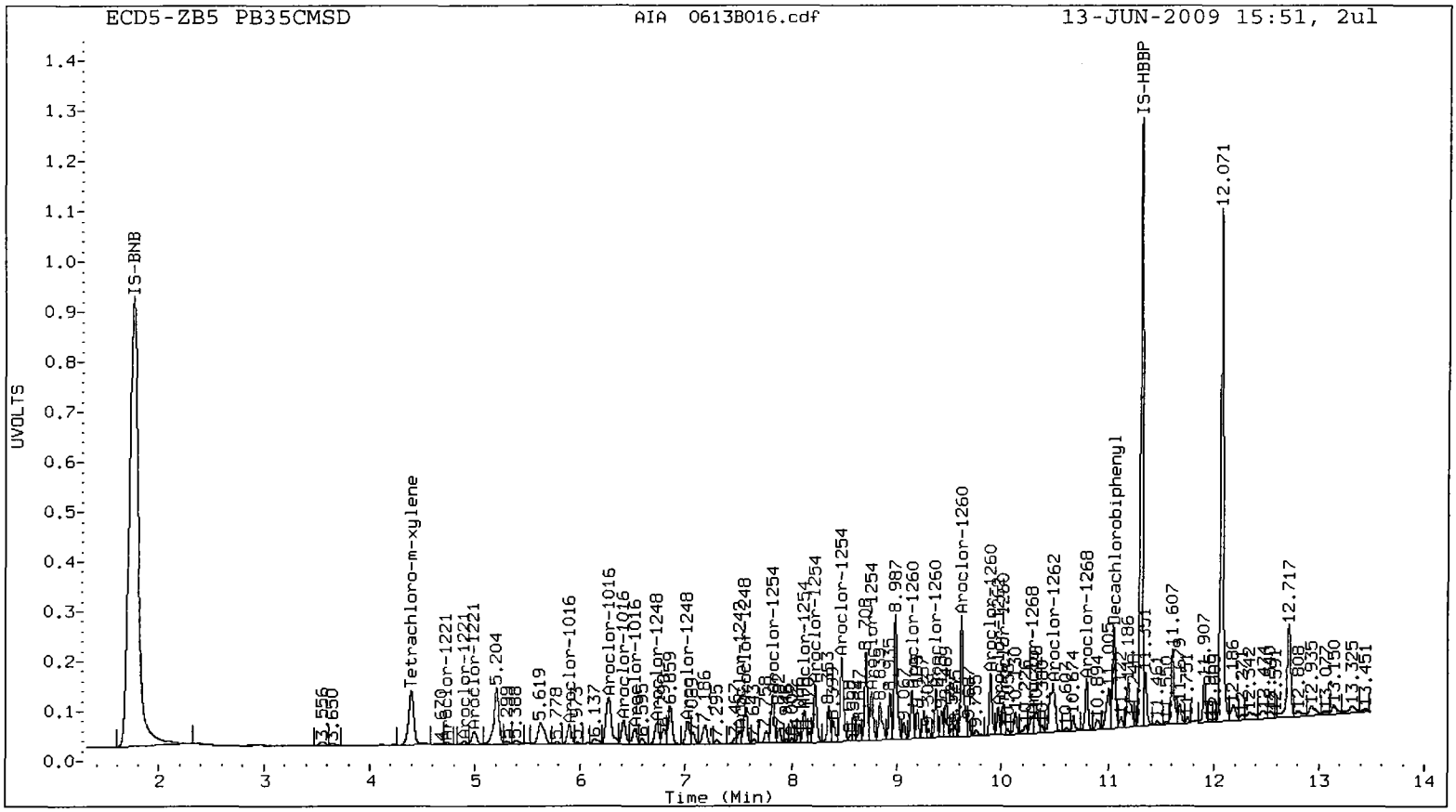
Corrected Ave (3 peaks): 12.0 Corrected Ave (3 peaks): 10.6 RPD = 12

Total PCB Area Col1 (4.498 - 10.960) = 41654413 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 48583178 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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IS-HBBP
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Decachlorobiphenyl
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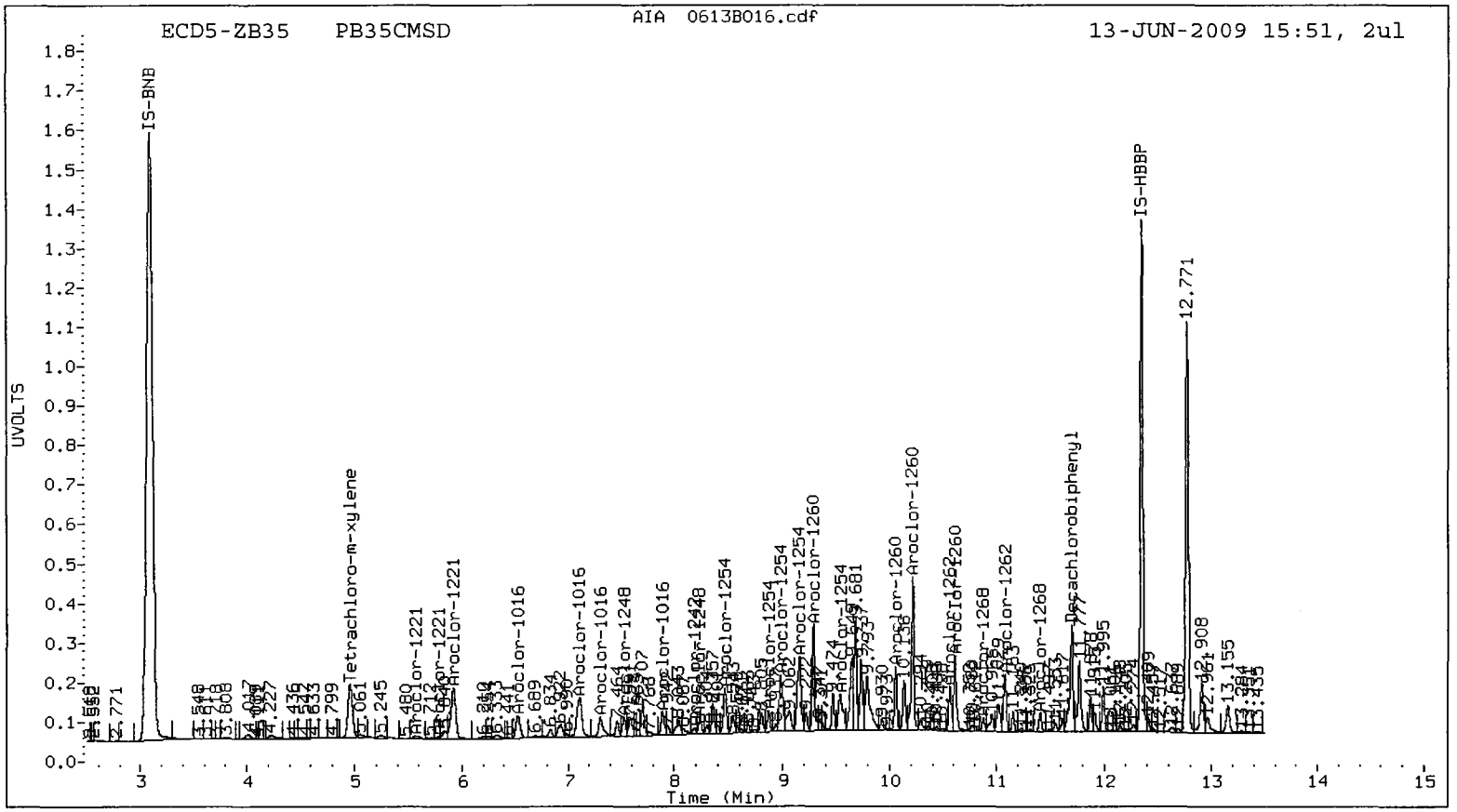
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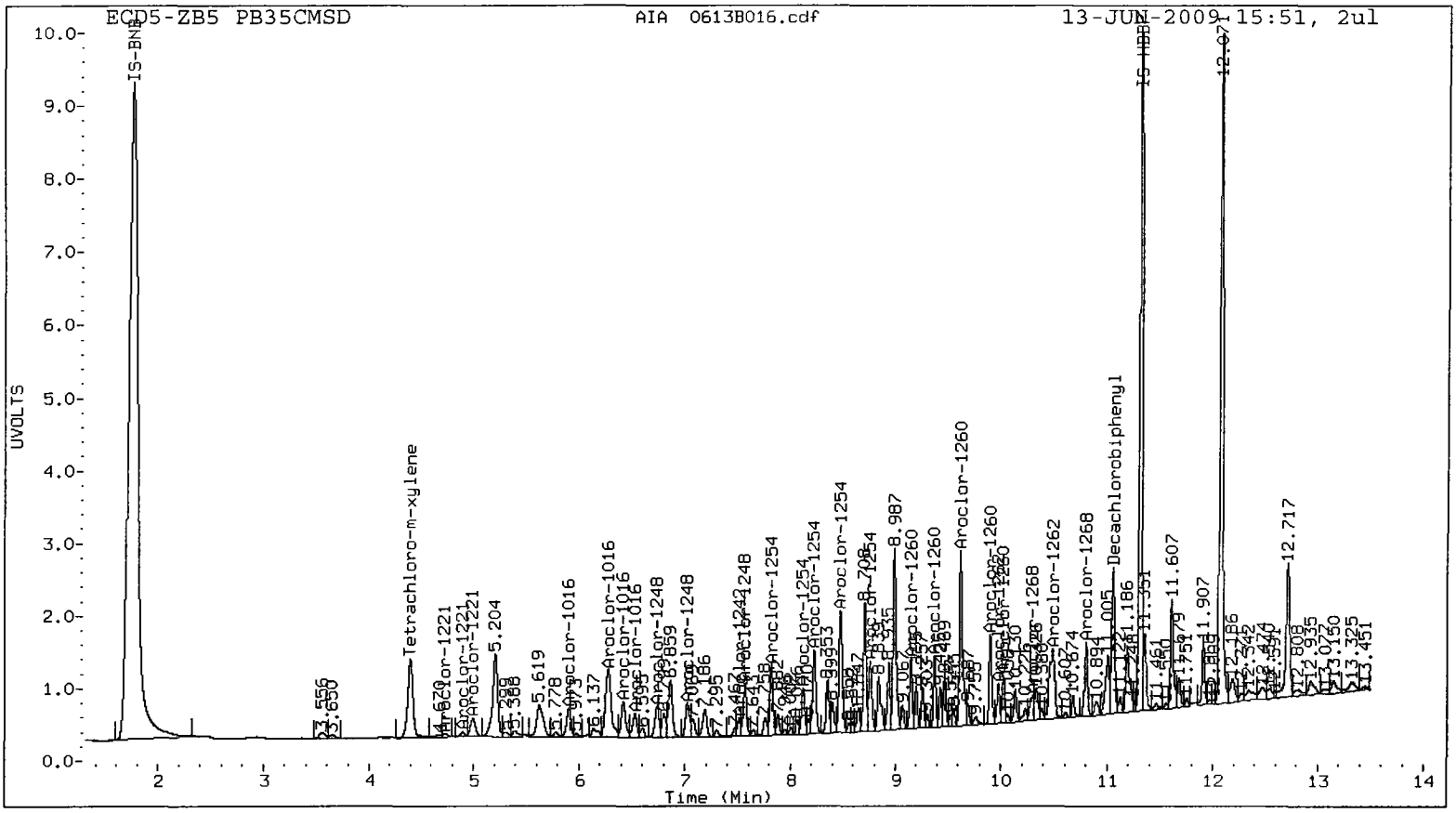
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Aroclor-1016
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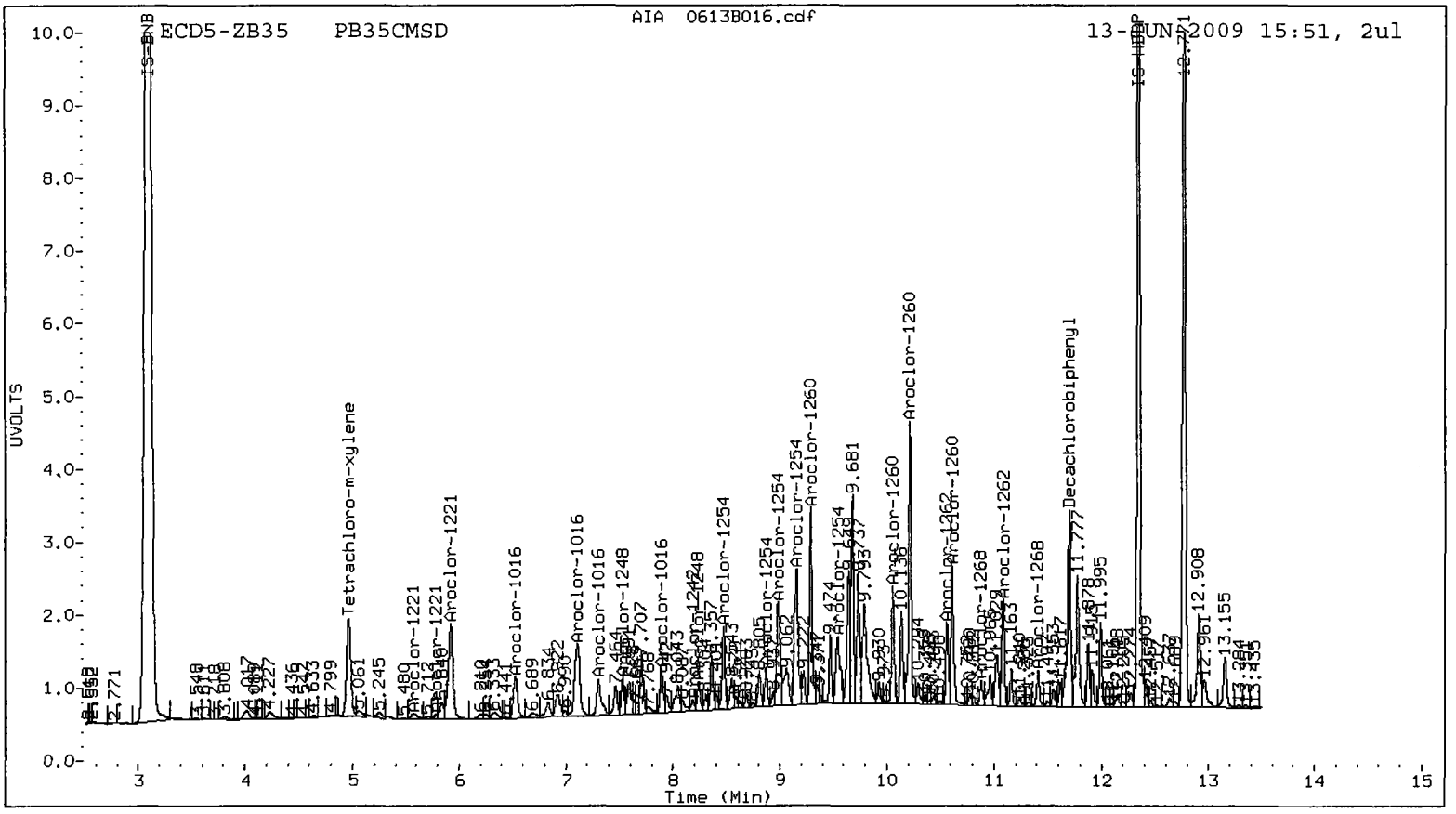
Aroclor-1268
Decachlorobiphenyl
IS-HBB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Tetrachloro-m-xylene
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Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB

PCB Analysis
Extraction Bench Sheets/Run Logs

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet

PCB – Soil / Sediment
Sonication (3550B) (SOP # 350S)

Preparation Test PCB # 7
ARI Job No(s) PB35

PSDDA (4 ppb)
Batch set up by: JH

Bottle #	ARI Sample I.D.	Verify Client ID	Volume Extracted	KD **Exchange To Hexane (X 2)**	Turbo Vap (1) 2 3	**(REQ)** Acid Clean **(1:1)** (Y)	**(REQ)** Sulfur Clean **(1:1)** (Y)	**(REQ)** Silica Gel Clean **(1:1)** (Y) N	Turbo Vap 1 (2) 3	Final Effective Volume	Volume to Lab	Comments
	MBS PB35	Date	25.00g	↓	↓	4mL	4mL	1.0mL	↓	1mL	1mL	10g Actual Weight
	SBS		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	~~SBS~~ Dup		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
3	PB35 A	Verified	40.65	↓	↓	↓	↓	↓	↓	↓	↓	↓
↓	C	↓	45.67	↓	↓	↓	↓	↓	↓	↓	↓	↓
	~~CMS~~		45.21	↓	↓	↓	↓	↓	↓	↓	↓	↓
	~~CMSd~~		45.91	↓	↓	↓	↓	↓	↓	↓	↓	↓
	E		47.41	↓	↓	↓	↓	↓	↓	↓	↓	↓
↓	G		32.03	↓	↓	↓	↓	↓	↓	↓	↓	↓
4	I		38.19	↓	↓	↓	↓	↓	↓	↓	↓	↓
3	J		40.30	↓	↓	↓	↓	↓	↓	↓	↓	↓
↓	K		25.16	↓	↓	↓	↓	↓	↓	↓	↓	↓
	M		12.54	↓	↓	↓	↓	↓	↓	↓	↓	↓
	O		25.42	↓	↓	↓	↓	↓	↓	↓	↓	↓
↓	Q	↓	12.52	↓	↓	↓	↓	↓	↓	↓	↓	↓
Analyst/Date:	NR 6/9/09			AR 06/09/09	SB 6/11/09							

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Surrogate	**D**	**200µL**	5/29/10	NR	JH
Spike	**1**	**25µL**	6/08/10	NR	JH
Extraction Time:	9:24				

SPECIAL INSTRUCTIONS: 1. Weigh soil/sed into 600mL or 400mL beakers. 2. Use 10g neutral Sodium Sulfate for the blanks. 3. Add surr/spike. 4. Add 8:2 Hexane/Acetone. 5. Dry using neutral Sodium Sulfate-25g Max at first-A small amt of Additional sulfate may be needed after 10 min. or before 2nd sonication? 6. Sonicate 3X with 8:2 Hexane/Acetone. 7. Collect into 500mL flask+Lg funnel with a small amount neutral glasswool plug only. NO SODIUM SULFATE. 8. KD (Normal Drying Column) on 100° bath. (Blanks=only 5g Sodium Sulfate). 9. Exchange (2 X with 20mL) Hexane. 10. TurboVap. 11. Clean-ups- REQUIRED=TRANSFER RINSE. 12. TurboVap. 13. Vial with Hexane.

A. Need Total Solids Y (N) B. ~~Archive~~/Freeze Y/N

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: PB 35

Client ID: Environmental Science Corp

Parameter: PCB 8500A (4 ppb)

Client Project: Jeld-Wen Narol Door

SOP Number(s): 3545

No Anomalies:

List problems, concerns, corrective actions and any other pertinent information

All of the samples were wet. WC 6/05/09

GC analyst, reduced extraction weights for samples K, M, O and Q, based on sample pre-screens. JH 6/8/09

Analyst Initials:		**Date:**	

3056F

Revision 006
1/12/07

Analytical Resources Inc.: Organics Instrument Log

ECD5 Serial No.: US00034118

Date: 06/06/09 Analysis: PCBs Analyst: JK

GC Program: PCB2 Column No: 135079 / 148678 Column Type: ZB5 / ZB35

Instrument Tune (.U or .CT.): N/A EM Voltage: N/A

Calibration File: N/A Curve Date: 06/06/09

IS/SS	Ical/Ccal	LCS/ICV
1546-3	1608-1, 3, 4	1561-1
	1609-1, 2, 3	

	Inject Date/Time	Filename	DF	LabID
1	07-JUN-2009 08:22	0606B066.d	1	IB
2	07-JUN-2009 08:39	0606B067.d	1	0.25 PPM AR
3	07-JUN-2009 08:56	0606B068.d	1	0.02 PPM AR
4	07-JUN-2009 09:13	0606B069.d	1	1 PPM AR166
5	07-JUN-2009 09:30	0606B070.d	1	0.1 PPM AR1
6	07-JUN-2009 09:48	0606B071.d	1	0.5 PPM AR1
7	07-JUN-2009 10:05	0606B072.d	1	AR1660 ICV
8	07-JUN-2009 10:22	0606B073.d	1	AR1242
9	07-JUN-2009 10:39	0606B074.d	1	AR1248
10	07-JUN-2009 10:56	0606B075.d	1	AR1254
11	07-JUN-2009 11:13	0606B076.d	1	AR2162
12	07-JUN-2009 11:30	0606B077.d	1	AR3268
13	07-JUN-2009 11:48	0606B078.d	1	0.1 PPM DDTS
14	07-JUN-2009 12:05	0606B079.d	1	DDT BD
15	07-JUN-2009 12:22	0606B080.d	1	1549.01 AR21
16	07-JUN-2009 12:39	0606B081.d	1	500PPMAR1221
17	07-JUN-2009 12:56	0606B082.d	1	AR1660
18	07-JUN-2009 13:13	0606B083.d	1	AR1242
19	07-JUN-2009 13:30	0606B084.d	1	PA75MBS1
20	07-JUN-2009 13:48	0606B085.d	1	PA75LCSS1
21	07-JUN-2009 14:05	0606B086.d	1	PA75A
22	07-JUN-2009 14:22	0606B087.d	1	PA75B
23	07-JUN-2009 14:39	0606B088.d	1	PA75C
24	07-JUN-2009 14:56	0606B089.d	1	PA75D
25	07-JUN-2009 15:13	0606B090.d	1	PA75E
26	07-JUN-2009 15:30	0606B091.d	1	AR1248
27	07-JUN-2009 15:47	0606B092.d	1	AR1660
28	07-JUN-2009 16:05	0606B093.d	1	PA75F
29	07-JUN-2009 16:22	0606B094.d	1	PA75G
30	07-JUN-2009 16:39	0606B095.d	1	PA75H
31	07-JUN-2009 16:56	0606B096.d	1	PA75I
32	07-JUN-2009 17:13	0606B097.d	1	PA75J
33	07-JUN-2009 17:30	0606B098.d	1	AR1254
34	07-JUN-2009 17:47	0606B099.d	1	AR1660
35	07-JUN-2009 18:04	0606B100.d	1	PA75K
36	07-JUN-2009 18:22	0606B101.d	1	PA75L
37	07-JUN-2009 18:39	0606B102.d	1	PA75M
38	07-JUN-2009 18:56	0606B103.d	1	PA75MMS
39	07-JUN-2009 19:13	0606B104.d	1	PA75MMSD
40	07-JUN-2009 19:30	0606B105.d	1	PA75N
41	07-JUN-2009 19:47	0606B106.d	1	AR1242
42	07-JUN-2009 20:05	0606B107.d	1	AR1660
43	07-JUN-2009 20:22	0606B108.d	1	RINSE
44	07-JUN-2009 20:39	0606B109.d	1	RINSE
45	07-JUN-2009 20:56	0606B110.d	1	RINSE
46	07-JUN-2009 21:31	0606B112.d	1	RINSE
47	07-JUN-2009 21:48	0606B113.d	1	RINSE
48	07-JUN-2009 22:05	0606B114.d	1	RINSE
49	07-JUN-2009 22:22	0606B115.d	1	RINSE
50	07-JUN-2009 22:39	0606B116.d	1	RINSE
51	07-JUN-2009 22:57	0606B117.d	1	RINSE

JK 06/10/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: PCB's curve Client ID: _____

ARI SOP: (403S(PCB)) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): PCB's, TCMX, DCB, DDTS

Instrument: FID-3A FID-3B FID-4A FID-4B FID-7 FID-8
ECD-1 ECD-3 ECD-4 (ECD-5) ECD-6 ECD-7

Dates: Curve: 06/06/09 Analysis Start: 06/06/09

Endrin/DDT Breakdown <15%? YES / NO / (NA) Method Blank In Control? (NA) ~~YES / NO~~

Cal Meets RF & %RSD Criteria? (YES) / NO LCS/LCSD Recovery In Control? YES / NO 06/08/09

CCal Meets RF & %RSD Criteria (YES) / NO Surrogate Recovery In Control? (YES) / NO

Internal Standard Meets Criteria? (YES) / NO / NA Special Analysis Criteria Met? YES / NO / (NA)

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

Additional Details on Reverse: Yes / (No)

Analyst Signature: _____ **Date:** 06/08/09

Reviewer's Signature: _____ **Date:** 6/8/09

Analytical Resources Inc.: Organics Instrument Log

ECD5 Serial No.: US00034118

Date: 06/13/09 Analysis: PCB's Analyst: JK

GC Program: PCB2 Column No: 135079/142675 Column Type: ZB5/ZB35

Instrument Tune (.U or .CT.): N/A EM Voltage: N/A

Calibration File: N/A Curve Date: 06/06/09

IS/SS	Ical/Ccal	LCS/ICV
i613-3	1608-1,3,4	
	1609-1,2,3	

	Inject Date/Time	Filename	DF	LabID
1	13-JUN-2009 10:38	0613B001.d	1	RINSE
2	13-JUN-2009 10:55	0613B002.d	1	RINSE
3	13-JUN-2009 11:12	0613B003.d	1	0.1 PPM DDTS
4	13-JUN-2009 11:29	0613B004.d	1	AR1660
5	13-JUN-2009 11:47	0613B005.d	1	AR1254
6	13-JUN-2009 12:59	0613B006.d	1	PC43MBW1
7	13-JUN-2009 13:16	0613B007.d	1	PC43LCSW1
8	13-JUN-2009 13:33	0613B008.d	1	PC43A
9	13-JUN-2009 13:51	0613B009.d	1	AR1248
10	13-JUN-2009 14:08	0613B010.d	1	AR1660
11	13-JUN-2009 14:25	0613B011.d	1	PB35MBS1
12	13-JUN-2009 14:42	0613B012.d	1	PB35LCSS1
13	13-JUN-2009 14:59	0613B013.d	5	PB35A
14	13-JUN-2009 15:17	0613B014.d	5	PB35C
15	13-JUN-2009 15:34	0613B015.d	5	PB35CMS
16	13-JUN-2009 15:51	0613B016.d	5	PB35CMSD
17	13-JUN-2009 16:08	0613B017.d	5	PB35E
18	13-JUN-2009 16:26	0613B018.d	5	PB35G
19	13-JUN-2009 16:43	0613B019.d	1	AR1242
20	13-JUN-2009 17:00	0613B020.d	1	AR1660
21	13-JUN-2009 17:17	0613B021.d	5	PB35I
22	13-JUN-2009 17:34	0613B022.d	5	PB35J
23	13-JUN-2009 17:52	0613B023.d	10	PB35K
24	13-JUN-2009 18:09	0613B024.d	10	PB35M
25	13-JUN-2009 18:26	0613B025.d	50	PB350
26	13-JUN-2009 18:43	0613B026.d	10	PB35Q
27	13-JUN-2009 19:00	0613B027.d	1	AR1254
28	13-JUN-2009 19:18	0613B028.d	1	AR1660
29	13-JUN-2009 19:35	0613B029.d	1	RINSE
30	13-JUN-2009 19:52	0613B030.d	1	RINSE
31	13-JUN-2009 20:09	0613B031.d	1	AR1248
32	13-JUN-2009 20:27	0613B032.d	1	AR1660
33	13-JUN-2009 20:44	0613B033.d	1	PC14MBS1
34	13-JUN-2009 21:01	0613B034.d	1	PC14LCSS1
35	13-JUN-2009 21:18	0613B035.d	10	PC14A
36	13-JUN-2009 21:36	0613B036.d	10	PC14B
37	13-JUN-2009 21:53	0613B037.d	10	PC14C
38	13-JUN-2009 22:10	0613B038.d	1	AR1242
39	13-JUN-2009 22:27	0613B039.d	1	AR1660
40	13-JUN-2009 22:45	0613B040.d	1	RINSE
41	13-JUN-2009 23:02	0613B041.d	1	RINSE
42	13-JUN-2009 23:19	0613B042.d	1	AR1248
43	13-JUN-2009 23:36	0613B043.d	1	AR1660
44	13-JUN-2009 23:54	0613B044.d	1	PB44MBS1
45	14-JUN-2009 00:11	0613B045.d	1	PB44LCSS1
46	14-JUN-2009 00:28	0613B046.d	5	PB44A
47	14-JUN-2009 00:45	0613B047.d	5	PB44B
48	14-JUN-2009 01:03	0613B048.d	5	PB44C
49	14-JUN-2009 01:20	0613B049.d	5	PB44D
50	14-JUN-2009 01:37	0613B050.d	5	PB44DMS
51	14-JUN-2009 01:54	0613B051.d	5	PB44DMSD
52	14-JUN-2009 02:11	0613B052.d	5	PB44E
53	14-JUN-2009 02:29	0613B053.d	5	PB44F
54	14-JUN-2009 02:46	0613B054.d	5	PB44G
55	14-JUN-2009 03:03	0613B055.d	5	PB44H
56	14-JUN-2009 03:20	0613B056.d	5	PB44I
57	14-JUN-2009 03:37	0613B057.d	1	AR1242
58	14-JUN-2009 03:55	0613B058.d	1	AR1660
59	14-JUN-2009 04:12	0613B059.d	5	PB44J
60	14-JUN-2009 04:29	0613B060.d	5	PB44K
61	14-JUN-2009 04:46	0613B061.d	5	PB44L
62	14-JUN-2009 05:03	0613B062.d	5	PB44M
63	14-JUN-2009 05:20	0613B063.d	5	PB44N
64	14-JUN-2009 05:38	0613B064.d	5	PB44O
65	14-JUN-2009 05:55	0613B065.d	1	AR1254
66	14-JUN-2009 06:12	0613B066.d	1	AR1660
67	14-JUN-2009 06:29	0613B067.d	1	RINSE
68	14-JUN-2009 06:46	0613B068.d	1	RINSE
69	14-JUN-2009 07:03	0613B069.d	1	RINSE
70	14-JUN-2009 07:21	0613B070.d	1	AR1248
71	14-JUN-2009 07:38	0613B071.d	1	AR1660
72	14-JUN-2009 07:55	0613B072.d	1	PB85MBS1
73	14-JUN-2009 08:12	0613B073.d	1	PB85LCSS1
74	14-JUN-2009 08:29	0613B074.d	1	PB85LCSDS1
75	14-JUN-2009 08:46	0613B075.d	10	PB85A
76	14-JUN-2009 09:03	0613B076.d	10	PB85B
77	14-JUN-2009 09:21	0613B077.d	10	PB85C
78	14-JUN-2009 09:38	0613B078.d	10	PB85CMS
79	14-JUN-2009 09:55	0613B079.d	10	PB85CMSD
80	14-JUN-2009 10:12	0613B080.d	10	PB85D
81	14-JUN-2009 10:29	0613B081.d	10	PB85E
82	14-JUN-2009 10:46	0613B082.d	10	PB85F
83	14-JUN-2009 11:04	0613B083.d	5	PB85G
84	14-JUN-2009 11:21	0613B084.d	10	PB85H
85	14-JUN-2009 11:38	0613B085.d	1	AR1242
86	14-JUN-2009 11:55	0613B086.d	1	AR1660
87	14-JUN-2009 12:12	0613B087.d	1	AR1242
88	14-JUN-2009 12:29	0613B088.d	1	AR1660
89	14-JUN-2009 12:46	0613B089.d	1	AR1242
90	14-JUN-2009 13:04	0613B090.d	1	AR1660

JK 06/15/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: PB35 Client ID: Jeld wen nord dor

ARI SOP: **403S**(PCB) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): PCBs TCMX DCB

Instrument: FID-3A FID-3B FID-4A FID-4B FID-7 FID-8
ECD-1 ECD-3 ECD-4 ECD-5 ECD-6 ECD-7

Dates: Curve: 06/06/09 Analysis Start: 06/13/09

Endrin/DDT Breakdown <15%? YES / NO / NA
Method Blank In Control? YES / NO

ICal Meets RF & %RSD Criteria? YES / NO
LCS/LCSD Recovery In Control? YES / NO

CCal Meets RF & %RSD Criteria YES / NO
Surrogate Recovery In Control? YES / NO

Internal Standard Meets Criteria? YES / NO / NA
Special Analysis Criteria Met? YES / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary): samples F & O identified as a mix of AR1254/60 AR1660 quant inflated by AR1254 column 1 is better fit value for AR1660

Diff. Matrix (active chromatogram) - run 5x ~~dilut~~ dilution to minimize effect. Quant low pt ICAL 20 Fit to reach lowest possible RL.

Additional Details on Reverse: Yes / No

Analyst Signature: _____ **Date:** 06/16/09

Reviewer's Signature: _____ **Date:** 6/16/09

Metals Analysis
QC Summary Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Cover Page

INORGANIC ANALYSIS DATA PACKAGE

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

SDG: PB35

CLIENT ID	ARI ID	ARI LIMS ID	REPREP
3SED1-A	PB35A	09-12717	
3SED1-AD	PB35ADUP	09-12717	
3SED1-AS	PB35ASPK	09-12717	
3SED1-B	PB35C	09-12719	
PBS	PB35MB1	09-12719	
LCSS	PB35MB1SPK	09-12719	
3SED1-C	PB35E	09-12721	
3SED2-A	PB35G	09-12723	
3SED2-B	PB35I	09-12725	
3SED2-C	PB35J	09-12726	
3SED11-A	PB35K	09-12727	
3SED11-B	PB35M	09-12729	
3SED12-A	PB35O	09-12731	
3SED12-B	PB35Q	09-12733	

Were ICP interelement corrections applied ?	Yes/No	YES
Were ICP background corrections applied ?	Yes/No	YES
If yes - were raw data generated before application of background corrections ?	Yes/No	NO

Comments: _____

THIS DATA PACKAGE HAS BEEN REVIEWED AND AUTHORIZED FOR RELEASE BY:

Signature: _____ Name: Jay Kuhn

Date: 6/12/09 Title: Inorganics Director

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED1-A
MATRIX SPIKE

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Arsenic	6010B	16	306	307	94.5%	
Cadmium	6010B	0.3 U	72.4	76.6	94.5%	
Chromium	6010B	41.2	115	76.6	96.3%	
Copper	6010B	43.7	117	76.6	95.7%	
Lead	6010B	10	289	307	90.9%	
Mercury	7471A	0.08	0.45	0.363	102%	
Silver	6010B	0.5 U	73.2	76.6	95.6%	
Zinc	6010B	74	147	76.6	95.3%	

Reported in mg/kg-dry

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED1-A
DUPLICATE

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Arsenic	6010B	16	15	6.5%	+/- 8	L
Cadmium	6010B	0.3 U	0.3 U	0.0%	+/- 0.3	L
Chromium	6010B	41.2	42.7	3.6%	+/- 20%	
Copper	6010B	43.7	42.7	2.3%	+/- 20%	
Lead	6010B	10	10	0.0%	+/- 3	L
Mercury	7471A	0.08	0.07	13.3%	+/- 0.04	L
Silver	6010B	0.5 U	0.5 U	0.0%	+/- 0.5	L
Zinc	6010B	74	74	0.0%	+/- 20%	

Reported in mg/kg-dry

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS **Sample ID: LAB CONTROL**

Lab Sample ID: PB35LCS
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Arsenic	6010B	215	200	108%	
Cadmium	6010B	50.7	50.0	101%	
Chromium	6010B	51.8	50.0	104%	
Copper	6010B	50.8	50.0	102%	
Lead	6010B	202	200	101%	
Mercury	7471A	0.52	0.50	104%	
Silver	6010B	54.4	50.0	109%	
Zinc	6010B	49	50	98.0%	

Reported in mg/kg-dry

N-Control limit not met
NA-Not Applicable, Analyte Not Spiked
Control Limits: 80-120%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS **Sample ID: METHOD BLANK**

Lab Sample ID: PB35MB
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Percent Total Solids: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	7440-38-2	Arsenic	5	5	U
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/08/09	6010B	06/10/09	7440-47-3	Chromium	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	7440-50-8	Copper	0.2	0.2	U
3050B	06/08/09	6010B	06/10/09	7439-92-1	Lead	2	2	U
CLP	06/08/09	7471A	06/10/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	7440-66-6	Zinc	1	1	U

U-Analyte undetected at given RL
RL-Reporting Limit

Calibration Verification

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

UNITS: ug/L

SDG: PB35

ANALYTE	EL	M	RUN	ICVTV	ICV	%R	CCVTV	CCV1	%R	CCV2	%R	CCV3	%R	CCV4	%R	CCV5	%R
Arsenic	AS	ICP	IP061071	2000.0	1994.59	99.7	2000.0	2005.36	100.3	2041.71	102.1	2058.67	102.9				
Cadmium	CD	ICP	IP061071	1000.0	1027.27	102.7	1000.0	1013.03	101.3	1025.40	102.5	1024.52	102.5				
Chromium	CR	ICP	IP061071	1000.0	1003.96	100.4	1000.0	1008.50	100.9	1007.02	100.7	1012.77	101.3				
Copper	CU	ICP	IP061071	1000.0	989.37	98.9	1000.0	990.64	99.1	1008.57	100.9	1013.59	101.4				
Lead	PB	ICP	IP061071	2000.0	2002.31	100.1	2000.0	1988.52	99.4	2019.93	101.0	2029.82	101.5				
Mercury	HG	CVA	HG061001	8.0	7.75	96.9	4.0	3.98	99.5	4.00	100.0	4.03	100.8	4.03	100.8	4.07	101.8
Silver	AG	ICP	IP061071	1000.0	979.89	98.0	1000.0	978.22	97.8	997.58	99.8	1002.37	100.2				
Zinc	ZN	ICP	IP061071	1000.0	981.06	98.1	1000.0	983.17	98.3	987.16	98.7	989.85	99.0				

Control Limits: Mercury 80-120; Other Metals 90-110

CRDL Standard

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

UNITS: ug/L

SDG: PB35

ANALYTE	EL	M	RUN	CRA/I TV	CR-1	%R	CR-2	%R	CR-3	%R	CR-4	%R	CR-5	%R	CR-6	%R
Arsenic	AS	ICP	IP061071	50.0	47.30	**94.6**										
Cadmium	CD	ICP	IP061071	2.0	2.41	**120.5**										
Chromium	CR	ICP	IP061071	5.0	5.14	**102.8**										
Copper	CU	ICP	IP061071	2.0	2.57	**128.5**										
Lead	PB	ICP	IP061071	20.0	20.68	**103.4**										
Mercury	HG	CVA	HG061001	0.1	0.10	**100.0**										
Silver	AG	ICP	IP061071	3.0	2.79	**93.0**										
Zinc	ZN	ICP	IP061071	10.0	13.74	**137.4**										

Control Limits: no control limits have been established by the EPA at this time.

Calibration Blanks

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

UNITS: ug/L

SDG: PB35

ANALYTE	EL	METH	RUN	CRDL	IDL	ICB	C	CCB1	C	CCB2	C	CCB3	C	CCB4	C	CCB5	C
Arsenic	AS	ICP	IP061071	10.0	50.0	50.0	U	50.0	U	50.0	U	50.0	U				
Cadmium	CD	ICP	IP061071	5.0	2.0	2.0	U	2.0	U	2.0	U	2.0	U				
Chromium	CR	ICP	IP061071	10.0	5.0	5.0	U	5.0	U	5.0	U	5.0	U				
Copper	CU	ICP	IP061071	25.0	2.0	2.0	U	2.0	U	2.0	U	2.0	U				
Lead	PB	ICP	IP061071	3.0	20.0	20.0	U	20.0	U	20.0	U	20.0	U				
Mercury	HG	CVA	HG061001	0.2	0.1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Silver	AG	ICP	IP061071	10.0	3.0	3.0	U	3.0	U	3.0	U	3.0	U				
Zinc	ZN	ICP	IP061071	20.0	10.0	10.0	U	10.0	U	10.0	U	10.0	U				

PB35 : 09525

ICP Interference Check Sample

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

ICS SOURCE: I.V.

PROJECT: JELD-WEN NORD DOOR

RUNID: IP061071

SDG: PB35

INSTRUMENT ID: OPTIMA ICP 2

UNITS: ug/L

ANALYTE	ICSA TV	ICSAB TV	ICSA1	ICSAB1	%R	ICSA2	ICSAB2	%R	ICSA3	ICSAB3	%R
Aluminum	200000	200000	198437.3	199238.1	**99.6**						
Antimony		1000	33.0	1021.7	**102.2**						
Arsenic		1000	68.3	1071.8	**107.2**						
Barium		1000	0.4	990.1	**99.0**						
Beryllium		1000	0.1	987.8	**98.8**						
Boron			-6.1	-7.3							
Cadmium		1000	-1.9	1014.9	**101.5**						
Calcium	100000	100000	100965.9	101066.2	**101.1**						
Chromium		1000	-0.4	1015.0	**101.5**						
Cobalt		1000	0.3	970.9	**97.1**						
Copper		1000	0.3	1035.5	**103.6**						
Iron	200000	200000	190328.5	188257.8	**94.1**						
Lead		1000	-14.2	949.9	**95.0**						
Magnesium	100000	100000	98854.2	98884.8	**98.9**						
Manganese		1000	-0.4	962.6	**96.3**						
Molybdenum			3.7	3.4							
Nickel		1000	-0.2	919.9	**92.0**						
Potassium			-49.6	-36.3							
Selenium		1000	-1.1	1011.7	**101.2**						
Silicon			-18.9	-16.1							
Silver		1000	-1.5	1020.7	**102.1**						
Sodium			6.6	9.7							
Strontium			0.9	0.9							
Thallium		1000	21.4	976.5	**97.7**						
Tin			-6.2	-4.9							
Titanium			11.7	11.3							
Vanadium		1000	-1.8	971.0	**97.1**						
Zinc		1000	-2.4	938.2	**93.8**						

PB35:9926

IDLs and ICP Linear Ranges

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

SDG: PB35 UNITS: ug/L

ANALYTE	EL	METH	INSTRUMENT	WAVELENTH (nm)	GFA BACK-GROUND	CLP CRDL	RL	RL DATE	ICP LINEAR RANGE (ug/L)	ICP LR DATE
Arsenic	AS	ICP	OPTIMA ICP 2	197.20		10	50.0	4/22/2009	30000.0	6/5/2009
Cadmium	CD	ICP	OPTIMA ICP 2	228.80		5	2.0	4/22/2009	20000.0	6/5/2009
Chromium	CR	ICP	OPTIMA ICP 2	267.72		10	5.0	4/22/2009	100000.0	6/5/2009
Copper	CU	ICP	OPTIMA ICP 2	324.75		25	2.0	4/22/2009	40000.0	6/5/2009
Lead	PB	ICP	OPTIMA ICP 2	220.35		3	20.0	4/22/2009	300000.0	6/5/2009
Mercury	HG	CVA	CETAC MERCURY	253.70		0.2	0.1	4/1/2009		
Silver	AG	ICP	OPTIMA ICP 2	328.07		10	3.0	4/22/2009	5000.0	6/5/2009
Zinc	ZN	ICP	OPTIMA ICP 2	213.86		20	10.0	4/22/2009	100000.0	6/5/2009

ICP Interelement Correction Factors

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

IEC DATE: 6/1/2009

SDG: PB35

INSTRUMENT ID: OPTIMA ICP 2

ANALYTE	WAVELENGTH	AL	AS	BA	BE	CA	CD	CO	CR	CU	FE
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	12.2555000	0.0000000	0.0000000
Arsenic	188.98	0.0000000	0.0000000	0.0000000	0.0000000	0.7511500	0.0000000	0.0000000	1.9261900	0.0000000	0.0000000
Barium	233.53	0.0000000	0.0000000	0.0000000	0.0000000	-0.0060768	0.0000000	-0.2681720	0.0000000	0.0000000	0.0572999
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	228.80	0.0000000	8.9479900	0.0000000	0.0000000	-0.0060381	0.0000000	0.0748695	0.0000000	0.0000000	0.0093290
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.5759660	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0053982	0.0000000	-0.0487207	0.0000000	0.0000000	-0.0555423
Cobalt	228.62	0.0000000	0.0000000	0.0672567	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.2685770	-0.0241546	0.0000000	-0.0716814
Iron	273.96	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-1.0133600	0.0000000	0.0000000
Lead	220.35	-0.1916600	0.0000000	0.0000000	0.0000000	-0.0262487	0.0000000	0.0000000	-2.3249200	1.6326000	0.0740304
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0984015	0.0000000	-1.4651500	-1.0373900	0.0000000	0.3479510
Manganese	257.61	0.0060930	0.0000000	0.0000000	0.0000000	0.0020330	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0108247	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.1792350	0.0000000	0.0000000	0.0000000	0.3817060	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-1.0048500	0.0000000	-0.1248020
Silicon	288.16	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0988868	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	11.8192000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0863752	0.0000000	7.0846000	0.5186210	0.0000000	-0.1509150
Tin	189.93	0.0000000	0.0000000	0.0000000	0.0000000	-0.0263684	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	334.90	0.0000000	0.0000000	0.0000000	0.0000000	0.2167660	0.0000000	0.0000000	0.1180350	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-4.3567700	0.0000000	0.0458695
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0140401	0.3827210	0.0000000	0.1358710	0.0000000	0.0000000

PB35:09928

ICP Interelement Correction Factors

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

IEC DATE: 6/1/2009

SDG: PB35

INSTRUMENT ID: OPTIMA ICP 2

ANALYTE	WAVELENGTH	MG	MN	MO	NI	PB	SB	TI	TL	V	ZN
Aluminum	308.22	0.0000000	0.0000000	13.6540000	0.0000000	0.0000000	0.0000000	0.8734310	0.0000000	15.5728000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	-0.2336600	0.0000000	0.0000000	-0.2111370	0.0000000	-3.8296900	0.0000000
Arsenic	188.98	0.0208650	0.0000000	-0.3024190	0.0000000	0.0000000	0.0000000	0.7555900	0.0000000	0.0000000	0.0000000
Barium	233.53	0.0000000	0.0000000	0.0000000	0.0611586	0.0000000	0.0000000	0.0000000	0.0000000	0.7332740	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	3.3358400	0.0000000
Cadmium	228.80	0.0000000	0.0000000	0.0000000	-0.8762680	0.0000000	0.0000000	0.0000000	0.0000000	0.0720255	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0553354	0.1496880	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.1852410	0.2168120	0.0000000
Cobalt	228.62	0.0000000	0.0000000	-0.3838350	0.1729370	0.0000000	0.0000000	1.9752600	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0045431	0.0000000	0.3020870	0.0000000	0.0000000	0.0000000	0.2335750	0.0000000	0.0000000	0.0000000
Iron	273.96	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	13.3912000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	-2.5084000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0086048	0.0000000	0.0000000	0.0000000	-0.2285650	0.0000000	0.0105028	0.0000000	-0.0271638	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.0608730
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.9036400	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0483630	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silicon	288.16	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	1.9788200	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.1912750	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	213.1250000	0.0000000	0.0000000	388.0540000
Thallium	190.80	0.0000000	0.0000000	-2.8707400	0.0000000	0.0702184	0.0000000	0.3748190	0.0000000	4.5219600	0.0000000
Tin	189.93	0.0000000	0.0000000	0.0000000	0.0000000	-0.0338435	-1.0198200	-0.4754160	0.0000000	0.0000000	0.0000000
Titanium	334.90	0.0000000	0.0000000	2.4190100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	-0.1493740	-0.4730220	0.0000000	0.0000000	0.0000000	0.6244000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.2630070	0.0000000	-0.0715634	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Preparation Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

ANALYSIS METHOD: ICP

PROJECT: JELD-WEN NORD DOOR

ARI PREP CODE: SWC

SDG: PB35

PREPDATE: 6/8/2009

CLIENT ID	ARI ID	MASS (g)	INITIAL VOLUME (mL)	FINAL VOLUME (mL)
3SED1-A	PB35A	1.056	0.0	50.0
3SED1-AD	PB35ADUP	1.058	0.0	50.0
3SED1-AS	PB35ASPK	1.056	0.0	50.0
3SED1-B	PB35C	1.051	0.0	50.0
3SED1-C	PB35E	1.025	0.0	50.0
3SED2-A	PB35G	1.060	0.0	50.0
3SED2-B	PB35I	1.055	0.0	50.0
3SED2-C	PB35J	1.079	0.0	50.0
3SED11-A	PB35K	1.073	0.0	50.0
3SED11-B	PB35M	1.044	0.0	50.0
PBS	PB35MB1	1.000	0.0	50.0
LCSS	PB35MB1SPK	1.000	0.0	50.0
3SED12-A	PB35O	1.038	0.0	50.0
3SED12-B	PB35Q	1.023	0.0	50.0

Preparation Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

ANALYSIS METHOD: CVA

PROJECT: JELD-WEN NORD DOOR

ARI PREP CODE: SMM

SDG: PB35

PREPDATE: 6/8/2009

CLIENT ID	ARI ID	MASS (g)	INITIAL VOLUME (mL)	FINAL VOLUME (mL)
3SED1-A	PB35A	0.220	0.0	50.0
3SED1-AD	PB35ADUP	0.220	0.0	50.0
3SED1-AS	PB35ASPK	0.223	0.0	50.0
3SED1-B	PB35C	0.289	0.0	50.0
3SED1-C	PB35E	0.241	0.0	50.0
3SED2-A	PB35G	0.272	0.0	50.0
3SED2-B	PB35I	0.260	0.0	50.0
3SED2-C	PB35J	0.259	0.0	50.0
3SED11-A	PB35K	0.214	0.0	50.0
3SED11-B	PB35M	0.279	0.0	50.0
PBS	PB35MB1	0.200	0.0	50.0
LCSW	PB35MB1SPK	0.200	0.0	50.0
3SED12-A	PB35O	0.291	0.0	50.0
3SED12-B	PB35Q	0.237	0.0	50.0

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR | INSTRUMENT ID: OPTIMA ICP 2 | START DATE: 6/10/2009

SDG: PB35 | RUNID: IP061071 | METHOD: ICP | END DATE: 6/10/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
S0	S0	1.00	11001		X		X					X		X	X									X									X
S2	S2	1.00	11040									X		X	X																		
S3	S3	1.00	11051		X		X																	X									X
S4	S4	1.00	11071																														
S5	S5	1.00	11090																														
ICV	ICV	1.00	11143		X		X					X		X	X									X									X
ICB	ICB	1.00	11170		X		X					X		X	X									X									X
CRI	CRII	1.00	11204		X		X					X		X	X									X									X
ICSA	ICSAI	1.00	11243		X		X					X		X	X									X									X
ICSAB	ICSABI	1.00	11280		X		X					X		X	X									X									X
CCV	CCV1	1.00	11311		X		X					X		X	X									X									X
CCB	CCB1	1.00	11335		X		X					X		X	X									X									X
PBS	PB35MB1	2.00	11373		X		X					X		X	X									X									X
ZZZZZZ	PB76MB	2.00	11411																														
ZZZZZZ	PB76A	2.00	11450																														
ZZZZZZ	PB76B	2.00	11483																														
ZZZZZZ	PB76C	2.00	11520																														
3SED1-B	PB35C	2.00	11553		X		X					X		X	X									X									X
3SED1-C	PB35E	2.00	11590		X		X					X		X	X									X									X
3SED2-A	PB35G	2.00	12023		X		X					X		X	X									X									X
3SED2-B	PB35I	2.00	12060		X		X					X		X	X									X									X
ZZZZZZ	PB76MBSPK	2.00	12093																														
CCV	CCV2	1.00	12130		X		X					X		X	X									X									X
CCB	CCB2	1.00	12153		X		X					X		X	X									X									X
3SED2-C	PB35J	2.00	12191		X		X					X		X	X									X									X
3SED11-A	PB35K	2.00	12225		X		X					X		X	X									X									X
3SED11-B	PB35M	2.00	12262		X		X					X		X	X									X									X
3SED12-A	PB35O	2.00	12295		X		X					X		X	X									X									X
3SED12-B	PB35Q	2.00	12332		X		X					X		X	X									X									X
3SED1-AD	PB35ADUP	2.00	12365		X		X					X		X	X									X									X
3SED1-A	PB35A	2.00	12402		X		X					X		X	X									X									X
3SED1-AS	PB35ASPK	2.00	12435		X		X					X		X	X									X									X
ZZZZZZ	ZZZZZZ	2.00	12462																														
LCSS	PB35MB1SPK	2.00	12485		X		X					X		X	X									X									X
CCV	CCV3	1.00	12522		X		X					X		X	X									X									X

FORM XIV

PB35 09532

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR | INSTRUMENT ID: OPTIMA ICP 2 | START DATE: 6/10/2009

SDG: PB35 | RUNID: IP061071 | METHOD: ICP | END DATE: 6/10/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
CCB	CCB3	1.00	12545		X		X					X		X	X									X									X

PB35:9933

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR | INSTRUMENT ID: CETAC MERCURY | START DATE: 6/10/2009

SDG: PB35 | RUNID: HG061001 | METHOD: CVA | END DATE: 6/10/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
S0	S0	1.00	10142														X																
S0.1	S0.1	1.00	10160														X																
S0.5	S0.5	1.00	10173														X																
S1	S1	1.00	10191														X																
S2	S2	1.00	10205														X																
S5	S5	1.00	10223														X																
S10	S10	1.00	10241														X																
ICV	AICV	1.00	10280														X																
ICB	ICB	1.00	10293														X																
CCV	ACCV1	1.00	10311														X																
CCB	CCB1	1.00	10325														X																
CRA	CRA	1.00	10343														X																
ZZZZZZ	PB81MB1	1.00	10361																														
ZZZZZZ	PB81MB1SPK	1.00	10374																														
ZZZZZZ	PB81A	1.00	10392																														
ZZZZZZ	PB81ADUP	1.00	10405																														
ZZZZZZ	PB81ASPK	1.00	10423																														
CCV	ACCV2	1.00	10441														X																
CCB	CCB2	1.00	10455														X																
CCV	ACCV3	1.00	10521														X																
CCB	CCB3	1.00	10535														X																
PBW	PB35MB1	1.00	10552														X																
LCSW	PB35MB1SPK	1.00	10570														X																
3SED1-A	PB35A	1.00	10583														X																
3SED1-AD	PB35ADUP	1.00	11001														X																
3SED1-AS	PB35ASPK	1.00	11014														X																
3SED1-B	PB35C	1.00	11032														X																
3SED1-C	PB35E	1.00	11050														X																
3SED2-A	PB35G	1.00	11063														X																
3SED2-B	PB35I	1.00	11081														X																
3SED2-C	PB35J	1.00	11095														X																
CCV	ACCV4	1.00	11113														X																
CCB	CCB4	1.00	11131														X																
3SED11-A	PB35K	1.00	11145														X																
3SED11-B	PB35M	1.00	11162														X																

FORM XIV

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR | INSTRUMENT ID: CETAC MERCURY | START DATE: 6/10/2009

SDG: PB35 | RUNID: HG061001 | METHOD: CVA | END DATE: 6/10/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
3SED12-A	PB35O	1.00	11180														X																
3SED12-B	PB35Q	1.00	11194														X																
CCV	ACCV5	1.00	11211														X																
CCB	CCB5	1.00	11225														X																

PB35 : 09535

Metals Analysis
Sample Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED1-A
SAMPLE

Lab Sample ID: PB35A
LIMS ID: 09-12717
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 61.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	8	**16**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.8	**41.2**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**43.7**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**10**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.04	**0.08**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**74**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED1-B
SAMPLE

Lab Sample ID: PB35C
LIMS ID: 09-12719
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 54.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	9	**16**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.9	**46.5**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**48.1**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**11**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.03	**0.09**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**80**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED1-C
SAMPLE

Lab Sample ID: PB35E
LIMS ID: 09-12721
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 54.2%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	9	**15**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.9	**41.8**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.4	**46.8**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	4	**10**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.04	**0.08**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**73**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED2-A
SAMPLE

Lab Sample ID: PB35G
LIMS ID: 09-12723
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 79.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	6	**9**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.6	**28.4**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.2	**18.4**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	2	**6**	
CLP	06/08/09	7471A	06/10/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	1	**45**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED2-B
SAMPLE

Lab Sample ID: PB35I
LIMS ID: 09-12725
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 60.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	8	**15**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.8	**41.0**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**38.9**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**15**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.03	**0.05**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**74**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED2-C
SAMPLE

Lab Sample ID: PB35J
LIMS ID: 09-12726
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 64.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	7	**15**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.7	**46.4**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**54.0**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**17**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.03	**0.07**	
3050B	06/08/09	6010B	06/10/09	**7440-22-4**	**Silver**	0.4	**1.0**	
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	1	**117**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED11-A
SAMPLE

Lab Sample ID: PB35K
LIMS ID: 09-12727
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 64.1%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	7	**11**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.7	**36.8**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**30.1**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**7**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.04	**0.05**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	1	**55**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED11-B
SAMPLE

Lab Sample ID: PB35M
LIMS ID: 09-12729
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 63.1%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	8	**12**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.8	**43.0**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**37.3**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**8**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.03	**0.06**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**65**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED12-A
SAMPLE

Lab Sample ID: PB350
LIMS ID: 09-12731
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 66.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	7	**12**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.7	**37.2**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**29.0**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**8**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.03	**0.05**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	1	**54**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED12-B
SAMPLE

Lab Sample ID: PB35Q
LIMS ID: 09-12733
Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

QC Report No: PB35-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/03/09
Date Received: 06/03/09

Percent Total Solids: 57.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/08/09	6010B	06/10/09	**7440-38-2**	**Arsenic**	8	**13**	
3050B	06/08/09	6010B	06/10/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/08/09	6010B	06/10/09	**7440-47-3**	**Chromium**	0.8	**42.0**	
3050B	06/08/09	6010B	06/10/09	**7440-50-8**	**Copper**	0.3	**37.4**	
3050B	06/08/09	6010B	06/10/09	**7439-92-1**	**Lead**	3	**8**	
CLP	06/08/09	7471A	06/10/09	**7439-97-6**	**Mercury**	0.04	**0.06**	
3050B	06/08/09	6010B	06/10/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/08/09	6010B	06/10/09	**7440-66-6**	**Zinc**	2	**64**	

U-Analyte undetected at given RL
RL-Reporting Limit

Metals Analysis
Instrument Raw Data and Logs

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

SAMPLE RUN LOG-ICP-OES-02
Perkin Elmer OPTIMA 7500
Serial No. – 077C8121202

IEC Date: 6.4.09 Analysis Date: 6.10.09 Analyst: BLW

LR Date: 6.5.09 Page: 1 of 7

All corrections made by analyst unless otherwise noted.

Edit Label	Delete Data	ARI Sample ID	Prep. Code	Dilution	Comments
		std 0			2615-7
		2			-8
		3			-9
		4			-10
		5			-11
		ICV			2587-7
		ICB			
		CRI			
		ICSA			Ti 0.01
		ICSAB			
		CCV 1			
		CCB1			
		PB35 MB1	SWC	2	
		PB76 MB			
	✓	A			Fe high - rerun'ls
		B			
		C			
		PB35 C			
		E			
		G			
		I			
		PB76 MBSpk			
		CCV 2			
		CCB2			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

SAMPLE RUN LOG-ICP-OES-02
Perkin Elmer OPTIMA 7500
Serial No. – 077C8121202

IEC Date: — Analysis Date: 6.10.09 Analyst: BW

LR Date: — Page: 2 of 7

All corrections made by analyst unless otherwise noted. BW 6.10.09

Edit Label	Delete Data	ARI Sample ID	Prep. Code	Dilution	Comments
		PB35 J	SWC	2	
		K			
		M			
		O			
		Q			
		Adup		✓	
		A			
		Aspk		✓	
label		~~222222~~ ~~A005~~			NR
		MBlspk		✓	
		CCV3			
		CCB3			
		PB77 MB	WMN		
		C			
		D			
		E			
		F			
		Bdup		✓	
		B			
		Bspk		✓	0.016 Sb 1000 0.08ml ICPspk
		PB76 1	SWC	5	
		PB77 MBspk	WMN	✓	0.016 Sb 1000 0.08 ml ICPspk
		CCV 4			
		CCB 4			

6/11/09

ANALYTICAL RESOURCES INCORPORATED

Metals Data Review Checklist

Method: ICP ICP-MS GFA CVA **Analysis Date:** 6.10.09

ICP 7	Analyst BW 6.11	Peer AG-11	Comment
Logbook:			
Analyst, Date, Method info	✓	✓	
Sample ID's	✓	✓	
Standard/QC solution ID's recorded	✓	✓	
Prep codes	✓	✓	
Dilution factors	✓	✓	
Crossouts/Corrections/Deletions	✓	✓	
Calibration:			
Blank & Standard intensities	✓	✓	
Standard deviations	✓	✓	
Curve fit	✓	✓	
Calibration Verification:			
ICV/CCV	✓	✓	
ICB/CCB	✓	✓	
Samples:			
RSD's & SD's	✓	✓	See log
Internal Standards	✓	✓	
Carry-over	✓	✓	
Method QC:			
CRI/CRA	✓	✓	
ICSA/ICSAB	✓	✓	
Post Spikes/Serial Dilutions	—	—	
Analytic Spikes	—	✓	
Matrix QC:			
SRM/LCS	✓	✓	
Matrix Spikes	✓	✓	PB67
Matrix Duplicates	✓	✓	
Method Blanks	✓	✓	
Data Distribution:			
Requested elements/isotope identified	✓	✓	
Correct samples identified for distribution	✓	✓	
Raw data match distributed data	✓	✓	
Data filename correct	✓	✓	
Necessary Analysts Notes and CAF's	✓	✓	PB67

Nebulizer Parameters: Hg_ReAlign

Analyte	Back Pressure	Flow
All	226.0 kPa	0.75 L/min

==========

6/10/2009 10:59:34 AM Hg ReAlign... Actual peak offset (nm): 0.002
Drift (nm): 0.000 Slit adjustment: 0

==========

Analysis Begun

Start Time: 6/10/2009 11:00:07 AM **Plasma On Time: 6/10/2009 10:12:28 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202Autosampler Model: AS-93plus

Sample Information File: C:\pe\metals\Sample Information\CRISET1.sif
Batch ID:
Results Data Set: I2090610
Results Library: C:\pe\metals\Results\Results.mdb

==========

Method Loaded
Method Name: 7300bcESI **Method Last Saved: 6/5/2009 10:16:45 AM**
IEC File: IEC2.iec **MSF File:**
Method Description: 12Axial Elements

Analyte	Calibration Equation	Processing	View	Internal Standard	IEC
Ag 328.068	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Al 308.215	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
As 188.979	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
B 249.677	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Ba 233.527	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Be 313.042	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Ca 317.933	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Cd 228.802	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Co 228.616	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Cr 267.716	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Cu 324.752	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Fe 273.955	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
K 766.490	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Mg 279.077	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Mn 257.610	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Mo 202.031	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Na 589.592	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Na 330.237	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Ni 231.604	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Pb 220.353	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Sb 206.836	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Se 196.026	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Si 288.158	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Sn 189.927	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Sr 421.552	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Ti 334.903	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Tl 190.801	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
V 292.402	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Zn 206.200	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
ScA 357.253	Lin, Calc Int	Peak Area	Axial	n/a	n/a
ScR 361.383	Lin, Calc Int	Peak Area	Radial	n/a	n/a

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Sequence No.: 1 **Autosampler Location: 1**
Sample ID: Calib Blank 1 **Date Collected: 6/10/2009 11:00:12 AM**
Data Type: Original

Nebulizer Parameters: Calib Blank 1

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2118460.9	13987.67	0.66%	100.0	%
ScR 361.383	530450.7	4485.25	0.85%	100.0	%
Ag 328.068†	-39.1	23.45	60.02%	[0.00]	mg/L
Al 308.215†	-41.8	10.91	26.13%	[0.00]	mg/L
As 188.979†	-15.6	3.69	23.58%	[0.00]	mg/L
B 249.677†	9.9	3.24	32.84%	[0.00]	mg/L
Ba 233.527†	111.1	3.70	3.33%	[0.00]	mg/L
Be 313.042†	1492.0	19.76	1.32%	[0.00]	mg/L
Ca 317.933†	257.9	13.18	5.11%	[0.00]	mg/L
Cd 228.802†	231.6	2.95	1.27%	[0.00]	mg/L
Co 228.616†	-118.5	2.39	2.01%	[0.00]	mg/L
Cr 267.716†	-216.8	6.52	3.01%	[0.00]	mg/L
Cu 324.752†	4078.7	7.55	0.19%	[0.00]	mg/L
Fe 273.955†	-27.9	2.27	8.12%	[0.00]	mg/L
K 766.490†	-165.1	37.39	22.65%	[0.00]	mg/L
Mg 279.077†	-24.1	10.40	43.08%	[0.00]	mg/L
Mn 257.610†	279.5	12.05	4.31%	[0.00]	mg/L
Mo 202.031†	73.9	1.12	1.52%	[0.00]	mg/L
Na 589.592†	1933.3	38.88	2.01%	[0.00]	mg/L
Na 330.237†	220.8	8.97	4.06%	[0.00]	mg/L
Ni 231.604†	59.5	2.21	3.72%	[0.00]	mg/L
Pb 220.353†	-154.9	1.15	0.74%	[0.00]	mg/L
Sb 206.836†	58.2	1.97	3.39%	[0.00]	mg/L
Se 196.026†	-86.6	2.42	2.80%	[0.00]	mg/L
Si 288.158†	80.2	10.25	12.79%	[0.00]	mg/L
Sn 189.927†	-26.1	2.86	10.95%	[0.00]	mg/L
Sr 421.552†	-602.4	15.90	2.64%	[0.00]	mg/L
Ti 334.903†	-101.0	50.91	50.43%	[0.00]	mg/L
Tl 190.801†	-25.4	1.29	5.09%	[0.00]	mg/L
V 292.402†	129.1	5.28	4.09%	[0.00]	mg/L
Zn 206.200†	-98.5	1.77	1.80%	[0.00]	mg/L

Sequence No.: 2
Sample ID: STD2

Autosampler Location: 2
Date Collected: 6/10/2009 11:04:01 AM
Data Type: Original

Nebulizer Parameters: STD2

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: STD2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2141776.2	11644.92	0.54%	101.1	%
ScR 361.383	538181.4	1437.75	0.27%	101.5	%
Ba 233.527†	113368.9	48.95	0.04%	[10]	mg/L
Cd 228.802†	181375.6	570.19	0.31%	[10]	mg/L
Co 228.616†	268891.9	972.80	0.36%	[10]	mg/L
Cr 267.716†	111482.6	203.11	0.18%	[10]	mg/L
Cu 324.752†	2522641.4	7596.42	0.30%	[10]	mg/L
Mn 257.610†	956579.2	956.03	0.10%	[10]	mg/L
V 292.402†	963266.4	1463.06	0.15%	[10]	mg/L

Sequence No.: 3
Sample ID: STD3

Autosampler Location: 3
Date Collected: 6/10/2009 11:05:16 AM
Data Type: Original

Nebulizer Parameters: STD3

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: STD3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2127669.6	20479.35	0.96%	100.4	%
ScR 361.383	528096.2	956.57	0.18%	99.56	%
Ag 328.068†	204412.4	3261.38	1.60%	[1.0]	mg/L
As 188.979†	8394.7	66.63	0.79%	[10]	mg/L
B 249.677†	108057.2	777.70	0.72%	[10]	mg/L
Be 313.042†	4235115.5	40784.92	0.96%	[5.0]	mg/L
Na 589.592†	710381.9	6468.21	0.91%	[50]	mg/L
Ni 231.604†	40536.9	66.02	0.16%	[10]	mg/L
Pb 220.353†	58265.5	311.94	0.54%	[10]	mg/L
Se 196.026†	11879.0	48.90	0.41%	[10]	mg/L
Sr 421.552†	4447744.1	56209.03	1.26%	[5]	mg/L
Tl 190.801†	14205.8	87.31	0.61%	[10]	mg/L
Zn 206.200†	42328.8	133.04	0.31%	[10]	mg/L

Sequence No.: 4
Sample ID: STD4

Autosampler Location: 4
Date Collected: 6/10/2009 11:07:18 AM
Data Type: Original

Nebulizer Parameters: STD4

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: STD4

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2132888.5	16687.43	0.78%	100.7	%
ScR 361.383	537829.6	4844.80	0.90%	101.4	%
Mo 202.031†	141220.5	1401.14	0.99%	[10]	mg/L
Sb 206.836†	22019.6	218.66	0.99%	[10]	mg/L
Si 288.158†	21040.7	239.28	1.14%	[10]	mg/L
Sn 189.927†	41518.7	359.31	0.87%	[10]	mg/L
Ti 334.903†	312991.2	3526.67	1.13%	[10]	mg/L

Sequence No.: 5
Sample ID: STD5

Autosampler Location: 5
Date Collected: 6/10/2009 11:09:01 AM
Data Type: Original

Nebulizer Parameters: STD5

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: STD5

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2015435.4	8746.24	0.43%	95.14	%
ScR 361.383	530118.0	7116.12	1.34%	99.94	%
Al 308.215†	52770.3	522.47	0.99%	[30]	mg/L
Ca 317.933†	373649.1	2275.74	0.61%	[30]	mg/L
Fe 273.955†	169252.8	1924.12	1.14%	[100]	mg/L
K 766.490†	177711.3	2246.30	1.26%	[100]	mg/L
Mg 279.077†	37482.8	336.13	0.90%	[30]	mg/L
Na 330.237†	4578.4	71.30	1.56%	[100]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin Thru 0	0.0	204400	0.00000	1.000000	
Al 308.215	1	Lin Thru 0	0.0	1759	0.00000	1.000000	
As 188.979	1	Lin Thru 0	0.0	839.5	0.00000	1.000000	
B 249.677	1	Lin Thru 0	0.0	10810	0.00000	1.000000	
Ba 233.527	1	Lin Thru 0	0.0	11340	0.00000	1.000000	
Be 313.042	1	Lin Thru 0	0.0	847000	0.00000	1.000000	
Ca 317.933	1	Lin Thru 0	0.0	12450	0.00000	1.000000	
Cd 228.802	1	Lin Thru 0	0.0	18140	0.00000	1.000000	
Co 228.616	1	Lin Thru 0	0.0	26890	0.00000	1.000000	
Cr 267.716	1	Lin Thru 0	0.0	11150	0.00000	1.000000	
Cu 324.752	1	Lin Thru 0	0.0	252300	0.00000	1.000000	
Fe 273.955	1	Lin Thru 0	0.0	1693	0.00000	1.000000	
K 766.490	1	Lin Thru 0	0.0	1777	0.00000	1.000000	
Mg 279.077	1	Lin Thru 0	0.0	1249	0.00000	1.000000	
Mn 257.610	1	Lin Thru 0	0.0	95660	0.00000	1.000000	
Mo 202.031	1	Lin Thru 0	0.0	14120	0.00000	1.000000	
Na 589.592	1	Lin Thru 0	0.0	14210	0.00000	1.000000	
Na 330.237	1	Lin Thru 0	0.0	45.78	0.00000	1.000000	
Ni 231.604	1	Lin Thru 0	0.0	4054	0.00000	1.000000	
Pb 220.353	1	Lin Thru 0	0.0	5827	0.00000	1.000000	
Sb 206.836	1	Lin Thru 0	0.0	2202	0.00000	1.000000	
Se 196.026	1	Lin Thru 0	0.0	1188	0.00000	1.000000	
Si 288.158	1	Lin Thru 0	0.0	2104	0.00000	1.000000	
Sn 189.927	1	Lin Thru 0	0.0	4152	0.00000	1.000000	
Sr 421.552	1	Lin Thru 0	0.0	889500	0.00000	1.000000	
Ti 334.903	1	Lin Thru 0	0.0	31300	0.00000	1.000000	
Tl 190.801	1	Lin Thru 0	0.0	1421	0.00000	1.000000	
V 292.402	1	Lin Thru 0	0.0	96330	0.00000	1.000000	
Zn 206.200	1	Lin Thru 0	0.0	4233	0.00000	1.000000	

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Analysis Begun

Start Time: 6/10/2009 11:14:32 AM **Plasma On Time: 6/10/2009 10:12:28 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202 **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\metals\Sample Information\0610.sif
Batch ID:
Results Data Set: I2090610
Results Library: C:\pe\metals\Results\Results.mdb

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Sequence No.: 1 **Autosampler Location: 7**
Sample ID: CV **Date Collected: 6/10/2009 11:14:33 AM**
Analyst: BLW **Data Type: Original**
Dilution: 1X

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2125183.6	100.3	%	0.74				0.73%
ScR 361.383	535783.1	101.0	%	0.74				0.73%
Ag 328.068†	200273.0	0.9799	mg/L	0.00948	0.9799	mg/L	0.00948	0.97%
Al 308.215†	3544.5	1.983	mg/L	0.0172	1.983	mg/L	0.0172	0.87%
As 188.979†	1678.0	1.995	mg/L	0.0133	1.995	mg/L	0.0133	0.67%
B 249.677†	10585.9	0.9787	mg/L	0.00699	0.9787	mg/L	0.00699	0.71%
Ba 233.527†	11403.0	1.005	mg/L	0.0114	1.005	mg/L	0.0114	1.14%
Be 313.042†	829354.2	0.9761	mg/L	0.00979	0.9761	mg/L	0.00979	1.00%
Ca 317.933†	25714.2	2.065	mg/L	0.0206	2.065	mg/L	0.0206	1.00%
Cd 228.802†	18901.6	1.027	mg/L	0.0038	1.027	mg/L	0.0038	0.37%
Co 228.616†	27106.3	1.006	mg/L	0.0041	1.006	mg/L	0.0041	0.41%
Cr 267.716†	11197.4	1.004	mg/L	0.0107	1.004	mg/L	0.0107	1.06%
Cu 324.752†	249619.2	0.9894	mg/L	0.01123	0.9894	mg/L	0.01123	1.14%
Fe 273.955†	3335.9	1.956	mg/L	0.0223	1.956	mg/L	0.0223	1.14%
K 766.490†	34399.9	19.36	mg/L	0.236	19.36	mg/L	0.236	1.22%
Mg 279.077†	2524.5	2.025	mg/L	0.0433	2.025	mg/L	0.0433	2.14%
Mn 257.610†	93461.2	0.9775	mg/L	0.00957	0.9775	mg/L	0.00957	0.98%
Mo 202.031†	13996.6	0.9911	mg/L	0.00350	0.9911	mg/L	0.00350	0.35%
Na 589.592†	706676.8	49.74	mg/L	0.419	49.74	mg/L	0.419	0.84%
Na 330.237†	2310.4	50.23	mg/L	0.572	50.23	mg/L	0.572	1.14%
Ni 231.604†	3885.4	0.9594	mg/L	0.00379	0.9594	mg/L	0.00379	0.39%
Pb 220.353†	11657.6	2.002	mg/L	0.0053	2.002	mg/L	0.0053	0.27%
Sb 206.836†	4392.7	1.996	mg/L	0.0083	1.996	mg/L	0.0083	0.41%
Se 196.026†	2372.0	1.997	mg/L	0.0084	1.997	mg/L	0.0084	0.42%
Si 288.158†	4262.9	2.032	mg/L	0.0205	2.032	mg/L	0.0205	1.01%
Sn 189.927†	4112.2	0.9928	mg/L	0.00248	0.9928	mg/L	0.00248	0.25%
Sr 421.552†	918176.7	1.032	mg/L	0.0086	1.032	mg/L	0.0086	0.83%
Ti 334.903†	31167.7	0.9927	mg/L	0.01023	0.9927	mg/L	0.01023	1.03%
Tl 190.801†	2877.8	2.018	mg/L	0.0063	2.018	mg/L	0.0063	0.31%
V 292.402†	93869.6	0.9786	mg/L	0.00542	0.9786	mg/L	0.00542	0.55%
Zn 206.200†	4151.0	0.9811	mg/L	0.01128	0.9811	mg/L	0.01128	1.15%

Sequence No.: 2
Sample ID: CB
Analyst: BLW
Dilution: 1X

Autosampler Location: 1
Date Collected: 6/10/2009 11:17:05 AM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2122349.8	100.2	%	0.43				0.43%
ScR 361.383	531674.6	100.2	%	1.75				1.75%
Ag 328.068†	-2.3	-0.00001	mg/L	0.000366	-0.00001	mg/L	0.000366	>999.9%
Al 308.215†	3.6	0.00200	mg/L	0.002795	0.00200	mg/L	0.002795	139.51%
As 188.979†	1.3	0.00160	mg/L	0.003631	0.00160	mg/L	0.003631	226.45%
B 249.677†	34.5	0.00320	mg/L	0.000788	0.00320	mg/L	0.000788	24.67%
Ba 233.527†	2.1	0.00019	mg/L	0.000304	0.00019	mg/L	0.000304	163.33%
Be 313.042†	128.1	0.00015	mg/L	0.000004	0.00015	mg/L	0.000004	2.68%
Ca 317.933†	24.0	0.00193	mg/L	0.001376	0.00193	mg/L	0.001376	71.34%
Cd 228.802†	11.0	0.00059	mg/L	0.000078	0.00059	mg/L	0.000078	13.04%
Co 228.616†	7.9	0.00030	mg/L	0.000479	0.00030	mg/L	0.000479	162.36%
Cr 267.716†	6.1	0.00055	mg/L	0.000722	0.00055	mg/L	0.000722	132.53%
Cu 324.752†	198.0	0.00078	mg/L	0.000105	0.00078	mg/L	0.000105	13.34%
Fe 273.955†	2.6	0.00150	mg/L	0.001337	0.00150	mg/L	0.001337	88.91%
K 766.490†	33.9	0.01907	mg/L	0.020036	0.01907	mg/L	0.020036	105.07%
Mg 279.077†	9.3	0.00748	mg/L	0.004573	0.00748	mg/L	0.004573	61.16%
Mn 257.610†	9.7	0.00010	mg/L	0.000005	0.00010	mg/L	0.000005	5.06%
Mo 202.031†	8.7	0.00061	mg/L	0.000232	0.00061	mg/L	0.000232	37.69%
Na 589.592†	101.6	0.00715	mg/L	0.003334	0.00715	mg/L	0.003334	46.63%
Na 330.237†	-1.5	-0.03348	mg/L	0.293027	-0.03348	mg/L	0.293027	875.30%
Ni 231.604†	-0.7	-0.00017	mg/L	0.000776	-0.00017	mg/L	0.000776	453.29%
Pb 220.353†	6.5	0.00111	mg/L	0.001099	0.00111	mg/L	0.001099	98.76%
Sb 206.836†	6.3	0.00287	mg/L	0.000573	0.00287	mg/L	0.000573	19.98%
Se 196.026†	6.0	0.00502	mg/L	0.002630	0.00502	mg/L	0.002630	52.44%
Si 288.158†	-7.3	-0.00346	mg/L	0.000612	-0.00346	mg/L	0.000612	17.71%
Sn 189.927†	3.6	0.00087	mg/L	0.000845	0.00087	mg/L	0.000845	97.18%
Sr 421.552†	176.4	0.00020	mg/L	0.000068	0.00020	mg/L	0.000068	34.08%
Ti 334.903†	3.7	0.00012	mg/L	0.000214	0.00012	mg/L	0.000214	185.88%
Tl 190.801†	2.7	0.00187	mg/L	0.003076	0.00187	mg/L	0.003076	164.66%
V 292.402†	40.1	0.00042	mg/L	0.000400	0.00042	mg/L	0.000400	95.40%
Zn 206.200†	1.2	0.00028	mg/L	0.000463	0.00028	mg/L	0.000463	163.74%

Sequence No.: 3
Sample ID: CRI
Analyst: BLW
Dilution: 1X

Autosampler Location: 301
Date Collected: 6/10/2009 11:20:49 AM
Data Type: Original

Nebulizer Parameters: CRI

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2121716.3	100.2	%	0.57				0.57%
ScR 361.383	536889.5	101.2	%	0.35				0.34%
Ag 328.068†	571.2	0.00279	mg/L	0.000167	0.00279	mg/L	0.000167	5.96%
Al 308.215†	89.2	0.05059	mg/L	0.002614	0.05059	mg/L	0.002614	5.17%
As 188.979†	39.8	0.04730	mg/L	0.003330	0.04730	mg/L	0.003330	7.04%
B 249.677†	229.9	0.02128	mg/L	0.000193	0.02128	mg/L	0.000193	0.91%
Ba 233.527†	35.0	0.00308	mg/L	0.000670	0.00308	mg/L	0.000670	21.76%
Be 313.042†	813.0	0.00095	mg/L	0.000003	0.00095	mg/L	0.000003	0.36%
Ca 317.933†	604.7	0.04855	mg/L	0.002153	0.04855	mg/L	0.002153	4.44%
Cd 228.802†	50.2	0.00241	mg/L	0.000173	0.00241	mg/L	0.000173	7.18%
Co 228.616†	82.0	0.00304	mg/L	0.000151	0.00304	mg/L	0.000151	4.97%
Cr 267.716†	57.3	0.00514	mg/L	0.000321	0.00514	mg/L	0.000321	6.25%
Cu 324.752†	648.7	0.00257	mg/L	0.000257	0.00257	mg/L	0.000257	9.99%
Fe 273.955†	85.2	0.05027	mg/L	0.000495	0.05027	mg/L	0.000495	0.98%
K 766.490†	880.2	0.4953	mg/L	0.01560	0.4953	mg/L	0.01560	3.15%
Mg 279.077†	71.7	0.05741	mg/L	0.004656	0.05741	mg/L	0.004656	8.11%
Mn 257.610†	94.1	0.00099	mg/L	0.000037	0.00099	mg/L	0.000037	3.73%
Mo 202.031†	75.8	0.00536	mg/L	0.000046	0.00536	mg/L	0.000046	0.85%
Na 589.592†	6966.3	0.4903	mg/L	0.00187	0.4903	mg/L	0.00187	0.38%
Na 330.237†	25.7	0.5552	mg/L	0.25140	0.5552	mg/L	0.25140	45.28%
Ni 231.604†	41.2	0.01021	mg/L	0.001426	0.01021	mg/L	0.001426	13.97%
Pb 220.353†	120.4	0.02068	mg/L	0.000358	0.02068	mg/L	0.000358	1.73%
Sb 206.836†	118.1	0.05369	mg/L	0.003016	0.05369	mg/L	0.003016	5.62%
Se 196.026†	64.8	0.05456	mg/L	0.003260	0.05456	mg/L	0.003260	5.98%
Si 288.158†	125.4	0.05962	mg/L	0.000889	0.05962	mg/L	0.000889	1.49%
Sn 189.927†	41.4	0.01003	mg/L	0.000734	0.01003	mg/L	0.000734	7.32%
Sr 421.552†	945.0	0.00106	mg/L	0.000065	0.00106	mg/L	0.000065	6.14%
Ti 334.903†	173.1	0.00551	mg/L	0.001555	0.00551	mg/L	0.001555	28.24%
Tl 190.801†	70.0	0.04925	mg/L	0.000714	0.04925	mg/L	0.000714	1.45%
V 292.402†	298.3	0.00312	mg/L	0.000071	0.00312	mg/L	0.000071	2.28%
Zn 206.200†	58.2	0.01374	mg/L	0.000333	0.01374	mg/L	0.000333	2.42%

Sequence No.: 4
Sample ID: ICSA
Analyst: BLW
Dilution: 1X

Autosampler Location: 302
Date Collected: 6/10/2009 11:24:33 AM
Data Type: Original

Nebulizer Parameters: ICSA

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2062734.1	97.37	%	0.730				0.75%
ScR 361.383	531482.9	100.2	%	0.30				0.30%
Ag 328.068†	-300.7	-0.00147	mg/L	0.000221	-0.00147	mg/L	0.000221	15.06%
Al 308.215†	349053.4	198.4	mg/L	0.86	198.4	mg/L	0.86	0.43%
As 188.979†	122.8	0.06829	mg/L	0.001305	0.06829	mg/L	0.001305	1.91%
B 249.677†	-66.4	-0.00614	mg/L	0.001452	-0.00614	mg/L	0.001452	23.64%
Ba 233.527†	121.5	0.00042	mg/L	0.000324	0.00042	mg/L	0.000324	76.45%
Be 313.042†	144.6	0.00015	mg/L	0.000109	0.00015	mg/L	0.000109	72.96%
Ca 317.933†	1257527.5	101.0	mg/L	0.63	101.0	mg/L	0.63	0.62%
Cd 228.802†	8.0	-0.00186	mg/L	0.000125	-0.00186	mg/L	0.000125	6.73%
Co 228.616†	10.0	0.00031	mg/L	0.000069	0.00031	mg/L	0.000069	22.13%
Cr 267.716†	-54.9	-0.00037	mg/L	0.000938	-0.00037	mg/L	0.000938	252.56%
Cu 324.752†	-3246.0	0.00032	mg/L	0.000332	0.00032	mg/L	0.000332	105.07%
Fe 273.955†	322136.5	190.3	mg/L	0.53	190.3	mg/L	0.53	0.28%
K 766.490†	-88.2	-0.04964	mg/L	0.018899	-0.04964	mg/L	0.018899	38.07%
Mg 279.077†	123606.1	98.85	mg/L	0.549	98.85	mg/L	0.549	0.56%
Mn 257.610†	177.9	-0.00042	mg/L	0.000097	-0.00042	mg/L	0.000097	23.34%
Mo 202.031†	67.3	0.00367	mg/L	0.000313	0.00367	mg/L	0.000313	8.51%
Na 589.592†	93.5	0.00658	mg/L	0.010325	0.00658	mg/L	0.010325	156.80%
Na 330.237†	75.8	0.4695	mg/L	0.08428	0.4695	mg/L	0.08428	17.95%
Ni 231.604†	-0.9	-0.00020	mg/L	0.001456	-0.00020	mg/L	0.001456	733.87%
Pb 220.353†	-237.8	-0.01421	mg/L	0.000585	-0.01421	mg/L	0.000585	4.12%
Sb 206.836†	72.8	0.03304	mg/L	0.001413	0.03304	mg/L	0.001413	4.28%
Se 196.026†	-23.9	-0.00114	mg/L	0.003106	-0.00114	mg/L	0.003106	271.70%
Si 288.158†	-39.7	-0.01886	mg/L	0.006914	-0.01886	mg/L	0.006914	36.66%
Sn 189.927†	-37.0	-0.00620	mg/L	0.000584	-0.00620	mg/L	0.000584	9.42%
Sr 421.552†	789.0	0.00089	mg/L	0.000055	0.00089	mg/L	0.000055	6.21%
Ti 334.903†	1053.0	0.01175	mg/L	0.000489	0.01175	mg/L	0.000489	4.16%
Tl 190.801†	2.0	0.02139	mg/L	0.003844	0.02139	mg/L	0.003844	17.97%
V 292.402†	669.1	-0.00182	mg/L	0.000350	-0.00182	mg/L	0.000350	19.26%
Zn 206.200†	-4.2	-0.00241	mg/L	0.000310	-0.00241	mg/L	0.000310	12.83%

Sequence No.: 5
Sample ID: ICSAB
Analyst: BLW
Dilution: 1X

Autosampler Location: 303
Date Collected: 6/10/2009 11:28:02 AM
Data Type: Original

Nebulizer Parameters: ICSAB

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2065365.9	97.49	%	0.602				0.62%
ScR 361.383	532680.0	100.4	%	0.58				0.58%
Ag 328.068†	208617.3	1.021	mg/L	0.0048	1.021	mg/L	0.0048	0.47%
Al 308.215†	350489.3	199.2	mg/L	1.16	199.2	mg/L	1.16	0.58%
As 188.979†	966.2	1.072	mg/L	0.0135	1.072	mg/L	0.0135	1.26%
B 249.677†	-61.6	-0.00731	mg/L	0.001026	-0.00731	mg/L	0.001026	14.04%
Ba 233.527†	11346.3	0.9901	mg/L	0.00527	0.9901	mg/L	0.00527	0.53%
Be 313.042†	839338.8	0.9878	mg/L	0.00476	0.9878	mg/L	0.00476	0.48%
Ca 317.933†	1258776.5	101.1	mg/L	0.52	101.1	mg/L	0.52	0.52%
Cd 228.802†	18578.7	1.015	mg/L	0.0070	1.015	mg/L	0.0070	0.69%
Co 228.616†	26112.8	0.9709	mg/L	0.00629	0.9709	mg/L	0.00629	0.65%
Cr 267.716†	11269.4	1.015	mg/L	0.0058	1.015	mg/L	0.0058	0.57%
Cu 324.752†	257848.4	1.035	mg/L	0.0076	1.035	mg/L	0.0076	0.74%
Fe 273.955†	318656.5	188.3	mg/L	1.03	188.3	mg/L	1.03	0.55%
K 766.490†	-64.5	-0.03630	mg/L	0.038542	-0.03630	mg/L	0.038542	106.19%
Mg 279.077†	123640.1	98.88	mg/L	0.402	98.88	mg/L	0.402	0.41%
Mn 257.610†	92272.9	0.9626	mg/L	0.00587	0.9626	mg/L	0.00587	0.61%
Mo 202.031†	63.8	0.00343	mg/L	0.000263	0.00343	mg/L	0.000263	7.69%
Na 589.592†	137.3	0.00966	mg/L	0.001581	0.00966	mg/L	0.001581	16.36%
Na 330.237†	97.7	0.5532	mg/L	0.25907	0.5532	mg/L	0.25907	46.83%
Ni 231.604†	3728.2	0.9199	mg/L	0.00582	0.9199	mg/L	0.00582	0.63%
Pb 220.353†	5370.9	0.9499	mg/L	0.00812	0.9499	mg/L	0.00812	0.85%
Sb 206.836†	2272.5	1.022	mg/L	0.0062	1.022	mg/L	0.0062	0.60%
Se 196.026†	1179.6	1.012	mg/L	0.0082	1.012	mg/L	0.0082	0.81%
Si 288.158†	-42.9	-0.01606	mg/L	0.006333	-0.01606	mg/L	0.006333	39.42%
Sn 189.927†	-35.3	-0.00488	mg/L	0.000739	-0.00488	mg/L	0.000739	15.17%
Sr 421.552†	781.7	0.00088	mg/L	0.000020	0.00088	mg/L	0.000020	2.27%
Ti 334.903†	1044.4	0.01134	mg/L	0.000444	0.01134	mg/L	0.000444	3.92%
Tl 190.801†	1373.4	0.9765	mg/L	0.00268	0.9765	mg/L	0.00268	0.27%
V 292.402†	93961.6	0.9710	mg/L	0.00641	0.9710	mg/L	0.00641	0.66%
Zn 206.200†	3974.9	0.9382	mg/L	0.00653	0.9382	mg/L	0.00653	0.70%

Sequence No.: 6
Sample ID: CV
Analyst: BLW
Dilution: 1X

Autosampler Location: 7
Date Collected: 6/10/2009 11:31:18 AM
Data Type: Original

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2133600.9	100.7	%	0.98				0.97%
ScR 361.383	535033.4	100.9	%	0.61				0.60%
Ag 328.068†	199931.4	0.9782	mg/L	0.01045	0.9782	mg/L	0.01045	1.07%
Al 308.215†	3593.2	2.010	mg/L	0.0115	2.010	mg/L	0.0115	0.57%
As 188.979†	1687.0	2.005	mg/L	0.0239	2.005	mg/L	0.0239	1.19%
B 249.677†	10605.6	0.9806	mg/L	0.01419	0.9806	mg/L	0.01419	1.45%
Ba 233.527†	11375.3	1.003	mg/L	0.0091	1.003	mg/L	0.0091	0.91%
Be 313.042†	831850.0	0.9790	mg/L	0.00340	0.9790	mg/L	0.00340	0.35%
Ca 317.933†	26086.5	2.094	mg/L	0.0227	2.094	mg/L	0.0227	1.08%
Cd 228.802†	18644.9	1.013	mg/L	0.0106	1.013	mg/L	0.0106	1.05%
Co 228.616†	27002.0	1.003	mg/L	0.0089	1.003	mg/L	0.0089	0.89%
Cr 267.716†	11248.1	1.009	mg/L	0.0106	1.009	mg/L	0.0106	1.05%
Cu 324.752†	249941.8	0.9906	mg/L	0.01068	0.9906	mg/L	0.01068	1.08%
Fe 273.955†	3339.2	1.958	mg/L	0.0131	1.958	mg/L	0.0131	0.67%
K 766.490†	34463.8	19.39	mg/L	0.053	19.39	mg/L	0.053	0.28%
Mg 279.077†	2528.3	2.028	mg/L	0.0294	2.028	mg/L	0.0294	1.45%
Mn 257.610†	93929.1	0.9824	mg/L	0.00403	0.9824	mg/L	0.00403	0.41%
Mo 202.031†	13884.2	0.9831	mg/L	0.00940	0.9831	mg/L	0.00940	0.96%
Na 589.592†	706417.2	49.72	mg/L	0.125	49.72	mg/L	0.125	0.25%
Na 330.237†	2312.5	50.28	mg/L	0.529	50.28	mg/L	0.529	1.05%
Ni 231.604†	3856.1	0.9522	mg/L	0.01197	0.9522	mg/L	0.01197	1.26%
Pb 220.353†	11577.2	1.989	mg/L	0.0202	1.989	mg/L	0.0202	1.02%
Sb 206.836†	4361.2	1.981	mg/L	0.0187	1.981	mg/L	0.0187	0.94%
Se 196.026†	2373.0	1.998	mg/L	0.0175	1.998	mg/L	0.0175	0.88%
Si 288.158†	4280.3	2.041	mg/L	0.0132	2.041	mg/L	0.0132	0.65%
Sn 189.927†	4104.3	0.9909	mg/L	0.00804	0.9909	mg/L	0.00804	0.81%
Sr 421.552†	914009.1	1.027	mg/L	0.0053	1.027	mg/L	0.0053	0.52%
Ti 334.903†	31562.3	1.005	mg/L	0.0005	1.005	mg/L	0.0005	0.05%
Tl 190.801†	2874.4	2.016	mg/L	0.0197	2.016	mg/L	0.0197	0.98%
V 292.402†	93700.8	0.9768	mg/L	0.01062	0.9768	mg/L	0.01062	1.09%
Zn 206.200†	4159.9	0.9832	mg/L	0.01105	0.9832	mg/L	0.01105	1.12%

Sequence No.: 7
Sample ID: CB
Analyst: BLW
Dilution: 1X

Autosampler Location: 1
Date Collected: 6/10/2009 11:33:50 AM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2114267.4	99.80	%	0.525				0.53%
ScR 361.383	537560.2	101.3	%	0.73				0.72%
Ag 328.068†	31.7	0.00016	mg/L	0.000224	0.00016	mg/L	0.000224	143.92%
Al 308.215†	18.3	0.01038	mg/L	0.004089	0.01038	mg/L	0.004089	39.40%
As 188.979†	-2.7	-0.00318	mg/L	0.002528	-0.00318	mg/L	0.002528	79.44%
B 249.677†	25.4	0.00235	mg/L	0.000158	0.00235	mg/L	0.000158	6.74%
Ba 233.527†	3.9	0.00034	mg/L	0.000316	0.00034	mg/L	0.000316	92.80%
Be 313.042†	101.4	0.00012	mg/L	0.000034	0.00012	mg/L	0.000034	28.80%
Ca 317.933†	55.1	0.00442	mg/L	0.001869	0.00442	mg/L	0.001869	42.26%
Cd 228.802†	14.1	0.00080	mg/L	0.000234	0.00080	mg/L	0.000234	29.07%
Co 228.616†	6.9	0.00026	mg/L	0.000421	0.00026	mg/L	0.000421	162.79%
Cr 267.716†	1.1	0.00010	mg/L	0.000330	0.00010	mg/L	0.000330	334.05%
Cu 324.752†	249.5	0.00099	mg/L	0.000236	0.00099	mg/L	0.000236	23.88%
Fe 273.955†	14.4	0.00851	mg/L	0.002499	0.00851	mg/L	0.002499	29.36%
K 766.490†	48.6	0.02735	mg/L	0.021339	0.02735	mg/L	0.021339	78.01%
Mg 279.077†	5.0	0.00402	mg/L	0.003662	0.00402	mg/L	0.003662	91.10%
Mn 257.610†	11.1	0.00012	mg/L	0.000063	0.00012	mg/L	0.000063	54.25%
Mo 202.031†	11.4	0.00081	mg/L	0.000384	0.00081	mg/L	0.000384	47.67%
Na 589.592†	1.7	0.00012	mg/L	0.001662	0.00012	mg/L	0.001662	>999.9%
Na 330.237†	-4.7	-0.1029	mg/L	0.22493	-0.1029	mg/L	0.22493	218.69%
Ni 231.604†	-0.9	-0.00022	mg/L	0.000906	-0.00022	mg/L	0.000906	421.33%
Pb 220.353†	6.1	0.00105	mg/L	0.000263	0.00105	mg/L	0.000263	25.10%
Sb 206.836†	6.6	0.00299	mg/L	0.001747	0.00299	mg/L	0.001747	58.43%
Se 196.026†	5.9	0.00495	mg/L	0.001103	0.00495	mg/L	0.001103	22.28%
Si 288.158†	-1.2	-0.00059	mg/L	0.003816	-0.00059	mg/L	0.003816	652.21%
Sn 189.927†	2.8	0.00068	mg/L	0.001197	0.00068	mg/L	0.001197	175.14%
Sr 421.552†	138.1	0.00016	mg/L	0.000054	0.00016	mg/L	0.000054	34.54%
Ti 334.903†	-2.8	-0.00009	mg/L	0.000049	-0.00009	mg/L	0.000049	52.14%
Tl 190.801†	-2.4	-0.00168	mg/L	0.003107	-0.00168	mg/L	0.003107	184.55%
V 292.402†	50.1	0.00052	mg/L	0.000417	0.00052	mg/L	0.000417	79.96%
Zn 206.200†	5.3	0.00125	mg/L	0.000670	0.00125	mg/L	0.000670	53.76%

Sequence No.: 8 **Autosampler Location: 304**
Sample ID: PB35 MB1 SWC **Date Collected: 6/10/2009 11:37:34 AM**
Analyst: BLW **Data Type: Original**
Dilution: 2X

Nebulizer Parameters: PB35 MB1 SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB35 MB1 SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2189703.6	103.4	%	0.64				0.62%
ScR 361.383	552389.3	104.1	%	0.26				0.25%
Ag 328.068†	-2.3	-0.00001	mg/L	0.000198	-0.00002	mg/L	0.000397	>999.9%
Al 308.215†	263.8	0.1499	mg/L	0.00428	0.2999	mg/L	0.00856	2.86%
As 188.979†	-2.3	-0.00287	mg/L	0.002982	-0.00574	mg/L	0.005965	103.98%
B 249.677†	7.9	0.00073	mg/L	0.000570	0.00146	mg/L	0.001140	78.29%
Ba 233.527†	-1.5	-0.00013	mg/L	0.000508	-0.00026	mg/L	0.001015	385.35%
Be 313.042†	-22.1	-0.00003	mg/L	0.000036	-0.00005	mg/L	0.000072	138.21%
Ca 317.933†	2248.5	0.1805	mg/L	0.00088	0.3611	mg/L	0.00175	0.49%
Cd 228.802†	2.5	0.00016	mg/L	0.000056	0.00032	mg/L	0.000112	35.12%
Co 228.616†	5.2	0.00018	mg/L	0.000118	0.00036	mg/L	0.000237	65.75%
Cr 267.716†	9.5	0.00085	mg/L	0.000338	0.00170	mg/L	0.000675	39.77%
Cu 324.752†	114.9	0.00045	mg/L	0.000218	0.00091	mg/L	0.000437	48.14%
Fe 273.955†	11.7	0.00691	mg/L	0.000954	0.01383	mg/L	0.001908	13.80%
K 766.490†	11.3	0.00639	mg/L	0.022901	0.01277	mg/L	0.045801	358.64%
Mg 279.077†	51.9	0.04150	mg/L	0.003856	0.08300	mg/L	0.007712	9.29%
Mn 257.610†	-8.1	-0.00009	mg/L	0.000062	-0.00017	mg/L	0.000123	71.12%
Mo 202.031†	5.4	0.00038	mg/L	0.000185	0.00076	mg/L	0.000370	48.33%
Na 589.592†	-57.9	-0.00407	mg/L	0.001783	-0.00815	mg/L	0.003567	43.76%
Na 330.237†	-7.4	-0.1632	mg/L	0.25962	-0.3263	mg/L	0.51924	159.12%
Ni 231.604†	-1.3	-0.00032	mg/L	0.001765	-0.00063	mg/L	0.003529	556.54%
Pb 220.353†	8.0	0.00141	mg/L	0.001426	0.00282	mg/L	0.002852	101.25%
Sb 206.836†	2.1	0.00094	mg/L	0.001952	0.00187	mg/L	0.003904	208.25%
Se 196.026†	11.7	0.00987	mg/L	0.002389	0.01975	mg/L	0.004778	24.20%
Si 288.158†	31.2	0.01484	mg/L	0.001530	0.02969	mg/L	0.003059	10.30%
Sn 189.927†	1.5	0.00036	mg/L	0.000794	0.00073	mg/L	0.001589	217.63%
Sr 421.552†	125.9	0.00014	mg/L	0.000026	0.00028	mg/L	0.000052	18.45%
Ti 334.903†	218.0	0.00692	mg/L	0.000505	0.01385	mg/L	0.001010	7.29%
Tl 190.801†	0.1	0.00002	mg/L	0.003436	0.00005	mg/L	0.006872	>999.9%
V 292.402†	-5.0	-0.00005	mg/L	0.000074	-0.00010	mg/L	0.000148	143.04%
Zn 206.200†	12.0	0.00283	mg/L	0.000113	0.00565	mg/L	0.000225	3.99%

Sequence No.: 9
Sample ID: PB76 MB SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 305
Date Collected: 6/10/2009 11:41:18 AM
Data Type: Original

Nebulizer Parameters: PB76 MB SWC

Analyte	Back Pressure	Flow
All	227.0 kPa	0.75 L/min

Mean Data: PB76 MB SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2148220.2	101.4	%	0.86				0.85%
ScR 361.383	540698.8	101.9	%	0.60				0.59%
Ag 328.068†	-23.4	-0.00011	mg/L	0.000207	-0.00023	mg/L	0.000414	180.70%
Al 308.215†	21.8	0.01239	mg/L	0.004657	0.02477	mg/L	0.009313	37.60%
As 188.979†	-3.5	-0.00413	mg/L	0.001740	-0.00827	mg/L	0.003479	42.09%
B 249.677†	12.7	0.00118	mg/L	0.000734	0.00236	mg/L	0.001469	62.37%
Ba 233.527†	0.1	0.00000	mg/L	0.000640	0.00001	mg/L	0.001281	>999.9%
Be 313.042†	-0.5	0.00000	mg/L	0.000043	0.00000	mg/L	0.000086	>999.9%
Ca 317.933†	140.3	0.01126	mg/L	0.002348	0.02252	mg/L	0.004696	20.85%
Cd 228.802†	6.0	0.00036	mg/L	0.000161	0.00073	mg/L	0.000322	44.15%
Co 228.616†	1.3	0.00005	mg/L	0.000147	0.00009	mg/L	0.000295	324.16%
Cr 267.716†	-5.2	-0.00047	mg/L	0.000336	-0.00093	mg/L	0.000672	72.00%
Cu 324.752†	176.5	0.00070	mg/L	0.000050	0.00140	mg/L	0.000100	7.15%
Fe 273.955†	12.4	0.00734	mg/L	0.001225	0.01469	mg/L	0.002450	16.68%
K 766.490†	-3.6	-0.00200	mg/L	0.023980	-0.00400	mg/L	0.047959	>999.9%
Mg 279.077†	8.6	0.00692	mg/L	0.007723	0.01384	mg/L	0.015445	111.61%
Mn 257.610†	-6.6	-0.00007	mg/L	0.000026	-0.00014	mg/L	0.000051	36.83%
Mo 202.031†	3.7	0.00026	mg/L	0.000161	0.00053	mg/L	0.000323	61.19%
Na 589.592†	-101.3	-0.00713	mg/L	0.003621	-0.01427	mg/L	0.007242	50.76%
Na 330.237†	-8.9	-0.1953	mg/L	0.24137	-0.3907	mg/L	0.48275	123.56%
Ni 231.604†	-0.2	-0.00004	mg/L	0.001553	-0.00008	mg/L	0.003105	>999.9%
Pb 220.353†	4.7	0.00080	mg/L	0.000482	0.00161	mg/L	0.000964	59.97%
Sb 206.836†	-1.8	-0.00080	mg/L	0.001817	-0.00160	mg/L	0.003633	227.26%
Se 196.026†	4.4	0.00370	mg/L	0.006076	0.00741	mg/L	0.012152	164.07%
Si 288.158†	10.7	0.00510	mg/L	0.003528	0.01020	mg/L	0.007055	69.14%
Sn 189.927†	2.8	0.00067	mg/L	0.000212	0.00134	mg/L	0.000423	31.66%
Sr 421.552†	112.3	0.00013	mg/L	0.000038	0.00025	mg/L	0.000077	30.44%
Ti 334.903†	34.2	0.00109	mg/L	0.000640	0.00218	mg/L	0.001280	58.71%
Tl 190.801†	-3.4	-0.00243	mg/L	0.001666	-0.00485	mg/L	0.003332	68.65%
V 292.402†	-5.6	-0.00006	mg/L	0.000039	-0.00012	mg/L	0.000079	64.54%
Zn 206.200†	17.4	0.00410	mg/L	0.000976	0.00821	mg/L	0.001952	23.79%

Sequence No.: 10
Sample ID: PB76 A SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 306
Date Collected: 6/10/2009 11:45:01 AM
Data Type: Original

Nebulizer Parameters: PB76 A SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

rerun

Mean Data: PB76 A SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2110962.6	99.65	%	0.367				0.37%
ScR 361.383	537720.0	101.4	%	1.13				1.12%
Ag 328.068†	-19.8	-0.00003	mg/L	0.000144	-0.00006	mg/L	0.000289	450.92%
Al 308.215†	228161.5	129.7	mg/L	0.56	259.4	mg/L	1.11	0.43%
As 188.979†	231.6	0.2083	mg/L	0.00566	0.4165	mg/L	0.01132	2.72%
B 249.677†	463.2	0.04271	mg/L	0.000679	0.08543	mg/L	0.001359	1.59%
Ba 233.527†	10765.1	0.9326	mg/L	0.00514	1.865	mg/L	0.0103	0.55%
Be 313.042†	2529.6	0.00140	mg/L	0.000022	0.00280	mg/L	0.000044	1.57%
Ca 317.933†	873436.1	70.13	mg/L	0.379	140.3	mg/L	0.76	0.54%
Cd 228.802†	131.8	0.00294	mg/L	0.000194	0.00589	mg/L	0.000389	6.61%
Co 228.616†	2822.3	0.09311	mg/L	0.000364	0.1862	mg/L	0.00073	0.39%
Cr 267.716†	2050.8	0.1955	mg/L	0.00036	0.3910	mg/L	0.00073	0.19%
Cu 324.752†	149553.5	0.6123	mg/L	0.00208	1.225	mg/L	0.0042	0.34%
Fe 273.955†	503827.9	297.7	mg/L	1.34	595.3	mg/L	2.68	0.45%
K 766.490†	14060.4	7.912	mg/L	0.0250	15.82	mg/L	0.050	0.32%
Mg 279.077†	72251.9	57.72	mg/L	0.281	115.4	mg/L	0.56	0.49%
Mn 257.610†	801779.6	8.380	mg/L	0.0599	16.76	mg/L	0.120	0.71%
Mo 202.031†	349.0	0.02395	mg/L	0.000176	0.04790	mg/L	0.000352	0.74%
Na 589.592†	332702.0	23.42	mg/L	0.070	46.83	mg/L	0.140	0.30%
Na 330.237†	1153.4	24.49	mg/L	0.196	48.99	mg/L	0.392	0.80%
Ni 231.604†	1059.4	0.2611	mg/L	0.00209	0.5222	mg/L	0.00418	0.80%
Pb 220.353†	2255.8	0.3915	mg/L	0.00357	0.7829	mg/L	0.00714	0.91%
Sb 206.836†	75.7	0.03425	mg/L	0.005308	0.06850	mg/L	0.010616	15.50%
Se 196.026†	-29.8	0.00929	mg/L	0.001817	0.01858	mg/L	0.003634	19.55%
Si 288.158†	1760.7	0.8370	mg/L	0.00306	1.674	mg/L	0.0061	0.37%
Sn 189.927†	167.3	0.04488	mg/L	0.000445	0.08977	mg/L	0.000891	0.99%
Sr 421.552†	574025.8	0.6453	mg/L	0.00134	1.291	mg/L	0.0027	0.21%
Ti 334.903†	197002.8	6.279	mg/L	0.0667	12.56	mg/L	0.133	1.06%
Tl 190.801†	-19.2	0.02284	mg/L	0.002947	0.04567	mg/L	0.005894	12.91%
V 292.402†	48273.7	0.4861	mg/L	0.00335	0.9722	mg/L	0.00670	0.69%
Zn 206.200†	11726.6	2.769	mg/L	0.0178	5.539	mg/L	0.0356	0.64%

Sequence No.: 11
Sample ID: PB76 B SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 307
Date Collected: 6/10/2009 11:48:32 AM
Data Type: Original

Nebulizer Parameters: PB76 B SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB76 B SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2136843.3	100.9	%	0.66				0.66%
ScR 361.383	549325.9	103.6	%	0.99				0.95%
Ag 328.068†	100.5	0.00052	mg/L	0.000117	0.00103	mg/L	0.000234	22.69%
Al 308.215†	147510.6	83.85	mg/L	0.479	167.7	mg/L	0.96	0.57%
As 188.979†	136.6	0.1203	mg/L	0.00749	0.2405	mg/L	0.01497	6.23%
B 249.677†	453.9	0.04191	mg/L	0.000989	0.08382	mg/L	0.001977	2.36%
Ba 233.527†	5732.1	0.4966	mg/L	0.00277	0.9931	mg/L	0.00554	0.56%
Be 313.042†	1921.8	0.00104	mg/L	0.000022	0.00208	mg/L	0.000044	2.13%
Ca 317.933†	501587.5	40.27	mg/L	0.249	80.54	mg/L	0.499	0.62%
Cd 228.802†	153.2	0.00625	mg/L	0.000077	0.01249	mg/L	0.000154	1.23%
Co 228.616†	1981.3	0.06319	mg/L	0.000191	0.1264	mg/L	0.00038	0.30%
Cr 267.716†	4858.4	0.4414	mg/L	0.00336	0.8829	mg/L	0.00673	0.76%
Cu 324.752†	179950.2	0.7230	mg/L	0.00937	1.446	mg/L	0.0187	1.30%
Fe 273.955†	266228.0	157.3	mg/L	0.75	314.6	mg/L	1.51	0.48%
K 766.490†	9915.0	5.579	mg/L	0.0342	11.16	mg/L	0.068	0.61%
Mg 279.077†	46659.0	37.29	mg/L	0.224	74.57	mg/L	0.447	0.60%
Mn 257.610†	447050.6	4.673	mg/L	0.0348	9.345	mg/L	0.0695	0.74%
Mo 202.031†	538.5	0.03770	mg/L	0.000331	0.07540	mg/L	0.000662	0.88%
Na 589.592†	160917.0	11.33	mg/L	0.070	22.65	mg/L	0.139	0.62%
Na 330.237†	567.1	12.04	mg/L	0.237	24.08	mg/L	0.474	1.97%
Ni 231.604†	1437.0	0.3544	mg/L	0.00341	0.7087	mg/L	0.00682	0.96%
Pb 220.353†	3893.9	0.6739	mg/L	0.00522	1.348	mg/L	0.0104	0.78%
Sb 206.836†	62.3	0.02436	mg/L	0.001294	0.04873	mg/L	0.002589	5.31%
Se 196.026†	-14.3	0.00580	mg/L	0.002381	0.01160	mg/L	0.004761	41.05%
Si 288.158†	3840.8	1.826	mg/L	0.0069	3.652	mg/L	0.0139	0.38%
Sn 189.927†	239.6	0.06121	mg/L	0.001197	0.1224	mg/L	0.00239	1.96%
Sr 421.552†	322324.7	0.3623	mg/L	0.00268	0.7247	mg/L	0.00537	0.74%
Ti 334.903†	174717.9	5.573	mg/L	0.0475	11.15	mg/L	0.095	0.85%
Tl 190.801†	-1.0	0.01756	mg/L	0.001421	0.03512	mg/L	0.002841	8.09%
V 292.402†	37432.4	0.3809	mg/L	0.00439	0.7618	mg/L	0.00879	1.15%
Zn 206.200†	10259.6	2.423	mg/L	0.0125	4.847	mg/L	0.0250	0.52%

Sequence No.: 12
Sample ID: PB76 C SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 308
Date Collected: 6/10/2009 11:52:02 AM
Data Type: Original

Nebulizer Parameters: PB76 C SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB76 C SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2128964.8	100.5	%	0.12				0.12%
ScR 361.383	546909.9	103.1	%	1.31				1.27%
Ag 328.068†	195.4	0.00098	mg/L	0.000377	0.00196	mg/L	0.000754	38.39%
Al 308.215†	238874.3	135.8	mg/L	0.31	271.6	mg/L	0.61	0.23%
As 188.979†	159.9	0.1350	mg/L	0.00691	0.2700	mg/L	0.01381	5.12%
B 249.677†	469.4	0.04329	mg/L	0.000574	0.08658	mg/L	0.001148	1.33%
Ba 233.527†	6627.0	0.5722	mg/L	0.00298	1.144	mg/L	0.0060	0.52%
Be 313.042†	2842.5	0.00175	mg/L	0.000070	0.00349	mg/L	0.000140	4.02%
Ca 317.933†	646683.7	51.92	mg/L	0.143	103.8	mg/L	0.29	0.27%
Cd 228.802†	171.8	0.00658	mg/L	0.000310	0.01316	mg/L	0.000621	4.71%
Co 228.616†	2754.2	0.08774	mg/L	0.000275	0.1755	mg/L	0.00055	0.31%
Cr 267.716†	4042.4	0.3701	mg/L	0.00186	0.7402	mg/L	0.00372	0.50%
Cu 324.752†	247156.1	0.9928	mg/L	0.00530	1.986	mg/L	0.0106	0.53%
Fe 273.955†	362545.5	214.2	mg/L	1.15	428.4	mg/L	2.31	0.54%
K 766.490†	16751.8	9.426	mg/L	0.0730	18.85	mg/L	0.146	0.77%
Mg 279.077†	74435.2	59.50	mg/L	0.172	119.0	mg/L	0.34	0.29%
Mn 257.610†	454522.5	4.750	mg/L	0.0110	9.501	mg/L	0.0221	0.23%
Mo 202.031†	399.0	0.02769	mg/L	0.000757	0.05538	mg/L	0.001514	2.73%
Na 589.592†	194614.2	13.70	mg/L	0.034	27.40	mg/L	0.068	0.25%
Na 330.237†	684.6	14.60	mg/L	0.133	29.19	mg/L	0.265	0.91%
Ni 231.604†	1424.8	0.3513	mg/L	0.00309	0.7027	mg/L	0.00618	0.88%
Pb 220.353†	5651.2	0.9810	mg/L	0.00360	1.962	mg/L	0.0072	0.37%
Sb 206.836†	74.2	0.03155	mg/L	0.000967	0.06310	mg/L	0.001935	3.07%
Se 196.026†	-12.8	0.01308	mg/L	0.003051	0.02616	mg/L	0.006101	23.32%
Si 288.158†	3642.5	1.732	mg/L	0.0137	3.463	mg/L	0.0274	0.79%
Sn 189.927†	332.4	0.08484	mg/L	0.000824	0.1697	mg/L	0.00165	0.97%
Sr 421.552†	432799.1	0.4865	mg/L	0.00206	0.9731	mg/L	0.00411	0.42%
Ti 334.903†	244864.3	7.812	mg/L	0.0291	15.62	mg/L	0.058	0.37%
Tl 190.801†	-9.3	0.01870	mg/L	0.003537	0.03741	mg/L	0.007075	18.91%
V 292.402†	49032.9	0.4973	mg/L	0.00243	0.9946	mg/L	0.00486	0.49%
Zn 206.200†	13621.8	3.218	mg/L	0.0209	6.435	mg/L	0.0419	0.65%

Sequence No.: 13
Sample ID: PB35 C SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 309
Date Collected: 6/10/2009 11:55:32 AM
Data Type: Original

Nebulizer Parameters: PB35 C SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB35 C SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2135425.3	100.8	%	1.22				1.21%
ScR 361.383	540180.0	101.8	%	1.01				1.00%
Ag 328.068†	-112.0	-0.00050	mg/L	0.000075	-0.00099	mg/L	0.000150	15.08%
Al 308.215†	180388.4	102.5	mg/L	0.56	205.1	mg/L	1.13	0.55%
As 188.979†	103.7	0.09234	mg/L	0.010328	0.1847	mg/L	0.02066	11.19%
B 249.677†	671.0	0.06199	mg/L	0.001128	0.1240	mg/L	0.00226	1.82%
Ba 233.527†	2667.6	0.2272	mg/L	0.00308	0.4544	mg/L	0.00616	1.36%
Be 313.042†	2291.5	0.00171	mg/L	0.000057	0.00341	mg/L	0.000113	3.32%
Ca 317.933†	333077.7	26.74	mg/L	0.118	53.49	mg/L	0.235	0.44%
Cd 228.802†	47.7	0.00071	mg/L	0.000209	0.00142	mg/L	0.000418	29.46%
Co 228.616†	1837.7	0.05827	mg/L	0.000817	0.1165	mg/L	0.00163	1.40%
Cr 267.716†	2940.8	0.2681	mg/L	0.00214	0.5362	mg/L	0.00427	0.80%
Cu 324.752†	67786.2	0.2771	mg/L	0.00280	0.5542	mg/L	0.00560	1.01%
Fe 273.955†	237398.6	140.3	mg/L	1.23	280.5	mg/L	2.46	0.88%
K 766.490†	16943.8	9.534	mg/L	0.0461	19.07	mg/L	0.092	0.48%
Mg 279.077†	68376.8	54.68	mg/L	0.230	109.4	mg/L	0.46	0.42%
Mn 257.610†	164753.3	1.721	mg/L	0.0090	3.442	mg/L	0.0180	0.52%
Mo 202.031†	87.5	0.00591	mg/L	0.000098	0.01181	mg/L	0.000196	1.66%
Na 589.592†	265017.2	18.65	mg/L	0.076	37.31	mg/L	0.151	0.41%
Na 330.237†	844.9	19.05	mg/L	0.256	38.09	mg/L	0.512	1.34%
Ni 231.604†	945.9	0.2333	mg/L	0.00097	0.4666	mg/L	0.00194	0.42%
Pb 220.353†	300.2	0.06178	mg/L	0.000579	0.1236	mg/L	0.00116	0.94%
Sb 206.836†	43.3	0.01721	mg/L	0.001253	0.03441	mg/L	0.002506	7.28%
Se 196.026†	-8.9	0.00739	mg/L	0.003514	0.01477	mg/L	0.007028	47.57%
Si 288.158†	6081.0	2.890	mg/L	0.0414	5.781	mg/L	0.0828	1.43%
Sn 189.927†	-16.1	-0.00085	mg/L	0.000712	-0.00170	mg/L	0.001423	83.84%
Sr 421.552†	186562.3	0.2097	mg/L	0.00141	0.4195	mg/L	0.00282	0.67%
Ti 334.903†	168182.0	5.368	mg/L	0.0478	10.74	mg/L	0.096	0.89%
Tl 190.801†	-7.1	0.01214	mg/L	0.003201	0.02427	mg/L	0.006402	26.37%
V 292.402†	30428.3	0.3080	mg/L	0.00469	0.6160	mg/L	0.00938	1.52%
Zn 206.200†	1945.9	0.4595	mg/L	0.00373	0.9189	mg/L	0.00745	0.81%

Sequence No.: 14
Sample ID: PB35 E SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 310
Date Collected: 6/10/2009 11:59:02 AM
Data Type: Original

Nebulizer Parameters: PB35 E SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB35 E SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2108031.9	99.51	%	0.543				0.55%
ScR 361.383	545849.7	102.9	%	0.28				0.27%
Ag 328.068†	-88.9	-0.00039	mg/L	0.000221	-0.00078	mg/L	0.000441	56.58%
Al 308.215†	159944.2	90.92	mg/L	0.213	181.8	mg/L	0.43	0.23%
As 188.979†	96.6	0.08501	mg/L	0.007438	0.1700	mg/L	0.01488	8.75%
B 249.677†	617.0	0.05700	mg/L	0.000353	0.1140	mg/L	0.00071	0.62%
Ba 233.527†	2389.4	0.2036	mg/L	0.00074	0.4071	mg/L	0.00148	0.36%
Be 313.042†	1981.7	0.00145	mg/L	0.000012	0.00290	mg/L	0.000024	0.83%
Ca 317.933†	331794.4	26.64	mg/L	0.039	53.28	mg/L	0.078	0.15%
Cd 228.802†	40.8	0.00051	mg/L	0.000167	0.00102	mg/L	0.000335	32.81%
Co 228.616†	1665.4	0.05273	mg/L	0.000533	0.1055	mg/L	0.00107	1.01%
Cr 267.716†	2549.0	0.2324	mg/L	0.00193	0.4648	mg/L	0.00386	0.83%
Cu 324.752†	63743.0	0.2601	mg/L	0.00215	0.5203	mg/L	0.00430	0.83%
Fe 273.955†	211410.5	124.9	mg/L	0.58	249.8	mg/L	1.16	0.46%
K 766.490†	15096.0	8.495	mg/L	0.0558	16.99	mg/L	0.112	0.66%
Mg 279.077†	61785.4	49.41	mg/L	0.184	98.81	mg/L	0.368	0.37%
Mn 257.610†	150026.1	1.567	mg/L	0.0049	3.135	mg/L	0.0097	0.31%
Mo 202.031†	78.1	0.00525	mg/L	0.000086	0.01049	mg/L	0.000171	1.63%
Na 589.592†	236746.6	16.66	mg/L	0.059	33.33	mg/L	0.118	0.35%
Na 330.237†	747.6	16.85	mg/L	0.050	33.70	mg/L	0.100	0.30%
Ni 231.604†	820.3	0.2023	mg/L	0.00094	0.4046	mg/L	0.00189	0.47%
Pb 220.353†	281.7	0.05745	mg/L	0.000540	0.1149	mg/L	0.00108	0.94%
Sb 206.836†	41.9	0.01694	mg/L	0.000227	0.03388	mg/L	0.000454	1.34%
Se 196.026†	-9.8	0.00495	mg/L	0.003696	0.00991	mg/L	0.007393	74.64%
Si 288.158†	7577.4	3.602	mg/L	0.0327	7.203	mg/L	0.0654	0.91%
Sn 189.927†	-7.8	0.00096	mg/L	0.000390	0.00191	mg/L	0.000779	40.75%
Sr 421.552†	177163.3	0.1992	mg/L	0.00070	0.3983	mg/L	0.00141	0.35%
Ti 334.903†	153690.8	4.905	mg/L	0.0234	9.809	mg/L	0.0469	0.48%
Tl 190.801†	-5.5	0.01115	mg/L	0.003853	0.02231	mg/L	0.007706	34.54%
V 292.402†	27146.6	0.2747	mg/L	0.00202	0.5494	mg/L	0.00403	0.73%
Zn 206.200†	1725.8	0.4074	mg/L	0.00217	0.8149	mg/L	0.00434	0.53%

Sequence No.: 15
Sample ID: PB35 G SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 311
Date Collected: 6/10/2009 12:02:32 PM
Data Type: Original

Nebulizer Parameters: PB35 G SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB35 G SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2136906.6	100.9	%	0.39				0.39%
ScR 361.383	542597.5	102.3	%	0.64				0.62%
Ag 328.068†	-116.0	-0.00051	mg/L	0.000105	-0.00101	mg/L	0.000210	20.78%
Al 308.215†	149573.1	85.02	mg/L	0.244	170.0	mg/L	0.49	0.29%
As 188.979†	96.3	0.07846	mg/L	0.005230	0.1569	mg/L	0.01046	6.67%
B 249.677†	225.0	0.02072	mg/L	0.000533	0.04145	mg/L	0.001065	2.57%
Ba 233.527†	1685.4	0.1411	mg/L	0.00111	0.2821	mg/L	0.00223	0.79%
Be 313.042†	1891.7	0.00127	mg/L	0.000034	0.00253	mg/L	0.000068	2.70%
Ca 317.933†	415333.9	33.35	mg/L	0.247	66.69	mg/L	0.494	0.74%
Cd 228.802†	25.6	-0.00032	mg/L	0.000376	-0.00065	mg/L	0.000752	116.43%
Co 228.616†	1678.9	0.05224	mg/L	0.000368	0.1045	mg/L	0.00074	0.71%
Cr 267.716†	2628.4	0.2396	mg/L	0.00080	0.4793	mg/L	0.00160	0.33%
Cu 324.752†	37163.9	0.1551	mg/L	0.00103	0.3103	mg/L	0.00206	0.66%
Fe 273.955†	223955.1	132.3	mg/L	0.68	264.6	mg/L	1.36	0.51%
K 766.490†	11307.0	6.363	mg/L	0.0158	12.73	mg/L	0.032	0.25%
Mg 279.077†	67030.3	53.60	mg/L	0.124	107.2	mg/L	0.25	0.23%
Mn 257.610†	170116.5	1.777	mg/L	0.0048	3.555	mg/L	0.0097	0.27%
Mo 202.031†	99.1	0.00666	mg/L	0.000154	0.01331	mg/L	0.000307	2.31%
Na 589.592†	72157.7	5.079	mg/L	0.0083	10.16	mg/L	0.017	0.16%
Na 330.237†	226.1	5.502	mg/L	0.1698	11.00	mg/L	0.340	3.09%
Ni 231.604†	941.5	0.2322	mg/L	0.00199	0.4644	mg/L	0.00399	0.86%
Pb 220.353†	226.5	0.04664	mg/L	0.001204	0.09328	mg/L	0.002408	2.58%
Sb 206.836†	41.0	0.01652	mg/L	0.002572	0.03305	mg/L	0.005144	15.57%
Se 196.026†	-14.7	0.00156	mg/L	0.004521	0.00312	mg/L	0.009043	289.80%
Si 288.158†	2561.7	1.218	mg/L	0.0090	2.435	mg/L	0.0181	0.74%
Sn 189.927†	-11.8	0.00039	mg/L	0.000510	0.00079	mg/L	0.001019	129.79%
Sr 421.552†	127478.1	0.1433	mg/L	0.00018	0.2866	mg/L	0.00037	0.13%
Ti 334.903†	170315.4	5.434	mg/L	0.0099	10.87	mg/L	0.020	0.18%
Tl 190.801†	-1.7	0.01425	mg/L	0.001163	0.02851	mg/L	0.002326	8.16%
V 292.402†	29465.6	0.2982	mg/L	0.00126	0.5964	mg/L	0.00252	0.42%
Zn 206.200†	1601.7	0.3780	mg/L	0.00069	0.7561	mg/L	0.00139	0.18%

Sequence No.: 16
Sample ID: PB35 I SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 312
Date Collected: 6/10/2009 12:06:02 PM
Data Type: Original

Nebulizer Parameters: PB35 I SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB35 I SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2162265.3	102.1	%	0.56				0.55%
ScR 361.383	555785.3	104.8	%	0.19				0.18%
Ag 328.068†	-87.4	-0.00037	mg/L	0.000064	-0.00075	mg/L	0.000128	17.18%
Al 308.215†	166640.6	94.72	mg/L	0.175	189.4	mg/L	0.35	0.19%
As 188.979†	109.7	0.09400	mg/L	0.004837	0.1880	mg/L	0.00967	5.15%
B 249.677†	424.0	0.03914	mg/L	0.000423	0.07828	mg/L	0.000846	1.08%
Ba 233.527†	2617.5	0.2230	mg/L	0.00146	0.4460	mg/L	0.00292	0.66%
Be 313.042†	1923.6	0.00127	mg/L	0.000028	0.00255	mg/L	0.000057	2.24%
Ca 317.933†	412250.0	33.10	mg/L	0.076	66.20	mg/L	0.151	0.23%
Cd 228.802†	47.8	0.00073	mg/L	0.000258	0.00146	mg/L	0.000517	35.35%
Co 228.616†	1792.3	0.05576	mg/L	0.000086	0.1115	mg/L	0.00017	0.15%
Cr 267.716†	2845.9	0.2594	mg/L	0.00166	0.5187	mg/L	0.00331	0.64%
Cu 324.752†	60087.9	0.2462	mg/L	0.00145	0.4925	mg/L	0.00290	0.59%
Fe 273.955†	231725.0	136.9	mg/L	0.10	273.8	mg/L	0.20	0.07%
K 766.490†	14972.0	8.425	mg/L	0.0367	16.85	mg/L	0.073	0.44%
Mg 279.077†	67728.4	54.16	mg/L	0.049	108.3	mg/L	0.10	0.09%
Mn 257.610†	170186.2	1.778	mg/L	0.0036	3.556	mg/L	0.0073	0.20%
Mo 202.031†	280.6	0.01951	mg/L	0.000182	0.03902	mg/L	0.000364	0.93%
Na 589.592†	166581.2	11.72	mg/L	0.021	23.45	mg/L	0.042	0.18%
Na 330.237†	520.4	11.97	mg/L	0.322	23.95	mg/L	0.643	2.69%
Ni 231.604†	955.9	0.2357	mg/L	0.00282	0.4715	mg/L	0.00564	1.20%
Pb 220.353†	497.5	0.09458	mg/L	0.001705	0.1892	mg/L	0.00341	1.80%
Sb 206.836†	50.0	0.02041	mg/L	0.001560	0.04082	mg/L	0.003120	7.64%
Se 196.026†	-9.3	0.00663	mg/L	0.007513	0.01325	mg/L	0.015026	113.40%
Si 288.158†	5920.3	2.814	mg/L	0.0163	5.628	mg/L	0.0327	0.58%
Sn 189.927†	1.7	0.00379	mg/L	0.001523	0.00759	mg/L	0.003047	40.15%
Sr 421.552†	182453.0	0.2051	mg/L	0.00034	0.4102	mg/L	0.00069	0.17%
Ti 334.903†	181945.9	5.806	mg/L	0.0116	11.61	mg/L	0.023	0.20%
Tl 190.801†	-1.9	0.01480	mg/L	0.002828	0.02959	mg/L	0.005656	19.11%
V 292.402†	30369.7	0.3073	mg/L	0.00226	0.6146	mg/L	0.00453	0.74%
Zn 206.200†	1975.0	0.4662	mg/L	0.00151	0.9325	mg/L	0.00301	0.32%

Sequence No.: 17
Sample ID: PB76 MBSPK SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 313
Date Collected: 6/10/2009 12:09:32 PM
Data Type: Original

Nebulizer Parameters: PB76 MBSPK SWC

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: PB76 MBSPK SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2126505.1	100.4	%	0.82				0.82%
ScR 361.383	541134.9	102.0	%	0.93				0.92%
Ag 328.068†	108863.8	0.5326	mg/L	0.00204	1.065	mg/L	0.0041	0.38%
Al 308.215†	3535.9	2.002	mg/L	0.0168	4.004	mg/L	0.0337	0.84%
As 188.979†	1745.1	2.071	mg/L	0.0152	4.141	mg/L	0.0304	0.74%
B 249.677†	6.9	-0.00018	mg/L	0.000135	-0.00036	mg/L	0.000270	76.04%
Ba 233.527†	22563.6	1.990	mg/L	0.0181	3.980	mg/L	0.0361	0.91%
Be 313.042†	412298.8	0.4852	mg/L	0.00159	0.9704	mg/L	0.00317	0.33%
Ca 317.933†	121117.3	9.724	mg/L	0.0359	19.45	mg/L	0.072	0.37%
Cd 228.802†	9325.2	0.4983	mg/L	0.00207	0.9966	mg/L	0.00413	0.41%
Co 228.616†	13324.7	0.4953	mg/L	0.00271	0.9906	mg/L	0.00542	0.55%
Cr 267.716†	5625.5	0.5040	mg/L	0.00426	1.008	mg/L	0.0085	0.85%
Cu 324.752†	121327.1	0.4812	mg/L	0.00449	0.9624	mg/L	0.00898	0.93%
Fe 273.955†	3295.3	1.939	mg/L	0.0131	3.879	mg/L	0.0262	0.67%
K 766.490†	16920.9	9.522	mg/L	0.0323	19.04	mg/L	0.065	0.34%
Mg 279.077†	12520.0	10.02	mg/L	0.088	20.04	mg/L	0.176	0.88%
Mn 257.610†	46205.2	0.4834	mg/L	0.00219	0.9668	mg/L	0.00438	0.45%
Mo 202.031†	19.4	0.00127	mg/L	0.000352	0.00254	mg/L	0.000703	27.67%
Na 589.592†	138449.6	9.745	mg/L	0.0225	19.49	mg/L	0.045	0.23%
Na 330.237†	472.8	10.01	mg/L	0.189	20.03	mg/L	0.377	1.88%
Ni 231.604†	1880.3	0.4632	mg/L	0.00304	0.9264	mg/L	0.00609	0.66%
Pb 220.353†	11387.9	1.956	mg/L	0.0061	3.911	mg/L	0.0121	0.31%
Sb 206.836†	20.7	0.00432	mg/L	0.002904	0.00864	mg/L	0.005807	67.22%
Se 196.026†	2440.0	2.054	mg/L	0.0181	4.108	mg/L	0.0362	0.88%
Si 288.158†	13.0	0.00835	mg/L	0.004036	0.01670	mg/L	0.008071	48.33%
Sn 189.927†	-9.5	-0.00195	mg/L	0.000190	-0.00390	mg/L	0.000381	9.76%
Sr 421.552†	419483.0	0.4716	mg/L	0.00122	0.9431	mg/L	0.00245	0.26%
Ti 334.903†	174.5	0.00341	mg/L	0.000498	0.00682	mg/L	0.000995	14.61%
Tl 190.801†	2892.1	2.030	mg/L	0.0120	4.060	mg/L	0.0240	0.59%
V 292.402†	48066.7	0.5010	mg/L	0.00109	1.002	mg/L	0.0022	0.22%
Zn 206.200†	2024.7	0.4786	mg/L	0.00387	0.9573	mg/L	0.00774	0.81%

Sequence No.: 18
Sample ID: CV 2
Analyst: BLW
Dilution: 1X

Autosampler Location: 7
Date Collected: 6/10/2009 12:13:02 PM
Data Type: Original

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	228.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	2103235.9	99.28	%	0.746				0.75%
ScR 361.383	537519.3	101.3	%	0.59				0.58%
Ag 328.068†	203889.0	0.9976	mg/L	0.00718	0.9976	mg/L	0.00718	0.72%
Al 308.215†	3536.4	1.978	mg/L	0.0185	1.978	mg/L	0.0185	0.93%
As 188.979†	1717.5	2.042	mg/L	0.0125	2.042	mg/L	0.0125	0.61%
B 249.677†	10542.7	0.9747	mg/L	0.00811	0.9747	mg/L	0.00811	0.83%
Ba 233.527†	11329.7	0.9987	mg/L	0.00674	0.9987	mg/L	0.00674	0.67%
Be 313.042†	833123.8	0.9805	mg/L	0.00583	0.9805	mg/L	0.00583	0.59%
Ca 317.933†	25919.8	2.081	mg/L	0.0163	2.081	mg/L	0.0163	0.79%
Cd 228.802†	18874.5	1.025	mg/L	0.0077	1.025	mg/L	0.0077	0.75%
Co 228.616†	27452.6	1.019	mg/L	0.0055	1.019	mg/L	0.0055	0.54%
Cr 267.716†	11231.7	1.007	mg/L	0.0091	1.007	mg/L	0.0091	0.90%
Cu 324.752†	254464.2	1.009	mg/L	0.0054	1.009	mg/L	0.0054	0.54%
Fe 273.955†	3252.0	1.906	mg/L	0.0213	1.906	mg/L	0.0213	1.11%
K 766.490†	34287.8	19.29	mg/L	0.083	19.29	mg/L	0.083	0.43%
Mg 279.077†	2516.3	2.019	mg/L	0.0151	2.019	mg/L	0.0151	0.75%
Mn 257.610†	94107.0	0.9843	mg/L	0.00346	0.9843	mg/L	0.00346	0.35%
Mo 202.031†	14082.1	0.9971	mg/L	0.00686	0.9971	mg/L	0.00686	0.69%
Na 589.592†	701156.7	49.35	mg/L	0.224	49.35	mg/L	0.224	0.45%
Na 330.237†	2277.2	49.51	mg/L	0.429	49.51	mg/L	0.429	0.87%
Ni 231.604†	3822.1	0.9438	mg/L	0.01380	0.9438	mg/L	0.01380	1.46%
Pb 220.353†	11760.4	2.020	mg/L	0.0139	2.020	mg/L	0.0139	0.69%
Sb 206.836†	4421.9	2.009	mg/L	0.0111	2.009	mg/L	0.0111	0.55%
Se 196.026†	2417.2	2.035	mg/L	0.0096	2.035	mg/L	0.0096	0.47%
Si 288.158†	4232.7	2.018	mg/L	0.0199	2.018	mg/L	0.0199	0.99%
Sn 189.927†	4173.4	1.008	mg/L	0.0067	1.008	mg/L	0.0067	0.67%
Sr 421.552†	905049.0	1.017	mg/L	0.0045	1.017	mg/L	0.0045	0.44%
Ti 334.903†	31685.9	1.009	mg/L	0.0053	1.009	mg/L	0.0053	0.53%
Tl 190.801†	2919.2	2.047	mg/L	0.0081	2.047	mg/L	0.0081	0.39%
V 292.402†	95558.1	0.9961	mg/L	0.00803	0.9961	mg/L	0.00803	0.81%
Zn 206.200†	4176.8	0.9872	mg/L	0.00775	0.9872	mg/L	0.00775	0.79%

Sequence No.: 19
Sample ID: CB 2
Analyst: BLW
Dilution: 1X

Autosampler Location: 1
Date Collected: 6/10/2009 12:15:35 PM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2116671.4	99.92	%	0.097				0.10%
ScR 361.383	539869.1	101.8	%	1.01				0.99%
Ag 328.068†	13.9	0.00007	mg/L	0.000238	0.00007	mg/L	0.000238	348.60%
Al 308.215†	15.8	0.00897	mg/L	0.011426	0.00897	mg/L	0.011426	127.40%
As 188.979†	-1.6	-0.00194	mg/L	0.002619	-0.00194	mg/L	0.002619	134.96%
B 249.677†	16.6	0.00154	mg/L	0.001307	0.00154	mg/L	0.001307	84.95%
Ba 233.527†	4.3	0.00038	mg/L	0.000101	0.00038	mg/L	0.000101	26.97%
Be 313.042†	82.7	0.00010	mg/L	0.000015	0.00010	mg/L	0.000015	15.74%
Ca 317.933†	9.3	0.00075	mg/L	0.000608	0.00075	mg/L	0.000608	81.19%
Cd 228.802†	14.4	0.00081	mg/L	0.000222	0.00081	mg/L	0.000222	27.43%
Co 228.616†	12.9	0.00048	mg/L	0.000675	0.00048	mg/L	0.000675	141.20%
Cr 267.716†	-1.0	-0.00009	mg/L	0.000496	-0.00009	mg/L	0.000496	544.87%
Cu 324.752†	296.2	0.00117	mg/L	0.000223	0.00117	mg/L	0.000223	18.96%
Fe 273.955†	9.0	0.00528	mg/L	0.000818	0.00528	mg/L	0.000818	15.49%
K 766.490†	13.2	0.00740	mg/L	0.022948	0.00740	mg/L	0.022948	310.07%
Mg 279.077†	7.3	0.00583	mg/L	0.006201	0.00583	mg/L	0.006201	106.46%
Mn 257.610†	9.2	0.00010	mg/L	0.000056	0.00010	mg/L	0.000056	57.46%
Mo 202.031†	14.2	0.00101	mg/L	0.000466	0.00101	mg/L	0.000466	46.30%
Na 589.592†	-62.2	-0.00438	mg/L	0.000829	-0.00438	mg/L	0.000829	18.94%
Na 330.237†	-18.4	-0.4020	mg/L	0.28734	-0.4020	mg/L	0.28734	71.49%
Ni 231.604†	-0.9	-0.00022	mg/L	0.000868	-0.00022	mg/L	0.000868	394.71%
Pb 220.353†	12.7	0.00217	mg/L	0.001060	0.00217	mg/L	0.001060	48.80%
Sb 206.836†	3.7	0.00170	mg/L	0.001963	0.00170	mg/L	0.001963	115.62%
Se 196.026†	6.1	0.00509	mg/L	0.004463	0.00509	mg/L	0.004463	87.62%
Si 288.158†	-3.0	-0.00144	mg/L	0.005799	-0.00144	mg/L	0.005799	403.30%
Sn 189.927†	0.4	0.00010	mg/L	0.000356	0.00010	mg/L	0.000356	339.72%
Sr 421.552†	178.4	0.00020	mg/L	0.000002	0.00020	mg/L	0.000002	1.02%
Ti 334.903†	18.5	0.00059	mg/L	0.000673	0.00059	mg/L	0.000673	114.46%
Tl 190.801†	-1.5	-0.00102	mg/L	0.001686	-0.00102	mg/L	0.001686	164.79%
V 292.402†	54.2	0.00056	mg/L	0.000539	0.00056	mg/L	0.000539	95.84%
Zn 206.200†	5.3	0.00125	mg/L	0.000579	0.00125	mg/L	0.000579	46.38%

Sequence No.: 20
Sample ID: PB35 J SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 314
Date Collected: 6/10/2009 12:19:19 PM
Data Type: Original

Nebulizer Parameters: PB35 J SWC

Analyte	Back Pressure	Flow
A11	229.0 kPa	0.75 L/min

Mean Data: PB35 J SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2160130.9	102.0	%	0.38				0.38%
ScR 361.383	557184.0	105.0	%	0.32				0.30%
Ag 328.068†	1380.6	0.00681	mg/L	0.000099	0.01362	mg/L	0.000198	1.45%
Al 308.215†	206393.3	117.3	mg/L	0.79	234.6	mg/L	1.59	0.68%
As 188.979†	123.0	0.1044	mg/L	0.00261	0.2089	mg/L	0.00522	2.50%
B 249.677†	1164.3	0.1076	mg/L	0.00082	0.2152	mg/L	0.00164	0.76%
Ba 233.527†	3357.3	0.2872	mg/L	0.00033	0.5743	mg/L	0.00065	0.11%
Be 313.042†	2498.0	0.00175	mg/L	0.000052	0.00349	mg/L	0.000104	2.98%
Ca 317.933†	457661.6	36.75	mg/L	0.141	73.49	mg/L	0.282	0.38%
Cd 228.802†	68.2	0.00160	mg/L	0.000117	0.00320	mg/L	0.000235	7.33%
Co 228.616†	2191.9	0.06803	mg/L	0.000344	0.1361	mg/L	0.00069	0.51%
Cr 267.716†	3522.8	0.3207	mg/L	0.00085	0.6414	mg/L	0.00171	0.27%
Cu 324.752†	91844.3	0.3731	mg/L	0.00196	0.7462	mg/L	0.00392	0.53%
Fe 273.955†	263544.9	155.7	mg/L	1.70	311.4	mg/L	3.40	1.09%
K 766.490†	19969.0	11.24	mg/L	0.052	22.47	mg/L	0.104	0.46%
Mg 279.077†	76159.8	60.90	mg/L	0.307	121.8	mg/L	0.61	0.50%
Mn 257.610†	189689.1	1.982	mg/L	0.0092	3.963	mg/L	0.0184	0.46%
Mo 202.031†	215.6	0.01487	mg/L	0.000380	0.02974	mg/L	0.000760	2.55%
Na 589.592†	305117.8	21.48	mg/L	0.122	42.95	mg/L	0.244	0.57%
Na 330.237†	971.3	21.92	mg/L	0.081	43.84	mg/L	0.162	0.37%
Ni 231.604†	1084.3	0.2674	mg/L	0.00233	0.5348	mg/L	0.00466	0.87%
Pb 220.353†	609.6	0.1168	mg/L	0.00133	0.2337	mg/L	0.00267	1.14%
Sb 206.836†	56.6	0.02286	mg/L	0.000932	0.04572	mg/L	0.001863	4.08%
Se 196.026†	-8.6	0.00924	mg/L	0.001472	0.01848	mg/L	0.002944	15.93%
Si 288.158†	7045.4	3.349	mg/L	0.0172	6.698	mg/L	0.0344	0.51%
Sn 189.927†	19.3	0.00872	mg/L	0.000210	0.01744	mg/L	0.000419	2.41%
Sr 421.552†	212213.7	0.2386	mg/L	0.00132	0.4771	mg/L	0.00263	0.55%
Ti 334.903†	225230.0	7.188	mg/L	0.0065	14.38	mg/L	0.013	0.09%
Tl 190.801†	-5.3	0.01459	mg/L	0.001644	0.02918	mg/L	0.003288	11.27%
V 292.402†	36603.7	0.3707	mg/L	0.00170	0.7414	mg/L	0.00340	0.46%
Zn 206.200†	3413.2	0.8060	mg/L	0.00138	1.612	mg/L	0.0028	0.17%

Sequence No.: 21
Sample ID: PB35 K SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 315
Date Collected: 6/10/2009 12:22:50 PM
Data Type: Original

Nebulizer Parameters: PB35 K SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB35 K SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2159962.9	102.0	%	0.11				0.11%
ScR 361.383	556929.9	105.0	%	0.93				0.88%
Ag 328.068†	-157.4	-0.00071	mg/L	0.000116	-0.00142	mg/L	0.000233	16.32%
Al 308.215†	183374.0	104.2	mg/L	0.47	208.5	mg/L	0.94	0.45%
As 188.979†	95.3	0.07609	mg/L	0.002952	0.1522	mg/L	0.00590	3.88%
B 249.677†	552.8	0.05106	mg/L	0.000962	0.1021	mg/L	0.00192	1.88%
Ba 233.527†	2796.1	0.2396	mg/L	0.00177	0.4792	mg/L	0.00355	0.74%
Be 313.042†	2165.2	0.00158	mg/L	0.000025	0.00316	mg/L	0.000051	1.61%
Ca 317.933†	419060.1	33.65	mg/L	0.086	67.29	mg/L	0.172	0.26%
Cd 228.802†	31.5	0.00008	mg/L	0.000321	0.00016	mg/L	0.000642	406.83%
Co 228.616†	1716.3	0.05254	mg/L	0.000333	0.1051	mg/L	0.00067	0.63%
Cr 267.716†	2784.4	0.2531	mg/L	0.00207	0.5062	mg/L	0.00413	0.82%
Cu 324.752†	50544.2	0.2073	mg/L	0.00113	0.4146	mg/L	0.00226	0.55%
Fe 273.955†	206902.1	122.2	mg/L	1.00	244.5	mg/L	1.99	0.81%
K 766.490†	17008.4	9.571	mg/L	0.0495	19.14	mg/L	0.099	0.52%
Mg 279.077†	66598.9	53.26	mg/L	0.161	106.5	mg/L	0.32	0.30%
Mn 257.610†	159308.0	1.664	mg/L	0.0092	3.328	mg/L	0.0184	0.55%
Mo 202.031†	91.8	0.00614	mg/L	0.000053	0.01227	mg/L	0.000106	0.86%
Na 589.592†	202863.8	14.28	mg/L	0.050	28.56	mg/L	0.100	0.35%
Na 330.237†	636.3	14.58	mg/L	0.151	29.15	mg/L	0.303	1.04%
Ni 231.604†	834.4	0.2058	mg/L	0.00115	0.4116	mg/L	0.00229	0.56%
Pb 220.353†	211.4	0.04843	mg/L	0.001473	0.09687	mg/L	0.002947	3.04%
Sb 206.836†	36.6	0.01432	mg/L	0.002147	0.02864	mg/L	0.004294	14.99%
Se 196.026†	-11.9	0.00264	mg/L	0.003111	0.00529	mg/L	0.006223	117.70%
Si 288.158†	6172.6	2.934	mg/L	0.0224	5.868	mg/L	0.0447	0.76%
Sn 189.927†	-20.6	-0.00148	mg/L	0.000365	-0.00297	mg/L	0.000730	24.62%
Sr 421.552†	197672.7	0.2222	mg/L	0.00069	0.4444	mg/L	0.00139	0.31%
Ti 334.903†	188518.4	6.016	mg/L	0.0418	12.03	mg/L	0.084	0.69%
Tl 190.801†	-1.7	0.01268	mg/L	0.002760	0.02535	mg/L	0.005521	21.78%
V 292.402†	29790.8	0.3018	mg/L	0.00084	0.6036	mg/L	0.00169	0.28%
Zn 206.200†	1612.9	0.3807	mg/L	0.00124	0.7614	mg/L	0.00247	0.32%

Sequence No.: 22
Sample ID: PB35 M SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 316
Date Collected: 6/10/2009 12:26:20 PM
Data Type: Original

Nebulizer Parameters: PB35 M SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB35 M SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2143651.9	101.2	%	0.22				0.21%
ScR 361.383	551629.4	104.0	%	1.06				1.02%
Ag 328.068†	-179.9	-0.00082	mg/L	0.000254	-0.00164	mg/L	0.000509	31.05%
Al 308.215†	205648.8	116.9	mg/L	0.44	233.8	mg/L	0.89	0.38%
As 188.979†	97.9	0.07689	mg/L	0.005199	0.1538	mg/L	0.01040	6.76%
B 249.677†	624.8	0.05771	mg/L	0.001255	0.1154	mg/L	0.00251	2.17%
Ba 233.527†	3038.4	0.2606	mg/L	0.00196	0.5213	mg/L	0.00393	0.75%
Be 313.042†	2416.2	0.00178	mg/L	0.000037	0.00356	mg/L	0.000073	2.07%
Ca 317.933†	435715.6	34.98	mg/L	0.294	69.97	mg/L	0.588	0.84%
Cd 228.802†	38.1	0.00039	mg/L	0.000103	0.00078	mg/L	0.000206	26.36%
Co 228.616†	1886.4	0.05765	mg/L	0.000496	0.1153	mg/L	0.00099	0.86%
Cr 267.716†	3122.9	0.2835	mg/L	0.00239	0.5669	mg/L	0.00478	0.84%
Cu 324.752†	60089.2	0.2454	mg/L	0.00109	0.4907	mg/L	0.00217	0.44%
Fe 273.955†	216844.9	128.1	mg/L	0.65	256.2	mg/L	1.30	0.51%
K 766.490†	19358.8	10.89	mg/L	0.077	21.79	mg/L	0.154	0.71%
Mg 279.077†	73542.9	58.81	mg/L	0.321	117.6	mg/L	0.64	0.55%
Mn 257.610†	164969.1	1.723	mg/L	0.0111	3.447	mg/L	0.0222	0.65%
Mo 202.031†	115.5	0.00780	mg/L	0.000280	0.01560	mg/L	0.000559	3.58%
Na 589.592†	216937.4	15.27	mg/L	0.023	30.54	mg/L	0.047	0.15%
Na 330.237†	686.1	15.76	mg/L	0.404	31.52	mg/L	0.809	2.57%
Ni 231.604†	929.1	0.2291	mg/L	0.00382	0.4582	mg/L	0.00764	1.67%
Pb 220.353†	240.1	0.05542	mg/L	0.000745	0.1108	mg/L	0.00149	1.34%
Sb 206.836†	47.6	0.01899	mg/L	0.002467	0.03798	mg/L	0.004933	12.99%
Se 196.026†	-2.6	0.01096	mg/L	0.003805	0.02191	mg/L	0.007611	34.73%
Si 288.158†	7785.6	3.701	mg/L	0.0500	7.401	mg/L	0.1000	1.35%
Sn 189.927†	-18.7	-0.00070	mg/L	0.001064	-0.00139	mg/L	0.002128	152.83%
Sr 421.552†	203525.3	0.2288	mg/L	0.00116	0.4576	mg/L	0.00231	0.51%
Ti 334.903†	208855.6	6.665	mg/L	0.0785	13.33	mg/L	0.157	1.18%
Tl 190.801†	1.3	0.01540	mg/L	0.003232	0.03079	mg/L	0.006464	20.99%
V 292.402†	32721.6	0.3318	mg/L	0.00165	0.6635	mg/L	0.00330	0.50%
Zn 206.200†	1816.9	0.4289	mg/L	0.00313	0.8577	mg/L	0.00627	0.73%

Sequence No.: 23
Sample ID: PB35 O SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 317
Date Collected: 6/10/2009 12:29:50 PM
Data Type: Original

Nebulizer Parameters: PB35 O SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB35 O SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2168264.9	102.4	%	0.52				0.50%
ScR 361.383	555280.5	104.7	%	0.16				0.15%
Ag 328.068†	-189.0	-0.00087	mg/L	0.000097	-0.00173	mg/L	0.000193	11.15%
Al 308.215†	182594.8	103.8	mg/L	0.35	207.6	mg/L	0.70	0.34%
As 188.979†	100.6	0.08101	mg/L	0.005933	0.1620	mg/L	0.01187	7.32%
B 249.677†	567.1	0.05238	mg/L	0.000203	0.1048	mg/L	0.00041	0.39%
Ba 233.527†	2926.3	0.2510	mg/L	0.00045	0.5020	mg/L	0.00090	0.18%
Be 313.042†	2163.4	0.00157	mg/L	0.000014	0.00315	mg/L	0.000027	0.86%
Ca 317.933†	433470.3	34.80	mg/L	0.124	69.61	mg/L	0.248	0.36%
Cd 228.802†	23.6	-0.00042	mg/L	0.000189	-0.00084	mg/L	0.000378	45.20%
Co 228.616†	1707.2	0.05187	mg/L	0.000640	0.1037	mg/L	0.00128	1.23%
Cr 267.716†	2803.2	0.2548	mg/L	0.00121	0.5097	mg/L	0.00242	0.47%
Cu 324.752†	48369.5	0.1988	mg/L	0.00068	0.3975	mg/L	0.00135	0.34%
Fe 273.955†	209572.2	123.8	mg/L	0.90	247.6	mg/L	1.80	0.72%
K 766.490†	17550.6	9.876	mg/L	0.0229	19.75	mg/L	0.046	0.23%
Mg 279.077†	65020.7	51.99	mg/L	0.099	104.0	mg/L	0.20	0.19%
Mn 257.610†	225178.9	2.353	mg/L	0.0052	4.706	mg/L	0.0104	0.22%
Mo 202,031†	92.6	0.00618	mg/L	0.000112	0.01236	mg/L	0.000225	1.82%
Na 589.592†	204303.5	14.38	mg/L	0.029	28.76	mg/L	0.059	0.20%
Na 330.237†	638.5	14.65	mg/L	0.106	29.30	mg/L	0.211	0.72%
Ni 231.604†	821.0	0.2025	mg/L	0.00142	0.4049	mg/L	0.00284	0.70%
Pb 220.353†	247.0	0.05439	mg/L	0.000700	0.1088	mg/L	0.00140	1.29%
Sb 206.836†	44.1	0.01772	mg/L	0.001688	0.03544	mg/L	0.003376	9.53%
Se 196.026†	-8.4	0.00587	mg/L	0.002071	0.01174	mg/L	0.004141	35.26%
Si 288.158†	4653.2	2.212	mg/L	0.0193	4.423	mg/L	0.0386	0.87%
Sn 189.927†	-14.2	0.00017	mg/L	0.001112	0.00035	mg/L	0.002224	636.53%
Sr 421.552†	206555.7	0.2322	mg/L	0.00063	0.4644	mg/L	0.00125	0.27%
Ti 334.903†	194106.3	6.194	mg/L	0.0053	12.39	mg/L	0.011	0.09%
Tl 190.801†	-0.0	0.01400	mg/L	0.003021	0.02801	mg/L	0.006042	21.57%
V 292.402†	29858.6	0.3024	mg/L	0.00162	0.6049	mg/L	0.00324	0.53%
Zn 206.200†	1575.0	0.3717	mg/L	0.00121	0.7434	mg/L	0.00241	0.32%

Sequence No.: 24
Sample ID: PB35 Q SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 318
Date Collected: 6/10/2009 12:33:20 PM
Data Type: Original

Nebulizer Parameters: PB35 Q SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB35 Q SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2161447.5	102.0	%	0.60				0.59%
ScR 361.383	555475.0	104.7	%	1.10				1.05%
Ag 328.068†	-137.6	-0.00062	mg/L	0.000152	-0.00124	mg/L	0.000304	24.50%
Al 308.215†	180631.9	102.7	mg/L	0.38	205.4	mg/L	0.75	0.37%
As 188.979†	95.8	0.07887	mg/L	0.002560	0.1577	mg/L	0.00512	3.25%
B 249.677†	646.1	0.05969	mg/L	0.000584	0.1194	mg/L	0.00117	0.98%
Ba 233.527†	2751.6	0.2360	mg/L	0.00118	0.4720	mg/L	0.00236	0.50%
Be 313.042†	2109.4	0.00155	mg/L	0.000030	0.00309	mg/L	0.000060	1.96%
Ca 317.933†	386162.2	31.00	mg/L	0.219	62.01	mg/L	0.438	0.71%
Cd 228.802†	32.0	0.00013	mg/L	0.000108	0.00027	mg/L	0.000216	80.62%
Co 228.616†	1656.5	0.05043	mg/L	0.000491	0.1009	mg/L	0.00098	0.97%
Cr 267.716†	2730.0	0.2481	mg/L	0.00211	0.4961	mg/L	0.00421	0.85%
Cu 324.752†	54100.0	0.2210	mg/L	0.00119	0.4420	mg/L	0.00239	0.54%
Fe 273.955†	196882.8	116.3	mg/L	0.93	232.6	mg/L	1.85	0.80%
K 766.490†	17953.1	10.10	mg/L	0.034	20.20	mg/L	0.067	0.33%
Mg 279.077†	63536.4	50.81	mg/L	0.218	101.6	mg/L	0.44	0.43%
Mn 257.610†	146507.0	1.530	mg/L	0.0037	3.061	mg/L	0.0074	0.24%
Mo 202.031†	92.7	0.00623	mg/L	0.000126	0.01246	mg/L	0.000252	2.02%
Na 589.592†	253433.2	17.84	mg/L	0.026	35.68	mg/L	0.051	0.14%
Na 330.237†	807.1	18.33	mg/L	0.090	36.65	mg/L	0.180	0.49%
Ni 231.604†	788.8	0.1945	mg/L	0.00145	0.3891	mg/L	0.00289	0.74%
Pb 220.353†	207.3	0.04778	mg/L	0.002556	0.09556	mg/L	0.005111	5.35%
Sb 206.836†	45.9	0.01854	mg/L	0.002669	0.03709	mg/L	0.005337	14.39%
Se 196.026†	-7.8	0.00550	mg/L	0.005064	0.01099	mg/L	0.010127	92.13%
Si 288.158†	5613.2	2.668	mg/L	0.0071	5.336	mg/L	0.0143	0.27%
Sn 189.927†	-14.5	-0.00009	mg/L	0.000672	-0.00018	mg/L	0.001343	751.34%
Sr 421.552†	190431.1	0.2141	mg/L	0.00033	0.4282	mg/L	0.00066	0.15%
Ti 334.903†	186620.0	5.956	mg/L	0.0166	11.91	mg/L	0.033	0.28%
Tl 190.801†	-0.7	0.01282	mg/L	0.003122	0.02564	mg/L	0.006244	24.35%
V 292.402†	28737.6	0.2911	mg/L	0.00230	0.5823	mg/L	0.00459	0.79%
Zn 206.200†	1592.5	0.3759	mg/L	0.00405	0.7518	mg/L	0.00811	1.08%

Sequence No.: 25
Sample ID: PB35 ADUP SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 319
Date Collected: 6/10/2009 12:36:50 PM
Data Type: Original

Nebulizer Parameters: PB35 ADUP SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB35 ADUP SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Calib. Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	2156502.7	101.8	%	0.50				0.49%
ScR 361.383	551650.3	104.0	%	0.89				0.85%
Ag 328.068†	-150.7	-0.00068	mg/L	0.000094	-0.00136	mg/L	0.000188	13.81%
Al 308.215†	193899.2	110.2	mg/L	0.11	220.4	mg/L	0.22	0.10%
As 188.979†	110.5	0.09565	mg/L	0.005707	0.1913	mg/L	0.01141	5.97%
B 249.677†	636.5	0.05879	mg/L	0.001036	0.1176	mg/L	0.00207	1.76%
Ba 233.527†	2814.1	0.2396	mg/L	0.00133	0.4793	mg/L	0.00266	0.55%
Be 313.042†	2368.1	0.00172	mg/L	0.000022	0.00343	mg/L	0.000044	1.29%
Ca 317.933†	406072.5	32.60	mg/L	0.105	65.21	mg/L	0.209	0.32%
Cd 228.802†	38.7	0.00012	mg/L	0.000416	0.00025	mg/L	0.000832	338.21%
Co 228.616†	1946.3	0.06195	mg/L	0.000228	0.1239	mg/L	0.00046	0.37%
Cr 267.716†	3061.9	0.2792	mg/L	0.00100	0.5583	mg/L	0.00199	0.36%
Cu 324.752†	68210.1	0.2794	mg/L	0.00296	0.5587	mg/L	0.00591	1.06%
Fe 273.955†	252165.1	149.0	mg/L	0.54	298.0	mg/L	1.08	0.36%
K 766.490†	18020.4	10.14	mg/L	0.064	20.28	mg/L	0.128	0.63%
Mg 279.077†	72714.0	58.14	mg/L	0.052	116.3	mg/L	0.10	0.09%
Mn 257.610†	176864.4	1.848	mg/L	0.0039	3.695	mg/L	0.0078	0.21%
Mo 202.031†	80.9	0.00537	mg/L	0.000457	0.01075	mg/L	0.000914	8.50%
Na 589.592†	250342.2	17.62	mg/L	0.017	35.24	mg/L	0.035	0.10%
Na 330.237†	796.1	17.94	mg/L	0.207	35.88	mg/L	0.413	1.15%
Ni 231.604†	1027.0	0.2533	mg/L	0.00384	0.5066	mg/L	0.00768	1.52%
Pb 220.353†	309.8	0.06443	mg/L	0.001821	0.1289	mg/L	0.00364	2.83%
Sb 206.836†	50.9	0.02060	mg/L	0.003986	0.04121	mg/L	0.007971	19.34%
Se 196.026†	-11.9	0.00579	mg/L	0.003651	0.01157	mg/L	0.007301	63.09%
Si 288.158†	7457.0	3.544	mg/L	0.0135	7.089	mg/L	0.0269	0.38%
Sn 189.927†	-13.3	0.00006	mg/L	0.000818	0.00011	mg/L	0.001636	>999.9%
Sr 421.552†	202684.5	0.2279	mg/L	0.00061	0.4557	mg/L	0.00122	0.27%
Ti 334.903†	174046.5	5.554	mg/L	0.0271	11.11	mg/L	0.054	0.49%
Tl 190.801†	-12.7	0.00888	mg/L	0.002490	0.01776	mg/L	0.004981	28.05%
V 292.402†	32887.7	0.3331	mg/L	0.00284	0.6662	mg/L	0.00567	0.85%
Zn 206.200†	2062.0	0.4868	mg/L	0.00097	0.9736	mg/L	0.00194	0.20%

Sequence No.: 26
Sample ID: PB35 A SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 320
Date Collected: 6/10/2009 12:40:20 PM
Data Type: Original

Nebulizer Parameters: PB35 A SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB35 A SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2161762.1	102.0	%	0.68				0.66%
ScR 361.383	554037.5	104.4	%	0.63				0.60%
Ag 328.068†	-164.6	-0.00075	mg/L	0.000340	-0.00150	mg/L	0.000679	45.31%
Al 308.215†	190931.7	108.5	mg/L	0.24	217.1	mg/L	0.48	0.22%
As 188.979†	117.1	0.1039	mg/L	0.00210	0.2077	mg/L	0.00421	2.03%
B 249.677†	666.9	0.06160	mg/L	0.000206	0.1232	mg/L	0.00041	0.33%
Ba 233.527†	2844.4	0.2420	mg/L	0.00123	0.4840	mg/L	0.00247	0.51%
Be 313.042†	2349.4	0.00172	mg/L	0.000035	0.00344	mg/L	0.000070	2.03%
Ca 317.933†	404253.1	32.46	mg/L	0.087	64.91	mg/L	0.175	0.27%
Cd 228.802†	46.5	0.00043	mg/L	0.000275	0.00086	mg/L	0.000550	64.02%
Co 228.616†	1912.3	0.06095	mg/L	0.000421	0.1219	mg/L	0.00084	0.69%
Cr 267.716†	2939.6	0.2686	mg/L	0.00123	0.5371	mg/L	0.00247	0.46%
Cu 324.752†	69585.8	0.2852	mg/L	0.00187	0.5705	mg/L	0.00374	0.65%
Fe 273.955†	261529.4	154.5	mg/L	0.61	309.0	mg/L	1.23	0.40%
K 766.490†	16741.4	9.421	mg/L	0.0273	18.84	mg/L	0.055	0.29%
Mg 279.077†	71394.9	57.09	mg/L	0.055	114.2	mg/L	0.11	0.10%
Mn 257.610†	181417.4	1.895	mg/L	0.0030	3.791	mg/L	0.0059	0.16%
Mo 202.031†	85.8	0.00573	mg/L	0.000509	0.01145	mg/L	0.001019	8.90%
Na 589.592†	247726.4	17.44	mg/L	0.031	34.87	mg/L	0.062	0.18%
Na 330.237†	786.0	17.69	mg/L	0.056	35.39	mg/L	0.112	0.32%
Ni 231.604†	994.2	0.2452	mg/L	0.00308	0.4904	mg/L	0.00615	1.25%
Pb 220.353†	337.5	0.06843	mg/L	0.000986	0.1369	mg/L	0.00197	1.44%
Sb 206.836†	49.3	0.01997	mg/L	0.001601	0.03994	mg/L	0.003202	8.02%
Se 196.026†	-5.7	0.01170	mg/L	0.004588	0.02339	mg/L	0.009175	39.23%
Si 288.158†	8289.3	3.940	mg/L	0.0237	7.880	mg/L	0.0474	0.60%
Sn 189.927†	-15.1	-0.00044	mg/L	0.000621	-0.00087	mg/L	0.001242	142.36%
Sr 421.552†	199830.0	0.2246	mg/L	0.00093	0.4493	mg/L	0.00187	0.42%
Ti 334.903†	169647.6	5.413	mg/L	0.0206	10.83	mg/L	0.041	0.38%
Tl 190.801†	-4.0	0.01593	mg/L	0.000688	0.03186	mg/L	0.001376	4.32%
V 292.402†	32115.2	0.3248	mg/L	0.00154	0.6497	mg/L	0.00307	0.47%
Zn 206.200†	2038.5	0.4813	mg/L	0.00058	0.9625	mg/L	0.00116	0.12%

Sequence No.: 27
Sample ID: PB35 ASPK SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 321
Date Collected: 6/10/2009 12:43:50 PM
Data Type: Original

Nebulizer Parameters: PB35 ASPK SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB35 ASPK SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	2156098.9	101.8	%	0.31				0.31%
ScR 361.383	552256.4	104.1	%	0.74				0.71%
Ag 328.068†	97598.2	0.4776	mg/L	0.00164	0.9552	mg/L	0.00327	0.34%
Al 308.215†	199964.2	113.7	mg/L	0.33	227.3	mg/L	0.67	0.29%
As 188.979†	1713.3	1.998	mg/L	0.0116	3.996	mg/L	0.0232	0.58%
B 249.677†	736.0	0.06724	mg/L	0.002746	0.1345	mg/L	0.00549	4.08%
Ba 233.527†	24013.1	2.109	mg/L	0.0255	4.219	mg/L	0.0511	1.21%
Be 313.042†	386420.0	0.4537	mg/L	0.00143	0.9075	mg/L	0.00286	0.32%
Ca 317.933†	509882.4	40.94	mg/L	0.207	81.88	mg/L	0.413	0.50%
Cd 228.802†	8861.3	0.4720	mg/L	0.00091	0.9440	mg/L	0.00183	0.19%
Co 228.616†	14230.5	0.5186	mg/L	0.00116	1.037	mg/L	0.0023	0.22%
Cr 267.716†	8352.2	0.7529	mg/L	0.00486	1.506	mg/L	0.0097	0.65%
Cu 324.752†	189565.1	0.7606	mg/L	0.00136	1.521	mg/L	0.0027	0.18%
Fe 273.955†	253467.2	149.7	mg/L	1.12	299.5	mg/L	2.24	0.75%
K 766.490†	33685.7	18.96	mg/L	0.043	37.91	mg/L	0.085	0.22%
Mg 279.077†	87685.3	70.13	mg/L	0.213	140.3	mg/L	0.43	0.30%
Mn 257.610†	222305.9	2.323	mg/L	0.0074	4.646	mg/L	0.0148	0.32%
Mo 202.031†	87.8	0.00577	mg/L	0.000397	0.01155	mg/L	0.000794	6.88%
Na 589.592†	398642.5	28.06	mg/L	0.061	56.12	mg/L	0.123	0.22%
Na 330.237†	1281.9	28.26	mg/L	0.436	56.51	mg/L	0.872	1.54%
Ni 231.604†	2784.7	0.6863	mg/L	0.01133	1.373	mg/L	0.0227	1.65%
Pb 220.353†	10894.9	1.883	mg/L	0.0060	3.765	mg/L	0.0121	0.32%
Sb 206.836†	61.2	0.02040	mg/L	0.002746	0.04081	mg/L	0.005493	13.46%
Se 196.026†	2245.1	1.905	mg/L	0.0075	3.810	mg/L	0.0150	0.39%
Si 288.158†	8557.1	4.069	mg/L	0.0352	8.138	mg/L	0.0704	0.87%
Sn 189.927†	-14.6	0.00004	mg/L	0.001113	0.00008	mg/L	0.002226	>999.9%
Sr 421.552†	605580.0	0.6808	mg/L	0.00127	1.362	mg/L	0.0025	0.19%
Ti 334.903†	174300.5	5.560	mg/L	0.0327	11.12	mg/L	0.065	0.59%
Tl 190.801†	2593.4	1.838	mg/L	0.0066	3.676	mg/L	0.0132	0.36%
V 292.402†	75336.7	0.7757	mg/L	0.00242	1.551	mg/L	0.0048	0.31%
Zn 206.200†	4055.0	0.9580	mg/L	0.00650	1.916	mg/L	0.0130	0.68%

Sequence No.: 28
Sample ID: PB35 APOST SWC
Analyst: BLW
Dilution: 2X

222222
BLW 6.10

Autosampler Location: 322
Date Collected: 6/10/2009 12:46:23 PM
Data Type: Original

Nebulizer Parameters: PB35 APOST SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB35 APOST SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Calib. Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	2151806.8	101.6	%	0.42				0.41%
ScR 361.383	552427.0	104.1	%	1.08				1.04%
Ag 328.068†	90170.8	0.4412	mg/L	0.00257	0.8825	mg/L	0.00514	0.58%
Al 308.215†	198406.0	112.8	mg/L	0.44	225.6	mg/L	0.88	0.39%
As 188.979†	1810.0	2.112	mg/L	0.0044	4.224	mg/L	0.0088	0.21%
B 249.677†	683.1	0.06231	mg/L	0.001123	0.1246	mg/L	0.00225	1.80%
Ba 233.527†	24832.5	2.181	mg/L	0.0164	4.362	mg/L	0.0328	0.75%
Be 313.042†	404700.0	0.4753	mg/L	0.00187	0.9505	mg/L	0.00374	0.39%
Ca 317.933†	528982.5	42.47	mg/L	0.186	84.94	mg/L	0.371	0.44%
Cd 228.802†	9244.9	0.4922	mg/L	0.00223	0.9844	mg/L	0.00447	0.45%
Co 228.616†	14753.7	0.5381	mg/L	0.00201	1.076	mg/L	0.0040	0.37%
Cr 267.716†	8420.7	0.7596	mg/L	0.00520	1.519	mg/L	0.0104	0.69%
Cu 324.752†	192973.7	0.7747	mg/L	0.00615	1.549	mg/L	0.0123	0.79%
Fe 273.955†	267906.2	158.3	mg/L	0.54	316.6	mg/L	1.09	0.34%
K 766.490†	34060.9	19.17	mg/L	0.120	38.33	mg/L	0.240	0.63%
Mg 279.077†	84717.7	67.75	mg/L	0.227	135.5	mg/L	0.45	0.33%
Mn 257.610†	229869.1	2.402	mg/L	0.0090	4.804	mg/L	0.0180	0.38%
Mo 202.031†	83.2	0.00543	mg/L	0.000172	0.01086	mg/L	0.000343	3.16%
Na 589.592†	389703.4	27.43	mg/L	0.061	54.86	mg/L	0.123	0.22%
Na 330.237†	1253.0	27.60	mg/L	0.266	55.20	mg/L	0.532	0.96%
Ni 231.604†	2809.1	0.6923	mg/L	0.00545	1.385	mg/L	0.0109	0.79%
Pb 220.353†	11324.8	1.956	mg/L	0.0070	3.911	mg/L	0.0141	0.36%
Sb 206.836†	66.7	0.02288	mg/L	0.004699	0.04576	mg/L	0.009398	20.54%
Se 196.026†	2385.1	2.024	mg/L	0.0050	4.049	mg/L	0.0100	0.25%
Si 288.158†	9258.3	4.403	mg/L	0.0184	8.805	mg/L	0.0369	0.42%
Sn 189.927†	-15.9	-0.00024	mg/L	0.000504	-0.00047	mg/L	0.001007	212.64%
Sr 421.552†	614100.0	0.6904	mg/L	0.00015	1.381	mg/L	0.0003	0.02%
Ti 334.903†	173103.1	5.521	mg/L	0.0327	11.04	mg/L	0.065	0.59%
Tl 190.801†	2691.8	1.908	mg/L	0.0028	3.817	mg/L	0.0055	0.14%
V 292.402†	77210.1	0.7948	mg/L	0.00605	1.590	mg/L	0.0121	0.76%
Zn 206.200†	4059.8	0.9591	mg/L	0.01241	1.918	mg/L	0.0248	1.29%

Sequence No.: 29
Sample ID: PB35 MB1SPK SWC
Analyst: BLW
Dilution: 2X

Autosampler Location: 323
Date Collected: 6/10/2009 12:48:56 PM
Data Type: Original

Nebulizer Parameters: PB35 MB1SPK SWC

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: PB35 MB1SPK SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2179390.8	102.9	%	0.55				0.54%
ScR 361.383	557040.9	105.0	%	0.99				0.94%
Ag 328.068†	111203.2	0.5441	mg/L	0.00310	1.088	mg/L	0.0062	0.57%
Al 308.215†	3768.3	2.134	mg/L	0.0104	4.268	mg/L	0.0209	0.49%
As 188.979†	1808.8	2.146	mg/L	0.0089	4.293	mg/L	0.0178	0.41%
B 249.677†	17.5	0.00076	mg/L	0.000250	0.00153	mg/L	0.000499	32.68%
Ba 233.527†	23098.2	2.037	mg/L	0.0100	4.074	mg/L	0.0199	0.49%
Be 313.042†	428134.4	0.5038	mg/L	0.00346	1.008	mg/L	0.0069	0.69%
Ca 317.933†	125997.9	10.12	mg/L	0.069	20.23	mg/L	0.139	0.69%
Cd 228.802†	9494.1	0.5070	mg/L	0.00347	1.014	mg/L	0.0069	0.69%
Co 228.616†	13836.4	0.5143	mg/L	0.00247	1.029	mg/L	0.0049	0.48%
Cr 267.716†	5787.8	0.5185	mg/L	0.00416	1.037	mg/L	0.0083	0.80%
Cu 324.752†	128058.6	0.5079	mg/L	0.00162	1.016	mg/L	0.0032	0.32%
Fe 273.955†	3321.9	1.955	mg/L	0.0153	3.910	mg/L	0.0307	0.78%
K 766.490†	17360.3	9.769	mg/L	0.0781	19.54	mg/L	0.156	0.80%
Mg 279.077†	12883.8	10.31	mg/L	0.078	20.62	mg/L	0.156	0.76%
Mn 257.610†	47466.0	0.4966	mg/L	0.00354	0.9931	mg/L	0.00708	0.71%
Mo 202.031†	24.2	0.00160	mg/L	0.000183	0.00321	mg/L	0.000367	11.45%
Na 589.592†	142539.8	10.03	mg/L	0.078	20.07	mg/L	0.155	0.77%
Na 330.237†	482.2	10.21	mg/L	0.141	20.42	mg/L	0.282	1.38%
Ni 231.604†	1932.8	0.4761	mg/L	0.00141	0.9523	mg/L	0.00283	0.30%
Pb 220.353†	11780.7	2.023	mg/L	0.0081	4.046	mg/L	0.0163	0.40%
Sb 206.836†	16.8	0.00240	mg/L	0.001282	0.00480	mg/L	0.002565	53.41%
Se 196.026†	2490.5	2.096	mg/L	0.0136	4.193	mg/L	0.0272	0.65%
Si 288.158†	26.4	0.01476	mg/L	0.001217	0.02952	mg/L	0.002434	8.24%
Sn 189.927†	-10.5	-0.00217	mg/L	0.000273	-0.00434	mg/L	0.000547	12.60%
Sr 421.552†	431987.1	0.4856	mg/L	0.00339	0.9713	mg/L	0.00679	0.70%
Ti 334.903†	359.9	0.00924	mg/L	0.000255	0.01849	mg/L	0.000511	2.76%
Tl 190.801†	2958.1	2.076	mg/L	0.0106	4.153	mg/L	0.0211	0.51%
V 292.402†	49799.2	0.5190	mg/L	0.00282	1.038	mg/L	0.0056	0.54%
Zn 206.200†	2081.3	0.4920	mg/L	0.00249	0.9840	mg/L	0.00498	0.51%

Sequence No.: 30
Sample ID: CV 3
Analyst: BLW
Dilution: 1X

Autosampler Location: 7
Date Collected: 6/10/2009 12:52:26 PM
Data Type: Original

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2125778.7	100.3	%	0.32				0.32%
ScR 361.383	540943.5	102.0	%	0.98				0.96%
Ag 328.068†	204866.9	1.002	mg/L	0.0053	1.002	mg/L	0.0053	0.53%
Al 308.215†	3568.4	1.996	mg/L	0.0348	1.996	mg/L	0.0348	1.75%
As 188.979†	1731.8	2.059	mg/L	0.0134	2.059	mg/L	0.0134	0.65%
B 249.677†	10615.3	0.9815	mg/L	0.00680	0.9815	mg/L	0.00680	0.69%
Ba 233.527†	11377.8	1.003	mg/L	0.0087	1.003	mg/L	0.0087	0.86%
Be 313.042†	843458.2	0.9926	mg/L	0.00754	0.9926	mg/L	0.00754	0.76%
Ca 317.933†	26175.3	2.102	mg/L	0.0171	2.102	mg/L	0.0171	0.81%
Cd 228.802†	18861.1	1.025	mg/L	0.0053	1.025	mg/L	0.0053	0.52%
Co 228.616†	27563.6	1.023	mg/L	0.0032	1.023	mg/L	0.0032	0.31%
Cr 267.716†	11295.8	1.013	mg/L	0.0078	1.013	mg/L	0.0078	0.77%
Cu 324.752†	255733.1	1.014	mg/L	0.0059	1.014	mg/L	0.0059	0.58%
Fe 273.955†	3281.1	1.923	mg/L	0.0212	1.923	mg/L	0.0212	1.10%
K 766.490†	34531.4	19.43	mg/L	0.111	19.43	mg/L	0.111	0.57%
Mg 279.077†	2546.2	2.043	mg/L	0.0043	2.043	mg/L	0.0043	0.21%
Mn 257.610†	94550.1	0.9889	mg/L	0.00197	0.9889	mg/L	0.00197	0.20%
Mo 202.031†	14092.9	0.9979	mg/L	0.00352	0.9979	mg/L	0.00352	0.35%
Na 589.592†	705361.4	49.65	mg/L	0.126	49.65	mg/L	0.126	0.25%
Na 330.237†	2283.9	49.65	mg/L	0.418	49.65	mg/L	0.418	0.84%
Ni 231.604†	3808.5	0.9404	mg/L	0.00561	0.9404	mg/L	0.00561	0.60%
Pb 220.353†	11817.9	2.030	mg/L	0.0056	2.030	mg/L	0.0056	0.27%
Sb 206.836†	4425.0	2.011	mg/L	0.0078	2.011	mg/L	0.0078	0.39%
Se 196.026†	2430.0	2.046	mg/L	0.0088	2.046	mg/L	0.0088	0.43%
Si 288.158†	4264.0	2.033	mg/L	0.0286	2.033	mg/L	0.0286	1.41%
Sn 189.927†	4209.0	1.016	mg/L	0.0025	1.016	mg/L	0.0025	0.25%
Sr 421.552†	905197.9	1.018	mg/L	0.0027	1.018	mg/L	0.0027	0.27%
Ti 334.903†	32034.3	1.020	mg/L	0.0033	1.020	mg/L	0.0033	0.33%
Tl 190.801†	2938.2	2.061	mg/L	0.0094	2.061	mg/L	0.0094	0.46%
V 292.402†	96111.2	1.002	mg/L	0.0029	1.002	mg/L	0.0029	0.29%
Zn 206.200†	4188.1	0.9899	mg/L	0.00874	0.9899	mg/L	0.00874	0.88%

Sequence No.: 31
Sample ID: CB 3
Analyst: BLW
Dilution: 1X

Autosampler Location: 1
Date Collected: 6/10/2009 12:54:58 PM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	229.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	2144222.7	101.2	%	0.58				0.57%
ScR 361.383	543208.5	102.4	%	0.62				0.60%
Ag 328.068†	10.8	0.00005	mg/L	0.000142	0.00005	mg/L	0.000142	267.57%
Al 308.215†	24.0	0.01363	mg/L	0.003443	0.01363	mg/L	0.003443	25.25%
As 188.979†	-0.7	-0.00082	mg/L	0.005925	-0.00082	mg/L	0.005925	722.41%
B 249.677†	21.9	0.00203	mg/L	0.000925	0.00203	mg/L	0.000925	45.63%
Ba 233.527†	4.0	0.00035	mg/L	0.000233	0.00035	mg/L	0.000233	66.69%
Be 313.042†	122.4	0.00014	mg/L	0.000052	0.00014	mg/L	0.000052	36.07%
Ca 317.933†	30.8	0.00247	mg/L	0.001145	0.00247	mg/L	0.001145	46.25%
Cd 228.802†	9.7	0.00054	mg/L	0.000181	0.00054	mg/L	0.000181	33.32%
Co 228.616†	5.7	0.00021	mg/L	0.000179	0.00021	mg/L	0.000179	84.02%
Cr 267.716†	5.4	0.00048	mg/L	0.000413	0.00048	mg/L	0.000413	85.75%
Cu 324.752†	162.7	0.00065	mg/L	0.000165	0.00065	mg/L	0.000165	25.64%
Fe 273.955†	13.3	0.00785	mg/L	0.000667	0.00785	mg/L	0.000667	8.49%
K 766.490†	-4.0	-0.00224	mg/L	0.004962	-0.00224	mg/L	0.004962	221.78%
Mg 279.077†	10.3	0.00823	mg/L	0.001945	0.00823	mg/L	0.001945	23.64%
Mn 257.610†	29.1	0.00030	mg/L	0.000108	0.00030	mg/L	0.000108	35.44%
Mo 202.031†	6.2	0.00044	mg/L	0.000088	0.00044	mg/L	0.000088	20.22%
Na 589.592†	-57.9	-0.00408	mg/L	0.003114	-0.00408	mg/L	0.003114	76.40%
Na 330.237†	2.7	0.05835	mg/L	0.278111	0.05835	mg/L	0.278111	476.63%
Ni 231.604†	5.1	0.00126	mg/L	0.001863	0.00126	mg/L	0.001863	147.86%
Pb 220.353†	7.2	0.00125	mg/L	0.000165	0.00125	mg/L	0.000165	13.24%
Sb 206.836†	3.6	0.00161	mg/L	0.002271	0.00161	mg/L	0.002271	140.87%
Se 196.026†	6.7	0.00562	mg/L	0.004702	0.00562	mg/L	0.004702	83.66%
Si 288.158†	-2.5	-0.00121	mg/L	0.002912	-0.00121	mg/L	0.002912	241.10%
Sn 189.927†	1.6	0.00038	mg/L	0.001147	0.00038	mg/L	0.001147	304.93%
Sr 421.552†	191.6	0.00022	mg/L	0.000055	0.00022	mg/L	0.000055	25.59%
Ti 334.903†	8.6	0.00027	mg/L	0.000630	0.00027	mg/L	0.000630	230.51%
Tl 190.801†	-0.9	-0.00063	mg/L	0.002681	-0.00063	mg/L	0.002681	427.90%
V 292.402†	44.5	0.00046	mg/L	0.000244	0.00046	mg/L	0.000244	52.64%
Zn 206.200†	6.2	0.00146	mg/L	0.000278	0.00146	mg/L	0.000278	19.10%

Mercury Analysis Log

Analyst: MH

Instrument: CETAC

Date: 6/10/09

Page: 1 of 4

ARI Sample ID	Prep Code	Dilution	QC Data (ppb)	Comments	
STD 0.0	SMM	1x			
" 0.1	↓	↓			
" 0.5					
" 1.0					
" 2.0					
" 5.0					
" 10.0					
ICV			7.75	Begin LLP %R=97	✓
ICB			-0.02		✓
CCV1			3.98	%R=100	✓
CCB1			-0.02		✓
CRA			0.10		✓
PB81 MB1			-0.00		✓
" MB1SPK			2.08	%R=104	✓
" A			4.56		
" ADUP			4.37	RPD=4.26	✓
" ASPK			5.81	%R=125	✓
CCV2			4.00	%R=100	✓
CCB2			-0.01		✓
CCV3			4.03	%R=101	✓
CCB3			-0.01		✓
PB35 MB1			0.00		✓
" MB1SPK			2.09	%R=105	✓
" A			0.21		
" ADUP			0.19		✓
" ASPK			1.23	%R=102	✓
" C					
" E					
" G					
" I	↓	↓			

Chemical/Reagent ID:

10% $SnCl_2$: MP1695

14% NH_2OH/NaCl: MP1672

Standard ID:

Standard: 2615-15

ICV/CCV: 48-6

5026F

Revision 4
1/26/01

Mercury Analysis Log

Analyst: MH

Instrument: CETAC

Date: 6/10/09

Page: 2 of 4

ARI Sample ID	Prep Code	Dilution	QC Data (ppb)	Comments
PB35 J	SMM	1X		
CCV4			4.03	%R=101 ✓
CCB4			-0.01	✓
PB35 K				
" M				
" ~~O~~				
" Q				
CCV5			4.07	%R=102 ✓
CCB5			-0.01	End CLP ✓
PB76 MB			0.00	✓
" MBSPIC			2.10	%R=105 ✓
" A				
" B				
" C				
CCV			4.03	%R=101 ✓
CCB			-0.01	✓
STD 0.0	TWM			
" 0.1				
" 0.5				
" 1.0				
" 2.0				
" 5.0				
" 10.0				
Delete Confirmed ICV			10.24	%R=129 High X
ICB			-0.01	✓
ICV			8.36	%R=105 ✓
ICB			-0.04	✓
CCV			4.35	%R=109 ✓
CCB			-0.02	✓
CRA			0.11	✓

6/10/09

Chemical/Reagent ID:

10% $SnCl_2$: MP1695

14% NH_2OH/NaCl: MP1672

Standard ID:

Standard: 2615-15 → SMM

2615-14 → TWM

ICV/CCV: 48-6

ANALYTICAL RESOURCES INCORPORATED

Metals Data Review Checklist

Method: ICP ICP-MS GFA CVA **Analysis Date:** 6/10/09

	Analyst MH 6/10	Peer JB 6.10.9	Comment
Logbook:			
Analyst, Date, Method info	✓	✓	
Sample ID's	✓	✓	
Standard/QC solution ID's recorded	✓	✓	
Prep codes	✓	✓	
Dilution factors	✓	✓	
Crossouts/Corrections/Deletions	✓	✓	
Calibration:			
Blank & Standard intensities	✓	✓	
Standard deviations	✓	✓	
Curve fit	✓	✓	
Calibration Verification:			
ICV/CCV	✓	✓	SEE LOG
ICB/CCB	✓	✓	
Samples:			
RSD's & SD's	✓	✓	
Internal Standards	—	—	
Carry-over	—	—	
Method QC:			
CRI/CRA	✓	✓	
ICSA/ICSAB	—	—	
Post Spikes/Serial Dilutions	—	—	
Analytic Spikes	—	—	
Matrix QC:			
SRM/LCS	✓	✓	
Matrix Spikes	✓	✓	
Matrix Duplicates	✓	✓	
Method Blanks	✓	✓	
Data Distribution:			
Requested elements/isotope identified	✓	✓	
Correct samples identified for distribution	✓	✓	
Raw data match distributed data	✓	✓	
Data filename correct	✓	✓	
Necessary Analysts Notes and CAF's	✓	✓	

CETAC Hg Analysis Report - 09061000.DB - Wednesday, June 10, 2009, 1:17:31 PM

Analyst
Date Started Wednesday, June 10, 2009, 10:11:55
Worksheet ARI 10ppb CALIB
Comment

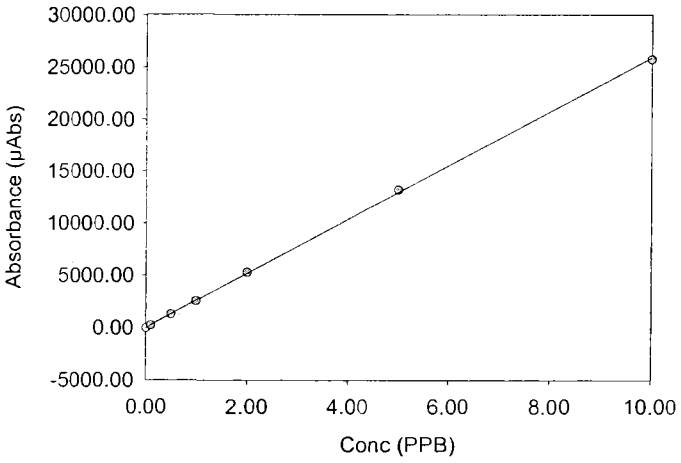
JLB 6/10/09

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
Std Tube 6	10-Jun-2009, 10:11	10.00	0.04	25700.00	1.00	

Information about this calibration could not be retrieved from the Master File.

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
Calibration Zero	10-Jun-2009, 10:14	0.00	7.30	-19.10	1.00	
Standard #1	10-Jun-2009, 10:16	0.10	0.85	263.00	1.00	
Standard #2	10-Jun-2009, 10:17	0.50	0.49	1280.00	1.00	
Standard #3	10-Jun-2009, 10:19	1.00	0.73	2540.00	1.00	
Standard #4	10-Jun-2009, 10:20	2.00	0.10	5310.00	1.00	
Standard #5	10-Jun-2009, 10:22	5.00	0.04	13200.00	1.00	
Standard #6	10-Jun-2009, 10:24	10.00	0.06	25800.00	1.00	

Calibration Data



Int.	0.000
Slope	2594.513
Correlation	0.99989 ✓

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
ICV	10-Jun-2009, 10:28	7.75	0.14	20100.00	1.00	Begin CLP
ICB	10-Jun-2009, 10:29	-0.02	7.71	-49.90	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	10-Jun-2009, 10:31	3.98	0.27	10300.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	10-Jun-2009, 10:32	-0.02	5.23	-47.30	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
CRA	10-Jun-2009, 10:34	0.10	0.58	270.00	1.00	
PB81 MB1 SMM	10-Jun-2009, 10:36	-0.00	178.00	-1.36	1.00	
PB81 MB1SPK SMM	10-Jun-2009, 10:37	2.08	0.03	5410.00	1.00	
PB81 A SMM	10-Jun-2009, 10:39	4.56	0.20	11800.00	1.00	
PB81 ADUP SMM	10-Jun-2009, 10:40	4.37	0.10	11300.00	1.00	
PB81 ASPK SMM	10-Jun-2009, 10:42	5.81	0.27	15100.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	10-Jun-2009, 10:44	4.00	0.02	10400.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	10-Jun-2009, 10:45	-0.01	8.48	-37.20	1.00	

Analyst
Date Started Wednesday, June 10, 2009, 10:52:11
Worksheet ARI 10ppb CALIB
Comment

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	10-Jun-2009, 10:52	4.03	0.11	10500.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	10-Jun-2009, 10:53	-0.01	5.96	-19.10	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
PB35 MB1 SMM	10-Jun-2009, 10:55	0.00	28.30	8.51	1.00	
PB35 MB1SPK SMM	10-Jun-2009, 10:57	2.09	0.26	5410.00	1.00	
PB35 A SMM	10-Jun-2009, 10:58	0.21	0.28	546.00	1.00	
PB35 ADUP SMM	10-Jun-2009, 11:00	0.19	0.36	503.00	1.00	
PB35 ASPK SMM	10-Jun-2009, 11:01	1.23	0.04	3200.00	1.00	
PB35 C SMM	10-Jun-2009, 11:03	0.28	0.20	719.00	1.00	
PB35 E SMM	10-Jun-2009, 11:05	0.21	0.30	548.00	1.00	
PB35 G SMM	10-Jun-2009, 11:06	0.07	0.53	171.00	1.00	
PB35 I SMM	10-Jun-2009, 11:08	0.17	0.69	446.00	1.00	
PB35 J SMM	10-Jun-2009, 11:09	0.24	0.42	628.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	10-Jun-2009, 11:11	4.03	0.01	10500.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	10-Jun-2009, 11:13	-0.01	10.80	-22.80	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
PB35 K SMM	10-Jun-2009, 11:14	0.14	0.30	373.00	1.00	
PB35 M SMM	10-Jun-2009, 11:16	0.20	0.15	518.00	1.00	
PB35 O SMM	10-Jun-2009, 11:18	0.18	0.52	465.00	1.00	
PB35 Q SMM	10-Jun-2009, 11:19	0.17	0.30	445.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	10-Jun-2009, 11:21	4.07	0.04	10600.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	10-Jun-2009, 11:22	-0.01	8.81	-17.60	1.00	End CLP

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
PB76 MB SMM	10-Jun-2009, 11:26	0.00	33.10	12.30	1.00	
PB76 MBSPK SMM	10-Jun-2009, 11:27	2.10	0.10	5460.00	1.00	
PB76 A SMM	10-Jun-2009, 11:29	0.13	0.45	335.00	1.00	
PB76 B SMM	10-Jun-2009, 11:31	0.41	0.60	1070.00	1.00	
PB76 C SMM	10-Jun-2009, 11:32	0.75	0.32	1940.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	10-Jun-2009, 11:34	4.03	0.11	10500.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	10-Jun-2009, 11:35	-0.01	8.78	-25.90	1.00	

6/10/09

Mercury Standard Prep Log

Prep Code: 5mm Instrument: CETAC

Analyst: DM Date: 6-09-09

Bath Temp: 95°C Start Time: 1750 End Time: 1820

Standard ID	Stock ID	Volume Added (mL)	Final Volume (mL)	Standard Conc. (µg/L)	Number Made
STD0	—	0.00	50.0	0.0	3
STD1	2615-15	0.01		0.1	2
STD2		0.05		0.5	2
STD3		0.10		1.0	2
STD4		0.20		2.0	2
STD5		0.50		5.0	2
STD6		1.00		10.0	2
CRA		0.01		0.1	1
ICB/CCB	—	0.00		0.0	3
ICV/LCS	48-6	0.08		8.0	2
CCV		0.04	50.0	4.0	3

Chemical/Reagent ID:

HNO_3: I4674 H_2SO_4: I4680 HCl: —

5% $K_2S_2O_8$: MP1670 5% $KMnO_4$: MP1671

Prep Code: _____ Instrument: _____

Analyst: _____ Date: _____

Bath Temp: _____ Start Time: _____ End Time: _____

Standard ID	Stock ID	Volume Added (mL)	Final Volume (mL)	Standard Conc. (µg/L)	Number Made
STD0		0.00			
STD1					
STD2		0.05			
STD3		0.10			
STD4		0.20			
STD5		0.50			
STD6		1.00			
CRA					
ICB/CCB		0.00			
ICV/LCS					
CCV					

Chemical/Reagent ID:

HNO_3: _____ H_2SO_4: _____ HCl: _____

5% $K_2S_2O_8$: _____ 5% $KMnO_4$: _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Mercury Digestion Log

Prep Code: SMM
Analyst: MH
Bath Temp: 95°C
Start Time: 1700
Matrix: Soil
Date: 6/08/09
End Time: 1730

ARI Sample ID	Sample Bottle #	BOD Bottle #	pH<2	Initial Weight (g) Volume (mL)	Final Volume (mL)	# $KMnO_4$ Aliquots	CL P	Comments
PB35 A	4	—	—	0.220	50.0	6/18 1	(Y)	
" ADUP	4	—	—	0.220		1		
" ASPK	4	—	—	0.223		1		
" C	4	—	—	0.289		1		
" E	4	—	—	0.241		1		
" G	4	—	—	0.272		1		
" I	5	—	—	0.260		1		
" J	4	—	—	0.259		1		
" K	5	—	—	0.214		1		
" M	3	—	—	0.279		1		
" O	3	—	—	0.291		1		
" Q	4	—	—	0.237		1		
" MBL	—	—	—	—		1		
" MBLSPK	—	—	—	—	50.0	1	(Y)	

MH 6/08/09

Chemical/Reagent ID:

HNO_3: I4674
H_2SO_4: I4680
HCl: —
5% $K_2S_2O_8$: MP1670
5% $KMnO_4$: MP1671
Digest Tube Lot: 48111S095

Metals Analysis
Prep Logs

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Mercury Digestion Log

Prep Code: SMM
Analyst: MH
Bath Temp: 95°C
Start Time: 1700
Matrix: Soil
Date: 6/08/09
End Time: 1730

ARI Sample ID	Sample Bottle #	BOD Bottle #	pH<2	Initial Weight (g) Volume (mL)	Final Volume (mL)	# $KMnO_4$ Aliquots	CL P	Comments
PB35 A	4	—	—	0.220	50.0	6/18 1	(Y)	
" ADUP	4	—	—	0.220		1		
" ASPK	4	—	—	0.223		1		
" C	4	—	—	0.289		1		
" E	4	—	—	0.241		1		
" G	4	—	—	0.272		1		
" I	5	—	—	0.260		1		
" J	4	—	—	0.259		1		
" K	5	—	—	0.214		1		
" M	3	—	—	0.279		1		
" O	3	—	—	0.291		1		
" Q	4	—	—	0.237		1		
" MBL	—	—	—	—		1		
" MBLSPK	—	—	—	—	50.0	1	(Y)	

MH 6/08/09

Chemical/Reagent ID:

HNO_3: I4674
H_2SO_4: I4680
HCl: —
5% $K_2S_2O_8$: MP1670
5% $KMnO_4$: MP1671
Digest Tube Lot: A811L5095

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Digestion Log

Analyst: MH Date: 6/08/09

Matrix: Soil Block Temp: 90°C

ARI Sample ID	Btl #	pH<2	Prep Code: SWC Initial Wt (g) ~~Vol (mL)~~	Prep Code: SWC Final Vol (mL)	Prep Code: SWN Initial Wt (g) ~~Vol (mL)~~	Prep Code: SWN Final Vol (mL)	Comments
PB60 A	1	—	1.085	50.0	1.026	50.0	
" B	1	—	1.021		1.042		
" C	1	—	1.088		1.028		
" D	1	—	1.041		1.042		
" E	1	—	1.053		1.093		
" MB	—	—	—		—		
" MBSPK	—	—	—		—	50.0	
PB35 A	4	—	1.056				
" C	4	—	1.051				
" E	4	—	1.025				
" G	4	—	1.060				
" I	5	—	1.055				
" J	4	—	1.079				
" K	5	—	1.073				
" M	3	—	1.044				
" O	3	—	1.038				
" Q	4	—	1.023				
" ADUP	4	—	1.058				
" ASPK	4	—	1.056				
" MBL	—	—	—				
" MBLSPK	—	—	—	50.0			

MH 6/08/09

MH 6/08/09

Chemical/Reagent ID:

HNO_3: MP1688/ I4674 HCl: I4309 H_2O_2: I4647 Tube Lot #: AP0115267

Analytical Resources, Incorporated
Analytical Chemists and Consultants

SPIKING LOG

Analyst: MM

Date: 6/08/09

Final Volume 50

Final Volume (Hg): 50

Sample ID PB35 ASPK, MBISPK

Prepcode:		SWC		
Spike Solution:		ICP Routine	ICP No GFA	GFA
Standard No.:		2593-2		
Vol Added (mL):		1.0		
STOCK CONCENTRATION	Ag	50 ✓		2.0
	Al	200	200	
	As	200 ✓		10
	Ba	200	200	
	Be	50	50	
	Ca	1000	1000	
	Cd	50 ✓		2.0
	Co	50	50	
	Cr	50 ✓	50	
	Cu	50 ✓	50	
	Fe	200	200	
	K	1000	1000	
	Mg	1000	1000	
	Mn	50	50	
	Na	1000	1000	
	Ni	50	50	
	Pb	200 ✓		10
	Se	200		10
	Sr	50	50	
	Tl	200		10
	V	50	50	
	Zn	50 ✓	50	

	ICP-MS #1	ICP-MS #2	ICP-MS Minerals
Ag	25		
Al			500
As	25		
Ba	25		
Be	25		
Ca			500
Cd	25		
Co	25		
Cr	25		
Cu	25		
Fe			500
K			500
Mg			500
Mn	25		
Mo		25	
Na			500
Ni	25		
Pb	25		
Sb		25	
Se	80		
Tl	25		
U	25		
V	25		
Zn	80		

Element	Prepcode	Analysis	Stock Conc.	Stock Added	Std No.
Hg	SMM	CVA	1.0	0.05	2563-3
Hg MBSPK	↓	CVA	1.0	0.10	↓
Sb		ICP	2000		
Sb		GFA	100		
B		ICP	500		
Mo		ICP	500		
Si		ICP	10000		
Sn		ICP	500		
Ti		ICP	2000		

Additional Elements:

Element	Prepcode	Analysis	Stock Conc.	Stock Added	Std. No.

PB35:00958

5033F

Revision 14, 11/21/05

General Chemistry Analysis
QC Summary Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

METHOD BLANK RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Total Solids	06/05/09	Percent	< 0.01 U
Preserved Total Solids	06/08/09	Percent	< 0.01 U
Total Volatile Solids	06/05/09	Percent	< 0.01 U
N-Ammonia	06/09/09	mg-N/kg	< 0.10 U
Sulfide	06/08/09	mg/kg	< 1.00 U
	06/08/09		< 0.05 U
Total Organic Carbon	06/08/09	Percent	< 0.020 U

MS/MSD RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: PB35A Client ID: 3SED1-A						
N-Ammonia	06/09/09	mg-N/kg	5.03	170	165	100.0%
ARI ID: PB35B Client ID: 3SED1-A						
Sulfide	06/08/09	mg/kg	54.3	246	200	95.8%
ARI ID: PB35K Client ID: 3SED11-A						
Total Organic Carbon	06/08/09	Percent	1.12	2.27	1.23	93.6%

REPLICATE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: PB35A Client ID: 3SED1-A					
N-Ammonia	06/09/09	mg-N/kg	5.03	5.80 5.65	7.4%
ARI ID: PB35B Client ID: 3SED1-A					
Preserved Total Solids	06/08/09	Percent	61.60	62.90 59.50	2.8%
Sulfide	06/08/09	mg/kg	54.3	46.1	16.3%
ARI ID: PB35K Client ID: 3SED11-A					
Total Solids	06/05/09	Percent	64.40	65.30 65.20	0.8%
Total Volatile Solids	06/05/09	Percent	3.23	3.28 3.26	0.8%
Total Organic Carbon	06/08/09	Percent	1.12	0.995 1.16	7.9%

LAB CONTROL RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
Sulfide	06/08/09	mg/kg	5.91	5.84	101.2%
	06/08/09		5.31	5.84	90.9%
Total Organic Carbon	06/08/09	Percent	0.463	0.500	92.6%

STANDARD REFERENCE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
N-Ammonia SPEX 28-24AS	06/09/09	mg-N/kg	102	100	102.0%
Total Organic Carbon NIST #8704	06/08/09	Percent	3.15	3.35	94.0%

General Chemistry Analysis
Sample Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-A
ARI ID: 09-12717 PB35A

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	56.50
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	6.34
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.17	5.03
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	2.20

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-A
ARI ID: 09-12718 PB35B

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	61.60
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	8.51	54.3

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-B
ARI ID: 09-12719 PB35C

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	55.50
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	6.14
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.17	8.48
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	3.06

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-B
ARI ID: 09-12720 PB35D

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	57.50
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	8.53	48.8

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MD
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-C
ARI ID: 09-12721 PB35E

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	56.50
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	5.72
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.17	8.15
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	2.30

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED1-C
ARI ID: 09-12722 PB35F

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	51.30
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	2.00	7.77

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED2-A
ARI ID: 09-12723 PB35G

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	81.40
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	2.09
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.12	1.44
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	2.12

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: JMB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED2-A
ARI ID: 09-12724 PB35H

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	81.40
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	64.4	492

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED2-B
ARI ID: 09-12725 PB35I

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	68.80
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	55.60
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	4.94
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.14	9.51
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	36.5	250
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	3.25

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED2-C
ARI ID: 09-12726 PB35J

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	61.90
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	55.00
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	9.87
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.15	5.95
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	99.9	462
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	5.41

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED11-A
ARI ID: 09-12727 PB35K

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	64.40
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	3.23
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.15	5.96
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.12

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED11-A
ARI ID: 09-12728 PB35L

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	64.50
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	1.65	13.4

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED11-B
ARI ID: 09-12729 PB35M

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	62.90
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	4.08
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.15	6.89
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.03

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MB
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED11-B
ARI ID: 09-12730 PB35N

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	60.60
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	1.67	21.0

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED12-A
ARI ID: 09-12731 PB35O

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	68.00
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	2.91
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.14	9.94
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	0.814

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED12-A
ARI ID: 09-12732 PB35P

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	61.50
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	8.59	74.1

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED12-B
ARI ID: 09-12733 PB35Q

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	59.30
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	4.44
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.16	7.19
Total Organic Carbon	06/08/09 060809#1	Plumb,1981	Percent	0.020	1.45

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB35-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized: MP
Reported: 06/11/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/03/09
Date Received: 06/03/09

Client ID: 3SED12-B
ARI ID: 09-12734 PB35R

Analyte	Date	Method	Units	RL	Sample
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	60.90
Sulfide	06/08/09 060809#1	EPA 376.2	mg/kg	35.0	173

RL Analytical reporting limit
U Undetected at reported detection limit

General Chemistry Analysis
Instrument Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

W
6-8-09

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/5/2009 18:30

ANALYST: CDE/BL

Batch drying time	*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm	*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/5/2009 18:30 time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/6/2009 9:05 time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs = 14.6		*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID	CV-02	CV-02	CV-02					CV-02	CV-02					
Date & Time	6/5/09 17:00	6/5/09 15:44	6/6/09 9:05					6/6/09 9:20	6/6/09 10:20					
Cal Wt (g) 10.0000	10.0001	10.0002	10.0002					10.0002	10.0002					
record weights to 4 places	*Cal OK!*	*Cal OK!*	*Cal OK!*					*Cal OK!*	*Cal OK!*					

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	(%)
Blank		0.0000	1.0736	1.0737			0.00		1.0737	1.0737	OK	0.00		
PB35 A1		6.0516	1.0886	3.8944			2.81	56.5%	3.7193	3.7164	OK	2.63	63,440	6.34%
PB35 C1		6.2225	1.0929	3.9376			2.84	55.5%	3.7652	3.7630	OK	2.67	61,377	6.14%
PB35 E1		6.4183	1.0903	4.0990			3.01	56.5%	3.9293	3.9269	OK	2.84	57,201	5.72%
PB35 G1		6.0815	1.0829	5.1537			4.07	81.4%	5.0715	5.0687	OK	3.99	20,880	2.09%
PB35 I2		6.2223	1.1102	4.6259			3.52	68.8%	4.4544	4.4522	OK	3.34	49,407	4.94%
PB35 J2		6.0721	1.1347	4.1910			3.06	61.9%	3.8909	3.8893	OK	2.75	98,714	9.87%
PB35 K4		6.5480	1.1272	4.6208			3.49	64.4%	4.5112	4.5080	OK	3.38	32,288	3.23%
PB35 K4 dup		6.3225	1.0946	4.5083			3.41	65.3%	4.3995	4.3963	OK	3.30	32,809	3.28%
							RPD =	1.31%				RPD =	1.60%	
PB35 K4 trp		6.6006	1.0877	4.6818			3.59	65.2%	4.5685	4.5645	OK	3.48	32,637	3.26%
							RSD =	0.71%				RSD =	0.82%	
PB35 M2		6.2283	1.0787	4.3161			3.24	62.9%	4.1881	4.1841	OK	3.11	40,773	4.08%
PB35 O2		6.5047	1.0919	4.7721			3.68	68.0%	4.6696	4.6650	OK	3.57	29,102	2.91%
PB35 Q1		5.7374	1.0818	3.8403			2.76	59.3%	3.7220	3.7179	OK	2.64	44,372	4.44%
PB44 A2		6.3560	1.0721	5.2362			4.16	78.8%	5.1690	5.1650	OK	4.09	17,099	1.71%
PB44 B2		6.9617	1.0851	5.4331			4.35	74.0%	5.3514	5.3465	OK	4.26	19,917	1.99%
PB44 C2		7.0153	1.0637	5.3883			4.32	72.7%	5.2910	5.2857	OK	4.22	23,725	2.37%
PB44 D2		6.0967	1.0999	5.0735			3.97	79.5%	4.9482	4.9450	OK	3.85	32,338	3.23%
PB44 E2		6.4793	1.0969	4.0131			2.92	54.2%	3.8399	3.8371	OK	2.74	60,353	6.04%
PB44 F2		6.0194	1.0767	3.6867			2.61	52.8%	3.4948	3.4916	OK	2.41	74,751	7.48%
PB44 G2		7.6107	1.0890	6.1793			5.09	78.1%	6.0451	6.0411	OK	4.95	27,150	2.71%
PB44 H2		7.3738	1.0733	6.6041			5.53	87.8%	6.4337	6.4268	OK	5.35	32,057	3.21%
PB44 I2		7.4014	1.0842	6.4059			5.32	84.2%	6.2251	6.2194	OK	5.14	35,045	3.50%

PBS35 : 01625

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

DATE: 6/5/2009 18:30

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

ANALYST: CDE/BL

Batch drying time	*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm	*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/5/2009 18:30 time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/6/2009 9:05 time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs = 14.6		*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID		CV-02	CV-02	CV-02					CV-02	CV-02				
Date & Time		6/5/09 17:00	6/5/09 15:44	6/6/09 9:05					6/6/09 9:20	6/6/09 10:20				
Cal Wt (g)	10.0000	10.0001	10.0002	10.0002					10.0002	10.0002				
record weights to 4 places		*Cal OK!*	*Cal OK!*	*Cal OK!*					*Cal OK!*	*Cal OK!*				

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
PB44 J2		6.3346	1.1157	5.4139			4.30	82.4%	5.2609	5.2594	OK	4.14	35,945	3.59%
PB44 K2		5.6648	1.0798	3.4164			2.34	51.0%	3.2263	3.2238	OK	2.14	82,427	8.24%
PB44 K2 dup		5.9761	1.0874	3.5684			2.48	50.7%	3.3739	3.3705	OK	2.28	79,766	7.98%
							RPD =	0.42%				RPD =	3.28%	
PB44 K2 trp		5.8287	1.0896	3.4799			2.39	50.4%	3.2872	3.2847	OK	2.20	81,663	8.17%
							RSD =	0.52%				RSD =	1.69%	
PB44 L2		7.1147	1.0890	4.3523			3.26	54.2%	4.1325	4.1281	OK	3.04	68,703	6.87%
PB44 M2		5.3313	1.1175	3.0585			1.94	46.1%	2.8796	2.8768	OK	1.76	93,612	9.36%
PB44 N2		6.1719	1.1116	3.6722			2.56	50.6%	3.4863	3.4830	OK	2.37	73,889	7.39%
PB44 O2		6.7694	1.0969	4.2751			3.18	56.0%	4.0795	4.0752	OK	2.98	62,897	6.29%
Blank		0.0000	1.0912	1.0907			0.00		1.0904	1.0904	OK	0.00		

PB35 : 91826

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE:

ANALYST: Cont.

Batch drying time	*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm	*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs = 0.0 < 12 hr		*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID	CV-02	CV-02	CV-02					CV-02	CV-02					
Date & Time		Cont						Cont						
Cal Wt (g) 10.0000														
record weights to 4 places														

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1		dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	(%)
~~Blank~~ PB44 DUP K²	25	5.9761	1.0974	3.5684	3.5734			3.3739	3.3705				
TP K²	26	6.8297	1.0896	3.4799	3.2872			3.2872	3.2847				
L²	27	7.1147	1.0890	4.3523	4.1825			4.1325	4.1281				
M²	28	5.3313	1.1175	3.0585	2.8796			2.8796	2.8768				
N²	29	6.1719	1.1116	3.6722	3.4863			3.4863	3.4830				
O²	30	6.7674	1.0969	4.2751				4.0795	4.0752				
Blank	62	B	1.0912	1.0907				1.0904	1.0904				

PB35:01627

@ 6/5/9 cmk

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/5/9 1830

ANALYST: CMK / BL

Batch drying time

record times as mm/dd/yy hh:mm

6/5/9 CMK time in oven 18:30

6/6/09 BL time out 9:05

elapsed hrs = 0.0 *< 12 hr*

TS (%) calculated as:
Final dry wt (g) = (Dry Wt - Tare Wt)
TS = (Final Dry Wt)/ (grams Sample-Tare)

TVS (mg/kg dry wt) calculated as:
Final ash wt (g) = (min ash wt - tare wt)
*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
if ash wt > dry wt, "Chk for Err"
*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID	CV-02	CV-02	CV-02						CV-02	CV-02						
Date & Time	6/5/09 BL	6/5/9 CMK	6/6/09 BL						6/5/09 BL	6/5/09 BL						
Cal Wt (g) 10.0000	10.0001	10.0002	10.0002						9:20	10:20						
record weights to 4 places																

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank PB44 ~~AK~~	1	0	1.0736	1.0737					1.0737	1.0737				
PB35 A¹	2	6.0516	1.0886	3.8944					3.7193	3.7164				
C¹	3	6.2225	1.0929	3.9376					3.7652	3.7630				
E¹	4	6.4183	1.0903	4.0990					3.4293	3.4269				
G¹	5	6.0815	1.0829	5.1537					5.0715	5.0687				
I²	6	6.2223	1.1102	4.6259					4.4544	4.4522				
J²	7	6.0721	1.1347	4.1910					3.8909	3.8893				
K⁴	8	6.5480	1.1272	4.6208					4.5112	4.5080				
DP K⁴	9	6.3225	1.0996	4.5085					4.3495	4.3963				
TP K⁴	10	6.6006	1.0877	4.6818					4.5685	4.5645				
M²	11	6.2283	1.0787	4.3161					4.1881	4.1841				
O²	12	6.5047	1.0919	4.7721			6/6/09		4.6696	4.6650				
Q¹	13	5.7374	1.0818	~~4.3843~~			11:00		3.7220	3.7179				
PB44 A²	14	0.3560	1.0721	~~3.8403~~ 5.2362			10.0002		5.1690	5.1650		6/6/09		
B²	15	6.9617	1.0851	5.4331				6/6/09	5.3514	5.3465		18:13		
C²	16	7.0155	1.0637	5.3883				12:00	5.2910	5.2857		10.0002		
D²	17	6.0967	1.0999	5.0735				10.0002	4.9482	4.9450				
E²	18	6.4793	1.0969	4.0131					3.8399	3.8371				
F²	19	6.0194	1.0767	3.6867					3.4948	3.4916				
G²	20	7.6107	1.0890	6.1793					6.0451	6.0411				
H²	21	7.3738	1.0733	6.6041					6.4337	6.4268				
I²	22	7.4014	1.0842	6.4059					6.2251	6.2194				
J²	23	6.3346	1.1157	5.4139					5.2609	5.2544				
K²	24	5.6648	1.0798	3.4164					3.2265	3.2238				

PB35 : 01928

6-9-09

TOC, Solids Data Analysis, DC-190

Mode: NPOC Inlet: Boat
Spike Std = 2,000 ppm C

DATE: 6/8/09 10:10
ANALYST: KE

Calibration Data

Calibration Standard Source: ARI # 0094 - 06 Conc (ppm): 2,000

Observed Values (µg/g)			mean	Cal Factor
1,499	1,451	1,515	1,488	1.344

Verification Standard Source: ERA 0506 - 09 - 01 Conc (ppm): 5,000

Standard Reference Material Source: NIST 8704 Conc (ppm): 33,510

Blank Data

System Blanks (enter "observed C")

Replicate	1	2	3	4	5	Mean	condition
ppm	43.00	22.03	7.87	3.71		19.15	OK I

Historical Blank Limits: mean 17.8, stdev 7.23, LBL -3.9, UBL 39.5

Silica Blanks (enter "corrected C" at end of run)

Replicate	1	2	3	4	5	Mean	condition

Sample Data (Entered data must match the Dohrmann output report I)

"Corrected C" (no dilution) = "Observed C" - Mean Blank

"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor

Sample ID	Dilution Data: Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	Spike (µL Std)	Combustion Data: Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
ICV				1.00		10.0	4651	4,632	92.64%
Blank				1.00		10.0	43		Blank OK
NIST 8704				1.00		3.8	31490	31,471	93.91%
PA75 G2				1.00		2.0	10520	10,501	Range OK!
PA75 H2				1.00		2.9	9076	9,057	Range OK!
PA75 I 2				1.00		2.6	10200	10,181	Range OK!
PA75 J 2				1.00		3.0	6256	6,237	Range OK!
PA75 K2				1.00		2.0	8540	8,521	Range OK!
PA75 L2				1.00		3.2	7831	7,812	Range OK!
PA75 M2				1.00		3.2	12480	12,461	Range OK!
PA75 N2				1.00		3.1	12510	12,491	Range OK!
PB25 A3				1.00		0.9	35850	35,831	Range OK!
CCV				1.00		10.0	5370	5,351	107.02%
Blank				1.00		10.0	22.03		Blank OK
PB26 A2				1.00		1.3	8517	8,498	Range OK!
PB26 B2				1.00		1.4	4801	4,782	Range OK!
PB35 K4				1.00		2.2	10720	10,701	Range OK!
PB35 K4 dup				1.00		2.3	9551	9,532	RPD=11.6%
PB35 K4 trp				1.00		2.3	11100	11,081	RSD=7.7%
~~PB35 K4 ms~~			-	~~1.00~~	~~10~~	~~1.9~~	~~25010~~	~~24,991~~	~~Range OK!~~
~~Spike =~~	~~0.02~~	~~mg C to~~	~~1.9~~	~~mg samp=~~	~~10,526~~	~~ppm~~		~~136%~~	
PB35 K4 ms				1.00	10	1.7	21760	21,741	Range OK!
Spike =	0.02	mg C to	1.7	mg samp=	11,765	ppm		94%	
PB35 A1				1.00		2.0	19910	19,891	Range OK!
PB35 C1				1.00		1.7	30430	30,411	Range OK!
PB35 E1				1.00		1.6	22080	22,061	Range OK!
~~CCV~~			-	~~1.00~~		~~10.0~~	~~5556~~	5,537	~~110.74%~~
CCV				1.00		10.0	5406	5,387	107.74%
Blank				1.00		10.0	7.872		Blank OK
PB35 G1				1.00		1.5	20970	20,951	Range OK!
PB35 I 2				1.00		1.5	32870	32,851	Range OK!
PB35 J 2				1.00		1.1	53230	53,211	Range OK!
PB35 M2				1.00		2.2	9862	9,843	Range OK!

PB35 : 01029

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data				Spike	Combustion Data			
	Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	(µL Std)	Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
PB35 O2				1.00		2.4	7910	7,891	*Range OK!*
PB35 Q2				1.00		3.2	13940	13,921	*Range OK!*
PB06 A2				1.00		2.2	25070	25,051	*Range OK!*
PB06 B2				1.00		1.6	18150	18,131	*Range OK!*
PB06 C2				1.00		3.1	10270	10,251	*Range OK!*
PB06 D2				1.00		1.5	12800	12,781	*Range OK!*
~~NIST 8704~~			-	~~1.00~~		~~3.4~~	~~24660~~	~~24,641~~	~~*73.63%*~~
NIST 8704				1.00		3.7	32170	32,151	*95.94%*
CCV				1.00		10.0	4833	4,814	*96.28%*
Blank				1.00		10.0	3.711		*Blank OK*

Analytical Resources, Incorporated
Analytical Chemists and Consultants

(1) 6-8-09 (W)

TOC Solids Sample Run Log

Set-Up Parameters MODE: NPOC **INLET:** BOAT

Standards:	Source	Conc (ppm)
Calibration:	ARI 0094-06	2000
Verification:	ERA 0506-09-01	5000
SRM:	NBS 8704	33516

10:10

Sample Sequence:

Sample ID	Dilution Data (mg)		Burn Wt	Matrix Spike Data		Comments
	Sample	+ Silica Gel	mg	mg/L	µL added	
ICV			10			
ICB			10			
NBS 8704			3.8			
PA75 G2			2.0			
H2			2.9			
I2			2.6			
J2			(1) ~~3.8~~ 3.0			
K2			2.0			
L2			3.2			
M2			3.2			
N2			3.1			
PB25 A3			0.9			
CCV			10			
CCB			10			
PB26 A1			1.3			
B1			1.4			
PB35 K4			2.2			
DP K4			2.3			
DP K4			2.3			
MS K4			1.9	2000	10	high
MS K4			1.7	2000	10	
A2			2.0			
C2			1.7			
E2			1.6			
CCV 610			10/10			2 injects
CCB I2 (1)			10			
PB35 G1 CCV 610			~~0.0~~ 1.5			
I2 CCB			(1) 0.0 1.5			
PB35 J2			1.1			
M2			2.2			
O2			2.4			
Q2			3.2			

6-8-09 (W)

TOC Solids Sample Run Log

Set-Up Parameters MODE: NPOC **INLET:** BOAT

Standards:	Source	Conc (ppm)
Calibration:	ART 009406	2000
Verification:	ERA 0506-09-01	5000
SRM:	NBS 8704	33570

10:10

Sample Sequence:

Sample ID	Dilution Data (mg)		Burn Wt	Matrix Spike Data		Comments
	Sample	+ Silica Gel	mg	mg/L	µL added	
PBQ6 A²			2.2			
B²			1.6			
C²			3.1			
D²			1.5			
NBS 8704			3.4/3.7			2 injects
CCV			10			
CCB			10			

W 6-8-09

6-8-09 (W)

Operating Parameters

Analysis set-up 1
NPOC Analysis
Boat mode
Sample size 25.
Calibration factor 1.
System blank 0.
Std. concentration =2000.
Sample mass (mg) = 25.
1. NPOC = 1499. ug/g
Sample mass (mg) = 25.
2. NPOC = 1451. ug/g
Sample mass (mg) = 25.
3. NPOC = 1171. ug/g Time-Out Error!
Sample mass (mg) = 25.
4. NPOC = 1213. ug/g
Sample mass (mg) = 25.
5. NPOC = 1515. ug/g
AVG NPOC = 1370. +/- 164.7 % std dev: 12.02
11:08:32 Mon Jun 8, 2009
Repeat number 3 omitted:
Repeat number 4 omitted:

AVG NPOC = 1488. +/- 33.01 % std dev: 2.218
Calibration update:
Calibration factor 1.344
System blank 0.
Sample mass (mg) = 10.
1. NPOC = 4651. ug/g
11:16:27 Mon Jun 8, 2009
Sample mass (mg) = 10.
1. NPOC = 43. ug/g
11:39:16 Mon Jun 8, 2009
Sample mass (mg) = 3.8
1. NPOC = 31490. ug/g
12:00:49 Mon Jun 8, 2009
Sample mass (mg) = 2.
1. NPOC = 10520. ug/g
12:14:43 Mon Jun 8, 2009
Sample mass (mg) = 2.9
1. NPOC = 9076. ug/g
12:23:25 Mon Jun 8, 2009
Sample mass (mg) = 2.6
1. NPOC = 10200. ug/g
12:40:32 Mon Jun 8, 2009
Sample mass (mg) = 3.
1. NPOC = 6256. ug/g
12:55:35 Mon Jun 8, 2009
Sample mass (mg) = 2.
1. NPOC = 8540. ug/g
13:04:01 Mon Jun 8, 2009
Sample mass (mg) = 3.
1. NPOC = 0. ug/g No Peak!! NO inject 6-8-09 (W)
13:09:59 Mon Jun 8, 2009
Sample mass (mg) = 3.2
1. NPOC = 7831. ug/g
13:32:21 Mon Jun 8, 2009
Sample mass (mg) = 3.2
1. NPOC = 12480. ug/g
13:40:52 Mon Jun 8, 2009
Sample mass (mg) = 3.1

13:48:06 Mon Jun 8, 2009
Sample mass (mg) = 0.9
1. NPOC = 35850. ug/g
13:56:48 Mon Jun 8, 2009
Sample mass (mg) = 10.
1. NPOC = 5370. ug/g
14:03:16 Mon Jun 8, 2009
Sample mass (mg) = 10.
1. NPOC = 22.03 ug/g
14:08:15 Mon Jun 8, 2009
Sample mass (mg) = 1.3
1. NPOC = 8517. ug/g
14:16:47 Mon Jun 8, 2009
Sample mass (mg) = 1.4
1. NPOC = 4801. ug/g
14:22:10 Mon Jun 8, 2009
Sample mass (mg) = 2.2
1. NPOC = 10720. ug/g
14:28:01 Mon Jun 8, 2009
Sample mass (mg) = 2.3
1. NPOC = 9551. ug/g
15:10:39 Mon Jun 8, 2009
Sample mass (mg) = 2.3
1. NPOC = 11100. ug/g
15:21:37 Mon Jun 8, 2009
Sample mass (mg) = 1.9
1. NPOC = 25010. ug/g
15:31:58 Mon Jun 8, 2009
Sample mass (mg) = 1.7
1. NPOC = 21760. ug/g
15:41:01 Mon Jun 8, 2009
Sample mass (mg) = 2.
1. NPOC = 19910. ug/g
15:55:07 Mon Jun 8, 2009
Sample mass (mg) = 1.7
1. NPOC = 30430. ug/g
16:17:51 Mon Jun 8, 2009
Sample mass (mg) = 1.6
1. NPOC = 22080. ug/g
16:26:21 Mon Jun 8, 2009
Sample mass (mg) = 10.
1. NPOC = 5556. ug/g
16:32:29 Mon Jun 8, 2009
Sample mass (mg) = 10.
1. NPOC = 5406. ug/g
16:47:59 Mon Jun 8, 2009
Sample mass (mg) = 10.
1. NPOC = 7.872 ug/g
16:57:27 Mon Jun 8, 2009
Sample mass (mg) = 1.5
1. NPOC = 20970. ug/g
17:05:14 Mon Jun 8, 2009
Sample mass (mg) = 1.5
1. NPOC = 32870. ug/g
17:16:07 Mon Jun 8, 2009
Sample mass (mg) = 1.1
1. NPOC = 53230. ug/g
17:21:53 Mon Jun 8, 2009
Sample mass (mg) = 2.2
1. NPOC = 9862. ug/g
17:28:41 Mon Jun 8, 2009
Sample mass (mg) = 2.4
1. NPOC = 7910. ug/g

17:36:17 Mon Jun 8, 2009
Sample mass (mg) = 3.2
1. NPOC = 13940. ug/g
17:44:09 Mon Jun 8, 2009
Sample mass (mg) = 2.2
1. NPOC = 25070. ug/g
17:56:14 Mon Jun 8, 2009
Sample mass (mg) = 1.6
1. NPOC = 18150. ug/g
18:05:58 Mon Jun 8, 2009
Sample mass (mg) = 3.1
1. NPOC = 10270. ug/g
18:21:15 Mon Jun 8, 2009
Sample mass (mg) = 1.5
1. NPOC = 12800. ug/g
18:41:11 Mon Jun 8, 2009
Sample mass (mg) = 3.4
1. NPOC = 24660. ug/g
19:07:13 Mon Jun 8, 2009
Sample mass (mg) = 3.7
1. NPOC = 32170. ug/g
19:38:31 Mon Jun 8, 2009
Sample mass (mg) = 10.
1. NPOC = 4833. ug/g
19:47:03 Mon Jun 8, 2009
Sample mass (mg) = 10.
1. NPOC = 3.711 ug/g
19:48:55 Mon Jun 8, 2009

TOC Solids Prep Log

DATE: 6/5/2009

ANALYST: BL / CDE / KE 18:40

acid purging to remove IC and drying at 70°C for TOC analysis

General notes regarding prep method and samples (identify the acid used)

make no entry to shaded cells, they are calculated

Sample ID		IC Test	Gravimetric Data (grams)			%	*Sample description & notes*
ARI #	Client	+ / -	Tare Wt.	Wet wt.	70°C dry wt	Solids	*(homogeneity and exclusions)*
Blank			13.0521		13.0522	0.1 mg	
PB35 A1		-	13.0279	18.2767	16.3007	62.35%	
PB35 C1		-	13.1896	18.6140	16.2211	55.89%	
PB35 E1		-	13.0545	18.1079	16.0284	58.85%	
PB35 G1		-	13.0233	18.2617	17.3468	82.53%	
PB35 I 1		-	13.1138	18.1695	16.5593	68.15%	
PB35 J 1		-	13.0410	18.0154	16.1739	62.98%	
PB35 K1		-	13.1029	18.3897	16.6573	67.23%	
PB35 K1 DUP		-	13.0537	18.2124	16.5391	67.56%	
PB35 K1 TRIP		-	13.0854	18.4435	16.6985	67.43%	
PB35 M1		-	13.0567	18.2898	16.4974	65.75%	
PB35 O1		-	13.0590	18.1100	16.6002	70.11%	
PB35 Q1		-	13.0957	18.7051	16.5587	61.74%	
Blank			13.0992		13.0990	-0.2 mg	
PB44 A2		-	13.0452	19.0225	17.8811	80.90%	
PB44 B2		-	13.0639	18.6154	17.3165	76.60%	
PB44 C2		-	13.1130	19.0289	17.5202	74.50%	
PB44 D2		-	13.0881	17.9839	17.0726	81.39%	
PB44 E2		-	13.1151	18.1259	15.8838	55.25%	
PB44 G2		-	13.1047	17.2895	17.1533	96.75%	
PB44 H2		+-	13.1507	18.1868	16.4407	65.33%	
PB44 J 2		-	13.1296	19.5164	17.9146	74.92%	
PB44 K2		-	13.0789	16.5378	14.9564	54.28%	
PB44 K2 DUP		-	13.0339	17.1599	15.2487	53.68%	
PB44 K2 TRIP		-	13.0699	16.7822	15.0826	54.22%	
PB44 L2		-	13.0702	17.5222	15.8659	62.80%	
PB44 M2		-	13.0654	18.4952	15.7030	48.58%	
PB44 N2		-	13.0927	18.6870	16.0914	53.60%	
PB44 O2		-	13.0609	18.0678	15.8143	54.99%	

W
6-9-09

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/8/2009 19:47

ANALYST: CDE/BL

Batch drying time	*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm	*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/8/2009 19:47 time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/9/2009 9:35 time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs = 13.8	**ZnOAc Preserved**	*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID		CV-02	CV-02	CV-02					CV-02	CV-02						
Date & Time		6/8/09 18:49	6/8/09 12:38	6/9/09 9:57												
Cal Wt (g)	10.0000	10.0001	10.0001	10.0000												
record weights to 4 places		*Cal OK!*	*Cal OK!*	*Cal OK!*												

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank		0.0000	1.1191	1.1192			0.00							
PB35 B1		6.3699	1.0899	4.3449			3.26	61.6%						
PB35 B1 dup		7.1727	1.1096	4.9241			3.81	62.9%						
							RPD =	2.03%				RPD =	NA	
PB35 B1 trp		6.9623	1.1058	4.5899			3.48	59.5%						
							RSD =	2.82%				RSD =	NA	
PB35 D1		6.9268	1.1227	4.4577			3.34	57.5%						
PB35 F1		6.1791	1.1096	3.7125			2.60	51.3%						
PB35 H1		6.3896	1.1010	5.4069			4.31	81.4%						
PB35 I1		6.6017	1.1009	4.1566			3.06	55.6%						
PB35 J1		7.0017	1.0766	4.3340			3.26	55.0%						
PB35 L1		7.0790	1.0796	4.9503			3.87	64.5%						
PB35 N1		7.3227	1.1040	4.8738			3.77	60.6%						
PB35 P1		6.6394	1.1136	4.5115			3.40	61.5%						
PB35 R1		6.9418	1.0969	4.6551			3.56	60.9%						
Blank		0.0000	1.0868	1.0867			0.00							
PB44 A1		6.7810	1.1358	5.6311			4.50	79.6%						
PB44 A1 dup		7.8997	1.0849	6.3374			5.25	77.1%						
							RPD =	3.26%				RPD =	NA	
PB44 A1 trp		6.8145	1.1284	5.6144			4.49	78.9%						
							RSD =	1.68%				RSD =	NA	
PB44 B1		7.2982	1.1343	5.7153			4.58	74.3%						
PB44 C1		5.7605	1.1042	4.4159			3.31	71.1%						
PB44 D1		6.1232	1.0982	5.1551			4.06	80.7%						

PG35 : 04037

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/8/2009 19:47

ANALYST: CDE/BL

Batch drying time	*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm	*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/8/2009 19:47 time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/9/2009 9:35 time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs = 13.8	**ZnOAc Preserved**	*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID		CV-02	CV-02	CV-02					CV-02	CV-02					
Date & Time		6/8/09 18:49	6/8/09 12:38	6/9/09 9:57											
Cal Wt (g)	10.0000	10.0001	10.0001	10.0000											
record weights to 4 places		*Cal OK!*	*Cal OK!*	*Cal OK!*											

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
PB44 E1		6.4586	1.0765	3.9650			2.89	53.7%						
PB44 F1		6.5750	1.0803	4.2920			3.21	58.5%						
PB44 G1		5.8066	1.0921	4.8236			3.73	79.1%						
PB44 H1		5.8335	1.0877	4.9994			3.91	82.4%						
PB44 I1		6.9407	1.0777	5.5950			4.52	77.0%						
PB44 J1		6.2119	1.0851	4.6484			3.56	69.5%						
PB44 K1		6.2310	1.1032	3.6178			2.51	49.0%						
PB44 L1		6.8335	1.1270	3.9756			2.85	49.9%						
PB44 M1		6.4719	1.0948	3.4486			2.35	43.8%						
PB44 N1		6.7497	1.0650	4.2688			3.20	56.4%						
PB44 O1		6.4473	1.0938	3.6539			2.56	47.8%						
Blank		0.0000	1.0811	1.0812			0.00							
PB63 A1		5.5134	1.1204	3.6281			2.51	57.1%						
PB63 A1 dup		6.9128	1.0764	4.6018			3.53	60.4%						
						RPD =		5.65%				RPD =		NA
PB63 A1 trp		5.1284	1.0991	3.3467			2.25	55.8%						
						RSD =		4.13%				RSD =		NA
PB63 B1		5.2432	1.0841	2.6794			1.60	38.4%						
PB63 C1		6.1975	1.0880	3.5452			2.46	48.1%						
PB63 D1		5.7536	1.1254	4.9815			3.86	83.3%						
PB63 E1		6.7448	1.0963	5.1616			4.07	72.0%						
PB63 F1		5.7172	1.1062	3.9183			2.81	61.0%						
PB63 G1		6.7400	1.0949	5.9141			4.82	85.4%						
PB63 H1		6.4865	1.0976	3.8639			2.77	51.3%						

PB35:01636

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/8/2009 19:47

ANALYST: CDE/BL

Batch drying time	*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm	*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/8/2009 19:47 time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/9/2009 9:35 time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs = 13.8	**ZnOAc Preserved**	*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID		CV-02	CV-02	CV-02					CV-02	CV-02				
Date & Time		6/8/09 18:49	6/8/09 12:38	6/9/09 9:57										
Cal Wt (g)	10.0000	10.0001	10.0001	10.0000										
record weights to 4 places		*Cal OK!*	*Cal OK!*	*Cal OK!*										
SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	(%)
PB63 I1		6.3761	1.0762	4.1812			3.11	58.6%						

PB63 : 61933

6/8/9 cdc Sample weights of lines 44→58 shift down one space.

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/8/9 19:47

ANALYST: cdc

Batch drying time

record times as mm/dd/yy hh:mm

6/8/9 cdc	time in oven	19:47
6/9/9 cdc	time out	9:35
elapsed hrs =	0.0	< 12 hr

TS (%) calculated as:

Final dry wt (g) = (Dry Wt - Tare Wt)

TS = (Final Dry Wt)/ (grams Sample-Tare)

ZnOAc Preserved

TVS (mg/kg dry wt) calculated as:

Final ash wt (g) = (min ash wt - tare wt)

*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*

if ash wt > dry wt, "Chk for Err"

*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID	CV-02	CV-02	CV-02			CV-02	CV-02	
Date & Time	6/8/9 cdc	6/5/9 cdc	6/9/9 cdc					
Cal Wt (g) 10.0000	10.0001	10.0001	10.0000					
record weights to 4 places	18:49	12:38	9:57					

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank	31	0	1.1191	1.1192										
PB35 B'	32	6.3699	1.0899	4.3449										
DP B'	33	7.1727	1.1096	4.9241										
TP B'	34	6.9623	1.1058	4.5899										
D'	35	6.9268	1.1227	4.4577										
F'	36	6.1791	1.1096	3.7125										
H'	37	6.3896	1.1010	5.4069										
I'	38	6.6017	1.1009	4.1564										
J'	39	7.0017	1.0766	4.3340										
L'	40	7.0790	1.0796	4.9503										
N'	41	7.3227	1.1040	4.8738										
P'	42	6.6394	1.1136	4.5115										
R'	43	6.9918	1.0969	4.6551										
Blank	44	6.7810	1.0868	1.0867										
PB44 A'	45	7.8997	1.1353	5.6311										
DP A'	46	6.8145	1.0849	6.3374										
TP A'	47	7.2982	1.1284	5.6144										
B'	48	5.7605	1.1343	5.7153										
C'	49	6.1232	1.1042	4.4159										
D'	50	6.4586	1.0982	5.1551										
E'	51	6.5750	1.0765	3.9650										
F'	52	5.8066	1.0803	4.2920										
G'	53	5.8335	1.0921	4.8236										
H'	54	6.9407	1.0877	4.9994										

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE:

ANALYST: Court

Batch drying time
record times as mm/dd/yy hh:mm
time in oven
time out
elapsed hrs = 0.0 < 12 hr

TS (%) calculated as:
Final dry wt (g) = (Dry Wt - Tare Wt)
TS = (Final Dry Wt)/ (grams Sample-Tare)

ZnOAc Preserved

TVS (mg/kg dry wt) calculated as:
Final ash wt (g) = (min ash wt - tare wt)
*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
if ash wt > dry wt, "Chk for Err"
*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID	CV-02	CV-02	CV-02						CV-02	CV-02				
Date & Time														
Cal Wt (g) 10.0000		CWA												
record weights to 4 places														

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank PB44 I'	55	6.2119	1.0777	5.5950										
J'	56	6.2310	1.0851	4.6484										
K'	57	6.8335	1.1032	3.6178										
L'	58	6.4719	1.1270	3.9756										
M'	59	~~6.4496~~	1.0948	3.4486										
N'	60	6.7497	1.0650	4.2688										
O'	61	6.4473	1.0938	3.6539										
Blank	62	0	1.0811	1.0912										
PB63 A'	63	5.5134	1.1204	3.6281										
DP A'	64	6.9128	1.0764	4.6018										
TP A'	65	5.1284	~~1.0840~~	1.0991	3.3467	6/9/09								
B'	66	5.2432	1.0841	~~3.3467~~	2.6 TPH									
C'	67	6.1975	1.0880	~~3.5452~~										
D'	68	5.7536	1.1254	4.9815										
E'	69	6.7448	1.0963	5.1616										
F'	70	5.7172	1.1062	3.9183										
G'	71	6.7400	1.0949	5.9141										
H'	72	6.4865	1.0976	3.8639										
I'	73	6.3761	1.0762	4.1812										
				6/8/09		CWA								

06/8/9 CWA

Original Run Filename: OM_6-9-2009_12-42-50PM.OMN created 6/9/2009 12:42:50 PM
Original Run Author's Signature: UW
Current Run Filename: 060909NH3A.omn last modified 6/9/2009 3:06:21 PM
Description: LACHAT 1
Standards made from ARI Stock#:0091-10

Sample	Cup No.	Channel 1 NH3 Conc. (mg N/L)	Channel 1 NH3 Area (Vs)	Detection Time	MANUAL DILUTION FACTOR	
STD 1.0	S1	1	33.4575	6/9/2009@12:43:53 PM		
STD 0.8	S2	0.8	26.9851	6/9/2009@12:45:04 PM		
STD 0.5	S3	0.5	16.7847	6/9/2009@12:46:15 PM		
STD 0.2	S4	0.2	6.7740	6/9/2009@12:47:25 PM		
STD 0.05	S5	0.05	1.9531	6/9/2009@12:48:36 PM		
STD 0.02	S6	0.02	0.6798	6/9/2009@12:49:47 PM		
STD 0.01	S7	0.01	0.4335	6/9/2009@12:50:58 PM		
BLANK	S8	0	0.3116	6/9/2009@12:52:09 PM		
ICV ERA 04088	9	0.5122	17.2509	6/9/2009@12:53:20 PM		% R = 102.44
Known Conc:		0.5				
Calibration:		Table/Fig. 1				
ICB	10	0.0079	0.4250	6/9/2009@12:59:17 PM		
Known Conc:		0				
LOW	11	0.0124	0.5765	6/9/2009@1:05:15 PM		% R = 124
Known Conc:		0.01				
PREP BLK A	12	-0.0061	-0.0394	6/9/2009@1:11:12 PM		
PREP CHK A	13	10.1488	17.0926	6/9/2009@1:12:23 PM	20.0000	% R = 101.49 0.4 ml * 1000 ppm / 40 ml
PB35 A1	14	0.2923	9.9165	6/9/2009@1:13:33 PM		
PB35 A1 DUP	15	0.3364	11.3875	6/9/2009@1:14:44 PM		
PB35 A1 TRP	16	0.327	11.0731	6/9/2009@1:15:56 PM		

PB35 A1 MS	19	10.3202	17.3785	6/9/2009@1:17:07 PM	20.0000	% R = 100.28 0.4 ml * 1000 ppm / 40 ml
PB35 C1	20	0.4856	16.3653	6/9/2009@1:18:18 PM		
CCV	17	0.5166	17.3993	6/9/2009@1:19:29 PM		% R = 103.32
Known Conc:		0.5				
CCB	18	0.0031	0.2652	6/9/2009@1:25:26 PM		
Known Conc:		0				
PB35 E1	21	0.4813	16.2200	6/9/2009@1:31:24 PM		
PB35 G1	22	0.1193	4.1443	6/9/2009@1:32:36 PM		
PB35 I1	23	0.6787	22.8058	6/9/2009@1:33:47 PM		
PB35 J1	24	0.3935	13.2919	6/9/2009@1:34:59 PM		
PB35 K1	25	0.4054	13.6897	6/9/2009@1:36:09 PM		
PB35 M1	26	0.4571	15.4129	6/9/2009@1:37:21 PM		
PB35 O1	27	0.705	23.6854	6/9/2009@1:38:33 PM		
PB35 Q1	28	0.437	14.7425	6/9/2009@1:39:44 PM		
PB63 A2	29	0.1453	5.0101	6/9/2009@1:40:55 PM		
PB63 B2	30	0.4491	15.1458	6/9/2009@1:42:07 PM		
CCV	17	0.5145	17.3270	6/9/2009@1:43:19 PM		% R = 102.9
Known Conc:		0.5				
CCB	18	0.0071	0.3987	6/9/2009@1:49:16 PM		
Known Conc:		0				
PB63 C2	31	0.3781	12.7787	6/9/2009@1:55:14 PM		
PB63 D2	32	0.0681	2.4356	6/9/2009@1:56:27 PM		
PB63 E2	33	0.2897	9.8280	6/9/2009@1:57:38 PM		
PB63 F2	34	0.2785	9.4533	6/9/2009@1:58:49 PM		
PB63 G2	35	0.0464	1.7105	6/9/2009@2:00:00 PM		
~~PB63 H2~~	~~36~~	~~1.148~~	~~38.4640~~	6/9/2009@2:01:13 PM		

PB63 I2	37	0.1684	5.7806	6/9/2009@2:02:25 PM		
~~PREP BLK B~~	~~38~~	~~-0.0114~~	~~-0.2187~~	6/9/2009@2:03:37 PM		
PREP CHK B	39	10.3924	17.4990	6/9/2009@2:04:49 PM	20.0000	% R = 103.92 0.4 ml * 1000 ppm / 40 ml
PB44 A2	40	0.4023	13.5835	6/9/2009@2:06:00 PM		
CCV	17	0.5177	17.4346	6/9/2009@2:07:11 PM		% R = 103.54
Known Conc:		0.5				
CCB	18	0.0025	0.2463	6/9/2009@2:13:10 PM		
Known Conc:		0				
PB44 A2 DUP	41	0.4411	14.8800	6/9/2009@2:19:08 PM		
PB44 A2 TRP	42	0.4001	13.5108	6/9/2009@2:20:21 PM		
PB44 A2 MS	43	10.549	17.7603	6/9/2009@2:21:33 PM	20.0000	% R = 101.47 0.4 ml * 1000 ppm / 40 ml
PB63 H2	44	1.1769	19.7960	6/9/2009@2:22:45 PM	2.0000	
PREP BLK B	38	-0.0045	0.0129	6/9/2009@2:23:58 PM		
PB44 B2	45	0.5414	18.2269	6/9/2009@2:25:09 PM		
PB44 C2	46	0.5433	18.2897	6/9/2009@2:26:21 PM		
PB44 D2	47	0.039	1.4632	6/9/2009@2:27:34 PM		
PB44 E2	48	0.2827	9.5941	6/9/2009@2:28:46 PM		
PB44 F2	49	0.5052	17.0170	6/9/2009@2:29:59 PM		
CCV	17	0.5171	17.4144	6/9/2009@2:31:10 PM		% R = 103.42
Known Conc:		0.5				
CCB	18	0.0068	0.3906	6/9/2009@2:37:07 PM		
Known Conc:		0				
PB44 G2	50	0.0892	3.1389	6/9/2009@2:43:06 PM		
PB44 H2	51	0.0101	0.4991	6/9/2009@2:44:19 PM		
PB44 I2	52	0.0148	0.6562	6/9/2009@2:45:31 PM		
PB44 J2	53	0.2415	8.2214	6/9/2009@2:46:44 PM		

PB44 K2	54	0.1537	5.2900	6/9/2009@2:47:56 PM	
PB44 L2	55	0.3474	11.7547	6/9/2009@2:49:08 PM	
PB44 M2	56	0.5238	17.6393	6/9/2009@2:50:21 PM	
PB44 N2	57	0.3385	11.4566	6/9/2009@2:51:34 PM	
PB44 O2	58	0.3944	13.3220	6/9/2009@2:52:46 PM	
~~KCL~~	~~59~~	~~0.002~~	~~0.2305~~	6/9/2009@2:53:58 PM	
CCV	17	0.5123	17.2563	6/9/2009@2:55:10 PM	
Known Conc:		0.5			
CCB	18	0.0039	0.2921	6/9/2009@3:01:07 PM	
Known Conc:		0			

% R = 102.46

A

Soil Extraction Log

Parameter:

Date: 6-8-09

Analyst: W

Extraction Procedure: 4g sample in 40ml 2N KCl, shaken 1hr, centrifuged + filtered.

Time	Sample ID	Sample Wt (grams)	Extract Vol (mL)	Spikes and Standards: Vol added (mL)	Spikes and Standards: Conc of Std (mg/L)	Spikes and Standards: Conc in Extract (mg/L)	Notes & Comments
15:00	P-TLK	—	40				
"	P-CHK	—	"	0.4	1,000	10	ERA 04088
	PBJ5A1	4.11					
	A1 dup	4.10					
	A1 sp	4.10					
	A1 ms	4.29		0.4	1,000	10	ARI 0091-10
	C1	4.13					
	E1	4.18					
	G1	4.05					
	I1	4.15					
	J1	4.28					
	K1	4.22					
	M1	4.22					
	O1	4.17					
	Q1	4.10					
	PBJ6A2	4.17					
	B2	4.27					
	C2	4.01					
	D2	4.14					
	E2	4.21					
	F2	4.23					
	G2	4.28					
	H2	4.17					
	I2	4.19					

6-9-09

B

Soil Extraction Log

Parameter:

Date: 6-8-09

Analyst: W

Extraction Procedure: 4g in 40 ml 2N KCl, shaken 1 hr, centrifuged + filtered.

Time	Sample ID	Sample Wt (grams)	Extract Vol (mL)	Spikes and Standards: Vol added (mL)	Spikes and Standards: Conc of Std (mg/L)	Spikes and Standards: Conc in Extract (mg/L)	Notes & Comments
15:00	Prep Blk	—	40				
↓	Prep CHK	—	↓	0.4	1,000	10	ERA 04088
	PB44A2	4.01					
	A2 dup	4.42					
	A2 trip	4.04					
	A2 ms	4.26		0.4	1,000	10	ARI 0091-10
	B2	4.22					
	C2	4.29					
	D2	4.09					
	E2	4.22					
	F2	4.07					
	G2	4.24					
	H2	4.08					
	I2	4.08					
	J2	4.16					
	K2	4.28					
	L2	4.11					
	M2	4.03					
	N2	4.27					
↓	O2	4.09	↓				

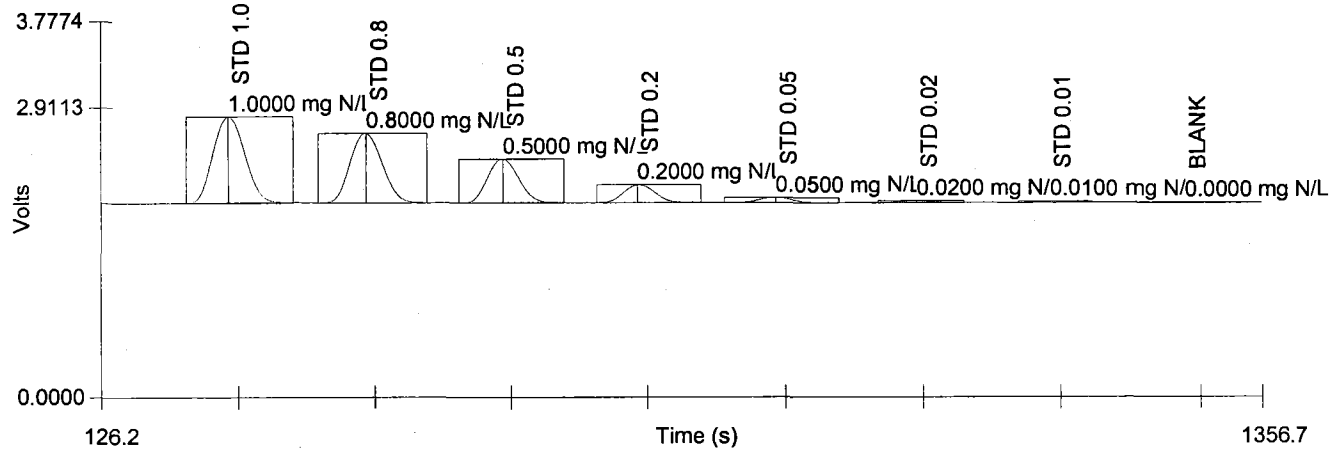
6-8-09

Original Run Filename: OM_6-9-2009_12-42-50PM.OMN created 6/9/2009 12:42:50 PM
Original Run Author's Signature: [Omnion User]
Current Run Filename: 060909NH3A.omn last modified 6/9/2009 3:06:21 PM
Current Run Author's Signature: [Omnion User]
Description: Default New Run

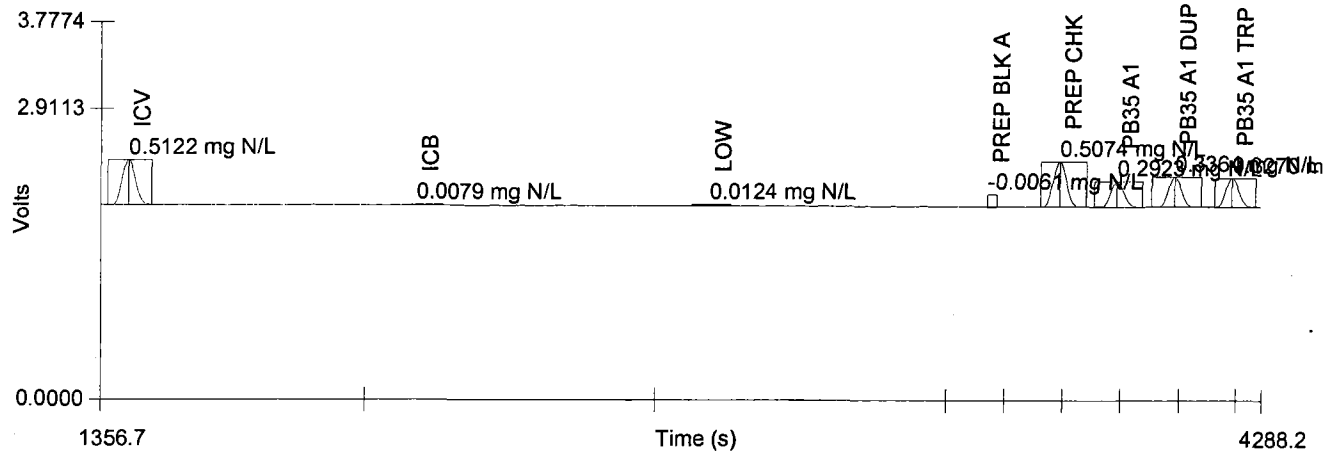
Sample	Cup No.	Channel 1 NH3 Conc. (mg N/L)	Channel 1 NH3 Area (Vs)	Detection Time	MDF
STD 1.0	S1	1.0000	33.4575	6/9/2009@12:43:53 PM	
STD 0.8	S2	0.8000	26.9851	6/9/2009@12:45:04 PM	
STD 0.5	S3	0.5000	16.7847	6/9/2009@12:46:15 PM	
STD 0.2	S4	0.2000	6.7740	6/9/2009@12:47:25 PM	
STD 0.05	S5	0.0500	1.9531	6/9/2009@12:48:36 PM	
STD 0.02	S6	0.0200	0.6798	6/9/2009@12:49:47 PM	
STD 0.01	S7	0.0100	0.4335	6/9/2009@12:50:58 PM	
BLANK	S8	0.0000	0.3116	6/9/2009@12:52:09 PM	
ICV	9	0.5122	17.2509	6/9/2009@12:53:20 PM	
Known Conc:		0.5000			
Calibration:		Table/Fig. 1			
ICB	10	0.0079	0.4250	6/9/2009@12:59:17 PM	
Known Conc:		0.0000			
LOW	11	0.0124	0.5765	6/9/2009@1:05:15 PM	
Known Conc:		0.0100			
PREP BLK A	12	-0.0061	-0.0394	6/9/2009@1:11:12 PM	
PREP CHK A	13	10.1488	17.0926	6/9/2009@1:12:23 PM	20.00
PB35 A1	14	0.2923	9.9165	6/9/2009@1:13:33 PM	
PB35 A1 DUP	15	0.3364	11.3875	6/9/2009@1:14:44 PM	
PB35 A1 TRP	16	0.3270	11.0731	6/9/2009@1:15:56 PM	
PB35 A1 MS	19	10.3202	17.3785	6/9/2009@1:17:07 PM	20.00
PB35 C1	20	0.4856	16.3653	6/9/2009@1:18:18 PM	
CCV	17	0.5166	17.3993	6/9/2009@1:19:29 PM	
Known Conc:		0.5000			
CCB	18	0.0031	0.2652	6/9/2009@1:25:26 PM	
Known Conc:		0.0000			
PB35 E1	21	0.4813	16.2200	6/9/2009@1:31:24 PM	
PB35 G1	22	0.1193	4.1443	6/9/2009@1:32:36 PM	
PB35 I1	23	0.6787	22.8058	6/9/2009@1:33:47 PM	
PB35 J1	24	0.3935	13.2919	6/9/2009@1:34:59 PM	
PB35 K1	25	0.4054	13.6897	6/9/2009@1:36:09 PM	
PB35 M1	26	0.4571	15.4129	6/9/2009@1:37:21 PM	
PB35 O1	27	0.7050	23.6854	6/9/2009@1:38:33 PM	
PB35 Q1	28	0.4370	14.7425	6/9/2009@1:39:44 PM	
PB63 A2	29	0.1453	5.0101	6/9/2009@1:40:55 PM	
PB63 B2	30	0.4491	15.1458	6/9/2009@1:42:07 PM	
CCV	17	0.5145	17.3270	6/9/2009@1:43:19 PM	
Known Conc:		0.5000			
CCB	18	0.0071	0.3987	6/9/2009@1:49:16 PM	
Known Conc:		0.0000			
PB63 C2	31	0.3781	12.7787	6/9/2009@1:55:14 PM	
PB63 D2	32	0.0681	2.4356	6/9/2009@1:56:27 PM	
PB63 E2	33	0.2897	9.8280	6/9/2009@1:57:38 PM	
PB63 F2	34	0.2785	9.4533	6/9/2009@1:58:49 PM	
PB63 G2	35	0.0464	1.7105	6/9/2009@2:00:00 PM	
PB63 H2	36	1.1480	38.4640	6/9/2009@2:01:13 PM	
PB63 I2	37	0.1684	5.7806	6/9/2009@2:02:25 PM	
PREP BLK B	38	-0.0114	-0.2187	6/9/2009@2:03:37 PM	
PREP CHK B	39	10.3924	17.4990	6/9/2009@2:04:49 PM	20.00
PB44 A2	40	0.4023	13.5835	6/9/2009@2:06:00 PM	
CCV	17	0.5177	17.4346	6/9/2009@2:07:11 PM	
Known Conc:		0.5000			
CCB	18	0.0025	0.2463	6/9/2009@2:13:10 PM	
Known Conc:		0.0000			
PB44 A2 DUP	41	0.4411	14.8800	6/9/2009@2:19:08 PM	
PB44 A2 TRP	42	0.4001	13.5108	6/9/2009@2:20:21 PM	
PB44 A2 MS	43	10.5490	17.7603	6/9/2009@2:21:33 PM	20.00
PB63 H2	44	1.1769	19.7960	6/9/2009@2:22:45 PM	2.00

PREP BLK B	38	-0.0045	0.0129	6/9/2009@2:23:58 PM	
PB44 B2	45	0.5414	18.2269	6/9/2009@2:25:09 PM	
PB44 C2	46	0.5433	18.2897	6/9/2009@2:26:21 PM	
PB44 D2	47	0.0390	1.4632	6/9/2009@2:27:34 PM	
PB44 E2	48	0.2827	9.5941	6/9/2009@2:28:46 PM	
PB44 F2	49	0.5052	17.0170	6/9/2009@2:29:59 PM	
CCV	17	0.5171	17.4144	6/9/2009@2:31:10 PM	
Known Conc:		0.5000			
CCB	18	0.0068	0.3906	6/9/2009@2:37:07 PM	
Known Conc:		0.0000			
PB44 G2	50	0.0892	3.1389	6/9/2009@2:43:06 PM	
PB44 H2	51	0.0101	0.4991	6/9/2009@2:44:19 PM	
PB44 I2	52	0.0148	0.6562	6/9/2009@2:45:31 PM	
PB44 J2	53	0.2415	8.2214	6/9/2009@2:46:44 PM	
PB44 K2	54	0.1537	5.2900	6/9/2009@2:47:56 PM	
PB44 L2	55	0.3474	11.7547	6/9/2009@2:49:08 PM	
PB44 M2	56	0.5238	17.6393	6/9/2009@2:50:21 PM	
PB44 N2	57	0.3385	11.4566	6/9/2009@2:51:34 PM	
PB44 O2	58	0.3944	13.3220	6/9/2009@2:52:46 PM	
KCL	59	0.0020	0.2305	6/9/2009@2:53:58 PM	
CCV	17	0.5123	17.2563	6/9/2009@2:55:10 PM	
Known Conc:		0.5000			
CCB	18	0.0039	0.2921	6/9/2009@3:01:07 PM	
Known Conc:		0.0000			

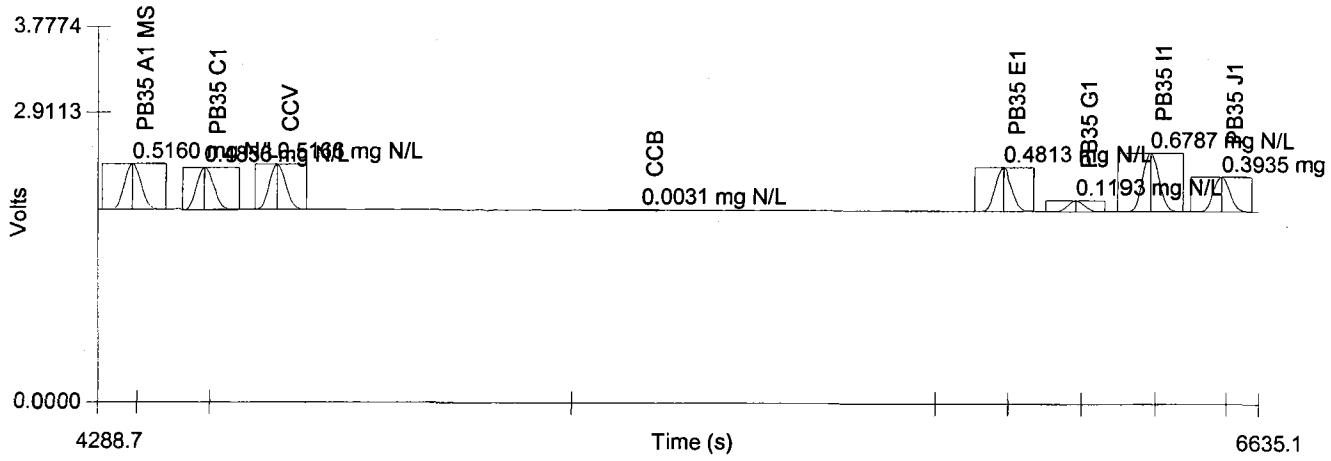
Channel 1: Set 1 of 9



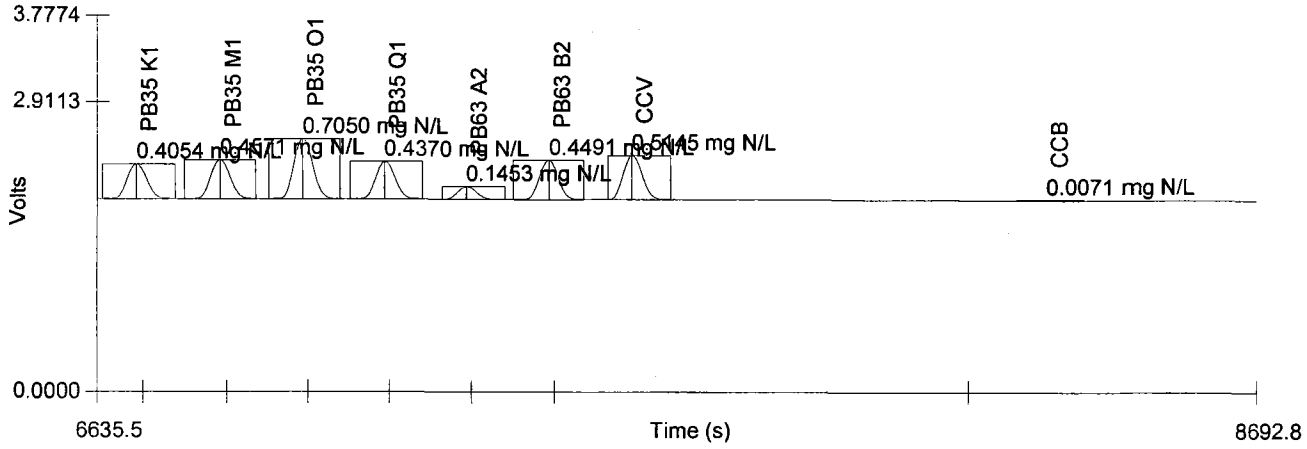
Channel 1: Set 2 of 9



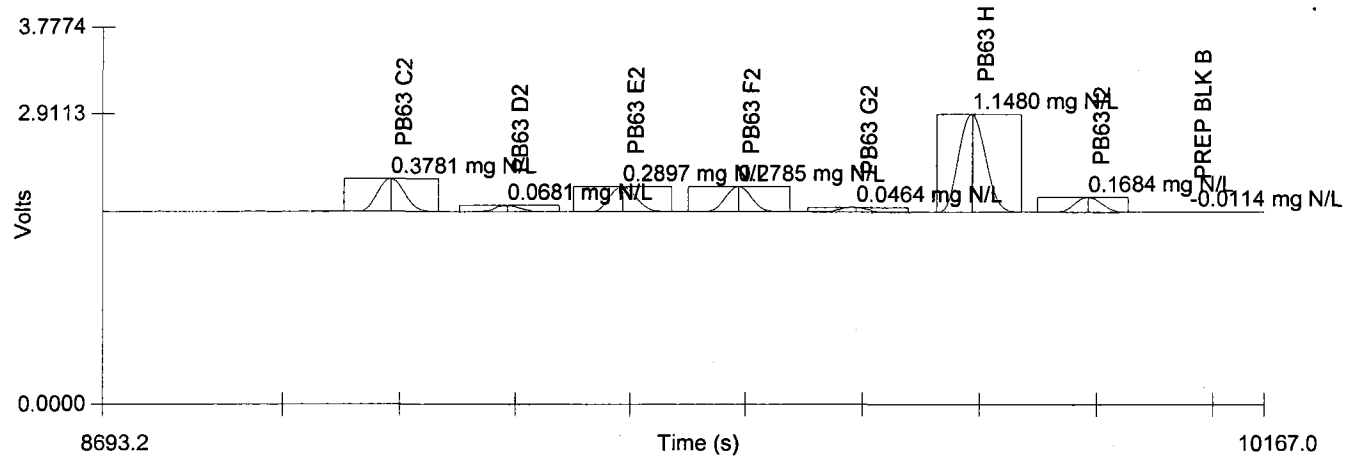
Channel 1: Set 3 of 9



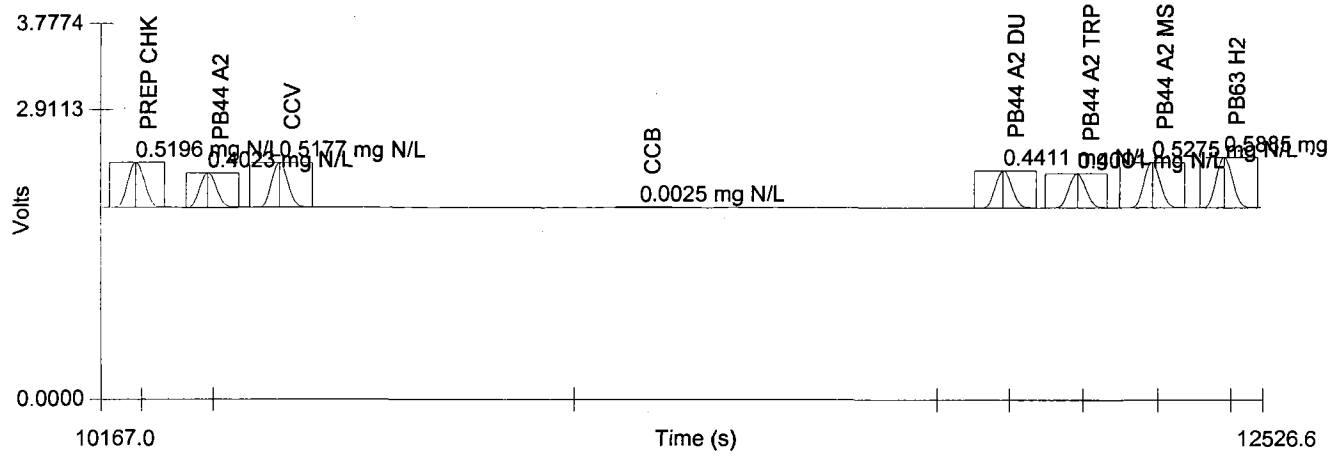
Channel 1: Set 4 of 9



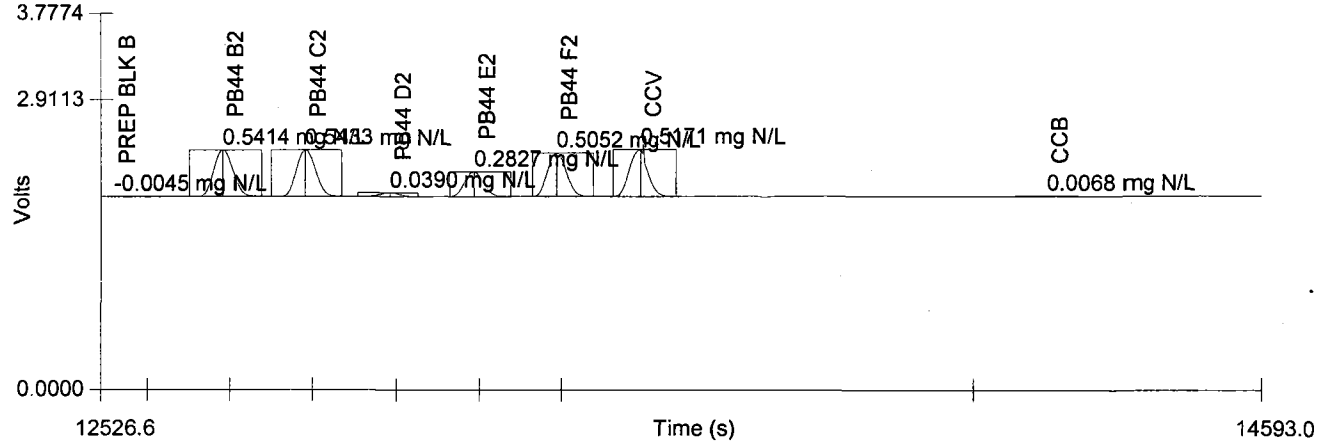
Channel 1: Set 5 of 9



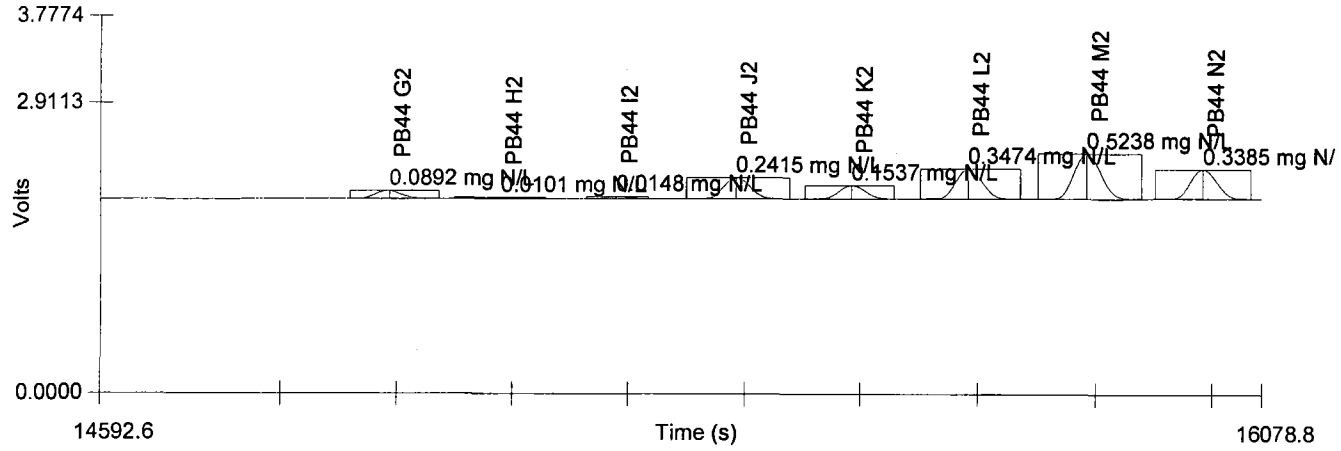
Channel 1: Set 6 of 9



Channel 1: Set 7 of 9



Channel 1: Set 8 of 9



Channel 1: Set 9 of 9

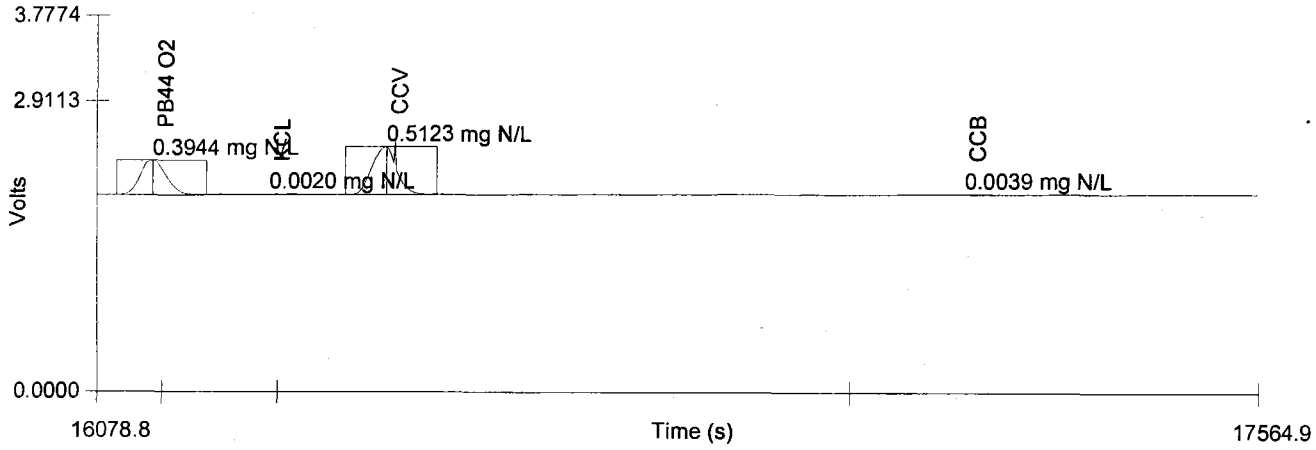
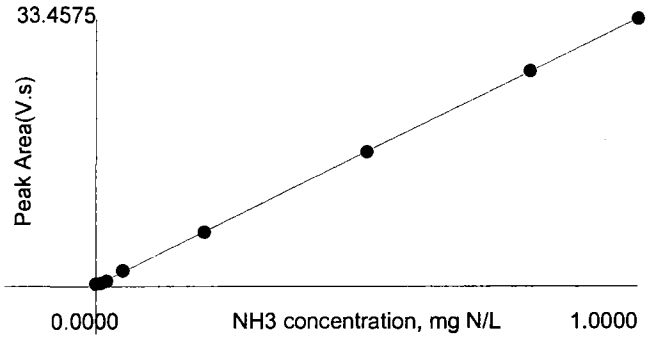


Table 1: NH3

	Conc. (mg N/L)	Rep	Peak Area (Volt-s)	Peak Height (Volts)	% Residual	Detection Date	Detection Time
1	1.0000	1	33.4575	0.8633	0.2	6/9/2009	12:43:53 PM
2	0.8000	1	26.9851	0.6955	-0.5	6/9/2009	12:45:04 PM
3	0.5000	1	16.7847	0.4394	0.4	6/9/2009	12:46:15 PM
4	0.2000	1	6.7740	0.1795	0.9	6/9/2009	12:47:25 PM
5	0.0500	1	1.9531	0.0507	-6.6	6/9/2009	12:48:36 PM
6	0.0200	1	0.6798	0.0193	18.2	6/9/2009	12:49:47 PM
7	0.0100	1	0.4335	0.0132	12.8	6/9/2009	12:50:58 PM
8	0.0000	1	0.3116	0.0057		6/9/2009	12:52:09 PM

Figure 1: NH3



Area = 33.3608 * Conc + 0.1635
Conc = 0.0300 * Area - 0.0049
Correlation Coefficient (r) = 0.99996

No Weighting

W
6-9-0

SULFIDE BENCHSHEET (Spectrophotometric, EPA 376.2)
Soils, sediments and solid phase samples

	Date Time	Analyst
Distillation	6/8/09 10:20	AF
Finish	6/9/09 13:15	AF

If distilled, specify Procedure: **PSEP**

1. Standardization of sodium thiosulfate titrant

Buret used for titrations:

Thiosulfate ID: **6925C**
Bi-iodate ID: **0086-10**
Stock bi-iodate = **0.8125** *grams to* 1000 *mL*
Normality = **0.025**

Titration of bi-iodate with thiosulfate

mL bi-iodate =	3.000	3.000	3.000	
mL thiosulfate =	3.05	3.05	3.05	*nthio*
*Normality thiosulfate = (mL bi-iodate*normbio) / mL thiosulfate =*	0.025	0.025	0.025	**0.025**

2. Normality of Iodine

Iodine ID: **6886C**

Titration of Iodine with thiosulfate

mL iodine =	3.000	3.000	3.000	
mL thiosulfate =	3.000	2.900	2.900	*ni*
*Normality iodine = (mL thiosulfate*nthio) / mL iodine=*	0.025	0.024	0.024	**0.024**

3. Standardization of Sodium Sulfide Stock

Stock ID = **0094-03**
Approx conc in 100ml
g Na2S = 0.5007 *mg /mL =* 0.668

Titration of standard with thiosulfate

mL Standard =	1.00	1.00	1.00	
mL iodine =	3.00	3.00	3.00	
mL thiosulfate =	1.45	1.45	1.45	*stkconc (mg/mL)*
*Sulfide (mg/mL) = {[(mL iodine*ni)-(mL thio *nthio)]*16} / mL standard =*	0.584	0.584	0.584	**0.584**

Intermediate Standard
Add 10.7 *mL stk to* 250 *mL 0.01M NaOH =* **0.025** ***mg/mL***

4. Calibration Standard Curve

spectrophotometer used:

Inter Std Volume (mL)	Final Volume (mL)	Calc Conc (mg S/L)	Absorbance @650 nm 1	Absorbance @650 nm 2	AVG ABS	mg/L
0.00	50	0.000	0.000		0.000	*0.001*
0.10	50	0.050	0.029		0.029	*0.048*
0.25	50	0.125	0.083		0.083	*0.136*
0.50	50	0.250	0.147		0.147	*0.239*
1.00	50	0.500	0.307		0.307	*0.499*
2.00	50	0.999	0.617		0.617	*1.001*

RegressionData

intercept = -0.001
slope = 0.617
r = 0.9998

Comment: Calibration OK!

maxabs = 0.617

Calib Verif Std =	1	*ml int to*	50	*ml ZnOAc=*	0.500	*mg/l*
Distillation Std =	1	*ml stk to*	100	=	5.84	*mg/l*

SAMPLE DATA

enter dilution as mL final/mL sample

SAMPLE ID	Distillation Data: SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Spectrophotometric Data: Dilution Factor	Abs @ 650 nm: Sample	Bkg	regressed Conc (mg S/L)	SAMPLE DATA: CORR CONC (ppm)	
ICB		na	na	1	0.000		0.001	< 0.05	*OK*
ICV		na	na	1	0.308		0.500	0.500	*100%*
Distilled samples									
Dist Blk 1	100	100%	100	1	0.000		0.001	< 0.05	*OK*
Dist Chk 1	100	100%	100	10	0.364		0.591	5.911	*101%*
Soil Samples	**(grams)**	**% Solids**	**(mL)**		**Sample**	**Bkg**	**(mg/L)**	**mg/kg**	
~~PB35 B1~~	~~4.772~~	~~61.6%~~	~~100~~	~~1~~	~~0.869~~		~~1.410~~	~~47.956~~	~~offscale~~
~~PB35 B1 dup~~	~~4.899~~	~~61.6%~~	~~100~~	~~1~~	~~0.719~~		~~1.167~~	~~38.656~~	~~offscale~~
~~PB35 B1 ms~~	~~4.729~~	~~61.6%~~	~~100~~	~~20~~	~~0.196~~		~~0.319~~	~~218.817~~	~~85.27%~~
		~~*Spike at*~~	~~*1.00*~~	~~*ml stock to*~~	~~*2.013*~~	~~*g dry wt =*~~		~~*200.372*~~	~~*mg/kg*~~
PB35 D1	5.098	57.5%	100	5	0.176		0.286	48.833	
PB35 F1	4.874	51.3%	100	1	0.119		0.194	7.754	
PB35 H1	4.766	81.4%	100	50	0.235		0.382	492.246	
PB35 I1	4.927	55.6%	100	20	0.211		0.343	250.441	
PB35 J1	4.551	55.0%	100	50	0.142		0.231	461.787	
Cal Blk		na	na	1	-0.010		-0.015	< 0.05	*OK*
CCV		na	na	1	0.297		0.482	0.482	*97%*
PB35 L1	4.698	64.5%	100	1	0.250		0.406	13.407	
PB35 N1	4.949	60.6%	100	1	0.388		0.630	21.005	
PB35 P1	4.727	61.5%	100	5	0.265		0.431	74.055	

SAMPLE DATA

enter dilution as mL final/mL sample

	Distillation Data			Spectrophotometric Data				SAMPLE DATA	
SAMPLE ID	SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Dilution Factor	Abs @ 650 nm Sample	Bkg	regressed Conc (mg S/L)	CORR CONC (ppm)	
PB35 R1	4.694	60.9%	100	20	0.152		0.247	173.079	
Dist Blk 2	100	100%	100	1	-0.002		-0.002	< 0.05	*OK*
Dist Chk 2	100	100%	100	10	0.327		0.531	5.311	*91%*
PB44 A1	4.359	79.6%	100	1	0.000		0.001	< 1.44	
PB44 A1 dup	4.490	79.6%	100	1	-0.002		-0.002	< 1.398	*NA*
PB44 A1 ms	4.605	79.6%	100	20	0.166		0.270	147.361	*92.54%*
		Spike at	*1.00*	*ml stock to*	*3.666*	*g dry wt =*		*159.237*	*mg/kg*
PB44 B1	4.639	74.3%	100	1	0.030		0.050	< 1.45	
Cal Blk		na	na	1	0.000		0.001	< 0.05	*OK*
CCV		na	na	1	0.278		0.452	0.452	*90%*
PB44 C1	4.544	71.1%	100	5	0.170		0.277	42.802	
PB44 D1	4.823	80.7%	100	1	0.081		0.132	3.399	
PB44 E1	4.936	53.7%	100	5	0.193		0.314	59.203	
PB44 F1	4.485	58.5%	100	5	0.218		0.354	67.533	
PB44 G1	4.937	79.1%	100	1	-0.004		-0.006	< 1.279	
PB44 H1	5.452	82.4%	100	1	-0.009		-0.014	< 1.112	
PB44 I1	4.793	77.0%	100	1	-0.008		-0.012	< 1.354	
PB44 J1	4.492	69.5%	100	1	0.561		0.910	29.162	
PB44 K1	4.448	49.0%	100	5	0.220		0.358	82.041	
PB44 L1	5.215	49.9%	100	5	0.166		0.270	51.893	
Cal Blk		na	na	1	0.000		0.001	< 0.05	*OK*
CCV		na	na	1	0.289		0.469	0.469	*94%*
PB44 M1	5.269	43.8%	100	20	0.230		0.374	323.968	
PB44 N1	4.646	56.4%	100	20	0.130		0.212	161.599	
PB44 O1	4.306	47.8%	100	20	0.208		0.338	328.593	
PB35 B1	4.772	61.6%	100	5	0.196		0.319	54.211	
PB35 B1 dup	4.899	61.6%	100	5	0.171		0.278	46.091	*RPD=16.19%*
PB35 B1 ms	4.729	61.6%	100	20	0.221		0.359	246.641	*96.04%*
		Spike at	*1.00*	*ml stock to*	*2.913*	*g dry wt =*		*200.372*	*mg/kg*
Cal Blk		na	na	1	0.000		0.001	< 0.05	*OK*
CCV		na	na	1	0.284		0.461	0.461	*92%*

SULFIDE BENCHSHEET (Spectrophotometric, EPA 376.2)
Soils, sediments and solid phase samples

	Date Time	Analyst
Distillation	6-08-09 10:20	af
Finish	6-09-09 13:15	af

If distilled, specify Procedure: PSEP

1. Standardization of sodium thiosulfate titrant

Buret used for titrations: _____

Thiosulfate ID: 6925C
Bi-iodate ID: 0086-10
Stock bi-iodate = 0.8175 *grams to* 1000 *mL*
Normality =

Titration of bi-iodate with thiosulfate

mL bi-iodate =	3.00 ~~2.000~~	3.00 ~~2.000~~	3.00 ~~2.000~~	
mL thiosulfate =	3.05	3.05	3.05	*nthio*
*Normality thiosulfate = (mL bi-iodate*normbio) / mL thiosulfate =*				

2. Normality of Iodine

Iodine ID: 6886C

Titration of Iodine with thiosulfate

mL iodine =	3.000	3.000	3.000	
mL thiosulfate =	3.00	2.90	2.90	*ni*
*Normality iodine = (mL thiosulfate*nthio) / mL iodine=*				

3. Standardization of Sodium Sulfide Stock

Stock ID = 0094-03
Approx conc in 100ml
g Na2S = 0.5007 *mg /mL =*

Titration of standard with thiosulfate

mL Standard =	1.00	1.00	1.00	
mL iodine =	3.00	3.00	3.00	
mL thiosulfate =	1.45	1.45	1.45	*stkconc (mg/mL)*
*Sulfide (mg/mL) = {[(mL iodine*ni)-(mL thio *nthio)]*16} / mL standard =*				

Intermediate Standard

Add 10.7 *mL stk to* 250 *mL 0.01M NaOH =* _____ ***mg/mL***

4. Calibration Standard Curve

spectrophotometer used:

Inter Std Volume (mL)	Final Volume (mL)	Calc Conc (mg S/L)	Absorbance @650 nm 1	Absorbance @650 nm 2	AVG ABS	mg/L
0.00	50		0.000			
0.10	50		0.029			
0.25	50		0.083			
0.50	50		0.147			
1.00	50		0.307			
2.00	50		0.617			
Calib Verif Std =	0.5	*ml int to*	50	*ml ZnOAc=*		*mg/l*
Distillation Std =	1	*ml stk to*	100	=		*mg/l*

RegressionData

intercept =
slope =
r =
Comment:
maxabs =

SAMPLE DATA

enter dilution as mL final/mL sample

SAMPLE ID	Distillation Data: SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Spectrophotometric Data: Dilution Factor	Abs @ 650 nm: Sample	Bkg	regressed Conc (mg S/L)	SAMPLE DATA: CORR CONC (ppm)	
ICB		na	na	1.00	0.000				
ICV		na	na	1.00	0.308				
Distilled samples									
Dist Blk 1	100.0	100%	100	1.00	0.000				
Dist Chk 1	100.0	100%	100	10 ~~1.00~~	0.364				
Soil Samples	(grams)	% Solids	(mL)		Sample	Bkg	(mg/L)	mg/kg	
PB35 B1	4.772	61.6	100	1.00	0.869				
dup B1	4.899	↓	100	1.00	0.719				
spk B1	4.729	↓	100	20 ~~1.00~~	0.196				
d1	5.098	57.5	100	5 1.00	0.176				
F1	4.874	51.3	100	1.00	0.119				
H1	4.766	81.4	100	50 ~~1.00~~	0.235				
I1	4.927	55.6	100	20 ~~1.00~~	0.211				
↓ J1	4.551	55.0	100	50 ~~1.00~~	0.142				
Cal Blk		na	na	1.00	-0.010				
CCV		na	na	1.00	0.297				
L1	4.698	64.5	100	1.00	0.250				
N1	4.949	60.6	100	1.00	0.388				
P1	4.727	61.5	100	5 ~~1.00~~	0.765				
↓ R1	4.694	60.9	100	20 ~~1.00~~	0.157				

SAMPLE DATA

enter dilution as mL final/mL sample

	Distillation Data			Spectrophotometric Data				SAMPLE DATA	
SAMPLE ID	SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Dilution Factor	Abs @ 650 nm Sample	Bkg	regressed Conc (mg S/L)	CORR CONC (ppm)	
Blank 2	100	100	100	1.00	-0.002				
LCS 2	100	100	100	10 ~~1.00~~	0.327				
PB44 A1	4.359	79.6	100	1.00	0.000				
dup A1	4.490	↓	100	1.00	-0.002				
spk A1	4.605	↓	100	20 ~~1.00~~	0.166				
B1	4.639	74.3	100	1.00	0.030				
Cal Blk		na	na	1.00	0.000				
CCV		na	na	1.00	~~0.279~~	0.278			
C1	4.544	71.1	100	5 ~~1.00~~	~~0.081~~	0.170			
d1	4.823	80.7	100	1.00	0.081				
E1	4.936	53.7	100	5 ~~1.00~~	0.193				
F1	4.485	58.5	100	5 ~~1.00~~	0.218				
G1	4.937	79.1	100	1.00	-0.004				
H1	5.452	82.4	100	1.00	-0.009				
I1	4.793	77.0	100	1.00	-0.008				
J1	4.492	69.5	100	1.00	0.561				
K1	4.448	49.0	100	5 ~~1.00~~	0.220				
L1	5.215	49.9	100	5 ~~1.00~~	0.166				
Cal Blk		na	na	1.00	0.000				
CCV		na	na	1.00	0.285				
M1	5.269	43.8	100	20 ~~1.00~~	0.230				
N1	4.646	56.4	100	20 ~~1.00~~	0.130				
O1	4.306	47.8	100	20 ~~1.00~~	0.208				
PB35 B1	4.772	61.6	100	5 ~~1.00~~	0.196				
B1	4.899	↓	100	5 ~~1.00~~	0.171				
B1	4.725	↓	100	20 ~~1.00~~	0.221				
CCB			100	1.00	~~0.284~~ 0.000				
CCV			100	1.00	0.284				
			100	1.00					
			100	1.00					
Cal Blk		na	na	1.00					
CCV		na	na	1.00					

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Sulfide Digestion Log

				Pretreatment Data							Sample Extraction Data				
	Sample ID	% Solids	% Water	Date	Sample Weight	Extract Method*	Acid	Required pH	mL DI Water	Observed mL acid	Date	Sample Weight	mL Acid Required	mL DI Water Required	Trap Volume (mL)
	Blank 1			6-8-9	~~PSEP~~ NA	PSEP	1+1 HCl w/A1	~~I~~ NA	NA	NA	6-8-9	NA	NA	100	100
1ml stck	LCS 1											↓		↓	
	PB35 B1											4.772		50	
	dup B1											4.899			
1ml stck	spk B1											4.729			
	d1											5.098			
	F1											4.874			
	H1											4.766			
	I1											4.927			
	J1											4.551			
	L1											4.698			
	N1											4.949			
	P1											4.727			
	R1											4.694		↓	
	Blank 2											NA		100	
1ml stck	LCS 2											NA		100	
	~~PB14~~ PB14 A1											4.359			
	dup A1											4.490			
1ml stck	spk A1											4.605			
	B1			↓	↓	↓	↓	↓	↓	↓	↓	4.639	↓	↓	↓

* Extarct Methods: **PSEP** = PSEP; **9030A** = 9030A Acid Soluble; **9030AI** = 9030A acid insoluble; **AVS** = Acid Volatile; **Reactive** = SW-846 reactive

Analyst Name: A1 Date: 6-8-09 Time: 10:20

Analytical Resources,Incorporated
Analytical Chemists and Consultants

Sulfide Digestion Log

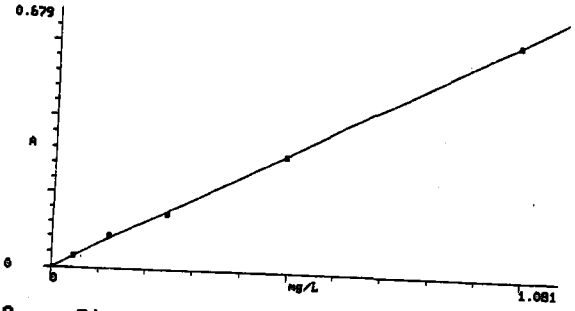
			Pretreatment Data							Sample Extraction Data				
Sample ID	% Solids	% Water	Date	Sample Weight	Extract Method*	Acid	Required pH	mL DI Water	Observed mL acid	Date	Sample Weight	mL Acid Required	mL DI Water Required	Trap Volume (mL)
DB44 C1											4.544			
d1											4.823			
e1											4.936			
f1											4.485			
g1											4.937			
h1											5.452			
i1											4.793			
J1											4.492			
K1											4.448			
L1											5.215			
M1											5.269			
N1											4.646			
O1											4.366			
LCS3											NA		100 ml	

6-8-09

* Extarct Methods: **PSEP** = PSEP; **9030A** = 9030A Acid Soluble; **9030AI** = 9030A acid insoluble; **AVS** = Acid Volatile; **Reactive** = SW-846 reactive

Analyst Name: _____ Date: 6-8-09 Time: 10.20

Standard Curve	13:10 9Jun09
Test Name	SULFIDE[Saved]
Date Standards Measured	9Jun09
Wavelength	650nm
Ref. Wavelength Correction	Off
Curve Fit	Linear
Number of Standards	6
Units	mg/L
ID# (0=OFF)	Off
Low/High Limits	0.050/1.000
Statistics	Off
Auto Print	On



Curve Fit	Linear
Slope	0.627
Intercept	-0.000602
Std Dev	0.005
Corr Coeff	1.000

Conc. mg/L	Abs 650nm
0.000	0.000
0.049	0.029
0.123	0.083
0.246	0.147
0.491	0.307
0.983	0.617

6-9-09
a1

TEST SETUP
GENESYS 10 v2.021 2G2G048006

Advanced A-%T-C	13:38 9Jun09
Test Name	SULFIDE[Saved]
Measurement Mode	Absorbance
Wavelength	650nm
Ref. Wavelength Correction	Off
Delay Time (min:sec)	0:00
ID# (0=OFF)	1
Low/High Limits	0.000/1.000
Statistics	Off
Auto Print	On

ID#	Abs 650nm
1	0.000
2	0.308
3	0.000
4	0.364

5	0.869
6	0.719
7	0.196
8	0.176
9	0.119
10	0.235
11	0.211
12	0.142
13	-0.010
14	0.297
15	0.250
16	0.388
17	0.265
18	0.152
19	-0.002
20	0.327

21 0.000

22 -0.002

23 0.166

24 0.030

~~25 -0.009~~

~~26 0.265~~

~~27 0.000~~ ~~OK~~ ignore
STASH

~~28 0.260~~ reread dev of (dirty blank cuvette)

~~29 0.277~~

30 0.000

31 0.278

32 0.170

33 0.081

34 0.193

35 0.218

35 0.218

36 -0.004

37 -0.009

38 -0.008

39 0.561

40 0.220

41 0.166

42 0.000

43 0.289

44 0.230

45 0.130

46 0.208

45 0.130

46 0.208

47 0.196

48 0.171

49 0.221

50 0.000

51 0.284

Geotechnical Analysis

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB35

prepared
by

Analytical Resources, Inc.

Environmental Science Corp.
JELD-WEN NORD DOOR

Apparent Grain Size Distribution Summary
Percent Finer Than Indicated Size

Sample No.	Gravel			Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt				Clay	
Phi Size	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
Sieve Size (microns)	3/8"	#4 (4750)	#10 (2000)	#18 (1000)	#35 (500)	#60 (250)	#120 (125)	#230 (63)	31.00	15.60	7.80	3.90	2.00	1.00
3SED12-A	100.00	99.82	99.70	99.37	98.85	97.67	90.01	57.35	31.76	18.68	10.61	7.25	5.22	3.07
	100.00	100.00	99.82	99.55	98.97	97.79	90.71	56.65	30.28	16.76	9.69	6.72	4.86	2.89
	100.00	99.87	99.80	99.37	98.82	97.99	91.50	58.00	31.86	18.77	10.40	7.29	5.11	3.10
3SED1-A	100.00	92.53	85.17	79.50	72.22	60.77	54.89	51.62	42.97	29.57	17.54	7.63	7.55	4.46
3SED1-B	100.00	98.34	94.35	90.10	84.95	78.53	74.02	70.41	58.70	38.37	23.51	15.31	10.59	6.43
3SED1-C	100.00	87.92	84.54	80.24	74.33	66.12	61.23	57.08	47.08	30.03	17.86	11.88	8.48	5.07
3SED2-A	100.00	68.42	58.98	50.56	33.97	12.72	5.29	3.80	3.56	2.82	1.84	1.25	0.88	0.50
3SED2-B	100.00	98.62	94.18	88.84	77.45	53.01	36.64	28.09	21.09	15.14	9.34	6.33	4.32	2.61
3SED2-C	100.00	96.39	93.82	88.70	79.25	62.63	51.96	45.73	37.19	25.96	16.28	10.71	7.66	4.65
3SED11-A	100.00	99.40	99.21	98.98	98.31	96.76	87.06	55.52	32.66	18.68	10.88	7.71	5.49	3.30
3SED11-B	100.00	98.24	98.13	97.73	97.09	95.66	86.86	62.79	38.50	23.01	13.77	8.87	6.44	3.95
3SED12-B	100.00	100.00	99.90	99.23	98.55	97.49	92.05	72.58	46.59	25.59	14.07	9.41	6.82	4.01

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Environmental Science Corp.
JELD-WEN NORD DOOR

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay			Total Fines
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10	<4
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0	<230 (<62)
3SED12-A	0.3	0.3	0.5	1.2	7.7	32.7	25.6	13.1	8.1	3.4	2.0	2.1	3.1	57.3
	0.2	0.3	0.6	1.2	7.1	34.1	26.4	13.5	7.1	3.0	1.9	2.0	2.9	56.6
	0.2	0.4	0.6	0.8	6.5	33.5	26.1	13.1	8.4	3.1	2.2	2.0	3.1	58.0
3SED1-A	14.8	5.7	7.3	11.4	5.9	3.3	8.7	13.4	12.0	9.9	0.1	3.1	4.5	51.6
3SED1-B	5.7	4.3	5.2	6.4	4.5	3.6	11.7	20.3	14.9	8.2	4.7	4.2	6.4	70.4
3SED1-C	15.5	4.3	5.9	8.2	4.9	4.1	10.0	17.0	12.2	6.0	3.4	3.4	5.1	57.1
3SED2-A	41.0	8.4	16.6	21.3	7.4	1.5	0.2	0.7	1.0	0.6	0.4	0.4	0.5	3.8
3SED2-B	5.8	5.3	11.4	24.4	16.4	8.6	7.0	5.9	5.8	3.0	2.0	1.7	2.6	28.1
3SED2-C	6.2	5.1	9.4	16.6	10.7	6.2	8.5	11.2	9.7	5.6	3.1	3.0	4.6	45.7
3SED11-A	0.8	0.2	0.7	1.5	9.7	31.5	22.9	14.0	7.8	3.2	2.2	2.2	3.3	55.5
3SED11-B	1.9	0.4	0.6	1.4	8.8	24.1	24.3	15.5	9.2	4.9	2.4	2.5	4.0	62.8
3SED12-B	0.1	0.7	0.7	1.1	5.4	19.5	26.0	21.0	11.5	4.7	2.6	2.8	4.0	72.6

Notes to the Testing:
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

QA SUMMARY

Client:	Environmental Science Corp.	Client Project No.:	JELD-WEN NORD DOOR
ARI Trip. Sample ID:	PB35 O	Batch No.:	PB35-1
Client Trip. Sample ID:	3SED12-A	Page:	1 of 1

Relative Standard Deviation, By Phi Size

Sample ID	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
3SED12-A	100.0	99.8	99.7	99.4	98.9	97.7	90.0	57.3	31.8	18.7	10.6	7.2	5.2	3.1
	100.0	100.0	99.8	99.6	99.0	97.8	90.7	56.6	30.3	16.8	9.7	6.7	4.9	2.9
	100.0	99.9	99.8	99.4	98.8	98.0	91.5	58.0	31.9	18.8	10.4	7.3	5.1	3.1
AVE	NA	99.90	99.78	99.43	98.88	97.81	90.74	57.33	31.30	18.07	10.23	7.09	5.06	3.02
STDEV	NA	0.09	0.07	0.11	0.08	0.16	0.75	0.68	0.88	1.14	0.48	0.31	0.18	0.11
%RSD	NA	0.09	0.07	0.11	0.08	0.16	0.82	1.18	2.82	6.29	4.71	4.44	3.58	3.69

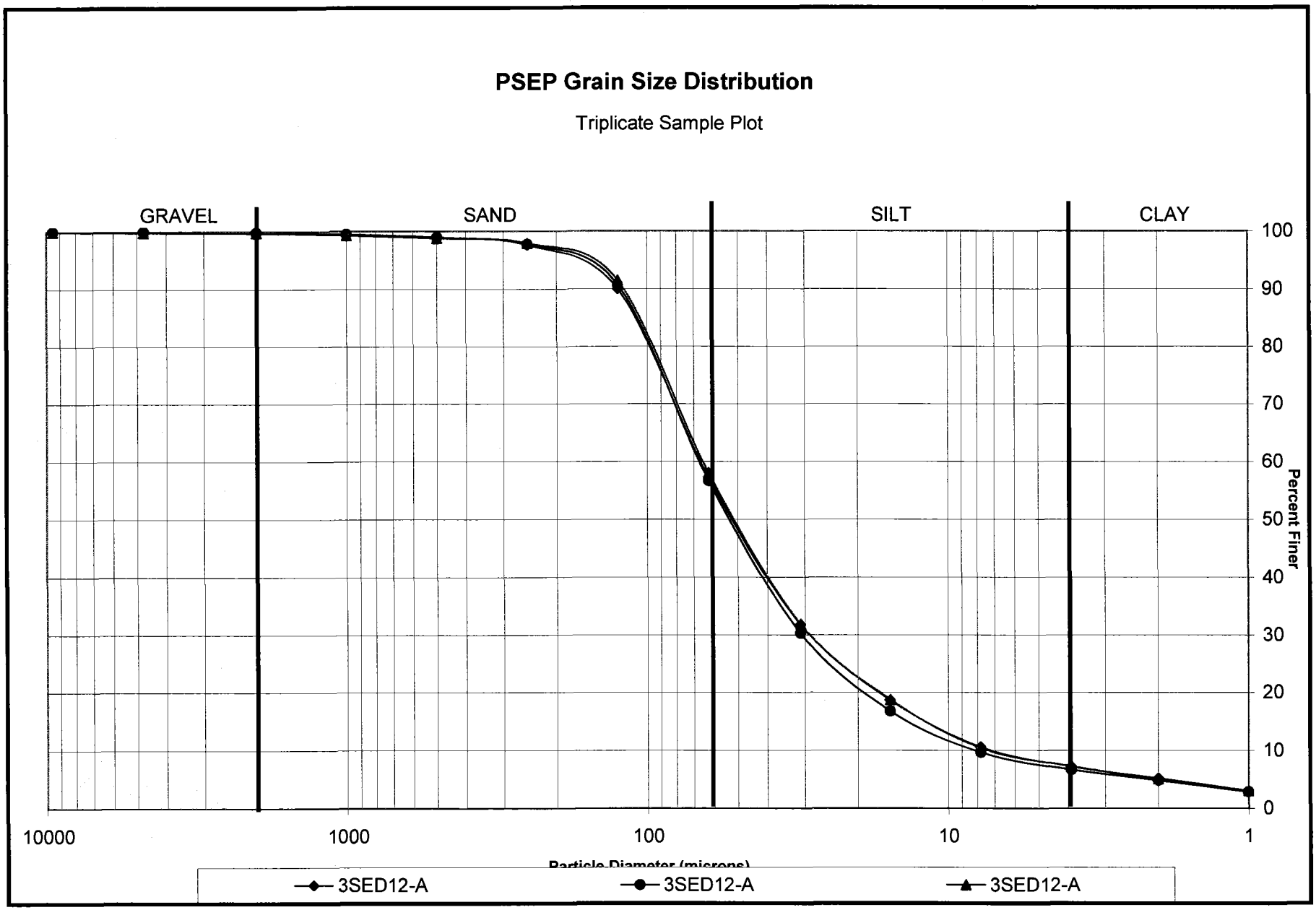
The Triplicate Applies To The Following Samples

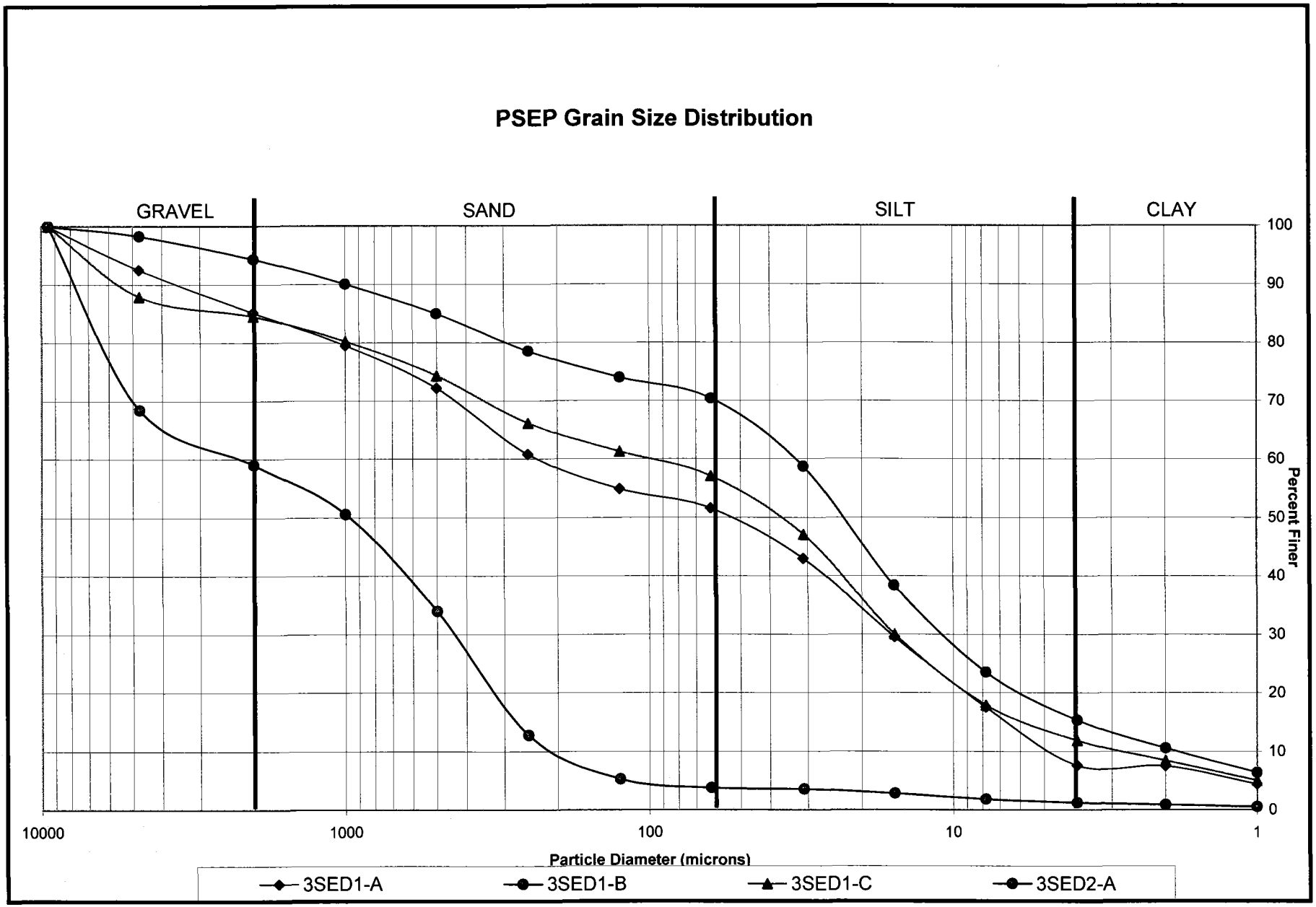
Client ID	Date Sampled	Date Extracted	Date Complete	QA Ratio (95-105)	Data Qualifiers	Pipette Portion (5.0-25.0g)
3SED12-A	6/3/2009	6/15/2009	6/19/2009	104.4		22.4
	6/3/2009	6/15/2009	6/19/2009	95.9		21.9
	6/3/2009	6/15/2009	6/19/2009	102.7		22.2
3SED1-A	6/3/2009	6/15/2009	6/19/2009	97.1		23.4
3SED1-B	6/3/2009	6/15/2009	6/19/2009	101.2		19.8
3SED1-C	6/3/2009	6/15/2009	6/19/2009	97.2		16.4
3SED2-A	6/3/2009	6/15/2009	6/19/2009	99.5		4.8
3SED2-B	6/3/2009	6/15/2009	6/19/2009	101.6		13.5
3SED2-C	6/3/2009	6/15/2009	6/19/2009	101.6		19.9
3SED11-A	6/3/2009	6/17/2009	6/19/2009	102.1		19.1
3SED11-B	6/3/2009	6/15/2009	6/19/2009	101.1		23.4
3SED12-B	6/3/2009	6/15/2009	6/19/2009	102.1		19.1

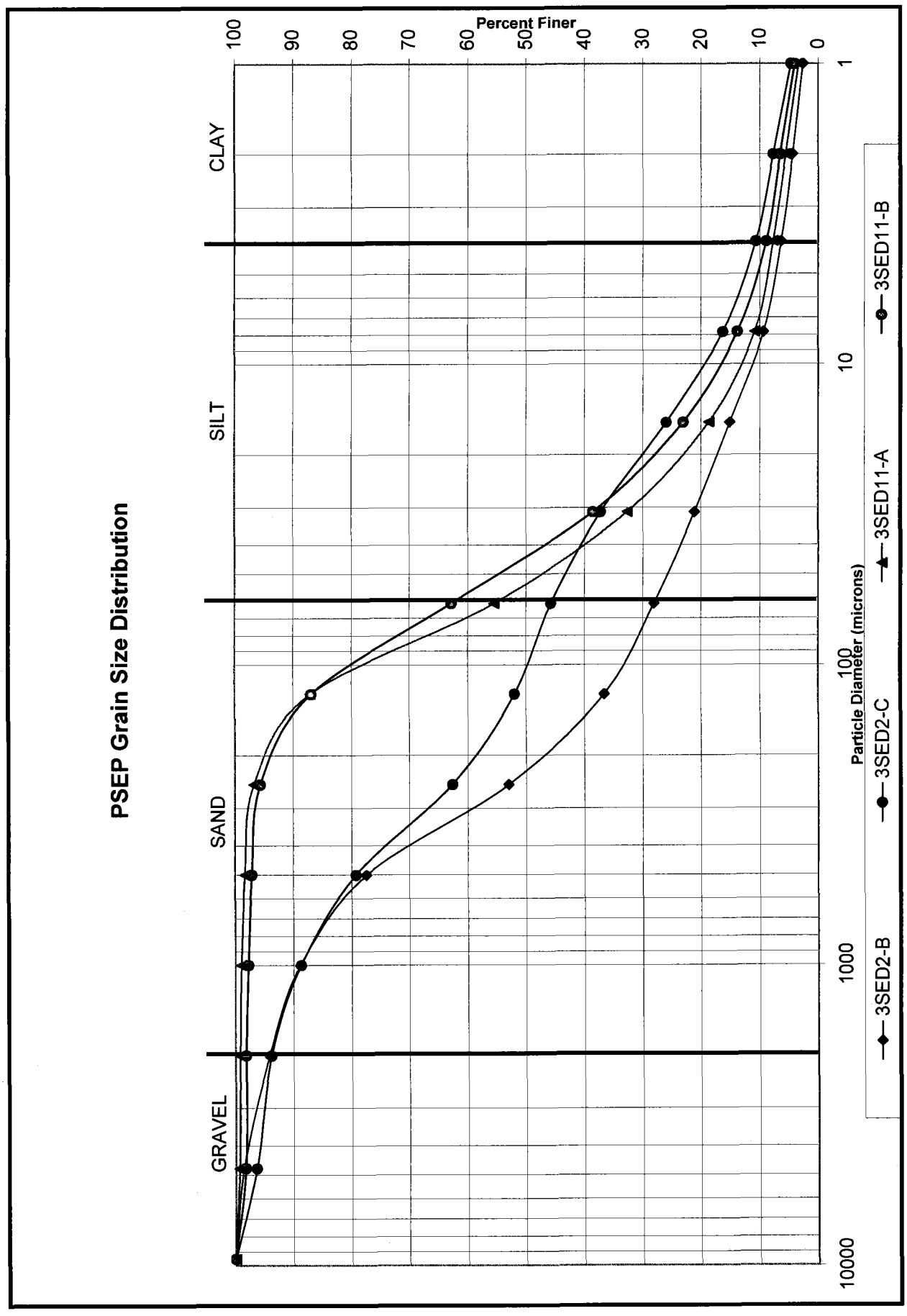
* ARI Internal QA limits = 95-105%

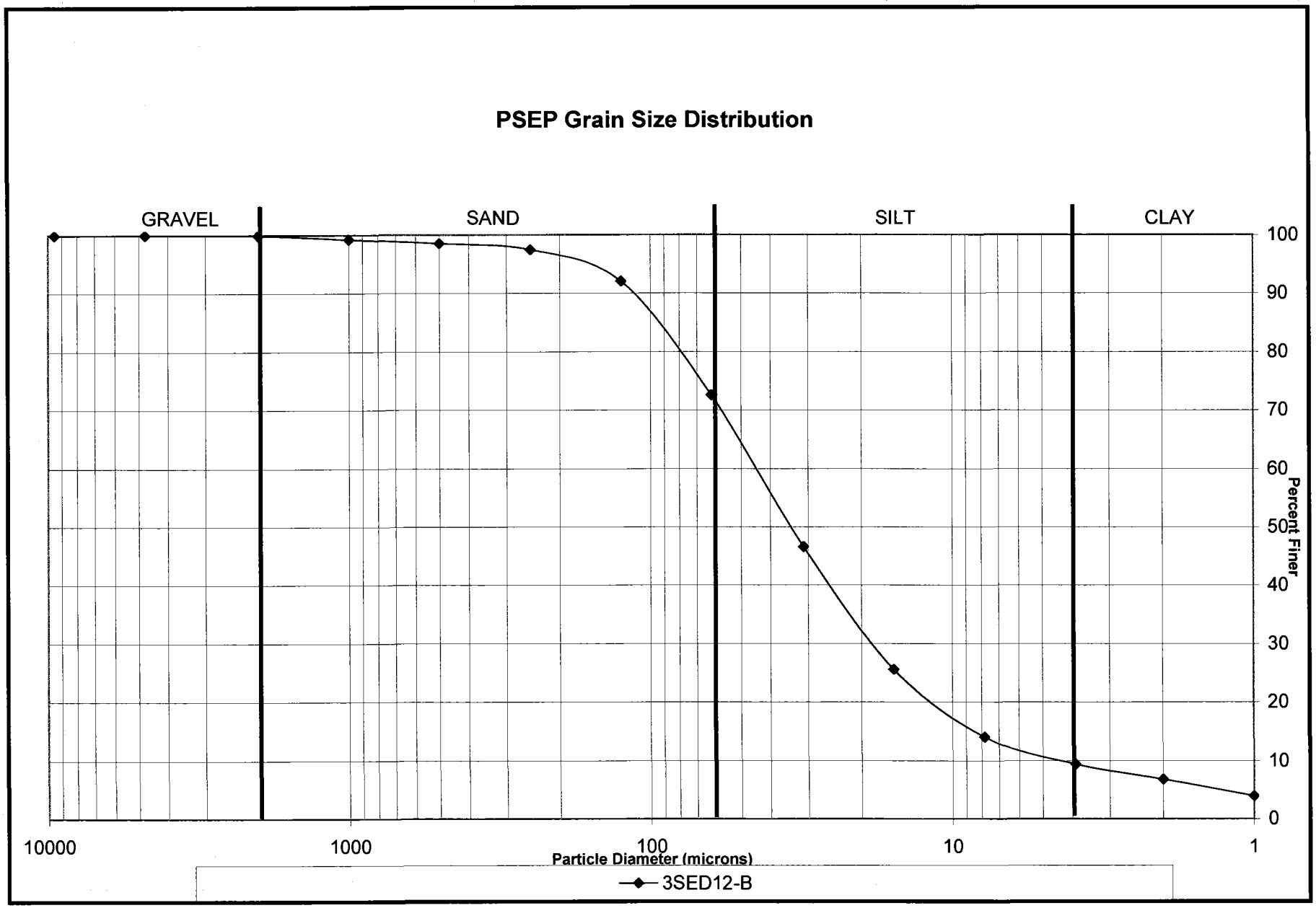
Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.


PSEP Grain Size Distribution
Triplicate Sample Plot
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
3SED12-A
3SED12-A
3SED12-A


PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
3SED1-A
3SED1-B
3SED1-C
3SED2-A


PSEP Grain Size Distribution
Percent Finer
100
90
80
70
60
50
40
30
20
10
0
CLAY
SILT
SAND
GRAVEL
1
10
100
1000
10000
Particle Diameter (microns)
3SED2-B
3SED2-C
3SED11-A
3SED11-B


PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
3SED12-B

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. 0-1 Client Sample No. 3SED12-A

Set-up Date: 6-15-09 Sample Description: Clayey Silty Sand

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/16/09

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	119
Tare Weight	1.5547
Wet Weight + Tare	27.2463
Dry Weight + Tare	18.4146

Test Sample	Initials CBL
Container No.	119
Tare Weight	49.9732
Wet Weight + Tare	109.5676
Dry Weight + Tare	71.7400

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.9868
4	50.0577
10	50.1035
18	50.2317
35	50.4360
60	50.8990
120	53.8951
230	66.6676
PAN	5.0083

Correction

Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials FI/AR

6/18/2009
Temp:23

Tare ID	Tare Wt	Dry Wt & Tare	TIME
0-1-1	1.5207	1.9483	10:20:00
0-1-2	1.5548	1.8045	10:20:20
0-1-3	1.5520	1.7037	10:21:46
0-1-4	1.5577	1.6489	10:27:05
0-1-5	1.5662	1.6322	10:48:18
0-1-6	1.5591	1.6099	12:13:00
0-1-7	1.5467	1.5814	15:46:00
			8:56:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. 0-2 Client Sample No. 3SEDI2 A

Set-up Date: 6.15.09 Sample Description:

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/16/09

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	128
Tare Weight	1.5583
Wet Weight + Tare	28.6482
Dry Weight + Tare	19.3286

Test Sample	Initials CBL
Container No.	128
Tare Weight	50.7623
Wet Weight + Tare	109.6884
Dry Weight + Tare	73.0658

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.7748
4	50.7748
10	50.8428
18	50.9473
35	51.1721
60	51.6288
120	54.3639
230	67.5320
PAN	5.4500

6/18/2009

Temp:23

PIPETTE ANALYSIS
Initials FI/AR

Tare ID	Tare Wt	Dry Wt & Tare	TIME
0-2-1	1.5104	1.9064	10:24:00
0-2-2	1.5117	1.7675	10:24:20
0-2-3	1.5164	1.6632	10:25:46
0-2-4	1.5129	1.6027	10:31:05
0-2-5	1.5136	1.5795	10:52:18
0-2-6	1.5185	1.5694	12:17:00
0-2-7	1.5184	1.5534	15:50:00
			9:00:00

Salt Correction

Wt.	
+ Dry Sample	
Correction (x 50)	

1.5191 2.0019

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. 0.3 Client Sample No. 33ED12-A

Set-up Date: 6-15-09 Sample Description:

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/16/09

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	133
Tare Weight	1.5289
Wet Weight + Tare	27.5526
Dry Weight + Tare	14.6391

Test Sample	Initials CBL
Container No.	B3
Tare Weight	49.8794
Wet Weight + Tare	108.2105
Dry Weight + Tare	71.3102

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.8924
4	49.9420
10	49.9684
18	50.1343
35	50.3463
60	50.6647
120	53.1522
230	65.9992
PAN	5.2454

Salt Correction

	Wt.
	Dry Sample
	orrection (x 50)

6/18/2009

Temp:23

PIPETTE ANALYSIS
Initials FI/AR

Tare ID	Tare Wt	Dry Wt & Tare	TIME
0-3-1	1.5285	1.9646	10:28:00
0-3-2	1.5125	1.7620	10:28:20
0-3-3	1.5203	1.6721	10:29:46
0-3-4	1.5152	1.6045	10:35:05
0-3-5	1.5217	1.5878	10:56:18
0-3-6	1.5067	1.5565	12:21:00
0-3-7	1.5088	1.5436	15:54:00
			9:04:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. A Client Sample No. 35ED1-A

Set-up Date: 6-15-09 Sample Description: Clayey Silty Sand, Gravel

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/16/09

SOLIDS CONTENT

Moisture Content	Initials CBZ
Container No.	142
Tare Weight	1.5199
Wet Weight + Tare	40.8150
Dry Weight + Tare	26.1817

Test Sample	Initials CBZ
Container No.	142
Tare Weight	50.7393
Wet Weight + Tare	123.0915
Dry Weight + Tare	73.6847

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.7634
4	54.1536
10	57.4966
18	60.0681
35	63.3751
60	68.5717
120	71.2414
230	72.7280
PAN	0.8956

Correction	
Wt.	
+ Dry Sample	
Correction (x 50)	

6/18/2009

Temp:23

PIPETTE ANALYSIS
Initials AR/AR

Tare ID	Tare Wt	Dry Wt & Tare	TIME
A-1	1.5052	2.0128	10:32:00
A-2	1.5329	1.9464	10:32:20
A-3	1.5253	1.8135	10:33:46
A-4	1.5642	1.7399	10:39:05
A-5	1.5595	1.6725	11:00:18
A-6	1.5435	1.6258	12:25:00
A-7	1.5312	1.5846	15:58:00
			9:08:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. C Client Sample No. 33ED1-B

Set-up Date: 6.15.09 Sample Description: Clayey Silty Sand, Clams

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/16/09

SOLIDS CONTENT

Moisture Content	Initials CC
Container No.	150
Tare Weight	1.5874
Wet Weight + Tare	27.7324
Dry Weight + Tare	16.4226

Test Sample	Initials CC
Container No.	150
Tare Weight	49.9707
Wet Weight + Tare	99.6647
Dry Weight + Tare	58.8639

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.9795
4	50.4477
10	51.5728
18	52.7713
35	54.2237
60	56.0337
120	57.3055
230	58.3240
PAN	0.5048

Salt Correction

	Wt.
	+ Dry Sample
	Correction (x 50)

6/18/2009
Temp:23

PIPETTE ANALYSIS
Initials FI/AR

Tare ID	Tare Wt	Dry Wt & Tare	TIME
C-1	1.5353	1.9374	11:12:00
C-2	1.5322	1.8710	11:12:20
C-3	1.5446	1.7701	11:13:46
C-4	1.5375	1.6802	11:19:05
C-5	1.5437	1.6407	11:40:18
C-6	1.5551	1.6278	13:05:00
C-7	1.5454	1.5929	16:38:00
			9:48:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. Σ Client Sample No. 3SED1-C

Set-up Date: 6-15-09 Sample Description: Clayey Silty Sand, Gravel

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/16/09

SOLIDS CONTENT

Moisture Content	Initials AR
Container No.	160
Tare Weight	1.5269
Wet Weight + Tare	43.0990
Dry Weight + Tare	24.9761

Test Sample	Initials AR
Container No.	160
Tare Weight	50.6567
Wet Weight + Tare	101.7840
Dry Weight + Tare	63.5425

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.6693
4	54.1518
10	55.1292
18	56.3690
35	58.0709
60	60.4392
120	61.8511
230	63.0462
PAN	0.4678

Salt Correction

t.	
Dry Sample	
rrection (x 50)	

6/18/2009

Temp:23

PIPETTE ANALYSIS
Initials FI/AR

Tare ID	Tare Wt	Dry Wt & Tare	TIME
E-1	1.5465	1.9042	10:40:00
E-2	1.5489	1.8400	10:40:20
E-3	1.5472	1.7371	10:41:46
E-4	1.5369	1.6546	10:47:05
E-5	1.5245	1.6067	11:08:18
E-6	1.5270	1.5890	12:33:00
E-7	1.5557	1.5975	16:06:00
			9:16:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. G Client Sample No. 35EDR-A

Set-up Date: 6.1509 Sample Description: Gravelly Sand

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/17/09

SOLIDS CONTENT

Moisture Content	Initials GR
Container No.	184
Tare Weight	1.5246
Wet Weight + Tare	40.0296
Dry Weight + Tare	34.1128

Test Sample	Initials GR
Container No.	164
Tare Weight	50.2037
Wet Weight + Tare	200.6624
Dry Weight + Tare	173.3596

SIEVE ANALYSIS
Initials AR

Sieve Size	AR Weight Retained
Tare	~~X~~ 50.2300
4	90.4456
10	102.4706
18	113.1908
35	134.3087
60	161.3760
120	170.8333
230	172.7326
PAN	0.5678

4.8

Salt Correction

Wt.	
+ Dry Sample	
Correction (x 50)	

6/18/2009

Temp:23

PIPETTE ANALYSIS
Initials FI/AR

Tare ID	Tare Wt	Dry Wt & Tare	TIME
G-1	1.5649	1.6864 FI ~~48~~	10:44:00
G-2	1.5432	1.6461	10:44:20
G-3	1.5750	1.6589	10:45:46
G-4	1.5745	1.6333	10:51:05
G-5	1.5693	1.6130	11:12:18
G-6	1.5489	1.5830	12:37:00
G-7	1.5599	1.5845	16:10:00
			9:20:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. I Client Sample No. 33E02:B

Set-up Date: 6.15.09 Sample Description: Clayey Silty Sand, Gravel

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/17/09

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	166
Tare Weight	1.5261
Wet Weight + Tare	37.1495
Dry Weight + Tare	24.6169

Test Sample	Initials CBL
Container No.	166
Tare Weight	50.9230
Wet Weight + Tare	124.9527
Dry Weight + Tare	86.3146

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.9356
4	51.5982
10	53.7298
18	56.2900
35	61.7551
60	73.4846
120	81.3386
230	85.4427
PAN	0.9335

Salt Correction

Wt.	
+ Dry Sample	
Correction (x 50)	

PIPETTE ANALYSIS
Initials FI/AR

6/18/2009
Temp:23

Tare ID	Tare Wt	Dry Wt & Tare	TIME
I-1	1.5602	1.8263	10:48:00
I-2	1.5539	1.7648	10:48:20
I-3	1.5465	1.7012	10:49:46
I-4	1.5497	1.6~~500~~ 496 FI	10:55:05
I-5	1.5422	1.6137	11:16:18
I-6	1.5605	1.6130	12:41:00
I-7	1.5624	1.5987	16:14:00
			9:24:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. J Client Sample No. 338D2-C

Set-up Date: 6-15-09 Sample Description: Peat, Wood, Gravel

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/17/09

SOLIDS CONTENT

Moisture Content	Initials CR
Container No.	170
Tare Weight	1.5227
Wet Weight + Tare	37.1843
Dry Weight + Tare	23.5871

Test Sample	Initials CR
Container No.	170
Tare Weight	49.4980
Wet Weight + Tare	119.8852
Dry Weight + Tare	74.2981

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.5204
4	51.0925
10	52.2133
18	54.4428
35	58.5578
60	65.7940
120	70.4413
230	73.1543
PAN	1.2940

Salt Correction

Wt.	
Dry Sample	
orrection (x 50)	

6/18/2009

Temp:23

PIPETTE ANALYSIS
Initials FI/AR

Tare ID	Tare Wt	Dry Wt & Tare	TIME
J-1	1.5118	1.9080	10:52:00
J-2	1.5075	1.8380	10:52:20
J-3	1.5103	1.7445	10:53:46
J-4	1.5524	1.7086	10:59:05
J-5	1.5490	1.6525	11:20:18
J-6	1.5502	1.6275	12:45:00
J-7	1.5519	1.6034	16:18:00
			9:28:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. K Client Sample No. 358D11-A

Set-up Date: 6·17·09 Sample Description: Silby Sand

Calgon Batch # _____ Sieve Set # 2 Date Sieved: _____

SOLIDS CONTENT

Moisture Content	Initials BL
Container No.	101
Tare Weight	1.5428
Wet Weight + Tare	23.8449
Dry Weight + Tare	16.3298

Test Sample	Initials BL
Container No.	101
Tare Weight	50.3352
Wet Weight + Tare	102.3566
Dry Weight + Tare	89.4109

FI

SIEVE ANALYSIS
Initials FI

Sieve Size	Weight Retained
Tare	50.3504
4	50.5563
10	50.6217
18	50.7026
35	50.9340
60	51.4677
120	54.8123
230	65.6923
PAN	3.7199

6/18/2009
Temp:23

t Correction	
e Wt.	
e + Dry Sample	
t Correction (x 50)	

PIPETTE ANALYSIS
Initials FI/AR

Tare ID	Tare Wt	Dry Wt & Tare	TIME
K-1	1.5448	1.9254	10:56:00
K-2	1.5408	1.7732	10:56:20
K-3	1.5327	1.6706	10:57:46
K-4	1.5338	1.6190	11:03:05
K-5	1.5373	1.6011	11:24:18
K-6	1.5316	1.5804	12:49:00
K-7	1.5328	1.5668	16:22:00
			9:32:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. M Client Sample No. 3SED11-B

Set-up Date: 6-15-09 Sample Description: Clayey Silty Sand, wood

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/17/09

SOLIDS CONTENT

Moisture Content	Initials CR
Container No.	176
Tare Weight	1.5084
Wet Weight + Tare	39.1584
Dry Weight + Tare	25.2573

Test Sample	Initials CR
Container No.	176
Tare Weight	50.3392
Wet Weight + Tare	109.3593
Dry Weight + Tare	68.3089

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.3496
4	51.0063
10	51.0454
18	51.1947
35	51.4330
60	51.9652
120	55.2402
230	64.2035
PAN	4.1411

6/18/2009

Temp:23

TIME

't Correction

re Wt.	
re + Dry Sample	
lt Correction (x 50)	

PIPETTE ANALYSIS
Initials FI/AR

Tare ID	Tare Wt	Dry Wt & Tare	TIME
M-1	1.5508	2.0221	11:00:00
M-2	1.5553	1.8506	11:00:20
M-3	1.5487 AR	1.7291	11:01:46
M-4	1.5519	1.6650	11:07:05
M-5	1.5481	1.6251	11:28:18
M-6	1.5477	1.6068	12:53:00
M-7	1.5516	1.5924	16:26:00
			9:36:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB35 ARI Sample No. Q Client Sample No. 33ED12-B

Set-up Date: 6.1709 Sample Description: Silty Sand

Calgon Batch # _____ Sieve Set # 1 Date Sieved: _____

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	203
Tare Weight	1.5568
Wet Weight + Tare	27.4234
Dry Weight + Tare	17.2431

Test Sample	Initials CBL
Container No.	203
Tare Weight	49.8662
Wet Weight + Tare	93.1972
Dry Weight + Tare	59.6377

SIEVE ANALYSIS
Initials _____

Sieve Size	Weight Retained
Tare	49.8756
4	
10	49.9016
18	50.0774
35	50.2575
60	50.5355
120	51.9640
230	57.0810
PAN	62.5715

F3

6/18/2009
Temp:23

Salt Correction	
Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PIPETTE ANALYSIS
Initials FI/AR

Tare ID	Tare Wt	Dry Wt & Tare	TIME
Q-1	1.5764	1.9587	11:04:00
Q-2	1.5395	1.7910	11:04:20
Q-3	1.5296	1.6730	11:05:46
Q-4	1.5164	1.6005	11:11:05
Q-5	1.5091	1.5692	11:32:18
Q-6	1.5290	1.5758	12:57:00
Q-7	1.5051	1.5374	16:30:00
			9:40:00

Analytical Resources, Incorporated
Analytical Chemists and Consultants

June 24, 2009

Jarred Willis
Environmental Science Corp.
12065 Lebanon Road
Mt. Juliet, TN 37122

RE: Project: JELD-WEN Nord Door
ARI Job No: PB44

Dear Mr. Willis:

Please find enclosed the Chain-of-Custody (COC) records, sample receipt documentation, and the final data package for samples from the project referenced above.

Sample receipt and details of the analyses are discussed in the Case Narrative.

An electronic copy of this data and associated raw data will be kept on file with ARI. Should you have any questions or problems, please feel free to contact me at any time.

Sincerely,

ANALYTICAL RESOURCES, INC.

Cheronne Oreiro
Project Manager
(206) 695-6214
cheronneo@arilabs.com

Enclosures

cc: Efile PB44

Chain of Custody
Documentation

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: PB44	Turn-around Requested:	Page: 1 of 2	
ARI Client Company: SLR International / ESC	Phone: 503-723-4423	Date: 06/04/2009	Ice Present? Y
Client Contact: Scott Miller (SLR)	Denis Wells (ESC)	No. of Coolers: 2	Cooler Temps: 5.6, 5.7
Client Project Name: JELD-WEN Nord Door			
Client Project #:	Samplers:		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: BNA SVOC/SIM (SAPA)	PCBs (SAPA)	Metals (SAPA)	TOC/TS NH3/TVS (SAPA)	Sulfides (SAPA)	Grain Size (SAPA)			Notes/Comments
3SED4-A	6/04/09	8:30	Sediment	6	X	X	X	X	X	X			1 Jar ZNOAC Preserved
3SED4-B	6/04/09	8:40		6	X	X	X	X	X	X			
3SED4-C	6/04/09	8:50		6	X	X	X	X	X	X			
3SED3-A		7:20		6	X	X	X	X	X	X			
3SED3-B		7:24		6	X	X	X	X	X	X			
3SED3-C		7:41		6	X	X	X	X	X	X			
3SED6-A		9:26		6	X	X	X	X	X	X			
3SED6-B		9:51		6	X	X	X	X	X	X			
3SED6-C		10:00		6	X	X	X	X	X	X			

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Chris Kramer	Printed Name: Mikka Mulumba	Printed Name:	Printed Name:
	Company: SLR	Company: ARI	Company:	Company:
	Date & Time: 6/4/09 13:30	Date & Time: 6/4/09 1618	Date & Time:	Date & Time:

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number:	Turn-around Requested:
ARI Client Company: SLR International	Phone:
Client Contact:	
Client Project Name: JELD-WEN Nord Door	
Client Project #:	Samplers:

Page: 2 of 2

Date: 06/04/2009 Ice Present? Y

No. of Coolers: 2 Cooler Temps: 5.6, 5.2

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: BNA SVOCs-SIMS (SAPA)	PCBs (SAPA)	Metals (SAPA)	TOC / TS (SAPA) / NH3 / TVS	Sulfide (SAPA)	Grain Size (SAPA)			Notes/Comments
3SED7-A	06/04/09	10:46	Sediment	6	X	X	X	X	X	X			1 Jar 7NO3 Preserve
3SED7-B		10:59		6	X	X	X	X	X	X			
3SED7-C		~~10~~ 11:08		6	X	X	X	X	X	X			
3SED9-A		12:13		6	X	X	X	X	X	X			
3SED9-B		12:20		6	X	X	X	X	X	X			
3SED9-C		11:55	↓	7	X	X	X	X	X	X			

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Dennis Wells	Printed Name: Mikka Mulumba	Printed Name:	Printed Name:
	Company: ESC	Company: ARI	Company:	Company:
	Date & Time: 6/4/09 13:30	Date & Time: 6/4/09 1618	Date & Time:	Date & Time:

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: SLR International
Project Name: JELD-WEN
COC No(s): _____ (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____
Assigned ARI Job No: PB44
Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)	5.6 5.2	
If cooler temperature is out of compliance fill out form 00070F	Temp Gun ID#: 101886	

Cooler Accepted by: MM Date: 6/4/09 Time: 1618

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... (Bubble Wrap) (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO

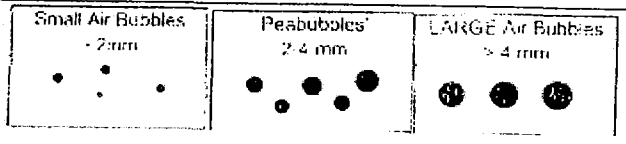
Samples Logged by: AV Date: 6/5/09 Time: 841

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

Case Narrative

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

ANALYTICAL
RESOURCES
INCORPORATED

Case Narrative

Client: Environmental Science Corp.
Project: JELD-WEN Nord Door
Matrix: Sediment
ARI Job No.: PB44

Sample receipt

Fifteen sediment samples were received June 4, 2009, under ARI Job PB44. The cooler temperatures measured by IR thermometer following ARI SOP were 5.2 and 5.6° C. For further details regarding sample receipt, please refer to the Cooler Receipt Form.

Semivolatiles by SW8270

The samples were initially screened to determine if there was a response that would require modification of the extraction process. Based on the screen, extraction weights were reduced for samples **3SED3-A**, **3SED3-B**, **3SED3-C**, and **3SED7-A**. The samples and associated laboratory QC were extracted and analyzed within method recommended holding times.

Initial and continuing calibrations were within method requirements. Internal standard areas were within limits.

The surrogate percent recoveries were within control limits.

The method blank was clean at the reporting limits. The LCS percent recoveries were within control limits.

The matrix spike and matrix spike duplicate percent recoveries were within advisory control limits.

SIM Semivolatiles by SW8270

The samples and associated laboratory QC were extracted and analyzed within method recommended holding times.

Initial and continuing calibrations were within method requirements.

The internal standard areas of Perylene-d12 were outside the control limit low for several samples. The samples were re-analyzed at a three fold dilution and the internal standard areas were comparable to the original analysis. Both sets of data have been included in this data package for review. No further corrective action was required.

The internal standard areas of Chrysene-d12 fell outside the control limit low for samples **3SED7-A**, **3SED7-C**, **3SED9-A**, and **3SED9-C**. The samples were re-analyzed at a three fold dilution and the internal standard areas of Chrysene-d12 were within control limits. Both sets of data have been included in this package for review. No further corrective action was required.

The surrogate percent recoveries of d14-p-Terphenyl were outside the control limits high for several samples. The samples were re-analyzed at a dilution and all surrogate percent recoveries were within control limits. Both sets of data have been included in this package for review. No further corrective action was required.

The surrogate percent recovery of d14-p-Terphenyl was outside the control limits high for the matrix spike duplicate of sample **3SED6-B**. No corrective action is required for matrix QC.

The method blank was clean at the reporting limits.

The LCS percent recovery of Benzyl Alcohol fell outside the control limits low for **LCS-060909**. The outlier was allowed as a marginal exceedance. No corrective action was required.

The matrix spike and matrix spike percent recoveries were within advisory control limits.

Aroclor PCBs by 8082

The samples were initially screened to determine if there was a response that would require modification of the extraction process. Based on the screen, no sample modifications were required. The samples and associated laboratory QC were extracted and analyzed within method recommended holding times.

Initial and continuing calibrations were within method requirements. Internal standard areas were within limits.

The surrogate percent recoveries were within control limits.

The method blank was clean at the reporting limit. The LCS percent recoveries were within control limits.

The matrix spike and matrix spike percent recoveries were within advisory control limits.

Total Metals

The samples and associated QC were digested and analyzed within method recommended holding times.

The method blank was clean at the reporting limits. The LCS percent recoveries were within control limits.

The matrix spike percent recoveries were within control limits.

The duplciate RPDs of chromium, lead, and zinc were outside the control limit for sample **3SED4-A**. All relevant data have been flagged with an "*" qualifier on the appropriate Form VI's. No further corrective action was required.

Conventional Parameters

The samples and associated laboratory QC were prepared and analyzed within method recommended holding times.

The method blanks were clean at the reporting limits. The LCS percent recoveries were within control limits.

The SRM percent recoveries were within control limits.

The matrix spike percent recoveries and replicate RPDs were within control limits.

Geotechnical Parameters

A laboratory-specific narrative follows.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Client: Environmental Science Corp. **ARI Project No.:** PB44

Client Project: JELD-WEN NORD DOOR

Case Narrative

1. Fifteen samples were submitted for grain size analysis according to Puget Sound Estuary Protocol (PSEP) methodology on June 4, 2009.
2. The samples were run in a single batch and one sample from this job, 3SED7-C, was chosen for triplicate analysis. The triplicate data is reported on the QA summary.
3. Samples 3SED7-A, 3SED9-A, 3SED9-B, 3SED9-C and 3SED3-B contained woody or other organic matter, which may have broken down during the sieving process, affecting grain size analysis.
4. Sample 3SED7-C, 3SED4-A, 3SED6-B, 3SED6-C, AND 3SED7-A contained shell fragments.
5. The data is provided in summary tables and plots.
6. There were no other noted anomalies in this project.

Approved by: Geotechnical Laboratory Manager Date: 6/23/09

Data Reporting Qualifiers

Effective 12/28/04

Inorganic Data

U Indicates that the target analyte was not detected at the reported concentration

* Duplicate RPD is not within established control limits

B Reported value is less than the CRDL but ≥ the Reporting Limit

N Matrix Spike recovery not within established control limits

NA Not Applicable, analyte not spiked

H The natural concentration of the spiked element is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible

L Analyte concentration is ≤5 times the Reporting Limit and the replicate control limit defaults to ±1 RL instead of the normal 20% RPD

Organic Data

U Indicates that the target analyte was not detected at the reported concentration

* Flagged value is not within established control limits

B Analyte detected in an associated Method Blank at a concentration greater than one-half of ARI's Reporting Limit or 5% of the regulatory limit or 5% of the analyte concentration in the sample.

J Estimated concentration when the value is less than ARI's established reporting limits

D The spiked compound was not detected due to sample extract dilution

NR Spiked compound recovery is not reported due to chromatographic interference

E Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

S Indicates an analyte response that has saturated the detector. The calculated concentration is not valid; a dilution is required to obtain valid quantification of the analyte

NA The flagged analyte was not analyzed for

NS The flagged analyte was not spiked into the sample

M Estimated value for an analyte detected and confirmed by an analyst but with low spectral match parameters. This flag is used only for GC-MS analyses

M2 The sample contains PCB congeners that do not match any standard Aroclor pattern. The PCBs are identified and quantified as the Aroclor whose pattern most closely matches that of the sample. The reported value is an estimate.

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification"

Y The analyte is not detected at or above the reported concentration. The reporting limit is raised due to chromatographic interference. The Y flag is equivalent to the U flag with a raised reporting limit.

C The analyte was positively identified on only one of two chromatographic columns. Chromatographic interference prevented a positive identification on the second column

P The analyte was detected on both chromatographic columns but the quantified values differ by ≥40% RPD with no obvious chromatographic interference

Geotechnical Data

A The total of all fines fractions. This flag is used to report total fines when only sieve analysis is requested and balances total grain size with sample weight.

F Samples were frozen prior to particle size determination

SM Sample matrix was not appropriate for the requested analysis. This normally refers to samples contaminated with an organic product that interferes with the sieving process and/or moisture content, porosity and saturation calculations

SS Sample did not contain the proportion of "fines" required to perform the pipette portion of the grain size analysis

W Weight of sample in some pipette aliquots was below the level required for accurate weighting

LCS SOLUTIONS

05/15/09

LABE	SOLN ID	TEST	CONC. UG/ML	SOLVENT	EXP.
1	1549-3	PCB	20	ACETONE	10/10/09
2#	1472-3	BCOC PEST	10	ACETONE	NA
3	1579-3	PEST	02/04/20	ACETONE	09/23/09
4	1594-2	LOW PEST	0.2/0.4/2	ACETONE	09/23/09
5	1580-2	EPH	1500	MECL2	01/29/10
6	1559-2	PCP	12.5/125	ACETONE	11/05/09
7	1597-2	ABN	100	ACETONE	02/01/10
8	1566-1	TBT	2.5	MECL2	12/04/09
9	1567-3	PORE TBT	.125/.25	MECL2	12/04/09
10	1596-2	ABN ACID	100/200	MEOH	10/21/09
11	1591-1	TPHD	15000	ACETONE	03/26/10
12	1597-3	ABN BASE	200	ACETONE	02/05/10
13	1573-2	LOW PCB	2	ACETONE	10/10/09
14*	1547-1	LOW ABN ACID	10/20	MEOH	04/10/10
15	1591-3	SIM PNA	15/75	MEOH	08/28/09
16*	1502-2	DIOXANE	100	MEOH	02/26/10
17#	1516-2	1248 PCB	20	ACETONE	NA
18	1591-4	LOW SIM PNA	1.5	ACETONE	08/28/09
19	1574-4	AK103	7500	MECL2	12/02/09
20	1572-2	PNA	100	ACETONE	12/26/09
21	1593-3	SKY/BHT	100	MEOH	03/31/10
22	1599-1	HERB	12.5/12500	MEOH	08/18/09
23*	1505-1	LW ABN BASE	20	MEOH	03/20/10
24	1573-4	LOW ABN	10	ACETONE	08/01/09
25#	1481-1	DIPHENYL	100	MEOH	NA
26*	1545-2	OP-PEST	25	MEOH	02/16/10
27#	1495-1	STEROLS	200	MEOH	NA
28	1595-1	ADD. PEST	4	ACETONE	09/15/09
29#	1496-3	DECANES	100	MEOH	NA
30#	1497-2	EDB/DBCP	2	ACETONE	NA
31	1596-1	TERPINEOL	100	MEOH	04/03/10

LCS SOLUTIONS

05/15/09

32	1598-1	GUAIACOL	50-200	ACETONE	04/30/10
33	1522-1	RESIN ACID	250	ACETONE	06/11/09
34	1530-2	CONGENERS	1	ACETONE	07/23/09
35	1601-2	ALKYL PNA A	10	MEOH	04/03/10
36	1601-3	ALKYL PNA B	10	MEOH	05/13/10
50	1571-1	FULL RESIN	250	ACETONE	06/10/09
	*=REVERIFIED SOLUTION				
	#=PROJECT SPECIFIC SOLUTION				

SURR SOLUTIONS

05/15/09

LABEL	SOLN ID	TEST	CONC. UG/ML	SOLVENT	EXP.
A	1584-5	ABN	100/150	MEOH	02/18/10
B	1572-1	SIM PNA	15/75	MEOH	08/28/09
C*	1559-1	SIM ABN	25/37.5	MEOH	03/13/10
D	1573-3	LOW PCB	0.2	ACETONE	07/31/09
E*	1478-1	HERB	62.5	MEOH	09/21/09
F	1574-3	PCP	12.5	ACETONE	01/06/10
G*	1534-1	1,4DIOXANE	100	MEOH	02/26/10
H	1594-1	OP-PEST	25	MEOH	04/01/10
I	1559-4	LOW S. PNA	1.5	MEOH	08/28/09
J	1566-5	TBT-PORE	0.125	MECL2	12/04/09
K	1538-1	MED PCB	20	ACETONE	07/31/09
L	1584-4	TBT	2.5	MECL2	12/04/09
M	1578-1	EPH	1500	MECL2	12/09/09
N	1538-2	PCB	2	ACETONE	07/31/09
O	1567-4	TPH	450	MECL2	09/24/09
P	1598-2	HCID	2250	MECL2	01/07/10
Q#	1497-3	EDB	2	ACETONE	NA
R	1521-4	RESIN ACID	250	ACETONE	06/11/09
S	1568-5	PBDE	.25	MEOH	12/11/09
T	1601-1	ALKYL PNA	10	MEOH	11/26/09
U	*=REVERIFIED SOLUTION				
V	#=PROJECT SPECIFIC SOLUTION				
W					
X					
Y					
Z					

Data Summary Package

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

SEMIVOLATILE ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED4-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 14:49
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 26.1 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 17.1%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**19**	**41**
541-73-1	1,3-Dichlorobenzene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
100-51-6	Benzyl Alcohol	19	< 19 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
95-48-7	2-Methylphenol	19	< 19 U
106-44-5	**4-Methylphenol**	**19**	**34**
67-72-1	Hexachloroethane	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
65-85-0	Benzoic Acid	190	< 190 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
91-20-3	Naphthalene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
91-57-6	2-Methylnaphthalene	19	< 19 U
131-11-3	Dimethylphthalate	19	< 19 U
208-96-8	Acenaphthylene	19	< 19 U
83-32-9	Acenaphthene	19	< 19 U
132-64-9	Dibenzofuran	19	< 19 U
84-66-2	Diethylphthalate	19	< 19 U
86-73-7	Fluorene	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-86-5	Pentachlorophenol	96	< 96 U
85-01-8	**Phenanthrene**	**19**	**13 J**
120-12-7	Anthracene	19	< 19 U
84-74-2	Di-n-Butylphthalate	19	< 19 U
206-44-0	**Fluoranthene**	**19**	**51**
129-00-0	**Pyrene**	**19**	**32**
85-68-7	Butylbenzylphthalate	19	< 19 U
56-55-3	**Benzo(a)anthracene**	**19**	**19**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**19**	**15 J**
218-01-9	**Chrysene**	**19**	**47**
117-84-0	Di-n-Octyl phthalate	19	< 19 U
205-99-2	**Benzo(b)fluoranthene**	**19**	**24**
207-08-9	**Benzo(k)fluoranthene**	**19**	**24**
50-32-8	**Benzo(a)pyrene**	**19**	**14 J**
193-39-5	Indeno(1,2,3-cd)pyrene	19	< 19 U
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
191-24-2	**Benzo(g,h,i)perylene**	**19**	**12 J**
90-12-0	1-Methylnaphthalene	19	< 19 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	69.2%
d14-p-Terphenyl	74.8%	d4-1,2-Dichlorobenzene	56.4%
d5-Phenol	68.3%	2-Fluorophenol	58.9%
2,4,6-Tribromophenol	84.8%	d4-2-Chlorophenol	69.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED4-B
SAMPLE

Lab Sample ID: PB44B
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 15:23
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 26.1 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 22.5%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**19**	**61**
541-73-1	1,3-Dichlorobenzene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
100-51-6	Benzyl Alcohol	19	< 19 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
95-48-7	2-Methylphenol	19	< 19 U
106-44-5	**4-Methylphenol**	**19**	**18 J**
67-72-1	Hexachloroethane	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
65-85-0	Benzoic Acid	190	< 190 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
91-20-3	Naphthalene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
91-57-6	2-Methylnaphthalene	19	< 19 U
131-11-3	Dimethylphthalate	19	< 19 U
208-96-8	Acenaphthylene	19	< 19 U
83-32-9	Acenaphthene	19	< 19 U
132-64-9	Dibenzofuran	19	< 19 U
84-66-2	Diethylphthalate	19	< 19 U
86-73-7	Fluorene	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-86-5	Pentachlorophenol	96	< 96 U
85-01-8	**Phenanthrene**	**19**	**21**
120-12-7	**Anthracene**	**19**	**14 J**
84-74-2	Di-n-Butylphthalate	19	< 19 U
206-44-0	**Fluoranthene**	**19**	**71**
129-00-0	**Pyrene**	**19**	**54**
85-68-7	Butylbenzylphthalate	19	< 19 U
56-55-3	**Benzo(a)anthracene**	**19**	**26**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**19**	**21**
218-01-9	**Chrysene**	**19**	**45**
117-84-0	Di-n-Octyl phthalate	19	< 19 U
205-99-2	**Benzo(b)fluoranthene**	**19**	**24**
207-08-9	**Benzo(k)fluoranthene**	**19**	**24**
50-32-8	**Benzo(a)pyrene**	**19**	**21**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**19**	**11 J**
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
191-24-2	**Benzo(g,h,i)perylene**	**19**	**17 J**
90-12-0	1-Methylnaphthalene	19	< 19 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.0%	2-Fluorobiphenyl	72.0%
d14-p-Terphenyl	75.6%	d4-1,2-Dichlorobenzene	56.0%
d5-Phenol	72.0%	2-Fluorophenol	61.1%
2,4,6-Tribromophenol	91.5%	d4-2-Chlorophenol	73.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED4-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44C
LIMS ID: 09-12789
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 15:57
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 25.3%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**30**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**16 J**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**10 J**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**120**
120-12-7	**Anthracene**	**20**	**16 J**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**300**
129-00-0	**Pyrene**	**20**	**180**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**58**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**26**
218-01-9	**Chrysene**	**20**	**110**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**54**
207-08-9	**Benzo(k)fluoranthene**	**20**	**54**
50-32-8	**Benzo(a)pyrene**	**20**	**31**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**15 J**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**18 J**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.4%	2-Fluorobiphenyl	64.0%
d14-p-Terphenyl	72.0%	d4-1,2-Dichlorobenzene	52.8%
d5-Phenol	67.5%	2-Fluorophenol	57.9%
2,4,6-Tribromophenol	81.9%	d4-2-Chlorophenol	69.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED3-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 16:32
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 21.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	70	< 70 U
541-73-1	1,3-Dichlorobenzene	70	< 70 U
106-46-7	1,4-Dichlorobenzene	70	< 70 U
100-51-6	Benzyl Alcohol	70	< 70 U
95-50-1	1,2-Dichlorobenzene	70	< 70 U
95-48-7	2-Methylphenol	70	< 70 U
106-44-5	4-Methylphenol	70	< 70 U
67-72-1	Hexachloroethane	70	< 70 U
105-67-9	2,4-Dimethylphenol	70	< 70 U
65-85-0	Benzoic Acid	700	< 700 U
120-82-1	1,2,4-Trichlorobenzene	70	< 70 U
91-20-3	Naphthalene	70	< 70 U
87-68-3	Hexachlorobutadiene	70	< 70 U
91-57-6	2-Methylnaphthalene	70	< 70 U
131-11-3	Dimethylphthalate	70	< 70 U
208-96-8	Acenaphthylene	70	< 70 U
83-32-9	Acenaphthene	70	< 70 U
132-64-9	Dibenzofuran	70	< 70 U
84-66-2	Diethylphthalate	70	< 70 U
86-73-7	Fluorene	70	< 70 U
86-30-6	N-Nitrosodiphenylamine	70	< 70 U
118-74-1	Hexachlorobenzene	70	< 70 U
87-86-5	Pentachlorophenol	350	< 350 U
85-01-8	Phenanthrene	70	< 70 U
120-12-7	Anthracene	70	< 70 U
84-74-2	Di-n-Butylphthalate	70	< 70 U
206-44-0	Fluoranthene	70	< 70 U
129-00-0	Pyrene	70	< 70 U
85-68-7	Butylbenzylphthalate	70	< 70 U
56-55-3	Benzo(a)anthracene	70	< 70 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**70**	**50 J**
218-01-9	Chrysene	70	< 70 U
117-84-0	Di-n-Octyl phthalate	70	< 70 U
205-99-2	Benzo(b)fluoranthene	70	< 70 U
207-08-9	Benzo(k)fluoranthene	70	< 70 U
50-32-8	Benzo(a)pyrene	70	< 70 U
193-39-5	Indeno(1,2,3-cd)pyrene	70	< 70 U
53-70-3	Dibenz(a,h)anthracene	70	< 70 U
191-24-2	**Benzo(g,h,i)perylene**	**70**	**66 J**
90-12-0	1-Methylnaphthalene	70	< 70 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.2%	2-Fluorobiphenyl	66.5%
d14-p-Terphenyl	65.4%	d4-1,2-Dichlorobenzene	52.9%
d5-Phenol	62.0%	2-Fluorophenol	54.1%
2,4,6-Tribromophenol	77.3%	d4-2-Chlorophenol	61.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED3-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44E
LIMS ID: 09-12791
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 17:06
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 19.0 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 46.5%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	79	< 79 U
541-73-1	1,3-Dichlorobenzene	79	< 79 U
106-46-7	1,4-Dichlorobenzene	79	< 79 U
100-51-6	Benzyl Alcohol	79	< 79 U
95-50-1	1,2-Dichlorobenzene	79	< 79 U
95-48-7	2-Methylphenol	79	< 79 U
106-44-5	4-Methylphenol	79	< 79 U
67-72-1	Hexachloroethane	79	< 79 U
105-67-9	2,4-Dimethylphenol	79	< 79 U
65-85-0	Benzoic Acid	790	< 790 U
120-82-1	1,2,4-Trichlorobenzene	79	< 79 U
91-20-3	Naphthalene	79	< 79 U
87-68-3	Hexachlorobutadiene	79	< 79 U
91-57-6	2-Methylnaphthalene	79	< 79 U
131-11-3	Dimethylphthalate	79	< 79 U
208-96-8	Acenaphthylene	79	< 79 U
83-32-9	Acenaphthene	79	< 79 U
132-64-9	Dibenzofuran	79	< 79 U
84-66-2	Diethylphthalate	79	< 79 U
86-73-7	Fluorene	79	< 79 U
86-30-6	N-Nitrosodiphenylamine	79	< 79 U
118-74-1	Hexachlorobenzene	79	< 79 U
87-86-5	Pentachlorophenol	400	< 400 U
85-01-8	Phenanthrene	79	< 79 U
120-12-7	Anthracene	79	< 79 U
84-74-2	Di-n-Butylphthalate	79	< 79 U
206-44-0	**Fluoranthene**	**79**	**66 J**
129-00-0	**Pyrene**	**79**	**55 J**
85-68-7	Butylbenzylphthalate	79	< 79 U
56-55-3	Benzo(a)anthracene	79	< 79 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**79**	**76 J**
218-01-9	**Chrysene**	**79**	**58 J**
117-84-0	Di-n-Octyl phthalate	79	< 79 U
205-99-2	Benzo(b)fluoranthene	79	< 79 U
207-08-9	Benzo(k)fluoranthene	79	< 79 U
50-32-8	Benzo(a)pyrene	79	< 79 U
193-39-5	Indeno(1,2,3-cd)pyrene	79	< 79 U
53-70-3	Dibenz(a,h)anthracene	79	< 79 U
191-24-2	Benzo(g,h,i)perylene	79	< 79 U
90-12-0	1-Methylnaphthalene	79	< 79 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	55.6%	2-Fluorobiphenyl	62.5%
d14-p-Terphenyl	64.8%	d4-1,2-Dichlorobenzene	43.0%
d5-Phenol	59.5%	2-Fluorophenol	52.2%
2,4,6-Tribromophenol	79.0%	d4-2-Chlorophenol	60.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED3-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44F
LIMS ID: 09-12792
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 17:41
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 20.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	74	< 74 U
541-73-1	1,3-Dichlorobenzene	74	< 74 U
106-46-7	1,4-Dichlorobenzene	74	< 74 U
100-51-6	Benzyl Alcohol	74	< 74 U
95-50-1	1,2-Dichlorobenzene	74	< 74 U
95-48-7	2-Methylphenol	74	< 74 U
106-44-5	4-Methylphenol	74	< 74 U
67-72-1	Hexachloroethane	74	< 74 U
105-67-9	2,4-Dimethylphenol	74	< 74 U
65-85-0	Benzoic Acid	740	< 740 U
120-82-1	1,2,4-Trichlorobenzene	74	< 74 U
91-20-3	Naphthalene	74	< 74 U
87-68-3	Hexachlorobutadiene	74	< 74 U
91-57-6	2-Methylnaphthalene	74	< 74 U
131-11-3	Dimethylphthalate	74	< 74 U
208-96-8	Acenaphthylene	74	< 74 U
83-32-9	Acenaphthene	74	< 74 U
132-64-9	Dibenzofuran	74	< 74 U
84-66-2	Diethylphthalate	74	< 74 U
86-73-7	Fluorene	74	< 74 U
86-30-6	N-Nitrosodiphenylamine	74	< 74 U
118-74-1	Hexachlorobenzene	74	< 74 U
87-86-5	Pentachlorophenol	370	< 370 U
85-01-8	Phenanthrene	74	< 74 U
120-12-7	Anthracene	74	< 74 U
84-74-2	Di-n-Butylphthalate	74	< 74 U
206-44-0	**Fluoranthene**	**74**	**48 J**
129-00-0	**Pyrene**	**74**	**41 J**
85-68-7	Butylbenzylphthalate	74	< 74 U
56-55-3	Benzo(a)anthracene	74	< 74 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**74**	**86**
218-01-9	**Chrysene**	**74**	**47 J**
117-84-0	Di-n-Octyl phthalate	74	< 74 U
205-99-2	Benzo(b)fluoranthene	74	< 74 U
207-08-9	Benzo(k)fluoranthene	74	< 74 U
50-32-8	Benzo(a)pyrene	74	< 74 U
193-39-5	Indeno(1,2,3-cd)pyrene	74	< 74 U
53-70-3	Dibenz(a,h)anthracene	74	< 74 U
191-24-2	Benzo(g,h,i)perylene	74	< 74 U
90-12-0	1-Methylnaphthalene	74	< 74 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.9%	2-Fluorobiphenyl	65.5%
d14-p-Terphenyl	64.6%	d4-1,2-Dichlorobenzene	48.0%
d5-Phenol	63.2%	2-Fluorophenol	55.4%
2,4,6-Tribromophenol	81.6%	d4-2-Chlorophenol	63.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED6-A
SAMPLE

Lab Sample ID: PB44G
LIMS ID: 09-12793
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 18:15
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 26.0 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	< 19 U
541-73-1	1,3-Dichlorobenzene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
100-51-6	Benzyl Alcohol	19	< 19 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
95-48-7	2-Methylphenol	19	< 19 U
106-44-5	4-Methylphenol	19	< 19 U
67-72-1	Hexachloroethane	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
65-85-0	Benzoic Acid	190	< 190 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
91-20-3	Naphthalene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
91-57-6	2-Methylnaphthalene	19	< 19 U
131-11-3	Dimethylphthalate	19	< 19 U
208-96-8	Acenaphthylene	19	< 19 U
83-32-9	Acenaphthene	19	< 19 U
132-64-9	Dibenzofuran	19	< 19 U
84-66-2	Diethylphthalate	19	< 19 U
86-73-7	Fluorene	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-86-5	Pentachlorophenol	96	< 96 U
85-01-8	Phenanthrene	19	< 19 U
120-12-7	Anthracene	19	< 19 U
84-74-2	Di-n-Butylphthalate	19	< 19 U
206-44-0	Fluoranthene	19	< 19 U
129-00-0	Pyrene	19	< 19 U
85-68-7	Butylbenzylphthalate	19	< 19 U
56-55-3	Benzo(a)anthracene	19	< 19 U
117-81-7	bis(2-Ethylhexyl)phthalate	19	< 19 U
218-01-9	Chrysene	19	< 19 U
117-84-0	Di-n-Octyl phthalate	19	< 19 U
205-99-2	Benzo(b)fluoranthene	19	< 19 U
207-08-9	Benzo(k)fluoranthene	19	< 19 U
50-32-8	Benzo(a)pyrene	19	< 19 U
193-39-5	Indeno(1,2,3-cd)pyrene	19	< 19 U
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
191-24-2	Benzo(g,h,i)perylene	19	< 19 U
90-12-0	1-Methylnaphthalene	19	< 19 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.8%	2-Fluorobiphenyl	69.2%
d14-p-Terphenyl	78.4%	d4-1,2-Dichlorobenzene	59.6%
d5-Phenol	69.1%	2-Fluorophenol	59.7%
2,4,6-Tribromophenol	89.1%	d4-2-Chlorophenol	69.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 18:49
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.8%	2-Fluorobiphenyl	63.6%
d14-p-Terphenyl	73.2%	d4-1,2-Dichlorobenzene	55.6%
d5-Phenol	60.3%	2-Fluorophenol	56.5%
2,4,6-Tribromophenol	81.1%	d4-2-Chlorophenol	61.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED6-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 19:24
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.9 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	< 19 U
541-73-1	1,3-Dichlorobenzene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
100-51-6	Benzyl Alcohol	19	< 19 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
95-48-7	2-Methylphenol	19	< 19 U
106-44-5	4-Methylphenol	19	< 19 U
67-72-1	Hexachloroethane	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
65-85-0	Benzoic Acid	190	< 190 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
91-20-3	Naphthalene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
91-57-6	2-Methylnaphthalene	19	< 19 U
131-11-3	Dimethylphthalate	19	< 19 U
208-96-8	Acenaphthylene	19	< 19 U
83-32-9	Acenaphthene	19	< 19 U
132-64-9	Dibenzofuran	19	< 19 U
84-66-2	Diethylphthalate	19	< 19 U
86-73-7	Fluorene	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
118-74-1	**Hexachlorobenzene**	**19**	**47**
87-86-5	Pentachlorophenol	96	< 96 U
85-01-8	Phenanthrene	19	< 19 U
120-12-7	Anthracene	19	< 19 U
84-74-2	Di-n-Butylphthalate	19	< 19 U
206-44-0	**Fluoranthene**	**19**	**10 J**
129-00-0	Pyrene	19	< 19 U
85-68-7	Butylbenzylphthalate	19	< 19 U
56-55-3	Benzo(a)anthracene	19	< 19 U
117-81-7	bis(2-Ethylhexyl)phthalate	19	< 19 U
218-01-9	**Chrysene**	**19**	**11 J**
117-84-0	Di-n-Octyl phthalate	19	< 19 U
205-99-2	Benzo(b)fluoranthene	19	< 19 U
207-08-9	Benzo(k)fluoranthene	19	< 19 U
50-32-8	Benzo(a)pyrene	19	< 19 U
193-39-5	Indeno(1,2,3-cd)pyrene	19	< 19 U
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
191-24-2	Benzo(g,h,i)perylene	19	< 19 U
90-12-0	1-Methylnaphthalene	19	< 19 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.0%	2-Fluorobiphenyl	66.0%
d14-p-Terphenyl	74.4%	d4-1,2-Dichlorobenzene	54.4%
d5-Phenol	64.8%	2-Fluorophenol	58.1%
2,4,6-Tribromophenol	84.5%	d4-2-Chlorophenol	64.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED7-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44J
LIMS ID: 09-12796
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 21:08
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 24.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 27.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
106-46-7	1,4-Dichlorobenzene	62	< 62 U
100-51-6	Benzyl Alcohol	62	< 62 U
95-50-1	1,2-Dichlorobenzene	62	< 62 U
95-48-7	2-Methylphenol	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
105-67-9	2,4-Dimethylphenol	62	< 62 U
65-85-0	Benzoic Acid	620	< 620 U
120-82-1	1,2,4-Trichlorobenzene	62	< 62 U
91-20-3	Naphthalene	62	< 62 U
87-68-3	Hexachlorobutadiene	62	< 62 U
91-57-6	2-Methylnaphthalene	62	< 62 U
131-11-3	Dimethylphthalate	62	< 62 U
208-96-8	Acenaphthylene	62	< 62 U
83-32-9	Acenaphthene	62	< 62 U
132-64-9	Dibenzofuran	62	< 62 U
84-66-2	Diethylphthalate	62	< 62 U
86-73-7	Fluorene	62	< 62 U
86-30-6	N-Nitrosodiphenylamine	62	< 62 U
118-74-1	Hexachlorobenzene	62	< 62 U
87-86-5	Pentachlorophenol	310	< 310 U
85-01-8	**Phenanthrene**	**62**	**100**
120-12-7	Anthracene	62	< 62 U
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	**Fluoranthene**	**62**	**98**
129-00-0	**Pyrene**	**62**	**71**
85-68-7	Butylbenzylphthalate	62	< 62 U
56-55-3	Benzo(a)anthracene	62	< 62 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**62**	**98**
218-01-9	**Chrysene**	**62**	**70**
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	**Benzo(b)fluoranthene**	**62**	**36 J**
207-08-9	**Benzo(k)fluoranthene**	**62**	**36 J**
50-32-8	Benzo(a)pyrene	62	< 62 U
193-39-5	Indeno(1,2,3-cd)pyrene	62	< 62 U
53-70-3	Dibenz(a,h)anthracene	62	< 62 U
191-24-2	**Benzo(g,h,i)perylene**	**62**	**46 J**
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.8%	2-Fluorobiphenyl	71.0%
d14-p-Terphenyl	69.5%	d4-1,2-Dichlorobenzene	55.1%
d5-Phenol	60.3%	2-Fluorophenol	59.8%
2,4,6-Tribromophenol	86.4%	d4-2-Chlorophenol	62.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED7-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44K
LIMS ID: 09-12797
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 21:43
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 49.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**55**
120-12-7	**Anthracene**	**20**	**20**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**160**
129-00-0	**Pyrene**	**20**	**110**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**61**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**140**
218-01-9	**Chrysene**	**20**	**130**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**63**
207-08-9	**Benzo(k)fluoranthene**	**20**	**63**
50-32-8	**Benzo(a)pyrene**	**20**	**46**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**26**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**9.8 J**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**33**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.6%	2-Fluorobiphenyl	66.4%
d14-p-Terphenyl	67.2%	d4-1,2-Dichlorobenzene	48.4%
d5-Phenol	67.5%	2-Fluorophenol	57.9%
2,4,6-Tribromophenol	89.1%	d4-2-Chlorophenol	69.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED7-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44L
LIMS ID: 09-12798
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 22:18
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 49.4%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**73**
120-12-7	**Anthracene**	**20**	**28**
84-74-2	**Di-n-Butylphthalate**	**20**	**13 J**
206-44-0	**Fluoranthene**	**20**	**190**
129-00-0	**Pyrene**	**20**	**140**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**79**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**100**
218-01-9	**Chrysene**	**20**	**190**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**76**
207-08-9	**Benzo(k)fluoranthene**	**20**	**76**
50-32-8	**Benzo(a)pyrene**	**20**	**63**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**31**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**11 J**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**36**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.2%	2-Fluorobiphenyl	67.2%
d14-p-Terphenyl	66.4%	d4-1,2-Dichlorobenzene	48.4%
d5-Phenol	66.7%	2-Fluorophenol	56.8%
2,4,6-Tribromophenol	89.3%	d4-2-Chlorophenol	68.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED9-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44M
LIMS ID: 09-12799
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 22:53
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 54.0%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	**Benzyl Alcohol**	**20**	**46**
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	**Benzoic Acid**	**200**	**820**
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**19 J**
83-32-9	**Acenaphthene**	**20**	**18 J**
132-64-9	**Dibenzofuran**	**20**	**16 J**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**25**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	**Hexachlorobenzene**	**20**	**19 J**
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**180**
120-12-7	**Anthracene**	**20**	**61**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**530**
129-00-0	**Pyrene**	**20**	**320**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**160**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**160**
218-01-9	**Chrysene**	**20**	**270**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**130**
207-08-9	**Benzo(k)fluoranthene**	**20**	**130**
50-32-8	**Benzo(a)pyrene**	**20**	**94**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**46**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**18 J**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**53**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.2%	2-Fluorobiphenyl	66.0%
d14-p-Terphenyl	67.2%	d4-1,2-Dichlorobenzene	44.4%
d5-Phenol	66.4%	2-Fluorophenol	56.3%
2,4,6-Tribromophenol	87.7%	d4-2-Chlorophenol	65.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED9-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44N
LIMS ID: 09-12800
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 23:28
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 48.2%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	59	< 59 U
541-73-1	1,3-Dichlorobenzene	59	< 59 U
106-46-7	1,4-Dichlorobenzene	59	< 59 U
100-51-6	Benzyl Alcohol	59	< 59 U
95-50-1	1,2-Dichlorobenzene	59	< 59 U
95-48-7	2-Methylphenol	59	< 59 U
106-44-5	4-Methylphenol	59	< 59 U
67-72-1	Hexachloroethane	59	< 59 U
105-67-9	2,4-Dimethylphenol	59	< 59 U
65-85-0	Benzoic Acid	590	< 590 U
120-82-1	1,2,4-Trichlorobenzene	59	< 59 U
91-20-3	Naphthalene	59	< 59 U
87-68-3	Hexachlorobutadiene	59	< 59 U
91-57-6	2-Methylnaphthalene	59	< 59 U
131-11-3	Dimethylphthalate	59	< 59 U
208-96-8	Acenaphthylene	59	< 59 U
83-32-9	Acenaphthene	59	< 59 U
132-64-9	Dibenzofuran	59	< 59 U
84-66-2	Diethylphthalate	59	< 59 U
86-73-7	Fluorene	59	< 59 U
86-30-6	N-Nitrosodiphenylamine	59	< 59 U
118-74-1	Hexachlorobenzene	59	< 59 U
87-86-5	Pentachlorophenol	300	< 300 U
85-01-8	**Phenanthrene**	**59**	**140**
120-12-7	**Anthracene**	**59**	**61**
84-74-2	Di-n-Butylphthalate	59	< 59 U
206-44-0	**Fluoranthene**	**59**	**700**
129-00-0	**Pyrene**	**59**	**470**
85-68-7	**Butylbenzylphthalate**	**59**	**51 J**
56-55-3	**Benzo(a)anthracene**	**59**	**260**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**59**	**120**
218-01-9	**Chrysene**	**59**	**390**
117-84-0	Di-n-Octyl phthalate	59	< 59 U
205-99-2	**Benzo(b)fluoranthene**	**59**	**190**
207-08-9	**Benzo(k)fluoranthene**	**59**	**190**
50-32-8	**Benzo(a)pyrene**	**59**	**130**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**59**	**58 J**
53-70-3	Dibenz(a,h)anthracene	59	< 59 U
191-24-2	**Benzo(g,h,i)perylene**	**59**	**67**
90-12-0	1-Methylnaphthalene	59	< 59 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.2%	2-Fluorobiphenyl	64.9%
d14-p-Terphenyl	66.1%	d4-1,2-Dichlorobenzene	47.8%
d5-Phenol	61.0%	2-Fluorophenol	57.1%
2,4,6-Tribromophenol	90.4%	d4-2-Chlorophenol	59.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED9-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44O
LIMS ID: 09-12801
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/17/09 00:03
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 36.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**9.7 J**
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	97	< 97 U
85-01-8	**Phenanthrene**	**20**	**41**
120-12-7	**Anthracene**	**20**	**21**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**190**
129-00-0	**Pyrene**	**20**	**140**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**79**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**50**
218-01-9	**Chrysene**	**20**	**130**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**71**
207-08-9	**Benzo(k)fluoranthene**	**20**	**71**
50-32-8	**Benzo(a)pyrene**	**20**	**67**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**35**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**16 J**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**35**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.2%	2-Fluorobiphenyl	67.6%
d14-p-Terphenyl	67.6%	d4-1,2-Dichlorobenzene	50.4%
d5-Phenol	65.9%	2-Fluorophenol	63.5%
2,4,6-Tribromophenol	93.3%	d4-2-Chlorophenol	65.9%

ANALYTICAL RESOURCES INCORPORATED

SW8270 SEMIVOLATILES SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	NBZ	FBP	TPH	DCB	PHL	2FP	TBP	2CP	TOT OUT
3SED4-A	58.8%	69.2%	74.8%	56.4%	68.3%	58.9%	84.8%	69.1%	0
3SED4-B	62.0%	72.0%	75.6%	56.0%	72.0%	61.1%	91.5%	73.9%	0
3SED4-C	58.4%	64.0%	72.0%	52.8%	67.5%	57.9%	81.9%	69.6%	0
3SED3-A	59.2%	66.5%	65.4%	52.9%	62.0%	54.1%	77.3%	61.6%	0
3SED3-B	55.6%	62.5%	64.8%	43.0%	59.5%	52.2%	79.0%	60.0%	0
3SED3-C	56.9%	65.5%	64.6%	48.0%	63.2%	55.4%	81.6%	63.0%	0
3SED6-A	60.8%	69.2%	78.4%	59.6%	69.1%	59.7%	89.1%	69.1%	0
3SED6-B	56.8%	63.6%	73.2%	55.6%	60.3%	56.5%	81.1%	61.3%	0
MB-061009	54.8%	59.6%	77.2%	56.8%	60.0%	54.1%	75.7%	60.5%	0
LCS-061009	56.0%	60.4%	75.6%	59.2%	64.0%	56.5%	81.3%	64.3%	0
3SED6-C	56.0%	66.0%	74.4%	54.4%	64.8%	58.1%	84.5%	64.8%	0
3SED6-C MS	58.8%	65.6%	71.2%	56.8%	68.0%	60.0%	87.2%	69.1%	0
3SED6-C MSD	58.4%	64.0%	71.6%	52.8%	67.7%	57.9%	87.2%	67.2%	0
3SED7-A	64.8%	71.0%	69.5%	55.1%	60.3%	59.8%	86.4%	62.6%	0
3SED7-B	57.6%	66.4%	67.2%	48.4%	67.5%	57.9%	89.1%	69.1%	0
3SED7-C	59.2%	67.2%	66.4%	48.4%	66.7%	56.8%	89.3%	68.0%	0
3SED9-A	59.2%	66.0%	67.2%	44.4%	66.4%	56.3%	87.7%	65.6%	0
3SED9-B	61.2%	64.9%	66.1%	47.8%	61.0%	57.1%	90.4%	59.7%	0
3SED9-C	61.2%	67.6%	67.6%	50.4%	65.9%	63.5%	93.3%	65.9%	0

	LCS/MB LIMITS	QC LIMITS
(NBZ) = d5-Nitrobenzene	(37-85)	(29-87)
(FBP) = 2-Fluorobiphenyl	(39-82)	(32-88)
(TPH) = d14-p-Terphenyl	(38-105)	(21-97)
(DCB) = d4-1,2-Dichlorobenzene	(33-79)	(25-82)
(PHL) = d5-Phenol	(40-85)	(29-85)
(2FP) = 2-Fluorophenol	(20-93)	(10-114)
(TBP) = 2,4,6-Tribromophenol	(40-96)	(25-103)
(2CP) = d4-2-Chlorophenol	(41-81)	(30-84)

Prep Method: SW3550B
Log Number Range: 09-12787 to 09-12801

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED6-C**
Page 1 of 1 **MS/MSD**

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted MS/MSD: 06/10/09

Date Analyzed MS: 06/16/09 19:58
MSD: 06/16/09 20:33
Instrument/Analyst MS: NT4/LJR
MSD: NT4/LJR
GPC Cleanup: YES

Sample Amount MS: 26.2 g-dry-wt
MSD: 25.8 g-dry-wt
Final Extract Volume MS: 0.5 mL
MSD: 0.5 mL
Dilution Factor MS: 1.00
MSD: 1.00
Percent Moisture: 14.5 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	< 19.3	321	476	67.4%	318	484	65.7%	0.9%
1,3-Dichlorobenzene	< 19.3	260	476	54.6%	257	484	53.1%	1.2%
1,4-Dichlorobenzene	< 19.3	271	476	56.9%	276	484	57.0%	1.8%
Benzyl Alcohol	< 19.3	613	952	64.4%	608	969	62.7%	0.8%
1,2-Dichlorobenzene	< 19.3	302	476	63.4%	300	484	62.0%	0.7%
2-Methylphenol	< 19.3	346	476	72.7%	328	484	67.8%	5.3%
4-Methylphenol	< 19.3	691	952	72.6%	700	969	72.2%	1.3%
Hexachloroethane	< 19.3	249	476	52.3%	248	484	51.2%	0.4%
2,4-Dimethylphenol	< 19.3	290	476	60.9%	295	484	61.0%	1.7%
Benzoic Acid	< 193	1110	1430	77.6%	777	1450	53.6%	35.3%
1,2,4-Trichlorobenzene	< 19.3	326	476	68.5%	320	484	66.1%	1.9%
Naphthalene	< 19.3	314	476	66.0%	317	484	65.5%	1.0%
Hexachlorobutadiene	< 19.3	354	476	74.4%	350	484	72.3%	1.1%
2-Methylnaphthalene	< 19.3	333	476	70.0%	341	484	70.5%	2.4%
Dimethylphthalate	< 19.3	379	476	79.6%	393	484	81.2%	3.6%
Acenaphthylene	< 19.3	332	476	69.7%	348	484	71.9%	4.7%
Acenaphthene	< 19.3	346	476	72.7%	353	484	72.9%	2.0%
Dibenzofuran	< 19.3	366	476	76.9%	370	484	76.4%	1.1%
Diethylphthalate	< 19.3	407	476	85.5%	411	484	84.9%	1.0%
Fluorene	< 19.3	410	476	86.1%	420	484	86.8%	2.4%
N-Nitrosodiphenylamine	< 19.3	366	476	76.9%	378	484	78.1%	3.2%
Hexachlorobenzene	46.7	423	476	79.1%	415	484	76.1%	1.9%
Pentachlorophenol	< 96.5	215	476	45.2%	218	484	45.0%	1.4%
Phenanthrene	< 19.3	401	476	84.2%	408	484	84.3%	1.7%
Anthracene	< 19.3	368	476	77.3%	385	484	79.5%	4.5%
Di-n-Butylphthalate	< 19.3	383	476	80.5%	390	484	80.6%	1.8%
Fluoranthene	10.0	406	476	83.2%	410	484	82.6%	1.0%
Pyrene	< 19.3	346	476	72.7%	351	484	72.5%	1.4%
Butylbenzylphthalate	< 19.3	349	476	73.3%	346	484	71.5%	0.9%
Benzo(a)anthracene	< 19.3	397	476	83.4%	403	484	83.3%	1.5%
bis(2-Ethylhexyl)phthalate	< 19.3	365	476	76.7%	365	484	75.4%	0.0%
Chrysene	11.0	401	476	81.9%	401	484	80.6%	0.0%
Di-n-Octyl phthalate	< 19.3	374	476	78.6%	375	484	77.5%	0.3%
Benzo(b)fluoranthene	< 19.3	418	476	87.8%	418	484	86.4%	0.0%
Benzo(k)fluoranthene	< 19.3	434	476	91.2%	443	484	91.5%	2.1%
Benzo(a)pyrene	< 19.3	393	476	82.6%	409	484	84.5%	4.0%
Indeno(1,2,3-cd)pyrene	< 19.3	409	476	85.9%	414	484	85.5%	1.2%
Dibenz(a,h)anthracene	< 19.3	421	476	88.4%	433	484	89.5%	2.8%
Benzo(g,h,i)perylene	< 19.3	381	476	80.0%	380	484	78.5%	0.3%
1-Methylnaphthalene	< 19.3	366	476	76.9%	370	484	76.4%	1.1%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED6-C**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 19:58
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 26.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	---
541-73-1	1,3-Dichlorobenzene	19	---
106-46-7	1,4-Dichlorobenzene	19	---
100-51-6	Benzyl Alcohol	19	---
95-50-1	1,2-Dichlorobenzene	19	---
95-48-7	2-Methylphenol	19	---
106-44-5	4-Methylphenol	19	---
67-72-1	Hexachloroethane	19	---
105-67-9	2,4-Dimethylphenol	19	---
65-85-0	Benzoic Acid	190	---
120-82-1	1,2,4-Trichlorobenzene	19	---
91-20-3	Naphthalene	19	---
87-68-3	Hexachlorobutadiene	19	---
91-57-6	2-Methylnaphthalene	19	---
131-11-3	Dimethylphthalate	19	---
208-96-8	Acenaphthylene	19	---
83-32-9	Acenaphthene	19	---
132-64-9	Dibenzofuran	19	---
84-66-2	Diethylphthalate	19	---
86-73-7	Fluorene	19	---
86-30-6	N-Nitrosodiphenylamine	19	---
118-74-1	Hexachlorobenzene	19	---
87-86-5	Pentachlorophenol	95	---
85-01-8	Phenanthrene	19	---
120-12-7	Anthracene	19	---
84-74-2	Di-n-Butylphthalate	19	---
206-44-0	Fluoranthene	19	---
129-00-0	Pyrene	19	---
85-68-7	Butylbenzylphthalate	19	---
56-55-3	Benzo(a)anthracene	19	---
117-81-7	bis(2-Ethylhexyl)phthalate	19	---
218-01-9	Chrysene	19	---
117-84-0	Di-n-Octyl phthalate	19	---
205-99-2	Benzo(b)fluoranthene	19	---
207-08-9	Benzo(k)fluoranthene	19	---
50-32-8	Benzo(a)pyrene	19	---
193-39-5	Indeno(1,2,3-cd)pyrene	19	---
53-70-3	Dibenz(a,h)anthracene	19	---
191-24-2	Benzo(g,h,i)perylene	19	---
90-12-0	1-Methylnaphthalene	19	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	65.6%
d14-p-Terphenyl	71.2%	d4-1,2-Dichlorobenzene	56.8%
d5-Phenol	68.0%	2-Fluorophenol	60.0%
2,4,6-Tribromophenol	87.2%	d4-2-Chlorophenol	69.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED6-C**
Page 1 of 1 **MATRIX SPIKE DUPLICATE**

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 20:33
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.8 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	---
541-73-1	1,3-Dichlorobenzene	19	---
106-46-7	1,4-Dichlorobenzene	19	---
100-51-6	Benzyl Alcohol	19	---
95-50-1	1,2-Dichlorobenzene	19	---
95-48-7	2-Methylphenol	19	---
106-44-5	4-Methylphenol	19	---
67-72-1	Hexachloroethane	19	---
105-67-9	2,4-Dimethylphenol	19	---
65-85-0	Benzoic Acid	190	---
120-82-1	1,2,4-Trichlorobenzene	19	---
91-20-3	Naphthalene	19	---
87-68-3	Hexachlorobutadiene	19	---
91-57-6	2-Methylnaphthalene	19	---
131-11-3	Dimethylphthalate	19	---
208-96-8	Acenaphthylene	19	---
83-32-9	Acenaphthene	19	---
132-64-9	Dibenzofuran	19	---
84-66-2	Diethylphthalate	19	---
86-73-7	Fluorene	19	---
86-30-6	N-Nitrosodiphenylamine	19	---
118-74-1	Hexachlorobenzene	19	---
87-86-5	Pentachlorophenol	97	---
85-01-8	Phenanthrene	19	---
120-12-7	Anthracene	19	---
84-74-2	Di-n-Butylphthalate	19	---
206-44-0	Fluoranthene	19	---
129-00-0	Pyrene	19	---
85-68-7	Butylbenzylphthalate	19	---
56-55-3	Benzo(a)anthracene	19	---
117-81-7	bis(2-Ethylhexyl)phthalate	19	---
218-01-9	Chrysene	19	---
117-84-0	Di-n-Octyl phthalate	19	---
205-99-2	Benzo(b)fluoranthene	19	---
207-08-9	Benzo(k)fluoranthene	19	---
50-32-8	Benzo(a)pyrene	19	---
193-39-5	Indeno(1,2,3-cd)pyrene	19	---
53-70-3	Dibenz(a,h)anthracene	19	---
191-24-2	Benzo(g,h,i)perylene	19	---
90-12-0	1-Methylnaphthalene	19	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.4%	2-Fluorobiphenyl	64.0%
d14-p-Terphenyl	71.6%	d4-1,2-Dichlorobenzene	52.8%
d5-Phenol	67.7%	2-Fluorophenol	57.9%
2,4,6-Tribromophenol	87.2%	d4-2-Chlorophenol	67.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: LCS-061009**
 LAB CONTROL

Lab Sample ID: LCS-061009 QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
LIMS ID: 09-12795 Project: JELD-WEN NORD DOOR
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09 Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09 Sample Amount: 25.0 g
Date Analyzed: 06/16/09 14:14 Final Extract Volume: 0.5 mL
Instrument/Analyst: NT4/LJR Dilution Factor: 1.00
GPC Cleanup: YES Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Phenol	299	500	59.8%
1,3-Dichlorobenzene	283	500	56.6%
1,4-Dichlorobenzene	292	500	58.4%
Benzyl Alcohol	628	1000	62.8%
1,2-Dichlorobenzene	317	500	63.4%
2-Methylphenol	325	500	65.0%
4-Methylphenol	687	1000	68.7%
Hexachloroethane	298	500	59.6%
2,4-Dimethylphenol	235	500	47.0%
Benzoic Acid	1060	1500	70.7%
1,2,4-Trichlorobenzene	308	500	61.6%
Naphthalene	316	500	63.2%
Hexachlorobutadiene	334	500	66.8%
2-Methylnaphthalene	326	500	65.2%
Dimethylphthalate	387	500	77.4%
Acenaphthylene	329	500	65.8%
Acenaphthene	336	500	67.2%
Dibenzofuran	347	500	69.4%
Diethylphthalate	403	500	80.6%
Fluorene	392	500	78.4%
N-Nitrosodiphenylamine	355	500	71.0%
Hexachlorobenzene	385	500	77.0%
Pentachlorophenol	366	500	73.2%
Phenanthrene	396	500	79.2%
Anthracene	371	500	74.2%
Di-n-Butylphthalate	432	500	86.4%
Fluoranthene	440	500	88.0%
Pyrene	383	500	76.6%
Butylbenzylphthalate	399	500	79.8%
Benzo(a)anthracene	401	500	80.2%
bis(2-Ethylhexyl)phthalate	406	500	81.2%
Chrysene	399	500	79.8%
Di-n-Octyl phthalate	395	500	79.0%
Benzo(b)fluoranthene	471	500	94.2%
Benzo(k)fluoranthene	456	500	91.2%
Benzo(a)pyrene	405	500	81.0%
Indeno(1,2,3-cd)pyrene	408	500	81.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: LCS-061009**
Page 2 of 2 **LAB CONTROL**

Lab Sample ID: LCS-061009 QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
LIMS ID: 09-12795 Project: JELD-WEN NORD DOOR
Matrix: Sediment
Date Analyzed: 06/16/09 14:14

Analyte	Lab Control	Spike Added	Recovery
Dibenz(a,h)anthracene	424	500	84.8%
Benzo(g,h,i)perylene	371	500	74.2%
1-Methylnaphthalene	357	500	71.4%

Semivolatile Surrogate Recovery	
d5-Nitrobenzene	56.0%
2-Fluorobiphenyl	60.4%
d14-p-Terphenyl	75.6%
d4-1,2-Dichlorobenzene	59.2%
d5-Phenol	64.0%
2-Fluorophenol	56.5%
2,4,6-Tribromophenol	81.3%
d4-2-Chlorophenol	64.3%

Results reported in µg/kg

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB44MBS1

Lab Name: ANALYTICAL RESOURCES, INC — Client: ESC

ARI Job No: PB44 — Project: JELD-WEN NORD DOOR

Lab File ID: PB44MB — Date Extracted: 06/10/09

Instrument ID: NT4 — Date Analyzed: 06/16/09

Matrix: SOLID — Time Analyzed: 1340

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PB44LCSS1	PB44LCSS1	PB44SB	06/16/09
02	3SED4-A	PB44A	PB44A	06/16/09
03	3SED4-B	PB44B	PB44B	06/16/09
04	3SED4-C	PB44C	PB44C	06/16/09
05	3SED3-A	PB44D	PB44D	06/16/09
06	3SED3-B	PB44E	PB44E	06/16/09
07	3SED3-C	PB44F	PB44F	06/16/09
08	3SED6-A	PB44G	PB44G	06/16/09
09	3SED6-B	PB44H	PB44H	06/16/09
10	3SED6-C	PB44I	PB44I	06/16/09
11	3SED6-C MS	PB44IMS	PB44IMS	06/16/09
12	3SED6-C MSD	PB44IMSD	PB44IMD	06/16/09
13	3SED7-A	PB44J	PB44J	06/16/09
14	3SED7-B	PB44K	PB44K	06/16/09
15	3SED7-C	PB44L	PB44L	06/16/09
16	3SED9-A	PB44M	PB44M	06/16/09
17	3SED9-B	PB44N	PB44N	06/16/09
18	3SED9-C	PB44O	PB44O	06/17/09
19				
20				
21				
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23				
24				
25				
26				
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28				
29				
30				

COMMENTS:

FORM IV SV

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: MB-061009
METHOD BLANK

Lab Sample ID: MB-061009
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 13:40
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	54.8%	2-Fluorobiphenyl	59.6%
d14-p-Terphenyl	77.2%	d4-1,2-Dichlorobenzene	56.8%
d5-Phenol	60.0%	2-Fluorophenol	54.1%
2,4,6-Tribromophenol	75.7%	d4-2-Chlorophenol	60.5%

SIM SEMIVOLATILE ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED4-A**
SAMPLE
Page 1 of 1

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 12:33
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 17.1%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	83.6%	d5-Phenol	71.5%
2-Fluorophenol	69.9%	d4-2-Chlorophenol	78.4%
d4-1,2-Dichlorobenzene	66.4%	d5-Nitrobenzene	70.8%
2,4,6-Tribromophenol	94.7%	d14-p-Terphenyl	98.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED4-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44B
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 13:07
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.5%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	85.6%	d5-Phenol	73.3%
2-Fluorophenol	70.1%	d4-2-Chlorophenol	79.2%
d4-1,2-Dichlorobenzene	66.8%	d5-Nitrobenzene	70.8%
2,4,6-Tribromophenol	92.8%	d14-p-Terphenyl	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED4-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44C
LIMS ID: 09-12789
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 13:41
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 25.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.4%	d5-Phenol	71.5%
2-Fluorophenol	67.2%	d4-2-Chlorophenol	76.3%
d4-1,2-Dichlorobenzene	65.2%	d5-Nitrobenzene	68.4%
2,4,6-Tribromophenol	91.5%	d14-p-Terphenyl	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 14:16
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 17.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**5.8**	**14**
106-46-7	1,4-Dichlorobenzene	5.8	< 5.8 U
120-82-1	1,2,4-Trichlorobenzene	5.8	< 5.8 U
118-74-1	Hexachlorobenzene	5.8	< 5.8 U
87-68-3	Hexachlorobutadiene	5.8	< 5.8 U
131-11-3	Dimethylphthalate	14	< 14 U
85-68-7	Butylbenzylphthalate	14	< 14 U
95-48-7	2-Methylphenol	5.8	< 5.8 U
105-67-9	2,4-Dimethylphenol	5.8	< 5.8 U
86-30-6	N-Nitrosodiphenylamine	5.8	< 5.8 U
100-51-6	Benzyl Alcohol	29	< 29 U
87-86-5	**Pentachlorophenol**	**29**	**110**
95-50-1	1,2-Dichlorobenzene	5.8	< 5.8 U
541-73-1	1,3-Dichlorobenzene	5.8	< 5.8 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.8%	d5-Phenol	74.4%
2-Fluorophenol	69.9%	d4-2-Chlorophenol	77.9%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	72.4%
2,4,6-Tribromophenol	108%	d14-p-Terphenyl	149%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-A**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 16:06
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 17.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	17	< 17 U
106-46-7	1,4-Dichlorobenzene	17	< 17 U
120-82-1	1,2,4-Trichlorobenzene	17	< 17 U
118-74-1	Hexachlorobenzene	17	< 17 U
87-68-3	Hexachlorobutadiene	17	< 17 U
131-11-3	Dimethylphthalate	43	< 43 U
85-68-7	Butylbenzylphthalate	43	< 43 U
95-48-7	2-Methylphenol	17	< 17 U
105-67-9	2,4-Dimethylphenol	17	< 17 U
86-30-6	N-Nitrosodiphenylamine	17	< 17 U
100-51-6	Benzyl Alcohol	86	< 86 U
87-86-5	**Pentachlorophenol**	**86**	**100**
95-50-1	1,2-Dichlorobenzene	17	< 17 U
541-73-1	1,3-Dichlorobenzene	17	< 17 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	87.6%	d5-Phenol	76.0%
2-Fluorophenol	78.4%	d4-2-Chlorophenol	80.8%
d4-1,2-Dichlorobenzene	69.6%	d5-Nitrobenzene	80.4%
2,4,6-Tribromophenol	94.4%	d14-p-Terphenyl	121%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44E
LIMS ID: 09-12791
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 16:32
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 46.5%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.1**	**6.1**
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	**Butylbenzylphthalate**	**15**	**28**
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.8%	d5-Phenol	75.2%
2-Fluorophenol	73.6%	d4-2-Chlorophenol	97.1%
d4-1,2-Dichlorobenzene	66.0%	d5-Nitrobenzene	75.2%
2,4,6-Tribromophenol	98.7%	d14-p-Terphenyl	148%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-B**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44E
LIMS ID: 09-12791
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 16:40
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 46.5%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	91	< 91 U
87-86-5	Pentachlorophenol	91	< 91 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.8%	d5-Phenol	71.2%
2-Fluorophenol	72.0%	d4-2-Chlorophenol	76.8%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	73.2%
2,4,6-Tribromophenol	94.4%	d14-p-Terphenyl	113%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44F
LIMS ID: 09-12792
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 17:07
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.0**	**7.8**
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.0%	d5-Phenol	55.2%
2-Fluorophenol	53.3%	d4-2-Chlorophenol	59.5%
d4-1,2-Dichlorobenzene	48.8%	d5-Nitrobenzene	55.2%
2,4,6-Tribromophenol	69.9%	d14-p-Terphenyl	111%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-C**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44F
LIMS ID: 09-12792
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 17:14
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	45	< 45 U
85-68-7	Butylbenzylphthalate	45	< 45 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	90	< 90 U
87-86-5	Pentachlorophenol	90	< 90 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	61.2%	d5-Phenol	51.2%
2-Fluorophenol	52.8%	d4-2-Chlorophenol	64.0%
d4-1,2-Dichlorobenzene	46.8%	d5-Nitrobenzene	54.0%
2,4,6-Tribromophenol	63.2%	d14-p-Terphenyl	85.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44G
LIMS ID: 09-12793
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 17:41
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	80.8%	d5-Phenol	73.3%
2-Fluorophenol	73.6%	d4-2-Chlorophenol	92.0%
d4-1,2-Dichlorobenzene	70.8%	d5-Nitrobenzene	73.6%
2,4,6-Tribromophenol	91.7%	d14-p-Terphenyl	161%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-A**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44G
LIMS ID: 09-12793
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 17:48
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	45	< 45 U
85-68-7	Butylbenzylphthalate	45	< 45 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	90	< 90 U
87-86-5	Pentachlorophenol	90	< 90 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	76.8%	d5-Phenol	70.4%
2-Fluorophenol	72.0%	d4-2-Chlorophenol	84.8%
d4-1,2-Dichlorobenzene	67.2%	d5-Nitrobenzene	72.0%
2,4,6-Tribromophenol	95.2%	d14-p-Terphenyl	131%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 18:15
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	5.9	< 5.9 U
106-46-7	1,4-Dichlorobenzene	5.9	< 5.9 U
120-82-1	1,2,4-Trichlorobenzene	5.9	< 5.9 U
118-74-1	Hexachlorobenzene	5.9	< 5.9 U
87-68-3	Hexachlorobutadiene	5.9	< 5.9 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	5.9	< 5.9 U
105-67-9	2,4-Dimethylphenol	5.9	< 5.9 U
86-30-6	N-Nitrosodiphenylamine	5.9	< 5.9 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	5.9	< 5.9 U
541-73-1	1,3-Dichlorobenzene	5.9	< 5.9 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	74.8%	d5-Phenol	67.5%
2-Fluorophenol	68.8%	d4-2-Chlorophenol	84.5%
d4-1,2-Dichlorobenzene	68.8%	d5-Nitrobenzene	68.4%
2,4,6-Tribromophenol	86.4%	d14-p-Terphenyl	144%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 18:23
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	44	< 44 U
85-68-7	Butylbenzylphthalate	44	< 44 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	89	< 89 U
87-86-5	Pentachlorophenol	89	< 89 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	76.8%	d5-Phenol	67.2%
2-Fluorophenol	69.6%	d4-2-Chlorophenol	81.6%
d4-1,2-Dichlorobenzene	67.2%	d5-Nitrobenzene	68.4%
2,4,6-Tribromophenol	77.6%	d14-p-Terphenyl	120%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 19:58
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	**Hexachlorobenzene**	**6.0**	**110**
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.0%	d5-Phenol	68.3%
2-Fluorophenol	70.7%	d4-2-Chlorophenol	88.3%
d4-1,2-Dichlorobenzene	68.4%	d5-Nitrobenzene	67.6%
2,4,6-Tribromophenol	89.6%	d14-p-Terphenyl	156%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-C**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 20:06
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	**Hexachlorobenzene**	**18**	**100**
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	45	< 45 U
85-68-7	Butylbenzylphthalate	45	< 45 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	89	< 89 U
87-86-5	Pentachlorophenol	89	< 89 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	79.2%	d5-Phenol	70.4%
2-Fluorophenol	70.4%	d4-2-Chlorophenol	85.6%
d4-1,2-Dichlorobenzene	68.4%	d5-Nitrobenzene	73.2%
2,4,6-Tribromophenol	80.8%	d14-p-Terphenyl	126%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44J
LIMS ID: 09-12796
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 20:33
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 17.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 27.3%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**5.8**	**8.7**
106-46-7	1,4-Dichlorobenzene	5.8	< 5.8 U
120-82-1	1,2,4-Trichlorobenzene	5.8	< 5.8 U
118-74-1	Hexachlorobenzene	5.8	< 5.8 U
87-68-3	Hexachlorobutadiene	5.8	< 5.8 U
131-11-3	Dimethylphthalate	14	< 14 U
85-68-7	**Butylbenzylphthalate**	**14**	**17**
95-48-7	2-Methylphenol	5.8	< 5.8 U
105-67-9	2,4-Dimethylphenol	5.8	< 5.8 U
86-30-6	N-Nitrosodiphenylamine	5.8	< 5.8 U
100-51-6	Benzyl Alcohol	29	< 29 U
87-86-5	Pentachlorophenol	29	< 29 U
95-50-1	1,2-Dichlorobenzene	5.8	< 5.8 U
541-73-1	1,3-Dichlorobenzene	5.8	< 5.8 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	81.2%	d5-Phenol	71.2%
2-Fluorophenol	69.6%	d4-2-Chlorophenol	90.4%
d4-1,2-Dichlorobenzene	62.4%	d5-Nitrobenzene	66.4%
2,4,6-Tribromophenol	103%	d14-p-Terphenyl	179%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-A**
DILUTION

Lab Sample ID: PB44J
LIMS ID: 09-12796
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 20:40
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 17.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 27.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	17	< 17 U
106-46-7	1,4-Dichlorobenzene	17	< 17 U
120-82-1	1,2,4-Trichlorobenzene	17	< 17 U
118-74-1	Hexachlorobenzene	17	< 17 U
87-68-3	Hexachlorobutadiene	17	< 17 U
131-11-3	Dimethylphthalate	44	< 44 U
85-68-7	Butylbenzylphthalate	44	< 44 U
95-48-7	2-Methylphenol	17	< 17 U
105-67-9	2,4-Dimethylphenol	17	< 17 U
86-30-6	N-Nitrosodiphenylamine	17	< 17 U
100-51-6	Benzyl Alcohol	87	< 87 U
87-86-5	Pentachlorophenol	87	< 87 U
95-50-1	1,2-Dichlorobenzene	17	< 17 U
541-73-1	1,3-Dichlorobenzene	17	< 17 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	79.2%	d5-Phenol	69.6%
2-Fluorophenol	68.0%	d4-2-Chlorophenol	87.2%
d4-1,2-Dichlorobenzene	58.8%	d5-Nitrobenzene	66.0%
2,4,6-Tribromophenol	96.0%	d14-p-Terphenyl	121%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44K
LIMS ID: 09-12797
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 21:08
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 49.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	65.2%	d5-Phenol	67.7%
2-Fluorophenol	65.1%	d4-2-Chlorophenol	86.7%
d4-1,2-Dichlorobenzene	56.4%	d5-Nitrobenzene	76.4%
2,4,6-Tribromophenol	89.9%	d14-p-Terphenyl	150%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-B**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44K
LIMS ID: 09-12797
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 21:15
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 49.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	92	< 92 U
87-86-5	Pentachlorophenol	92	< 92 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	69.6%	d5-Phenol	60.0%
2-Fluorophenol	64.0%	d4-2-Chlorophenol	68.0%
d4-1,2-Dichlorobenzene	54.0%	d5-Nitrobenzene	70.8%
2,4,6-Tribromophenol	80.0%	d14-p-Terphenyl	113%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44L
LIMS ID: 09-12798
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 21:43
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 49.4%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.1**	**13**
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	**Butylbenzylphthalate**	**15**	**20**
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	76.8%	d5-Phenol	75.7%
2-Fluorophenol	74.7%	d4-2-Chlorophenol	97.1%
d4-1,2-Dichlorobenzene	64.0%	d5-Nitrobenzene	82.8%
2,4,6-Tribromophenol	98.9%	d14-p-Terphenyl	170%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-C**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44L
LIMS ID: 09-12798
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 21:49
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 49.4%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	91	< 91 U
87-86-5	Pentachlorophenol	91	< 91 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	81.6%	d5-Phenol	70.4%
2-Fluorophenol	72.8%	d4-2-Chlorophenol	76.8%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	78.0%
2,4,6-Tribromophenol	105%	d14-p-Terphenyl	119%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44M
LIMS ID: 09-12799
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 22:17
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 54.0%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.2**	**19**
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	**Dimethylphthalate**	**16**	**24**
85-68-7	**Butylbenzylphthalate**	**16**	**51**
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
541-73-1	1,3-Dichlorobenzene	6.2	< 6.2 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.4%	d5-Phenol	76.8%
2-Fluorophenol	73.1%	d4-2-Chlorophenol	98.1%
d4-1,2-Dichlorobenzene	56.8%	d5-Nitrobenzene	93.2%
2,4,6-Tribromophenol	98.9%	d14-p-Terphenyl	180%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-A**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44M
LIMS ID: 09-12799
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 22:23
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 54.0%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
131-11-3	Dimethylphthalate	47	< 47 U
85-68-7	Butylbenzylphthalate	47	< 47 U
95-48-7	2-Methylphenol	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
100-51-6	Benzyl Alcohol	93	< 93 U
87-86-5	Pentachlorophenol	93	< 93 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
541-73-1	1,3-Dichlorobenzene	19	< 19 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	79.2%	d5-Phenol	69.6%
2-Fluorophenol	68.8%	d4-2-Chlorophenol	74.4%
d4-1,2-Dichlorobenzene	54.0%	d5-Nitrobenzene	91.2%
2,4,6-Tribromophenol	92.0%	d14-p-Terphenyl	128%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44N
LIMS ID: 09-12800
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 22:52
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 48.2%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.1**	**19**
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	**Butylbenzylphthalate**	**15**	**48**
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	**Pentachlorophenol**	**30**	**42**
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	74.8%	d5-Phenol	73.1%
2-Fluorophenol	70.7%	d4-2-Chlorophenol	95.7%
d4-1,2-Dichlorobenzene	58.8%	d5-Nitrobenzene	80.0%
2,4,6-Tribromophenol	92.5%	d14-p-Terphenyl	169%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-B**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44N
LIMS ID: 09-12800
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 22:58
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 48.2%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	91	< 91 U
87-86-5	Pentachlorophenol	91	< 91 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	78.0%	d5-Phenol	68.8%
2-Fluorophenol	68.8%	d4-2-Chlorophenol	73.6%
d4-1,2-Dichlorobenzene	56.4%	d5-Nitrobenzene	74.4%
2,4,6-Tribromophenol	88.0%	d14-p-Terphenyl	125%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB440
LIMS ID: 09-12801
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 23:27
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.8%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.1**	**6.1**
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	**Dimethylphthalate**	**15**	**20**
85-68-7	**Butylbenzylphthalate**	**15**	**92**
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	80.8%	d5-Phenol	76.5%
2-Fluorophenol	74.9%	d4-2-Chlorophenol	101%
d4-1,2-Dichlorobenzene	69.2%	d5-Nitrobenzene	85.2%
2,4,6-Tribromophenol	98.7%	d14-p-Terphenyl	188%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-C**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB440
LIMS ID: 09-12801
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 23:32
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 36.8%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	**Butylbenzylphthalate**	**46**	**69**
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	91	< 91 U
87-86-5	Pentachlorophenol	91	< 91 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	81.6%	d5-Phenol	70.4%
2-Fluorophenol	68.8%	d4-2-Chlorophenol	76.8%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	78.0%
2,4,6-Tribromophenol	92.0%	d14-p-Terphenyl	130%

ANALYTICAL RESOURCES INCORPORATED

SIM SW8270 SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	FBP	PHL	FPH	CPL	DCB	NBZ	TBP	TER	TOT OU
3SED4-A	83.6%	71.5%	69.9%	78.4%	66.4%	70.8%	94.7%	98.8%	0
3SED4-B	85.6%	73.3%	70.1%	79.2%	66.8%	70.8%	92.8%	102%	0
3SED4-C	82.4%	71.5%	67.2%	76.3%	65.2%	68.4%	91.5%	104%	0
3SED3-A	82.8%	74.4%	69.9%	77.9%	63.6%	72.4%	108%	149%	0
3SED3-A DL	87.6%	76.0%	78.4%	80.8%	69.6%	80.4%	94.4%	121%	0
3SED3-B	82.8%	75.2%	73.6%	97.1%	66.0%	75.2%	98.7%	148%	0
3SED3-B DL	82.8%	71.2%	72.0%	76.8%	61.2%	73.2%	94.4%	113%	0
3SED3-C	56.0%	55.2%	53.3%	59.5%	48.8%	55.2%	69.9%	111%	0
3SED3-C DL	61.2%	51.2%	52.8%	64.0%	46.8%	54.0%	63.2%	85.2%	0
3SED6-A	80.8%	73.3%	73.6%	92.0%	70.8%	73.6%	91.7%	161%*	1
3SED6-A DL	76.8%	70.4%	72.0%	84.8%	67.2%	72.0%	95.2%	131%	0
MB-060909	63.2%	57.1%	55.7%	66.1%	56.4%	60.8%	64.5%	88.0%	0
LCS-060909	76.0%	68.3%	66.4%	69.6%	68.0%	71.2%	91.2%	95.2%	0
3SED6-B	74.8%	67.5%	68.8%	84.5%	68.8%	68.4%	86.4%	144%	0
3SED6-B DL	76.8%	67.2%	69.6%	81.6%	67.2%	68.4%	77.6%	120%	0
3SED6-B MS	79.6%	75.7%	72.8%	92.3%	70.0%	74.0%	105%	160%	0
3SED6-B MSD	74.4%	70.9%	71.5%	86.9%	69.2%	70.8%	88.8%	163%*	1
3SED6-C	82.0%	68.3%	70.7%	88.3%	68.4%	67.6%	89.6%	156%	0
3SED6-C DL	79.2%	70.4%	70.4%	85.6%	68.4%	73.2%	80.8%	126%	0
3SED7-A	81.2%	71.2%	69.6%	90.4%	62.4%	66.4%	103%	179%*	1
3SED7-A DL	79.2%	69.6%	68.0%	87.2%	58.8%	66.0%	96.0%	121%	0
3SED7-B	65.2%	67.7%	65.1%	86.7%	56.4%	76.4%	89.9%	150%	0
3SED7-B DL	69.6%	60.0%	64.0%	68.0%	54.0%	70.8%	80.0%	113%	0
3SED7-C	76.8%	75.7%	74.7%	97.1%	64.0%	82.8%	98.9%	170%*	1
3SED7-C DL	81.6%	70.4%	72.8%	76.8%	63.6%	78.0%	105%	119%	0
3SED9-A	82.4%	76.8%	73.1%	98.1%	56.8%	93.2%	98.9%	180%*	1
3SED9-A DL	79.2%	69.6%	68.8%	74.4%	54.0%	91.2%	92.0%	128%	0
3SED9-B	74.8%	73.1%	70.7%	95.7%	58.8%	80.0%	92.5%	169%*	1
3SED9-B DL	78.0%	68.8%	68.8%	73.6%	56.4%	74.4%	88.0%	125%	0
3SED9-C	80.8%	76.5%	74.9%	101%	69.2%	85.2%	98.7%	188%*	1
3SED9-C DL	81.6%	70.4%	68.8%	76.8%	63.6%	78.0%	92.0%	130%	0

	LCS/MB LIMITS	QC LIMITS
(FBP) = 2-Fluorobiphenyl	(30-160)	(30-160)
(PHL) = d5-Phenol	(30-160)	(30-160)
(FPH) = 2-Fluorophenol	(30-160)	(30-160)
(CPL) = d4-2-Chlorophenol	(30-160)	(30-160)
(DCB) = d4-1,2-Dichlorobenzene	(30-160)	(30-160)
(NBZ) = d5-Nitrobenzene	(30-160)	(30-160)
(TBP) = 2,4,6-Tribromophenol	(30-160)	(30-160)
(TER) = d14-p-Terphenyl	(30-160)	(30-160)

Prep Method: SW3550B
Log Number Range: 09-12787 to 09-12801

FORM-II SIM SW8270

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted MS/MSD: 06/09/09

Date Analyzed MS: 06/16/09 18:49
MSD: 06/16/09 19:24
Instrument/Analyst MS: NT2/PK
MSD: NT2/PK

Sample Amount MS: 16.7 g-dry-wt
MSD: 16.9 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL
Dilution Factor MS: 1.00
MSD: 1.00

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Dibenz(a,h)anthracene	< 5.9 U	186	150	124%	108	148	73.0%	53.1%
1,4-Dichlorobenzene	< 5.9 U	107	150	71.3%	107	148	72.3%	0.0%
1,2,4-Trichlorobenzene	< 5.9 U	127	150	84.7%	120	148	81.1%	5.7%
Hexachlorobenzene	< 5.9 U	156	150	104%	136	148	91.9%	13.7%
Hexachlorobutadiene	< 5.9 U	133	150	88.7%	127	148	85.8%	4.6%
Dimethylphthalate	< 14.8 U	229	150	153%	125	148	84.5%	58.8%
Butylbenzylphthalate	< 14.8 U	223	150	149%	209	148	141%	6.5%
2-Methylphenol	< 5.9 U	125	150	83.3%	127	148	85.8%	1.6%
2,4-Dimethylphenol	< 5.9 U	92.2	150	61.5%	100	148	67.6%	8.1%
N-Nitrosodiphenylamine	< 5.9 U	145	150	96.7%	121	148	81.8%	18.0%
Benzyl Alcohol	< 29.6 U	256	299	85.6%	182	296	61.5%	33.8%
Pentachlorophenol	< 29.6 U	116	150	77.3%	102	148	68.9%	12.8%
1,2-Dichlorobenzene	< 5.9 U	113	150	75.3%	111	148	75.0%	1.8%
1,3-Dichlorobenzene	< 5.9 U	105	150	70.0%	105	148	70.9%	0.0%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 18:49
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	---
106-46-7	1,4-Dichlorobenzene	6.0	---
120-82-1	1,2,4-Trichlorobenzene	6.0	---
118-74-1	Hexachlorobenzene	6.0	---
87-68-3	Hexachlorobutadiene	6.0	---
131-11-3	Dimethylphthalate	15	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	6.0	---
105-67-9	2,4-Dimethylphenol	6.0	---
86-30-6	N-Nitrosodiphenylamine	6.0	---
100-51-6	Benzyl Alcohol	30	---
87-86-5	Pentachlorophenol	30	---
95-50-1	1,2-Dichlorobenzene	6.0	---
541-73-1	1,3-Dichlorobenzene	6.0	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	79.6%	d5-Phenol	75.7%
2-Fluorophenol	72.8%	d4-2-Chlorophenol	92.3%
d4-1,2-Dichlorobenzene	70.0%	d5-Nitrobenzene	74.0%
2,4,6-Tribromophenol	105%	d14-p-Terphenyl	160%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **MATRIX SPIKE DUPLICATE**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 19:24
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	5.9	---
106-46-7	1,4-Dichlorobenzene	5.9	---
120-82-1	1,2,4-Trichlorobenzene	5.9	---
118-74-1	Hexachlorobenzene	5.9	---
87-68-3	Hexachlorobutadiene	5.9	---
131-11-3	Dimethylphthalate	15	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	5.9	---
105-67-9	2,4-Dimethylphenol	5.9	---
86-30-6	N-Nitrosodiphenylamine	5.9	---
100-51-6	Benzyl Alcohol	30	---
87-86-5	Pentachlorophenol	30	---
95-50-1	1,2-Dichlorobenzene	5.9	---
541-73-1	1,3-Dichlorobenzene	5.9	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	74.4%	d5-Phenol	70.9%
2-Fluorophenol	71.5%	d4-2-Chlorophenol	86.9%
d4-1,2-Dichlorobenzene	69.2%	d5-Nitrobenzene	70.8%
2,4,6-Tribromophenol	88.8%	d14-p-Terphenyl	163%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LCS-060909**
Page 1 of 1 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-060909
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/09/09
Date Analyzed LCS: 06/17/09 13:48
Instrument/Analyst LCS: NT2/PK

Sample Amount LCS: 16.0 g-dry-wt
Final Extract Volume LCS: 1.0 mL
Dilution Factor LCS: 1.00

Analyte	LCS	Spike Added	Recovery
Dibenz(a,h)anthracene	211	156	135%
1,4-Dichlorobenzene	108	156	69.2%
1,2,4-Trichlorobenzene	123	156	78.8%
Hexachlorobenzene	137	156	87.8%
Hexachlorobutadiene	126	156	80.8%
Dimethylphthalate	130	156	83.3%
Butylbenzylphthalate	147	156	94.2%
2-Methylphenol	122	156	78.2%
2,4-Dimethylphenol	63.8	156	40.9%
N-Nitrosodiphenylamine	80.6	156	51.7%
Benzyl Alcohol	85.6	312	27.4%
Pentachlorophenol	115	156	73.7%
1,2-Dichlorobenzene	111	156	71.2%
1,3-Dichlorobenzene	133	156	85.3%

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	76.0%
d5-Phenol	68.3%
2-Fluorophenol	66.4%
d4-2-Chlorophenol	69.6%
d4-1,2-Dichlorobenzene	68.0%
d5-Nitrobenzene	71.2%
2,4,6-Tribromophenol	91.2%
d14-p-Terphenyl	95.2%

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB44MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Lab File ID: 061701 Date Extracted: 06/09/09

Instrument ID: NT2 Date Analyzed: 06/17/09

Matrix: SOLID Time Analyzed: 1314

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	3SED4-A	PB44A	061603	06/16/09
02	3SED4-B	PB44B	061604	06/16/09
03	3SED4-C	PB44C	061605	06/16/09
04	3SED3-A	PB44D	061606	06/16/09
05	3SED3-B	PB44E	061610	06/16/09
06	3SED3-C	PB44F	061611	06/16/09
07	3SED6-A	PB44G	061612	06/16/09
08	3SED6-B	PB44H	061613	06/16/09
09	3SED6-B MS	PB44HMS	061614	06/16/09
10	3SED6-B MSD	PB44HMSD	061615	06/16/09
11	3SED6-C	PB44I	061616	06/16/09
12	3SED7-A	PB44J	061617	06/16/09
13	3SED7-B	PB44K	061618	06/16/09
14	3SED7-C	PB44L	061619	06/16/09
15	3SED9-A	PB44M	061620	06/16/09
16	3SED9-B	PB44N	061621	06/16/09
17	3SED9-C	PB44O	061622	06/16/09
18	PB44LCSS1	PB44LCSS1	061702	06/17/09
19	3SED3-A	PB44D	061706	06/17/09
20	3SED3-B	PB44E	061707	06/17/09
21	3SED3-C	PB44F	061708	06/17/09
22	3SED6-A	PB44G	061709	06/17/09
23	3SED6-B	PB44H	061710	06/17/09
24	3SED6-C	PB44I	061713	06/17/09
25	3SED7-A	PB44J	061714	06/17/09
26	3SED7-B	PB44K	061715	06/17/09
27	3SED7-C	PB44L	061716	06/17/09
28	3SED9-A	PB44M	061717	06/17/09
29	3SED9-B	PB44N	061718	06/17/09
30	3SED9-C	PB44O	061719	06/17/09

COMMENTS:

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: MB-060909**
METHOD BLANK
Page 1 of 1

Lab Sample ID: MB-060909
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 13:14
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.2	< 6.2 U
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	16	< 16 U
85-68-7	Butylbenzylphthalate	16	< 16 U
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
541-73-1	1,3-Dichlorobenzene	6.2	< 6.2 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	63.2%	d5-Phenol	57.1%
2-Fluorophenol	55.7%	d4-2-Chlorophenol	66.1%
d4-1,2-Dichlorobenzene	56.4%	d5-Nitrobenzene	60.8%
2,4,6-Tribromophenol	64.5%	d14-p-Terphenyl	88.0%

PCB ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED4-A
SAMPLE

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 00:28
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 17.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.8	< 3.8 U
53469-21-9	Aroclor 1242	3.8	< 3.8 U
12672-29-6	Aroclor 1248	3.8	< 3.8 U
11097-69-1	Aroclor 1254	3.8	< 3.8 U
11096-82-5	**Aroclor 1260**	**3.8**	**5.1**
11104-28-2	Aroclor 1221	3.8	< 3.8 U
11141-16-5	Aroclor 1232	3.8	< 3.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	89.9%
Tetrachlorometaxylene	78.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED4-B
SAMPLE

Lab Sample ID: PB44B
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 00:45
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 22.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	80.6%
Tetrachlorometaxylene	74.0%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED4-C
SAMPLE

Lab Sample ID: PB44C
LIMS ID: 09-12789
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 01:03
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 25.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	82.2%
Tetrachlorometaxylene	71.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED3-A
SAMPLE

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 01:20
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	Aroclor 1254	4.0	< 4.0 U
11096-82-5	**Aroclor 1260**	**4.0**	**7.3**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	NR
Tetrachlorometaxylene	72.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED3-B
SAMPLE

Lab Sample ID: PB44E
LIMS ID: 09-12791
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 02:11
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 46.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	**Aroclor 1254**	**4.0**	**4.4**
11096-82-5	**Aroclor 1260**	**4.0**	**7.0 P**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	113%
Tetrachlorometaxylene	68.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: 3SED3-C
SAMPLE

Lab Sample ID: PB44F
LIMS ID: 09-12792
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 02:29
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**4.2**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	107%
Tetrachlorometaxylene	73.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: 3SED6-A
SAMPLE

Lab Sample ID: PB44G
LIMS ID: 09-12793
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 02:46
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.8	< 3.8 U
53469-21-9	Aroclor 1242	3.8	< 3.8 U
12672-29-6	Aroclor 1248	3.8	< 3.8 U
11097-69-1	Aroclor 1254	3.8	< 3.8 U
11096-82-5	Aroclor 1260	3.8	< 3.8 U
11104-28-2	Aroclor 1221	3.8	< 3.8 U
11141-16-5	Aroclor 1232	3.8	< 3.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	99.8%
Tetrachlorometaxylene	68.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED6-B
SAMPLE

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 03:03
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	82.4%
Tetrachlorometaxylene	67.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: 3SED6-C
SAMPLE

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 03:20
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	90.4%
Tetrachlorometaxylene	75.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED7-A
SAMPLE

Lab Sample ID: PB44J
LIMS ID: 09-12796
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 12:04
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 27.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	105%
Tetrachlorometaxylene	80.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED7-B
SAMPLE

Lab Sample ID: PB44K
LIMS ID: 09-12797
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 12:21
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 49.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	**Aroclor 1242**	**3.9**	**4.5**
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	82.5%
Tetrachlorometaxylene	72.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED7-C
SAMPLE

Lab Sample ID: PB44L
LIMS ID: 09-12798
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 12:38
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 49.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	**Aroclor 1242**	**3.9**	**6.4**
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	108%
Tetrachlorometaxylene	79.4%

FORM I

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED9-A
SAMPLE

Lab Sample ID: PB44M
LIMS ID: 09-12799
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 12:55
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 54.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	**Aroclor 1242**	**3.9**	**37**
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**8.9**
11096-82-5	**Aroclor 1260**	**3.9**	**7.7 P**
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	118%
Tetrachlorometaxylene	79.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: 3SED9-B
SAMPLE

Lab Sample ID: PB44N
LIMS ID: 09-12800
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 13:12
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 48.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	**Aroclor 1242**	**3.9**	**38**
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	105%
Tetrachlorometaxylene	73.9%

ANALYTICAL RESOURCES INCORPORATED

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PSDDA PCB by GC/ECD
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Sample ID: 3SED9-C
SAMPLE

Lab Sample ID: PB44O
LIMS ID: 09-12801
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 13:30
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 36.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	**Aroclor 1242**	**3.9**	**26**
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**5.2**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	92.2%
Tetrachlorometaxylene	71.9%

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
3SED4-A	89.9%	34-141	78.4%	38-102	0
3SED4-B	80.6%	34-141	74.0%	38-102	0
3SED4-C	82.2%	34-141	71.1%	38-102	0
MB-061009	64.8%	40-109	57.8%	35-100	0
LCS-061009	67.5%	40-109	54.0%	35-100	0
3SED3-A	NR	34-141	72.5%	38-102	0
3SED3-A MS	102%	34-141	77.8%	38-102	0
3SED3-A MSD	109%	34-141	77.4%	38-102	0
3SED3-B	113%	34-141	68.8%	38-102	0
3SED3-C	107%	34-141	73.5%	38-102	0
3SED6-A	99.8%	34-141	68.1%	38-102	0
3SED6-B	82.4%	34-141	67.1%	38-102	0
3SED6-C	90.4%	34-141	75.5%	38-102	0
3SED7-A	105%	34-141	80.0%	38-102	0
3SED7-B	82.5%	34-141	72.0%	38-102	0
3SED7-C	108%	34-141	79.4%	38-102	0
3SED9-A	118%	34-141	79.4%	38-102	0
3SED9-B	105%	34-141	73.9%	38-102	0
3SED9-C	92.2%	34-141	71.9%	38-102	0

Low Level PSDDA Control Limits
Prep Method: SW3550B
Log Number Range: 09-12787 to 09-12801

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: 3SED3-A
MS/MSD

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted MS/MSD: 06/10/09

Date Analyzed MS: 06/14/09 01:37
MSD: 06/14/09 01:54
Instrument/Analyst MS: ECD5/JGR
MSD: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount MS: 25.3 g-dry-wt
MSD: 25.4 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL
Dilution Factor MS: 5.00
MSD: 5.00
Silica Gel: Yes

Percent Moisture: 16.3%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 4.0 U	12.5	19.8	63.1%	13.4	19.7	68.0%	6.9%
Aroclor 1260	7.3	24.4	19.8	86.4%	27.3	19.7	102%	11.2%

Results reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: 3SED3-A
MATRIX SPIKE

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 01:37
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	---
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	Aroclor 1254	4.0	< 4.0 U
11096-82-5	Aroclor 1260	4.0	---
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	102%
Tetrachlorometaxylene	77.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: 3SED3-A
MATRIX SPIKE DUP

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 01:54
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	---
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	---
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	109%
Tetrachlorometaxylene	77.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: LCS-061009
LAB CONTROL

Lab Sample ID: LCS-061009
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 00:11
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	12.3	20.0	61.5%
Aroclor 1260	15.8	20.0	79.0%

PCB Surrogate Recovery

Decachlorobiphenyl	67.5%
Tetrachlorometaxylene	54.0%

Results reported in µg/kg (ppb)

PCB METHOD BLANK SUMMARY

BLANK NO.

PB44MBS1

Lab Name: ANALYTICAL RESOURCES, INC
Client: ESC

ARI Job No.: PB44
Project: JELD-WEN NORD DOOR

Lab Sample ID: PB44MBS1
Lab File ID: 0613B044

Date Extracted: 06/10/09
Matrix: SOLID

Date Analyzed: 06/13/09
Instrument ID: ECD5

Time Analyzed: 2354
GC Columns: ZB5/ZB35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PB44LCSS1	PB44LCSS1	06/14/09
02	3SED4-A	PB44A	06/14/09
03	3SED4-B	PB44B	06/14/09
04	3SED4-C	PB44C	06/14/09
05	3SED3-A	PB44D	06/14/09
06	3SED3-A MS	PB44DMS	06/14/09
07	3SED3-A MSD	PB44DMSD	06/14/09
08	3SED3-B	PB44E	06/14/09
09	3SED3-C	PB44F	06/14/09
10	3SED6-A	PB44G	06/14/09
11	3SED6-B	PB44H	06/14/09
12	3SED6-C	PB44I	06/14/09
13	3SED7-A	PB44J	06/15/09
14	3SED7-B	PB44K	06/15/09
15	3SED7-C	PB44L	06/15/09
16	3SED9-A	PB44M	06/15/09
17	3SED9-B	PB44N	06/15/09
18	3SED9-C	PB44O	06/15/09
19	OWS132-060809	PB85A	06/15/09
20	CB185-060809	PB85E	06/15/09

ALL RUNS ARE DUAL COLUMN

FORM IV PCB

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: MB-061009
METHOD BLANK

Lab Sample ID: MB-061009
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Date Extracted: 06/10/09
Date Analyzed: 06/13/09 23:54
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	0.8	< 0.8 U
53469-21-9	Aroclor 1242	0.8	< 0.8 U
12672-29-6	Aroclor 1248	0.8	< 0.8 U
11097-69-1	Aroclor 1254	0.8	< 0.8 U
11096-82-5	Aroclor 1260	0.8	< 0.8 U
11104-28-2	Aroclor 1221	0.8	< 0.8 U
11141-16-5	Aroclor 1232	0.8	< 0.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	64.8%
Tetrachlorometaxylene	57.8%

METALS ANALYSIS

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED4-A
SAMPLE

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 73.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	6	**10**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.6	**19.6**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.2	**27.5**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	2	**8**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.02	**0.02**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**33**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: 3SED4-B
SAMPLE

Lab Sample ID: PB44B
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 71.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	7	**11**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.7	**33.8**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.3	**19.0**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	3	**5**	
CLP	06/10/09	7471A	06/12/09	7439-97-6	Mercury	0.03	0.03	U
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**46**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: 3SED4-C
SAMPLE

Lab Sample ID: PB44C
LIMS ID: 09-12789
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 68.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	7	**14**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.7	**34.9**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.3	**28.4**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	3	**9**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.03	**0.04**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**60**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED3-A
SAMPLE

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 76.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	6	**13**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.6	**28.6**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.3	**48.8**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	3	**13**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.02	**0.06**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**102**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED3-B
SAMPLE

Lab Sample ID: PB44E
LIMS ID: 09-12791
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 48.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**52**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**59.9**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**12**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.05	**0.09**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**95**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED3-C
SAMPLE

Lab Sample ID: PB44F
LIMS ID: 09-12792
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 56.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	7440-38-2	Arsenic	40	40	U
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	2	2	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	4	**88**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	2	**155**	
3050B	06/12/09	6010B	06/16/09	7439-92-1	Lead	20	20	U
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.03	**0.07**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	3	3	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	9	**65**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED6-A
SAMPLE

Lab Sample ID: PB44G
LIMS ID: 09-12793
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 76.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	20	**20**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	2	**29**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.6	**64.9**	
3050B	06/12/09	6010B	06/16/09	7439-92-1	Lead	6	6	U
CLP	06/10/09	7471A	06/12/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.9	0.9	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	3	**121**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: 3SED6-B
SAMPLE

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 80.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**34**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.6	**58.4**	
3050B	06/12/09	6010B	06/16/09	7439-92-1	Lead	6	6	U
CLP	06/10/09	7471A	06/12/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.9	0.9	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	3	**60**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED6-C
SAMPLE

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 77.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	6	**8**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.6	**13.3**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.2	**36.2**	
3050B	06/12/09	6010B	06/16/09	7439-92-1	Lead	2	2	U
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.02	**0.02**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**23**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED7-A
SAMPLE

Lab Sample ID: PB44J
LIMS ID: 09-12796
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 67.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	7	**13**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.7	**34.3**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.3	**61.7**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	3	**10**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.03	**0.04**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**84**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED7-B
SAMPLE

Lab Sample ID: PB44K
LIMS ID: 09-12797
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 50.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**60**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**94.9**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**17**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.04	**0.11**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**121**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: 3SED7-C
SAMPLE

Lab Sample ID: PB44L
LIMS ID: 09-12798
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 51.1%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**30**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**64**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**77.6**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**15**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.05	**0.11**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**119**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: 3SED9-A
SAMPLE

Lab Sample ID: PB44M
LIMS ID: 09-12799
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 45.5%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**30**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**71**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**69.4**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**16**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.05	**0.11**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**120**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED9-B
SAMPLE

Lab Sample ID: PB44N
LIMS ID: 09-12800
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 48.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**62**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**61.7**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**13**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.04	**0.10**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**104**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED9-C
SAMPLE

Lab Sample ID: PB44O
LIMS ID: 09-12801
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 51.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	9	**22**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.9	**54.6**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**53.0**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**13**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.04	**0.09**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**102**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: 3SED4-A
MATRIX SPIKE

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Arsenic	6010B	10	247	247	96.0%	
Cadmium	6010B	0.2 U	61.7	61.8	99.8%	
Chromium	6010B	19.6	84.9	61.8	106%	
Copper	6010B	27.5	76.7	61.8	79.6%	
Lead	6010B	8	243	247	95.1%	
Mercury	7471A	0.02	0.28	0.244	107%	
Silver	6010B	0.4 U	58.8	61.8	95.1%	
Zinc	6010B	33	109	61.8	123%	

Reported in mg/kg-dry

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: 3SED4-A
DUPLICATE

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Arsenic	6010B	10	10	0.0%	+/- 6	L
Cadmium	6010B	0.2 U	0.2 U	0.0%	+/- 0.2	L
Chromium	6010B	19.6	27.4	33.2%	+/- 20%	*
Copper	6010B	27.5	33.0	18.2%	+/- 20%	
Lead	6010B	8	24	100%	+/- 2	L*
Mercury	7471A	0.02	0.02 U	0.0%	+/- 0.02	L
Silver	6010B	0.4 U	0.4 U	0.0%	+/- 0.4	L
Zinc	6010B	33	53	46.5%	+/- 20%	*

Reported in mg/kg-dry

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: LAB CONTROL

Lab Sample ID: PB44LCS
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Arsenic	6010B	188	200	94.0%	
Cadmium	6010B	47.0	50.0	94.0%	
Chromium	6010B	46.4	50.0	92.8%	
Copper	6010B	45.3	50.0	90.6%	
Lead	6010B	186	200	93.0%	
Mercury	7471A	0.49	0.50	98.0%	
Silver	6010B	47.4	50.0	94.8%	
Zinc	6010B	46	50	92.0%	

Reported in mg/kg-dry

N-Control limit not met
NA-Not Applicable, Analyte Not Spiked
Control Limits: 80-120%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS **Sample ID: METHOD BLANK**

Lab Sample ID: PB44MB
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Percent Total Solids: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	7440-38-2	Arsenic	5	5	U
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/12/09	6010B	06/16/09	7440-47-3	Chromium	0.5	0.5	U
3050B	06/12/09	6010B	06/16/09	7440-50-8	Copper	0.2	0.2	U
3050B	06/12/09	6010B	06/16/09	7439-92-1	Lead	2	2	U
CLP	06/10/09	7471A	06/12/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.3	0.3	U
3050B	06/12/09	6010B	06/16/09	7440-66-6	Zinc	1	1	U

U-Analyte undetected at given RL
RL-Reporting Limit

GENERAL CHEMISTRY ANALYSIS

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED4-A
ARI ID: 09-12787 PB44A

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	78.80
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	79.60
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	1.71
N-Ammonia	06/09/09	EPA 350.1M	mg-N/kg	0.13	5.09
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.44	< 1.44 U
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	1.56

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED4-B
ARI ID: 09-12788 PB44B

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	74.00
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	74.30
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	1.99
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.13	6.93
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.45	1.45
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	0.740

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED4-C
ARI ID: 09-12789 PB44C

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	72.70
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	71.10
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	2.37
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.13	6.96
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	7.74	42.9
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	1.17

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED3-A
ARI ID: 09-12790 PB44D

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	79.50
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	80.70
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	3.23
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.12	0.48
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.29	3.39
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	6.65

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED3-B
ARI ID: 09-12791 PB44E

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	54.20
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	53.70
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	6.04
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.17	4.95
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	9.42	59.2
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	2.06

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED3-C
ARI ID: 09-12792 PB44F

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	52.80
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	58.50
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	7.48
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.19	9.40
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	9.54	67.5
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	2.91

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED6-A
ARI ID: 09-12793 PB44G

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	78.10
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	79.10
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	2.71
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.12	1.08
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.28	< 1.28 U
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	0.922

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED6-B
ARI ID: 09-12794 PB44H

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	87.80
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	82.40
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	3.21
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.11	0.11
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.11	< 1.11 U
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	0.289

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED6-C
ARI ID: 09-12795 PB44I

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	84.20
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	77.00
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	3.50
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.12	0.17
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.36	< 1.36 U
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	0.686

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED7-A
ARI ID: 09-12796 PB44J

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	82.40
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	69.50
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	3.59
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.12	2.82
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.60	29.2
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	2.20

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED7-B
ARI ID: 09-12797 PB44K

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	51.00
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	49.00
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	8.24
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.18	2.82
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	11.5	82.1
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	2.51

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED7-C
ARI ID: 09-12798 PB44L

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	54.20
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	49.90
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	6.87
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.18	6.23
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	9.60	51.8
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	2.66

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED9-A
ARI ID: 09-12799 PB44M

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	46.10
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	43.80
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	9.36
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.22	11.3
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	43.3	324
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	1.37

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED9-B
ARI ID: 09-12800 PB44N

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	50.60
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	56.40
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	7.39
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.19	6.26
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	38.1	162
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	1.24

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED9-C
ARI ID: 09-12801 PB44O

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	56.00
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	47.80
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	6.29
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.17	6.88
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	48.5	328
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	3.98

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

MS/MSD RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: PB44A Client ID: 3SED4-A						
N-Ammonia	06/09/09	mg-N/kg	5.09	126	119	101.5%
Sulfide	06/08/09	mg/kg	< 1.44	147	159	92.5%
ARI ID: PB44K Client ID: 3SED7-B						
Total Organic Carbon	06/11/09	Percent	2.51	5.32	2.84	99.0%

REPLICATE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: PB44A Client ID: 3SED4-A					
Preserved Total Solids	06/08/09	Percent	79.60	77.10 78.90	1.6%
N-Ammonia	06/09/09	mg-N/kg	5.09	5.06 5.03	0.6%
Sulfide	06/08/09	mg/kg	< 1.44	< 1.40	NA
ARI ID: PB44K Client ID: 3SED7-B					
Total Solids	06/05/09	Percent	51.00	50.70 50.40	0.6%
Total Volatile Solids	06/05/09	Percent	8.24	7.98 8.17	1.7%
Total Organic Carbon	06/11/09	Percent	2.51	2.44 2.22	6.3%

LAB CONTROL RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
Sulfide	06/08/09	mg/kg	5.91	5.84	101.2%
	06/08/09		5.31	5.84	90.9%
Total Organic Carbon	06/10/09	Percent	0.501	0.500	100.2%
	06/11/09		0.488	0.500	97.6%

METHOD BLANK RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Total Solids	06/05/09	Percent	< 0.01 U
Preserved Total Solids	06/08/09	Percent	< 0.01 U
Total Volatile Solids	06/05/09	Percent	< 0.01 U
N-Ammonia	06/09/09	mg-N/kg	< 0.10 U
Sulfide	06/08/09	mg/kg	< 1.00 U
	06/08/09		< 0.05 U
Total Organic Carbon	06/10/09	Percent	< 0.020 U
	06/11/09		< 0.020 U

STANDARD REFERENCE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
N-Ammonia	06/09/09	mg-N/kg	104	100	104.0%
SPEX 28-24AS					
Total Organic Carbon	06/10/09	Percent	3.25	3.35	97.0%
NIST #8704	06/11/09		3.07	3.35	91.6%

GEOTECHNICAL ANALYSIS

Environmental Science Corp.
JELD-WEN NORD DOOR

Apparent Grain Size Distribution Summary
Percent Finer Than Indicated Size

Sample No.	Gravel			Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt				Clay	
Phi Size	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Sieve Size (microns)	3/8"	#4 (4750)	#10 (2000)	#18 (1000)	#35 (500)	#60 (250)	#120 (125)	#230 (63)	31.00	15.60	7.80	3.90	2.00	1.00
3SED7-C	100.0	100.0	97.7	94.7	91.9	88.1	85.1	83.4	78.1	55.5	33.8	21.0	14.6	8.2
	100.0	100.0	99.4	97.5	95.0	91.1	88.3	86.5	80.1	58.5	35.4	21.7	15.5	8.6
	100.0	100.0	99.1	96.8	94.6	91.3	88.6	86.9	80.8	57.3	35.7	21.7	15.5	9.0
3SED4-A	100.0	67.2	56.1	50.2	37.0	15.5	7.4	5.6	4.9	3.7	2.7	1.9	1.4	0.8
3SED4-B	100.0	93.1	89.1	82.2	61.9	31.7	17.9	14.9	13.0	8.5	5.8	3.9	2.9	1.7
3SED4-C	100.0	98.8	98.0	93.4	76.4	47.1	32.0	26.9	20.1	13.3	8.7	5.7	3.9	2.6
3SED3-A	100.0	51.5	40.3	33.1	25.5	18.5	15.1	13.3	11.7	9.0	6.2	4.0	2.4	1.3
3SED3-B	100.0	96.6	93.6	89.0	83.6	78.4	74.3	70.4	63.2	45.0	27.6	17.9	11.5	7.3
3SED3-C	100.0	85.6	72.7	64.6	57.1	50.3	46.4	43.7	40.2	28.4	17.9	10.9	6.8	4.5
3SED6-A	100.0	47.9	35.9	27.9	18.3	7.2	4.0	2.9	NA	NA	NA	NA	NA	NA
3SED6-B	100.0	43.3	34.4	28.9	21.5	12.3	10.1	8.9	4.2	3.2	2.4	1.7	1.1	0.7
3SED6-C	100.0	37.5	30.1	23.9	16.2	8.2	6.2	4.9	3.9	3.0	2.2	1.6	1.1	0.6
3SED7-A	100.0	62.0	48.6	40.7	32.3	20.9	16.1	15.2	11.3	8.3	5.1	3.4	2.1	1.3
3SED7-B	100.0	99.2	98.4	95.5	93.0	87.7	83.6	81.4	71.2	50.7	31.9	19.7	13.1	8.1
3SED9-A	100.0	99.6	99.4	97.6	96.1	93.4	91.1	89.6	84.8	68.1	42.5	18.9	11.2	7.6
3SED9-B	100.0	82.4	79.4	76.6	73.4	69.7	67.8	66.5	60.0	48.4	27.3	10.8	6.1	4.0
3SED9-C	100.0	99.1	97.7	95.5	89.7	80.5	77.4	76.0	71.2	55.9	32.6	12.0	5.5	4.3

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Environmental Science Corp.
JELD-WEN NORD DOOR

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay			Total Fines
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10	<4
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0	<230 (<62)
3SED7-C	2.3	3.0	2.9	3.7	3.0	1.8	5.3	22.5	21.7	12.8	6.4	6.3	8.2	83.4
	0.6	1.9	2.5	3.9	2.8	1.7	6.4	21.6	23.0	13.7	6.2	6.9	8.6	86.5
	0.9	2.3	2.2	3.3	2.8	1.6	6.1	23.5	21.6	14.1	6.2	6.5	9.0	86.9
3SED4-A	43.9	5.9	13.2	21.5	8.2	1.8	0.7	1.2	1.0	0.8	0.5	0.6	0.8	5.6
3SED4-B	10.9	7.0	20.3	30.2	13.8	3.0	1.9	4.5	2.7	1.9	1.0	1.2	1.7	14.9
3SED4-C	2.0	4.6	17.0	29.3	15.1	5.1	6.8	6.8	4.6	2.9	1.8	1.3	2.6	26.9
3SED3-A	59.7	7.1	7.6	7.0	3.4	1.8	1.6	2.8	2.7	2.2	1.6	1.1	1.3	13.3
3SED3-B	6.4	4.6	5.4	5.3	4.1	3.9	7.2	18.3	17.4	9.7	6.4	4.2	7.3	70.4
3SED3-C	27.3	8.2	7.5	6.9	3.9	2.6	3.6	11.8	10.5	7.0	4.0	2.3	4.5	43.7
3SED6-A	64.1	8.0	9.6	11.1	3.2	1.0	NA	NA	NA	NA	NA	NA	NA	2.9
3SED6-B	65.6	5.5	7.5	9.2	2.2	1.2	4.7	1.0	0.8	0.7	0.6	0.4	0.7	8.9
3SED6-C	69.9	6.3	7.7	8.0	1.9	1.3	1.0	0.9	0.8	0.6	0.5	0.4	0.6	4.9
3SED7-A	51.4	7.9	8.4	11.4	4.8	0.9	4.0	2.9	3.2	1.7	1.4	0.8	1.3	15.2
3SED7-B	1.6	2.9	2.6	5.3	4.1	2.2	10.2	20.5	18.8	12.2	6.6	5.0	8.1	81.4
3SED9-A	0.6	1.8	1.5	2.6	2.3	1.6	4.7	16.7	25.6	23.6	7.7	3.6	7.6	89.6
3SED9-B	20.6	2.7	3.2	3.8	1.9	1.3	6.5	11.6	21.1	16.5	4.7	2.1	4.0	66.5
3SED9-C	2.3	2.3	5.8	9.1	3.1	1.4	4.8	15.4	23.3	20.6	6.5	1.2	4.3	76.0

Notes to the Testing:
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

QA SUMMARY

Client:	Environmental Science Corp.	Client Project No.:	JELD-WEN NORD DOOR
ARI Trip. Sample ID:	PB44 L	Batch No.:	PB44-1
Client Trip. Sample ID:	3SED7-C	Page:	1 of 1

Relative Standard Deviation, By Phi Size

Sample ID	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
3SED7-C	100.0	100.0	97.7	94.7	91.9	88.1	85.1	83.4	78.1	55.5	33.8	21.0	14.6	8.2
	100.0	100.0	99.4	97.5	95.0	91.1	88.3	86.5	80.1	58.5	35.4	21.7	15.5	8.6
	100.0	100.0	99.1	96.8	94.6	91.3	88.6	86.9	80.8	57.3	35.7	21.7	15.5	9.0
AVE	NA	100.00	98.72	96.34	93.84	90.19	87.32	85.61	79.65	57.10	34.98	21.48	15.19	8.61
STDEV	NA	0.00	0.91	1.44	1.73	1.78	1.90	1.95	1.43	1.49	1.05	0.41	0.55	0.38
%RSD	NA	0.00	0.92	1.50	1.84	1.97	2.17	2.27	1.79	2.61	3.00	1.92	3.63	4.42

The Triplicate Applies To The Following Samples

Client ID	Date Sampled	Date Extracted	Date Complete	QA Ratio (95-105)	Data Qualifiers	Pipette Portion (5.0-25.0g)
3SED7-C	6/4/2009	6/16/2009	6/23/2009	99.5		14.8
	6/4/2009	6/16/2009	6/23/2009	98.9		15.5
	6/4/2009	6/16/2009	6/23/2009	101.2		16.2
3SED4-A	6/4/2009	6/17/2009	6/23/2009	99.9		7.0
3SED4-B	6/4/2009	6/17/2009	6/23/2009	98.8		10.9
3SED4-C	6/4/2009	6/17/2009	6/23/2009	101.1		15.2
3SED3-A	6/4/2009	6/18/2009	6/23/2009	100.2		11.1
3SED3-B	6/4/2009	6/18/2009	6/23/2009	98.2		13.1
3SED3-C	6/4/2009	6/18/2009	6/23/2009	98.4		12.5
3SED6-A	6/4/2009	6/19/2009	6/23/2009	98.9		3.7
3SED6-B	6/4/2009	6/18/2009	6/23/2009	104.1		11.8
3SED6-C	6/4/2009	6/18/2009	6/23/2009	99.9		6.5
3SED7-A	6/4/2009	6/18/2009	6/23/2009	103.9		10.2
3SED7-B	6/4/2009	6/18/2009	6/23/2009	98.1		14.8
3SED9-A	6/4/2009	6/18/2009	6/23/2009	99.6		16.5
3SED9-B	6/4/2009	6/18/2009	6/23/2009	101.2		18.0
3SED9-C	6/4/2009	6/18/2009	6/23/2009	99.1		13.9

* ARI Internal QA limits = 95-105%

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

TOTAL SOLIDS

Extractions Total Solids-extts
Data By: Pat Dugan
Created: 6/ 6/09

Worklist: 225
Analyst: RVR
Comments:

	ARI ID CLIENT ID	Tare Wt (g)	Wet Wt (g)	Dry Wt (g)	% Solids	pH
1.	PB44A 09-12787 3SED4-A	1.18	11.46	9.70	82.9	NR
2.	PB44B 09-12788 3SED4-B	1.18	11.45	9.14	77.5	NR
3.	PB44C 09-12789 3SED4-C	1.16	11.73	9.06	74.7	NR
4.	PB44D 09-12790 3SED3-A	1.16	11.80	10.07	83.7	NR
5.	PB44E 09-12791 3SED3-B	1.16	11.35	6.61	53.5	NR
6.	PB44F 09-12792 3SED3-C	1.18	11.37	7.64	63.4	NR
7.	PB44G 09-12793 3SED6-A	1.15	11.45	9.43	80.4	NR
8.	PB44H 09-12794 3SED6-B	1.17	11.40	10.04	86.7	NR
9.	PB44I 09-12795 3SED6-C	1.17	11.55	10.05	85.5	NR
10.	PB44J 09-12796 3SED7-A	1.16	11.32	8.55	72.7	NR
11.	PB44K 09-12797 3SED7-B	1.16	11.32	6.28	50.4	NR
12.	PB44L 09-12798 3SED7-C	1.17	11.83	6.56	50.6	NR
13.	PB44M 09-12799 3SED9-A	1.18	11.62	5.98	46.0	NR
14.	PB44N 09-12800 3SED9-B	1.18	11.72	6.64	51.8	NR
15.	PB44O 09-12801 3SED9-C	1.18	11.70	7.83	63.2	NR

Solids Data Entry Report Checked by: KM Date: 6/11/09
Date: 06/11/09 Data Analyst: MH

Solids Determination performed on 06/10/09 by DM

JOB	SAMPLE	CLIENTID	TAREWEIGHT	SAMPDISH	DRYWEIGHT	SOLIDS
PB44	A	3SED4-A	0.969	10.865	8.269	73.77
PB44	B	3SED4-B	0.986	10.398	7.706	71.40
PB44	C	3SED4-C	0.984	10.304	7.361	68.42
PB44	D	3SED3-A	0.979	10.729	8.445	76.57
PB44	E	3SED3-B	0.976	10.857	5.786	48.68
PB44	F	3SED3-C	1.000	10.579	6.436	56.75
PB44	G	3SED6-A	0.966	10.549	8.290	76.43
PB44	H	3SED6-B	0.982	10.304	8.505	80.70
PB44	I	3SED6-C	0.981	10.488	8.373	77.75
PB44	J	3SED7-A	1.002	10.421	7.396	67.88
PB44	K	3SED7-B	0.933	10.815	5.914	50.40
PB44	L	3SED7-C	0.984	10.489	5.840	51.09
PB44	M	3SED9-A	0.975	10.950	5.512	45.48
PB44	N	3SED9-B	0.937	10.609	5.652	48.75
PB44	O	3SED9-C	1.007	10.732	6.028	51.63

Laboratory Data Package

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

Semivolatile Analysis
QC Summary Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SW8270 SEMIVOLATILES SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	NBZ	FBP	TPH	DCB	PHL	2FP	TBP	2CP	TOT OUT
3SED4-A	58.8%	69.2%	74.8%	56.4%	68.3%	58.9%	84.8%	69.1%	0
3SED4-B	62.0%	72.0%	75.6%	56.0%	72.0%	61.1%	91.5%	73.9%	0
3SED4-C	58.4%	64.0%	72.0%	52.8%	67.5%	57.9%	81.9%	69.6%	0
3SED3-A	59.2%	66.5%	65.4%	52.9%	62.0%	54.1%	77.3%	61.6%	0
3SED3-B	55.6%	62.5%	64.8%	43.0%	59.5%	52.2%	79.0%	60.0%	0
3SED3-C	56.9%	65.5%	64.6%	48.0%	63.2%	55.4%	81.6%	63.0%	0
3SED6-A	60.8%	69.2%	78.4%	59.6%	69.1%	59.7%	89.1%	69.1%	0
3SED6-B	56.8%	63.6%	73.2%	55.6%	60.3%	56.5%	81.1%	61.3%	0
MB-061009	54.8%	59.6%	77.2%	56.8%	60.0%	54.1%	75.7%	60.5%	0
LCS-061009	56.0%	60.4%	75.6%	59.2%	64.0%	56.5%	81.3%	64.3%	0
3SED6-C	56.0%	66.0%	74.4%	54.4%	64.8%	58.1%	84.5%	64.8%	0
3SED6-C MS	58.8%	65.6%	71.2%	56.8%	68.0%	60.0%	87.2%	69.1%	0
3SED6-C MSD	58.4%	64.0%	71.6%	52.8%	67.7%	57.9%	87.2%	67.2%	0
3SED7-A	64.8%	71.0%	69.5%	55.1%	60.3%	59.8%	86.4%	62.6%	0
3SED7-B	57.6%	66.4%	67.2%	48.4%	67.5%	57.9%	89.1%	69.1%	0
3SED7-C	59.2%	67.2%	66.4%	48.4%	66.7%	56.8%	89.3%	68.0%	0
3SED9-A	59.2%	66.0%	67.2%	44.4%	66.4%	56.3%	87.7%	65.6%	0
3SED9-B	61.2%	64.9%	66.1%	47.8%	61.0%	57.1%	90.4%	59.7%	0
3SED9-C	61.2%	67.6%	67.6%	50.4%	65.9%	63.5%	93.3%	65.9%	0

	LCS/MB LIMITS	QC LIMITS
(NBZ) = d5-Nitrobenzene	(37-85)	(29-87)
(FBP) = 2-Fluorobiphenyl	(39-82)	(32-88)
(TPH) = d14-p-Terphenyl	(38-105)	(21-97)
(DCB) = d4-1,2-Dichlorobenzene	(33-79)	(25-82)
(PHL) = d5-Phenol	(40-85)	(29-85)
(2FP) = 2-Fluorophenol	(20-93)	(10-114)
(TBP) = 2,4,6-Tribromophenol	(40-96)	(25-103)
(2CP) = d4-2-Chlorophenol	(41-81)	(30-84)

Prep Method: SW3550B
Log Number Range: 09-12787 to 09-12801

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED6-C
MS/MSD

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted MS/MSD: 06/10/09

Date Analyzed MS: 06/16/09 19:58
MSD: 06/16/09 20:33
Instrument/Analyst MS: NT4/LJR
MSD: NT4/LJR
GPC Cleanup: YES

Sample Amount MS: 26.2 g-dry-wt
MSD: 25.8 g-dry-wt
Final Extract Volume MS: 0.5 mL
MSD: 0.5 mL
Dilution Factor MS: 1.00
MSD: 1.00
Percent Moisture: 14.5 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	< 19.3	321	476	67.4%	318	484	65.7%	0.9%
1,3-Dichlorobenzene	< 19.3	260	476	54.6%	257	484	53.1%	1.2%
1,4-Dichlorobenzene	< 19.3	271	476	56.9%	276	484	57.0%	1.8%
Benzyl Alcohol	< 19.3	613	952	64.4%	608	969	62.7%	0.8%
1,2-Dichlorobenzene	< 19.3	302	476	63.4%	300	484	62.0%	0.7%
2-Methylphenol	< 19.3	346	476	72.7%	328	484	67.8%	5.3%
4-Methylphenol	< 19.3	691	952	72.6%	700	969	72.2%	1.3%
Hexachloroethane	< 19.3	249	476	52.3%	248	484	51.2%	0.4%
2,4-Dimethylphenol	< 19.3	290	476	60.9%	295	484	61.0%	1.7%
Benzoic Acid	< 193	1110	1430	77.6%	777	1450	53.6%	35.3%
1,2,4-Trichlorobenzene	< 19.3	326	476	68.5%	320	484	66.1%	1.9%
Naphthalene	< 19.3	314	476	66.0%	317	484	65.5%	1.0%
Hexachlorobutadiene	< 19.3	354	476	74.4%	350	484	72.3%	1.1%
2-Methylnaphthalene	< 19.3	333	476	70.0%	341	484	70.5%	2.4%
Dimethylphthalate	< 19.3	379	476	79.6%	393	484	81.2%	3.6%
Acenaphthylene	< 19.3	332	476	69.7%	348	484	71.9%	4.7%
Acenaphthene	< 19.3	346	476	72.7%	353	484	72.9%	2.0%
Dibenzofuran	< 19.3	366	476	76.9%	370	484	76.4%	1.1%
Diethylphthalate	< 19.3	407	476	85.5%	411	484	84.9%	1.0%
Fluorene	< 19.3	410	476	86.1%	420	484	86.8%	2.4%
N-Nitrosodiphenylamine	< 19.3	366	476	76.9%	378	484	78.1%	3.2%
Hexachlorobenzene	46.7	423	476	79.1%	415	484	76.1%	1.9%
Pentachlorophenol	< 96.5	215	476	45.2%	218	484	45.0%	1.4%
Phenanthrene	< 19.3	401	476	84.2%	408	484	84.3%	1.7%
Anthracene	< 19.3	368	476	77.3%	385	484	79.5%	4.5%
Di-n-Butylphthalate	< 19.3	383	476	80.5%	390	484	80.6%	1.8%
Fluoranthene	10.0	406	476	83.2%	410	484	82.6%	1.0%
Pyrene	< 19.3	346	476	72.7%	351	484	72.5%	1.4%
Butylbenzylphthalate	< 19.3	349	476	73.3%	346	484	71.5%	0.9%
Benzo(a)anthracene	< 19.3	397	476	83.4%	403	484	83.3%	1.5%
bis(2-Ethylhexyl)phthalate	< 19.3	365	476	76.7%	365	484	75.4%	0.0%
Chrysene	11.0	401	476	81.9%	401	484	80.6%	0.0%
Di-n-Octyl phthalate	< 19.3	374	476	78.6%	375	484	77.5%	0.3%
Benzo(b)fluoranthene	< 19.3	418	476	87.8%	418	484	86.4%	0.0%
Benzo(k)fluoranthene	< 19.3	434	476	91.2%	443	484	91.5%	2.1%
Benzo(a)pyrene	< 19.3	393	476	82.6%	409	484	84.5%	4.0%
Indeno(1,2,3-cd)pyrene	< 19.3	409	476	85.9%	414	484	85.5%	1.2%
Dibenz(a,h)anthracene	< 19.3	421	476	88.4%	433	484	89.5%	2.8%
Benzo(g,h,i)perylene	< 19.3	381	476	80.0%	380	484	78.5%	0.3%
1-Methylnaphthalene	< 19.3	366	476	76.9%	370	484	76.4%	1.1%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

FORM III

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: LCS-061009
LAB CONTROL

Lab Sample ID: LCS-061009
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 14:14
Instrument/Analyst: NT4/LJR
GPC Cleanup: YES

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Phenol	299	500	59.8%
1,3-Dichlorobenzene	283	500	56.6%
1,4-Dichlorobenzene	292	500	58.4%
Benzyl Alcohol	628	1000	62.8%
1,2-Dichlorobenzene	317	500	63.4%
2-Methylphenol	325	500	65.0%
4-Methylphenol	687	1000	68.7%
Hexachloroethane	298	500	59.6%
2,4-Dimethylphenol	235	500	47.0%
Benzoic Acid	1060	1500	70.7%
1,2,4-Trichlorobenzene	308	500	61.6%
Naphthalene	316	500	63.2%
Hexachlorobutadiene	334	500	66.8%
2-Methylnaphthalene	326	500	65.2%
Dimethylphthalate	387	500	77.4%
Acenaphthylene	329	500	65.8%
Acenaphthene	336	500	67.2%
Dibenzofuran	347	500	69.4%
Diethylphthalate	403	500	80.6%
Fluorene	392	500	78.4%
N-Nitrosodiphenylamine	355	500	71.0%
Hexachlorobenzene	385	500	77.0%
Pentachlorophenol	366	500	73.2%
Phenanthrene	396	500	79.2%
Anthracene	371	500	74.2%
Di-n-Butylphthalate	432	500	86.4%
Fluoranthene	440	500	88.0%
Pyrene	383	500	76.6%
Butylbenzylphthalate	399	500	79.8%
Benzo(a)anthracene	401	500	80.2%
bis(2-Ethylhexyl)phthalate	406	500	81.2%
Chrysene	399	500	79.8%
Di-n-Octyl phthalate	395	500	79.0%
Benzo(b)fluoranthene	471	500	94.2%
Benzo(k)fluoranthene	456	500	91.2%
Benzo(a)pyrene	405	500	81.0%
Indeno(1,2,3-cd)pyrene	408	500	81.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: LCS-061009
LAB CONTROL

Lab Sample ID: LCS-061009
LIMS ID: 09-12795
Matrix: Sediment
Date Analyzed: 06/16/09 14:14

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Analyte	Lab Control	Spike Added	Recovery
Dibenz(a,h)anthracene	424	500	84.8%
Benzo(g,h,i)perylene	371	500	74.2%
1-Methylnaphthalene	357	500	71.4%

Semivolatile Surrogate Recovery	
d5-Nitrobenzene	56.0%
2-Fluorobiphenyl	60.4%
d14-p-Terphenyl	75.6%
d4-1,2-Dichlorobenzene	59.2%
d5-Phenol	64.0%
2-Fluorophenol	56.5%
2,4,6-Tribromophenol	81.3%
d4-2-Chlorophenol	64.3%

Results reported in µg/kg

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB44MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Lab File ID: PB44MB Date Extracted: 06/10/09

Instrument ID: NT4 Date Analyzed: 06/16/09

Matrix: SOLID Time Analyzed: 1340

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	PB44LCSS1	PB44LCSS1	PB44SB	06/16/09
02	3SED4-A	PB44A	PB44A	06/16/09
03	3SED4-B	PB44B	PB44B	06/16/09
04	3SED4-C	PB44C	PB44C	06/16/09
05	3SED3-A	PB44D	PB44D	06/16/09
06	3SED3-B	PB44E	PB44E	06/16/09
07	3SED3-C	PB44F	PB44F	06/16/09
08	3SED6-A	PB44G	PB44G	06/16/09
09	3SED6-B	PB44H	PB44H	06/16/09
10	3SED6-C	PB44I	PB44I	06/16/09
11	3SED6-C MS	PB44IMS	PB44IMS	06/16/09
12	3SED6-C MSD	PB44IMSD	PB44IMD	06/16/09
13	3SED7-A	PB44J	PB44J	06/16/09
14	3SED7-B	PB44K	PB44K	06/16/09
15	3SED7-C	PB44L	PB44L	06/16/09
16	3SED9-A	PB44M	PB44M	06/16/09
17	3SED9-B	PB44N	PB44N	06/16/09
18	3SED9-C	PB44O	PB44O	06/17/09
19				
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COMMENTS:

FORM IV SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT4 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 05/08/09 DFTPP Injection Time: 1156

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	45.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	53.0
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	25.0 - 75.0% of mass 198	56.5
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	21.5
365	Greater than 0.75% of mass 198	2.44
441	Present, but less than mass 443	12.1
442	40.0 - 110.0% of mass 198	79.6
443	15.0 - 24.0% of mass 442	15.6 (19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN 25	ABN 25	0250508	05/08/09	1156
02	ABN 80	ABN 80	0800508	05/08/09	1231
03	ABN 1	ABN 1	0010508	05/08/09	1305
04	ABN 40	ABN 40	0400508	05/08/09	1339
05	ABN 5	ABN 5	0050508	05/08/09	1413
06	ABN 10	ABN 10	0100508	05/08/09	1448
07					
08					
09					
10					
11					
12					
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17					
18					
19					
20					
21					
22					

FORM V SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT4 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 06/16/09 DFTPP Injection Time: 1306

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	41.5
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	48.2
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	25.0 - 75.0% of mass 198	53.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.6
365	Greater than 0.75% of mass 198	2.82
441	Present, but less than mass 443	13.4
442	40.0 - 110.0% of mass 198	88.3
443	15.0 - 24.0% of mass 442	16.7 (18.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN CCAL	ABN 25	CC0616	06/16/09	1306
02	PB44MBS1	PB44MBS1	PB44MB	06/16/09	1340
03	PB44LCSS1	PB44LCSS1	PB44SB	06/16/09	1414
04	3SED4-A	PB44A	PB44A	06/16/09	1449
05	3SED4-B	PB44B	PB44B	06/16/09	1523
06	3SED4-C	PB44C	PB44C	06/16/09	1557
07	3SED3-A	PB44D	PB44D	06/16/09	1632
08	3SED3-B	PB44E	PB44E	06/16/09	1706
09	3SED3-C	PB44F	PB44F	06/16/09	1741
10	3SED6-A	PB44G	PB44G	06/16/09	1815
11	3SED6-B	PB44H	PB44H	06/16/09	1849
12	3SED6-C	PB44I	PB44I	06/16/09	1924
13	3SED6-C MS	PB44IMS	PB44IMS	06/16/09	1958
14	3SED6-C MSD	PB44IMSD	PB44IMD	06/16/09	2033
15	3SED7-A	PB44J	PB44J	06/16/09	2108
16	3SED7-B	PB44K	PB44K	06/16/09	2143
17	3SED7-C	PB44L	PB44L	06/16/09	2218
18	3SED9-A	PB44M	PB44M	06/16/09	2253
19	3SED9-B	PB44N	PB44N	06/16/09	2328
20	3SED9-C	PB44O	PB44O	06/17/09	0003
21					
22					

8B
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: 0250508 Ical Date: 05/08/09

Instrument ID: NT4 Cont. Cal Date: 06/16/09

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
	ICAL MIDPT	180629		8.48		633172		10.52		336916		13.40	
	UPPER LIMIT	361258		8.98		1266344		11.02		673832		13.90	
	LOWER LIMIT	90314		7.98		316586		10.02		168458		12.90	
	Sample ID												
00	CC0616	220452		7.46		805258		9.51		468570		12.34	
01	PB44MBS1	157312		7.45		575754		9.50		326607		12.34	
02	PB44LCSS1	158160		7.46		577361		9.50		338909		12.34	
03	3SED4-A	156579		7.47		575702		9.50		329687		12.34	
04	3SED4-B	160340		7.47		589780		9.50		337370		12.34	
05	3SED4-C	162840		7.47		601338		9.51		365710		12.35	
06	3SED3-A	195907		7.47		711877		9.51		407015		12.35	
07	3SED3-B	201799		7.48		723417		9.52		425203		12.36	
08	3SED3-C	199378		7.48		713739		9.52		412447		12.36	
09	3SED6-A	155064		7.48		569916		9.52		325451		12.36	
10	3SED6-B	166863		7.48		604367		9.52		355353		12.36	
11	3SED6-C	187807		7.48		687397		9.52		397847		12.36	
12	3SED6-C MS	161684		7.48		581110		9.52		349005		12.36	
13	3SED6-C MSD	158319		7.48		565461		9.52		342036		12.37	
14	3SED7-A	184471		7.48		633674		9.51		374900		12.36	
15	3SED7-B	177960		7.48		650344		9.52		378005		12.36	
16	3SED7-C	175688		7.48		626001		9.52		365014		12.37	
17	3SED9-A	173118		7.49		613883		9.53		366830		12.38	
18	3SED9-B	175499		7.49		607246		9.53		372315		12.37	
19	3SED9-C	140255		7.49		497608		9.53		300426		12.37	
20													
21													
22													

IS1 = 1,4-Dichlorobenzene-d4
IS2 = Naphthalene-d8
IS3 = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-1

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: PB44O Ical Date: 05/08/09

Instrument ID: NT4 Cont. Cal Date: 06/16/09

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	ICAL MIDPT	514258		15.79		376875		20.12		383864		22.29	
	UPPER LIMIT	1028516		16.29		753750		20.62		767728		22.79	
	LOWER LIMIT	257129		15.29		188438		19.62		191932		21.79	
	Sample ID												
00	CC0616	776038		14.69		642748		18.98		573086		21.11	
01	PB44MBS1	548378		14.69		439813		18.96		372096		21.09	
02	PB44LCSS1	551244		14.69		469760		18.96		384134		21.10	
03	3SED4-A	538139		14.69		441523		18.96		461590		21.11	
04	3SED4-B	558262		14.69		476287		18.98		500587		21.13	
05	3SED4-C	565675		14.70		483140		18.99		507338		21.14	
06	3SED3-A	638267		14.70		591356		18.99		625547		21.16	
07	3SED3-B	647936		14.72		602611		19.00		619429		21.16	
08	3SED3-C	665211		14.72		589721		19.00		619061		21.17	
09	3SED6-A	515204		14.72		439910		19.00		458337		21.15	
10	3SED6-B	584036		14.72		455621		18.99		479923		21.14	
11	3SED6-C	664382		14.71		524476		19.00		551035		21.14	
12	3SED6-C MS	566306		14.72		489493		19.00		471962		21.15	
13	3SED6-C MSD	558324		14.72		477236		19.00		456055		21.14	
14	3SED7-A	650803		14.71		561693		19.00		597177		21.16	
15	3SED7-B	650814		14.72		601142		19.02		604278		21.18	
16	3SED7-C	626641		14.72		590615		19.02		599895		21.18	
17	3SED9-A	662060		14.75		606950		19.05		592422		21.22	
18	3SED9-B	617810		14.73		576606		19.03		610700		21.19	
19	3SED9-C	545515		14.73		495279		19.03		511262		21.20	
20													
21													
22													

IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-2

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: PB44O Ical Date: 05/08/09

Instrument ID: NT4 Cont. Cal Date: 06/16/09

		IS7 AREA #	RT #	AREA #	RT #	AREA #	RT #
	ICAL MIDPT	640574	21.22				
	UPPER LIMIT	1281148	21.72				
	LOWER LIMIT	320287	20.72				
	Sample ID						
00	CC0616	1025012	20.18				
01	PB44MBS1	689064	20.17				
02	PB44LCSS1	739663	20.17				
03	3SED4-A	767673	20.18				
04	3SED4-B	800726	20.19				
05	3SED4-C	822232	20.20				
06	3SED3-A	967918	20.21				
07	3SED3-B	984369	20.21				
08	3SED3-C	974410	20.21				
09	3SED6-A	761968	20.20				
10	3SED6-B	786063	20.20				
11	3SED6-C	896304	20.20				
12	3SED6-C MS	793981	20.20				
13	3SED6-C MSD	759264	20.20				
14	3SED7-A	953244	20.21				
15	3SED7-B	935029	20.22				
16	3SED7-C	921699	20.23				
17	3SED9-A	822221	20.26				
18	3SED9-B	943907	20.22				
19	3SED9-C	798791	20.23				
20							
21							
22							

IS7 = Di-n-octylphthalate-d4

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-3

Semivolatile Analysis
Sample Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED4-A
SAMPLE

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 14:49
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 26.1 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 17.1%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**19**	**41**
541-73-1	1,3-Dichlorobenzene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
100-51-6	Benzyl Alcohol	19	< 19 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
95-48-7	2-Methylphenol	19	< 19 U
106-44-5	**4-Methylphenol**	**19**	**34**
67-72-1	Hexachloroethane	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
65-85-0	Benzoic Acid	190	< 190 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
91-20-3	Naphthalene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
91-57-6	2-Methylnaphthalene	19	< 19 U
131-11-3	Dimethylphthalate	19	< 19 U
208-96-8	Acenaphthylene	19	< 19 U
83-32-9	Acenaphthene	19	< 19 U
132-64-9	Dibenzofuran	19	< 19 U
84-66-2	Diethylphthalate	19	< 19 U
86-73-7	Fluorene	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-86-5	Pentachlorophenol	96	< 96 U
85-01-8	**Phenanthrene**	**19**	**13 J**
120-12-7	Anthracene	19	< 19 U
84-74-2	Di-n-Butylphthalate	19	< 19 U
206-44-0	**Fluoranthene**	**19**	**51**
129-00-0	**Pyrene**	**19**	**32**
85-68-7	Butylbenzylphthalate	19	< 19 U
56-55-3	**Benzo(a)anthracene**	**19**	**19**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**19**	**15 J**
218-01-9	**Chrysene**	**19**	**47**
117-84-0	Di-n-Octyl phthalate	19	< 19 U
205-99-2	**Benzo(b)fluoranthene**	**19**	**24**
207-08-9	**Benzo(k)fluoranthene**	**19**	**24**
50-32-8	**Benzo(a)pyrene**	**19**	**14 J**
193-39-5	Indeno(1,2,3-cd)pyrene	19	< 19 U
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
191-24-2	**Benzo(g,h,i)perylene**	**19**	**12 J**
90-12-0	1-Methylnaphthalene	19	< 19 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	69.2%
d14-p-Terphenyl	74.8%	d4-1,2-Dichlorobenzene	56.4%
d5-Phenol	68.3%	2-Fluorophenol	58.9%
2,4,6-Tribromophenol	84.8%	d4-2-Chlorophenol	69.1%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44a.d
Lab Smp Id: PB44A Client Smp ID: 3SED4-A
Inj Date : 16-JUN-2009 14:49
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44A
Misc Info : 09-12787
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	31.50000	Weight of sample extracted (g)
M	17.10000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.509	5.475	(0.738)	265256	22.1103	423.4
$	2 Phenol-d5	99	7.160	7.091	(0.959)	417597	25.5625	489.4
	3 Phenol	94	7.183	7.114	(0.962)	39781	2.13159	40.81
$	5 2-Chlorophenol-d4	132	7.171	7.167	(0.961)	261645	25.9327	496.5
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.465	7.461	(1.000)	156579	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.759	7.761	(1.039)	103683	14.0757	269.5
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.270	8.272	(1.108)	22399	1.78106	34.10
$	18 Nitrobenzene-d5	82	8.394	8.401	(0.884)	240149	14.7001	281.5
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.498	9.506	(1.000)	575702	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.302	11.309	(0.916)	431442	17.2648	330.6
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.342	12.344	(1.000)	329687	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.623	13.636	(1.104)	96859	31.8012	608.9
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.686	14.694	(1.000)	538139	20.0000	
	60 Phenanthrene	178	14.716	14.735	(1.002)	22768	0.66293 LDL	12.69
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	16.643	16.650	(1.133)	90858	2.66783	51.08
	65 Pyrene	202	16.984	16.997	(0.896)	63507	1.67065	31.99
$	66 Terphenyl-d14	244	17.336	17.338	(0.914)	424797	18.7249	358.5
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	18.940	18.948	(0.999)	30741	1.00865	19.31
*	69 Chrysene-d12	240	18.964	18.977	(1.000)	441523	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	18.999	19.018	(1.002)	73707	2.47304	47.35
	72 bis(2-Ethylhexyl)phthalate	149	19.251	19.247	(0.954)	19398	0.78130 LDL	14.96
*	134 Di-n-octylphthalate-d4	153	20.180	20.181	(1.000)	767673	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	20.591	20.593	(0.975)	80817	2.50567 JT	47.98 1.232
	75 Benzo(k)fluoranthene	252	20.591	20.628	(0.975)	80817	2.42132	46.36 1.232
	76 Benzo(a)pyrene	252	21.026	21.027	(0.996)	20564	0.71328 LDL	13.66
*	77 Perylene-d12	264	21.114	21.110	(1.000)	461590	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	22.812	22.802	(1.080)	19468	0.59507 LDL	11.39(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44a.d
Lab Smp Id: PB44A
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12787

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED4-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	156579	-13.31
27 Naphthalene-d8	633172	316586	1266344	575702	-9.08
42 Acenaphthene-d10	336916	168458	673832	329687	-2.15
59 Phenanthrene-d10	514258	257129	1028516	538139	4.64
69 Chrysene-d12	376875	188438	753750	441523	17.15
134 Di-n-octylphthala	640574	320287	1281148	767673	19.84
77 Perylene-d12	383864	191932	767728	461590	20.25

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.47	0.06
27 Naphthalene-d8	9.51	9.01	10.01	9.50	-0.08
42 Acenaphthene-d10	12.34	11.84	12.84	12.34	-0.01
59 Phenanthrene-d10	14.69	14.19	15.19	14.69	-0.05
69 Chrysene-d12	18.98	18.48	19.48	18.96	-0.07
134 Di-n-octylphthala	20.18	19.68	20.68	20.18	-0.01
77 Perylene-d12	21.11	20.61	21.61	21.11	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

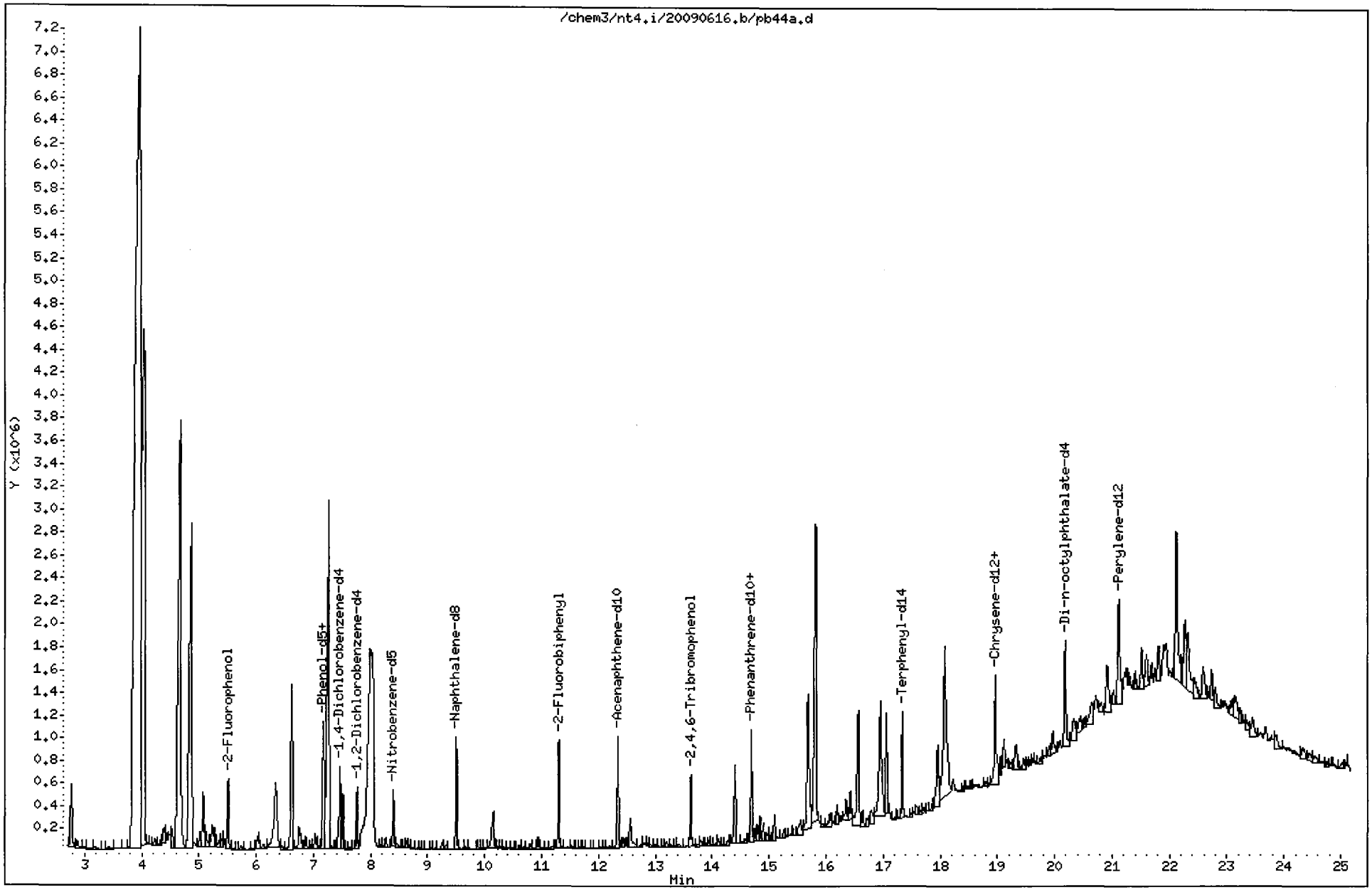
Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44A
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12787

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED4-A
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	718.0	423.4	58.96	21-100
$ 2 Phenol-d5	718.0	489.4	68.17	10-100
$ 5 2-Chlorophenol-d4	718.0	496.5	69.15	30-100
$ 10 1,2-Dichlorobenzen	478.7	269.5	56.30	24-100
$ 18 Nitrobenzene-d5	478.7	281.5	58.80	26-100
$ 36 2-Fluorobiphenyl	478.7	330.6	69.06	32-100
$ 55 2,4,6-Tribromophen	718.0	608.9	84.80	33-118
$ 66 Terphenyl-d14	478.7	358.5	74.90	21-97

Data File: /chem3/nt4.i/20090616.b/pb44a.d
Date : 16-JUN-2009 14:49
Client ID: 3SED4-A
Sample Info: PB44A
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: LJR/VTS
Column diameter: 0.32



PB44A : 60165

Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

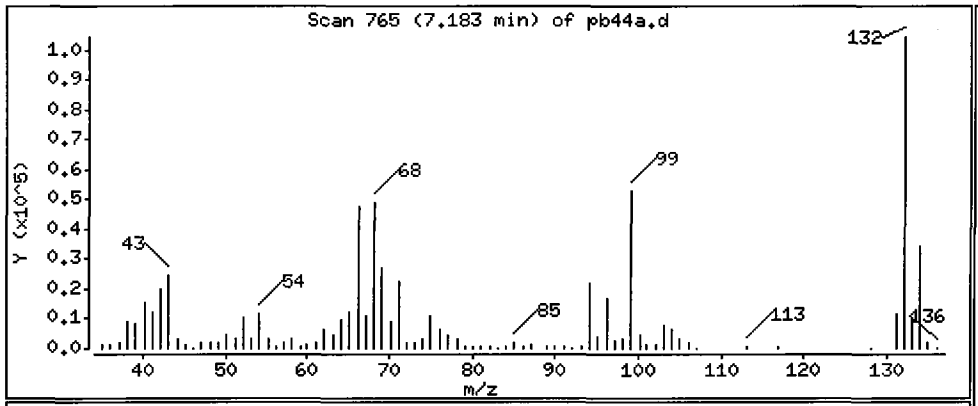
Operator: LJR/VTS

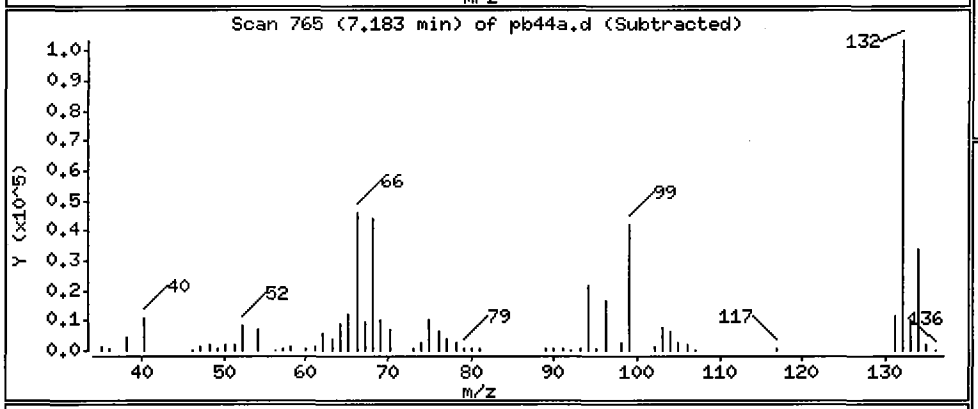
Column phase: ZB-5

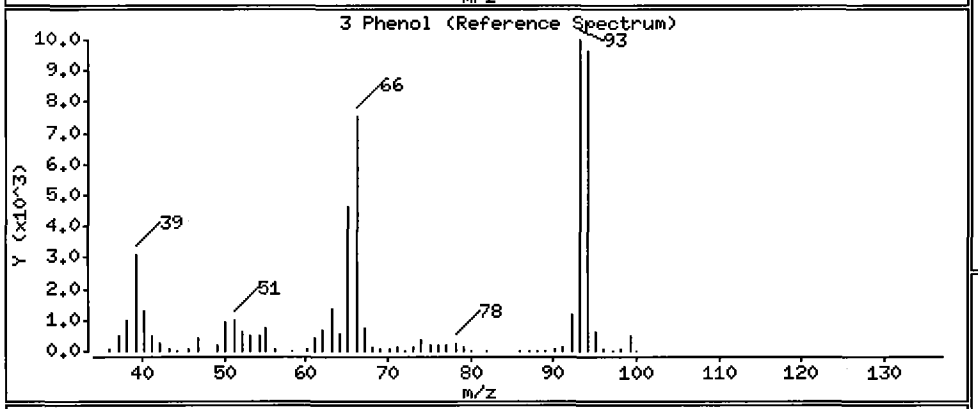
Column diameter: 0.32

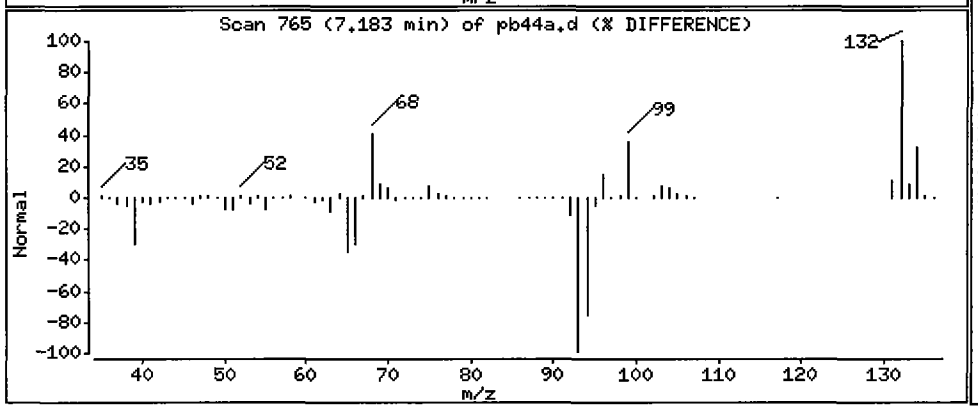
3 Phenol

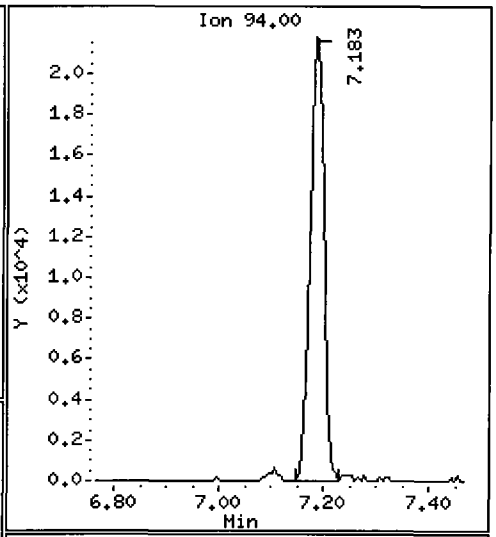
Concentration: 40.81 ug/kg

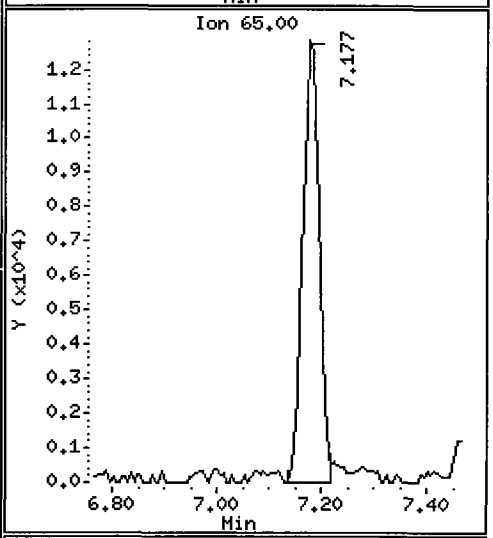


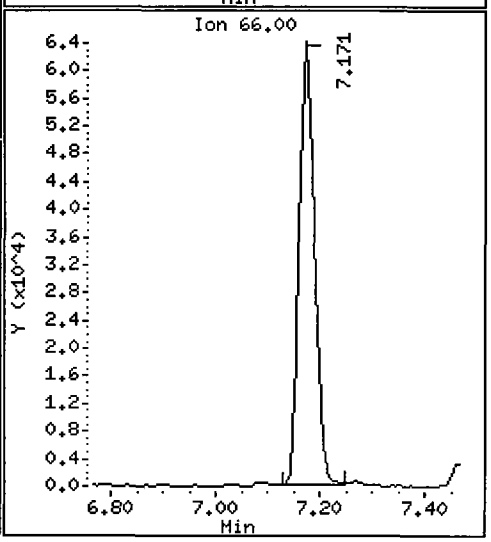












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

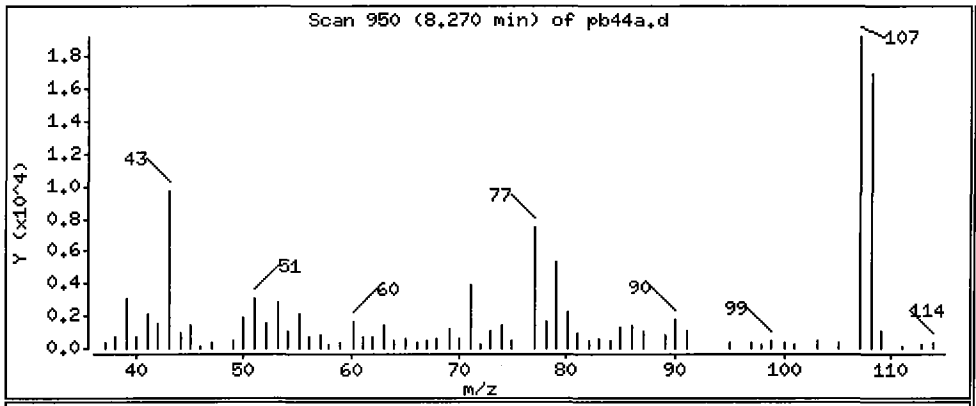
Operator: LJR/VTS

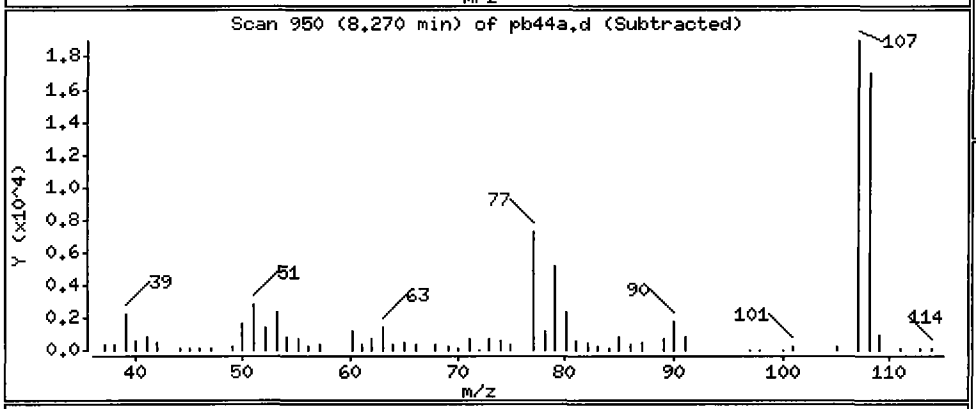
Column phase: ZB-5

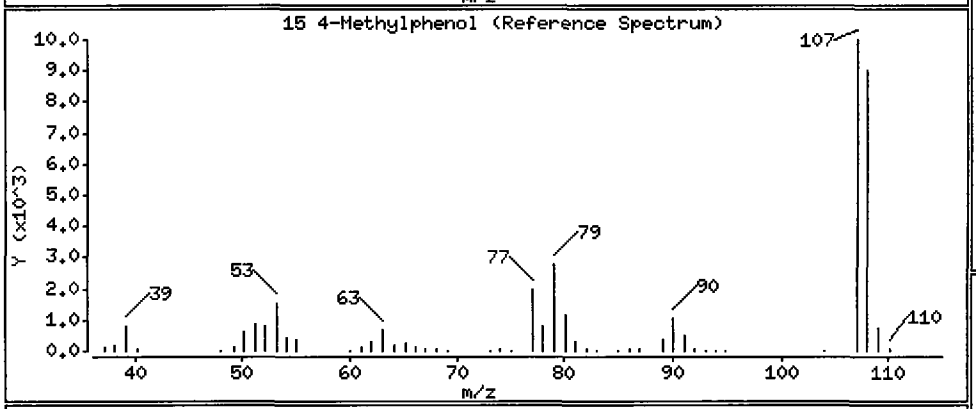
Column diameter: 0.32

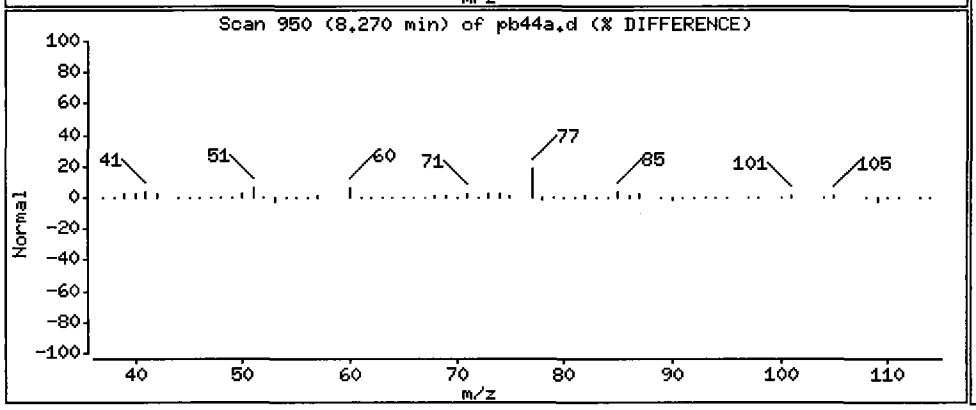
15 4-Methylphenol

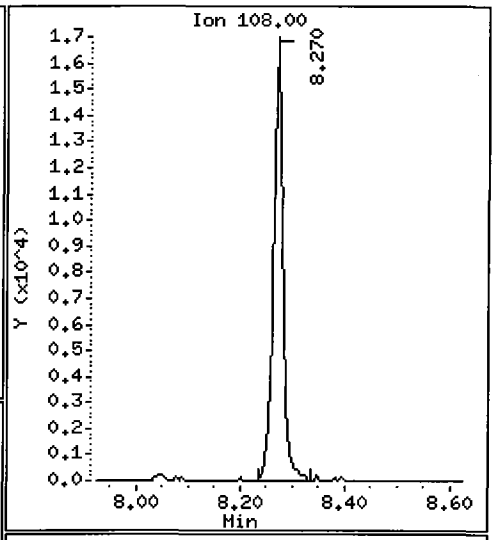
Concentration: 34.10 ug/kg

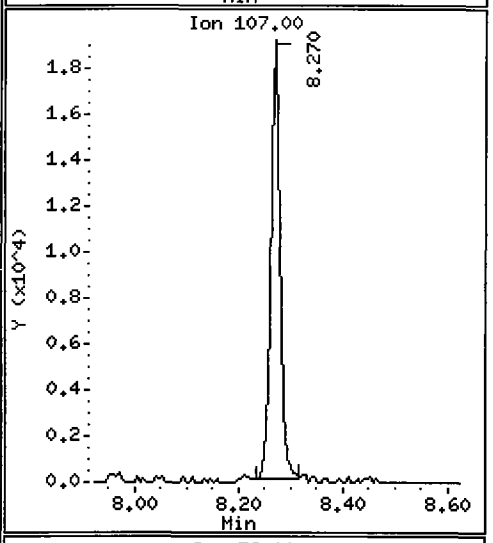


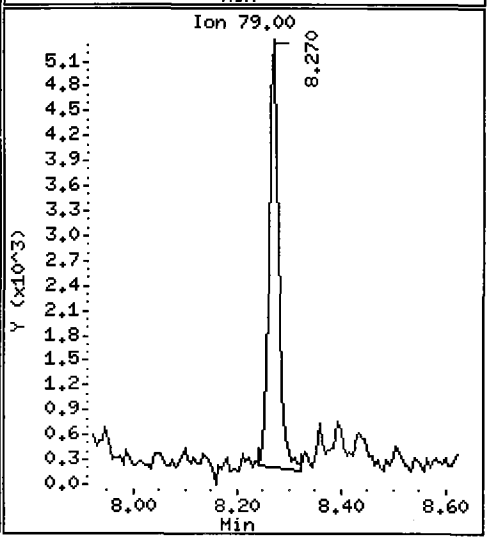












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

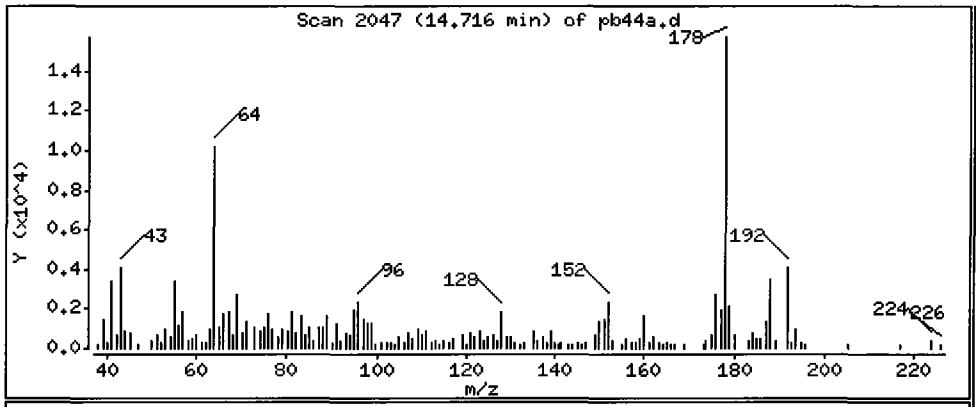
Operator: LJR/VTS

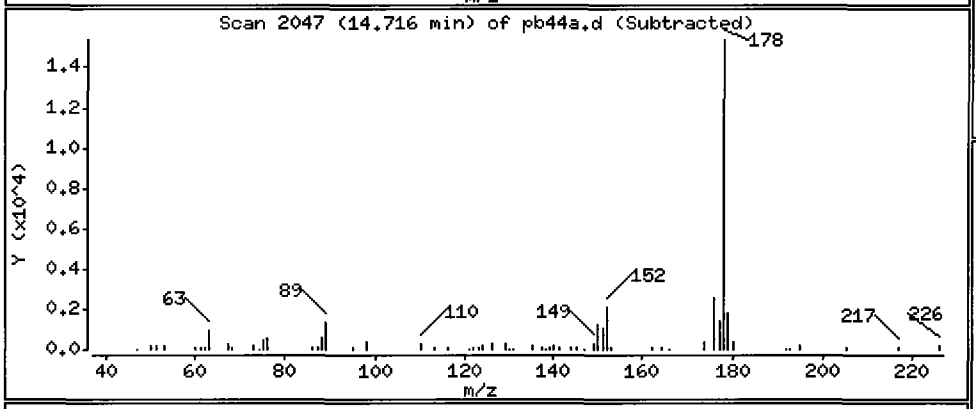
Column phase: ZB-5

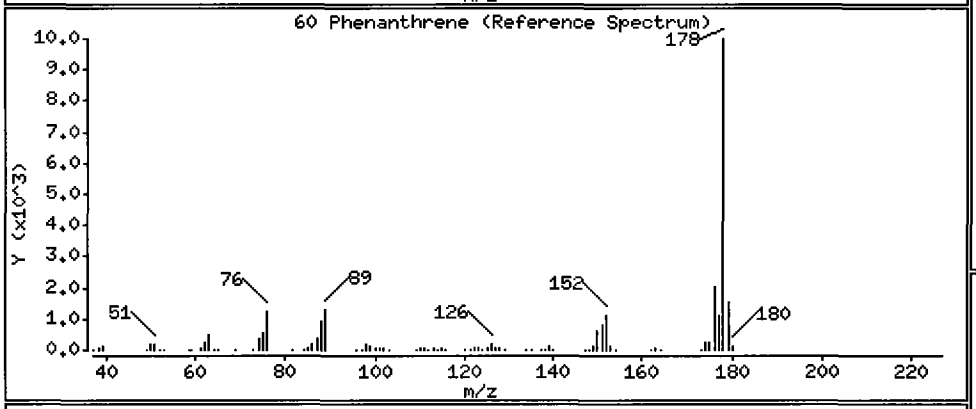
Column diameter: 0.32

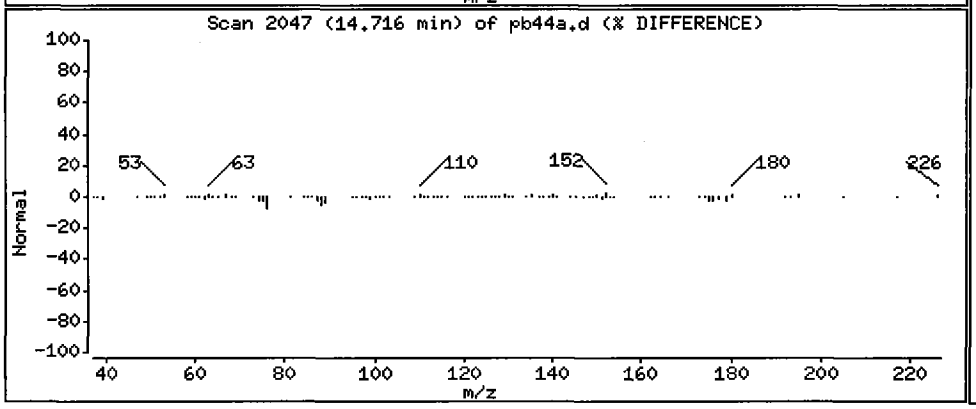
60 Phenanthrene

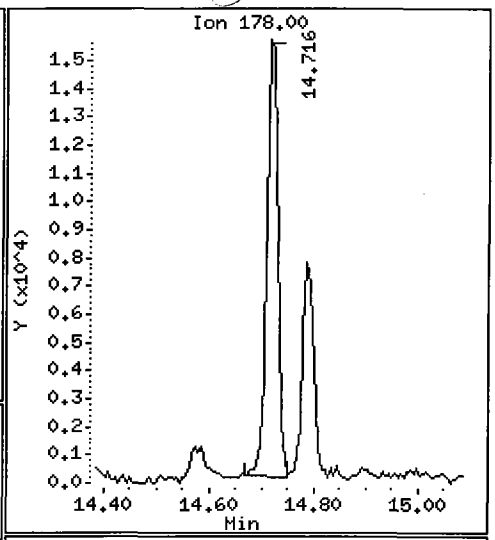
Concentration: 12.69 ug/kg

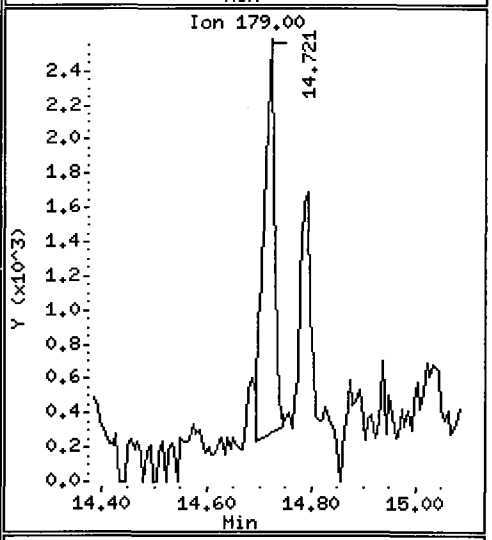


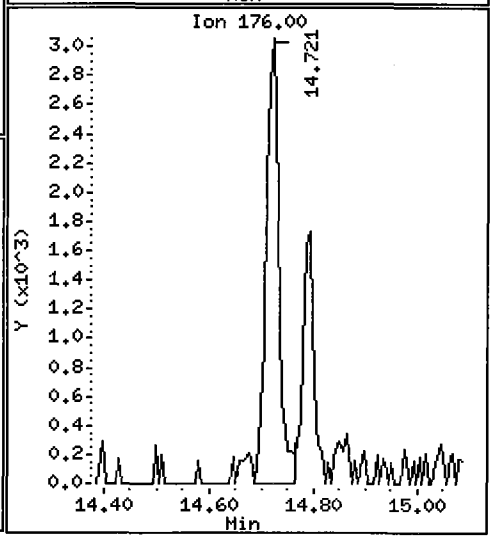












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

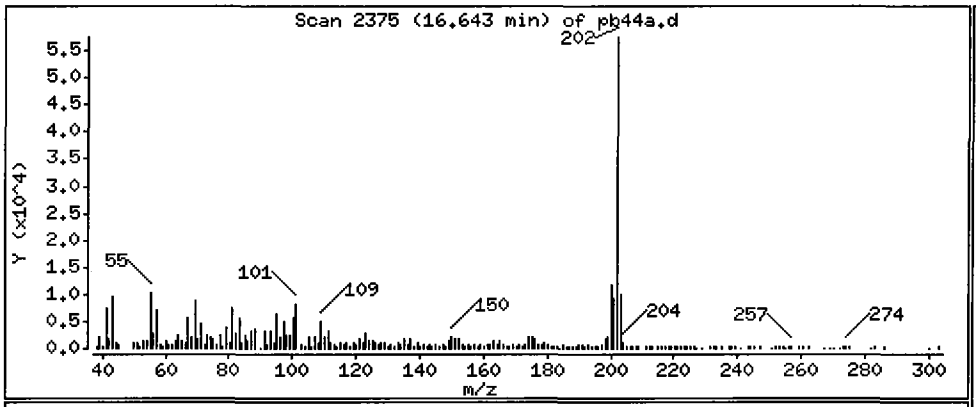
Operator: LJR/VTS

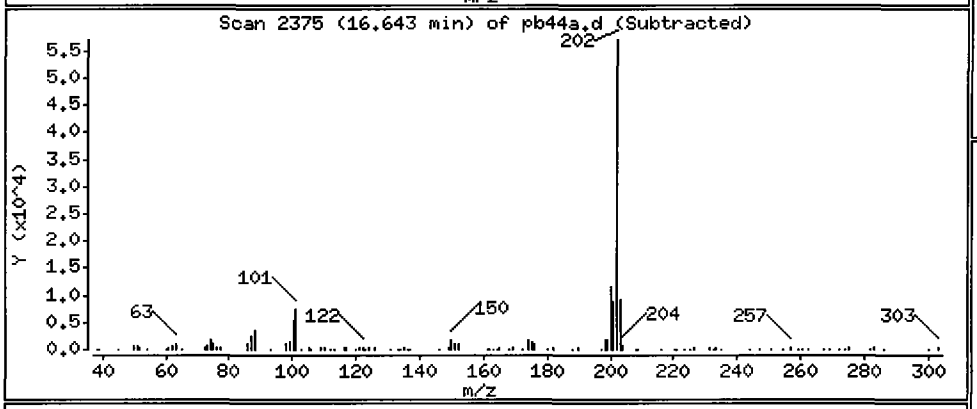
Column phase: ZB-5

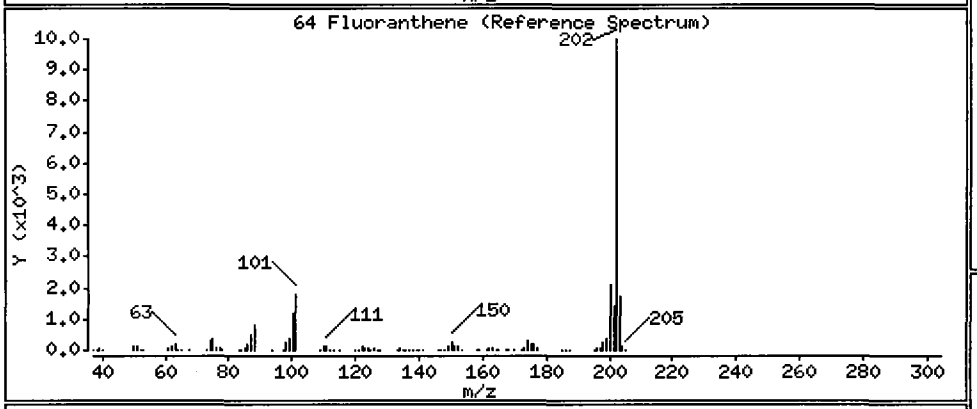
Column diameter: 0.32

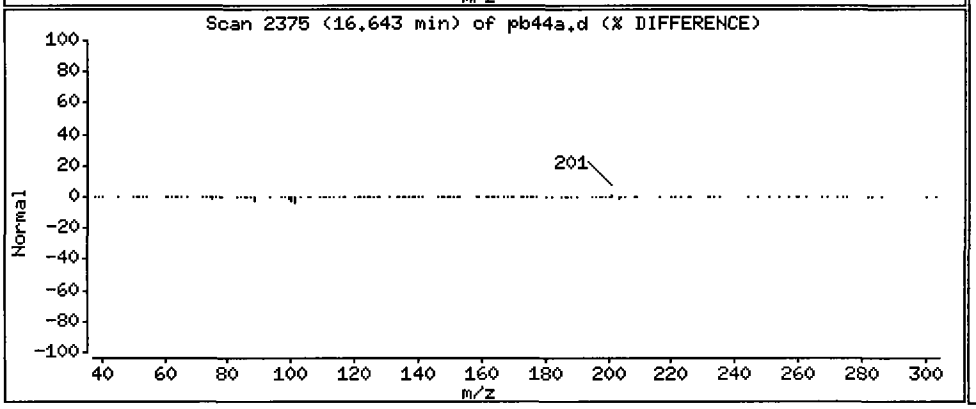
64 Fluoranthene

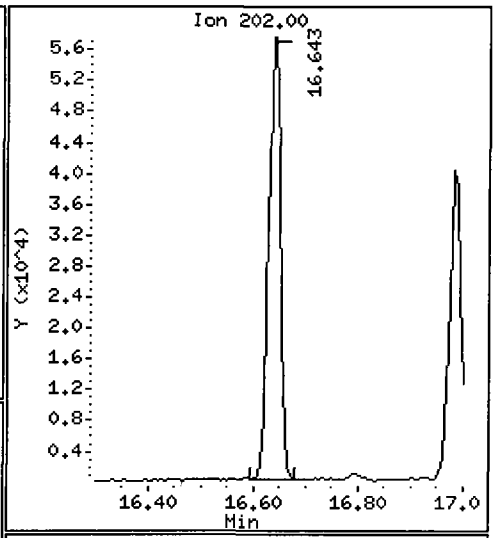
Concentration: 51.08 ug/kg

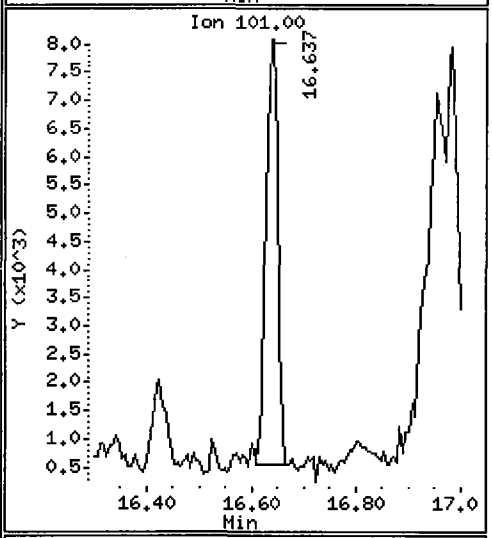


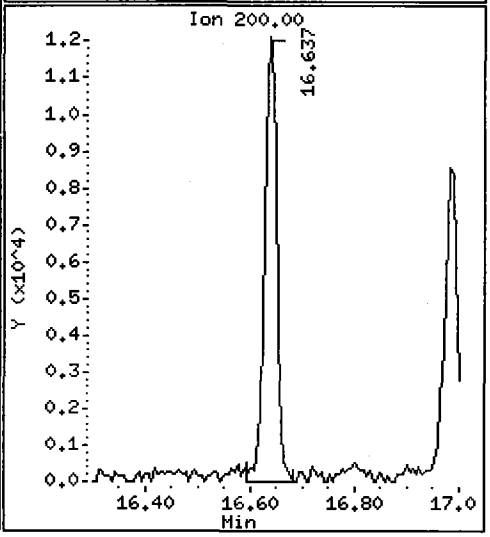












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

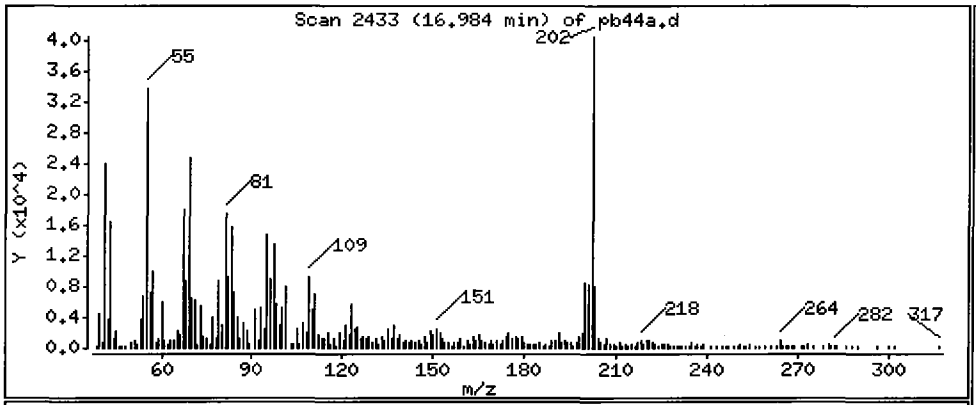
Operator: LJR/VTS

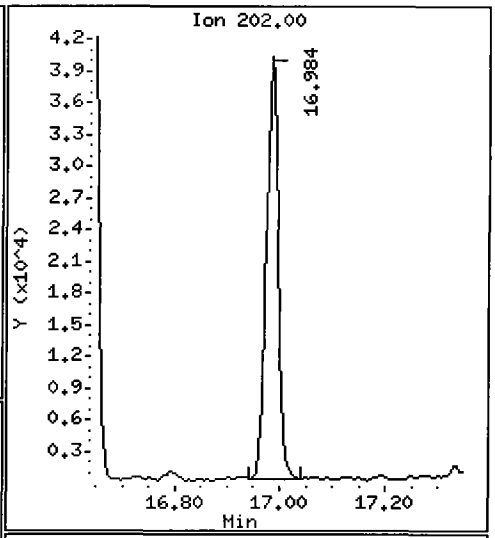
Column phase: ZB-5

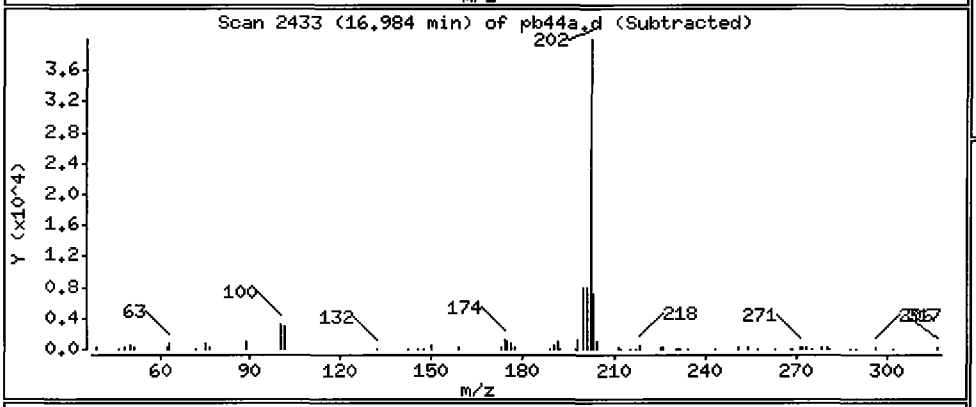
Column diameter: 0.32

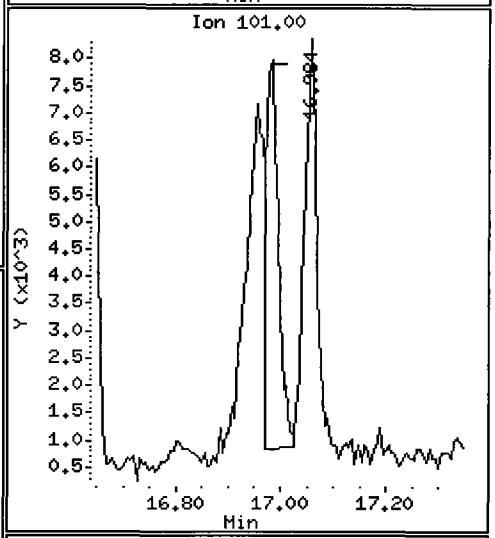
65 Pyrene

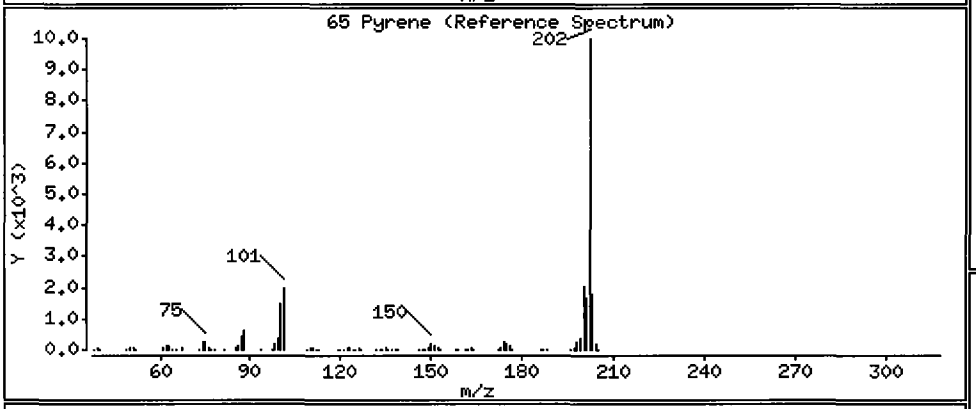
Concentration: 31.99 ug/kg

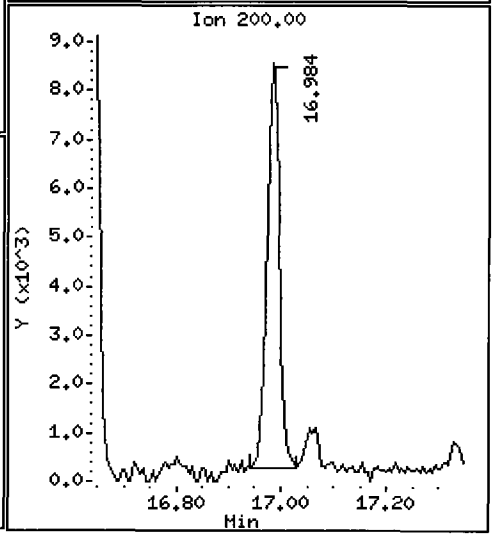


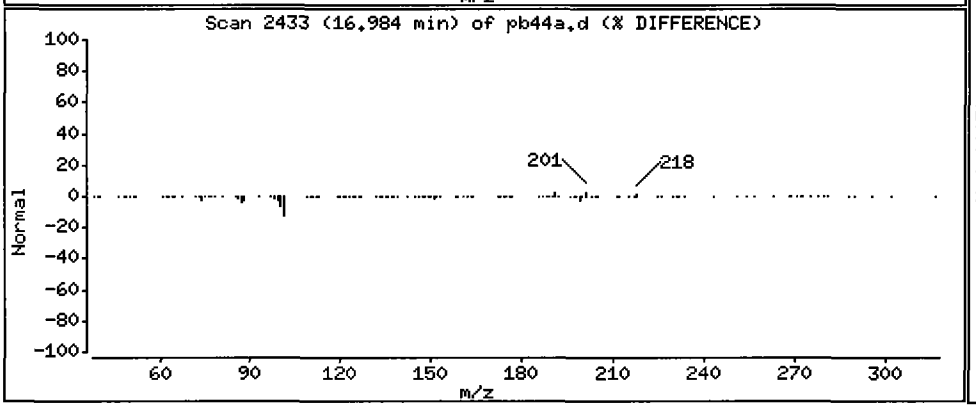












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

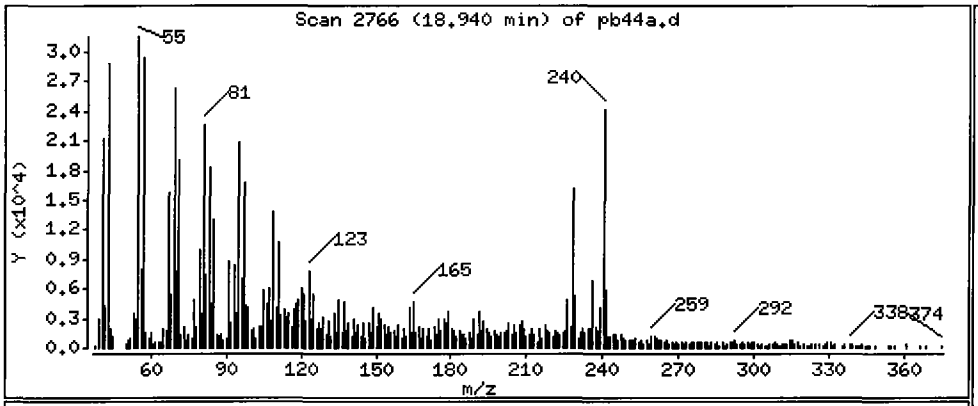
Operator: LJR/VTS

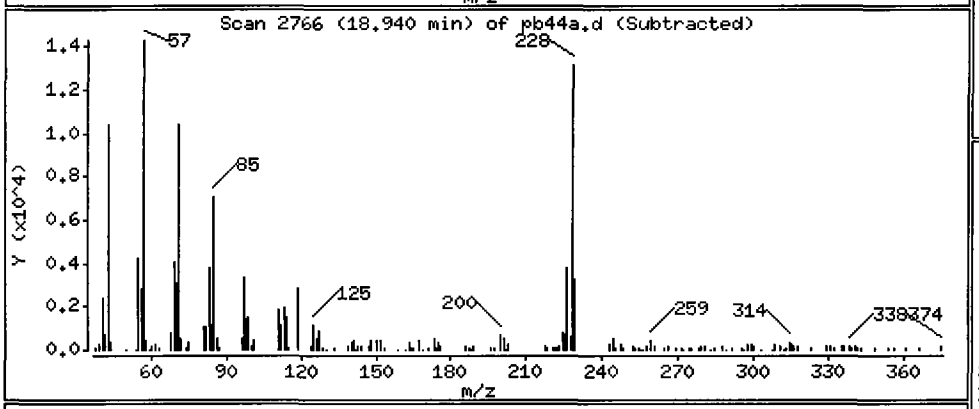
Column phase: ZB-5

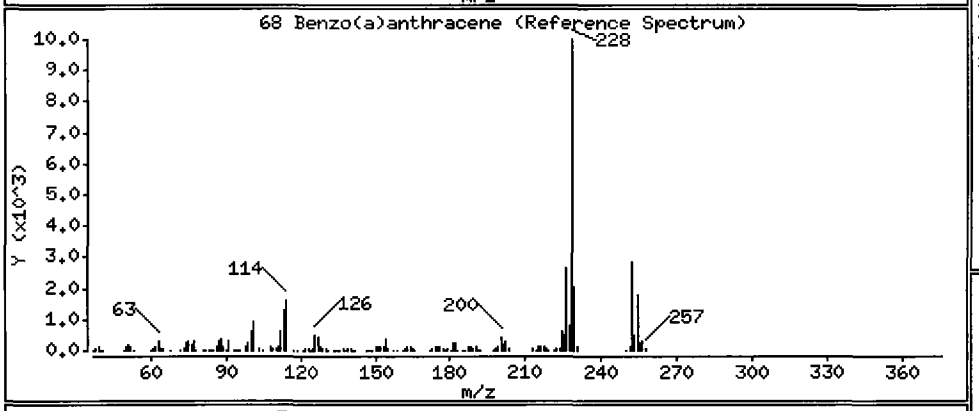
Column diameter: 0.32

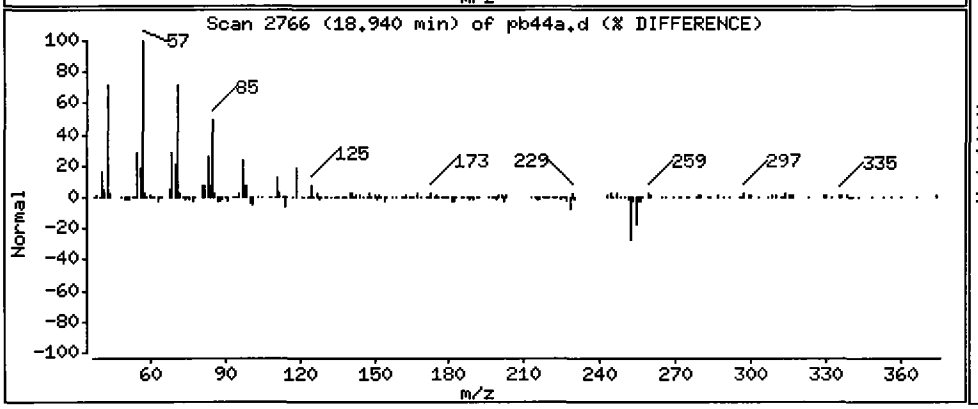
68 Benzo(a)anthracene

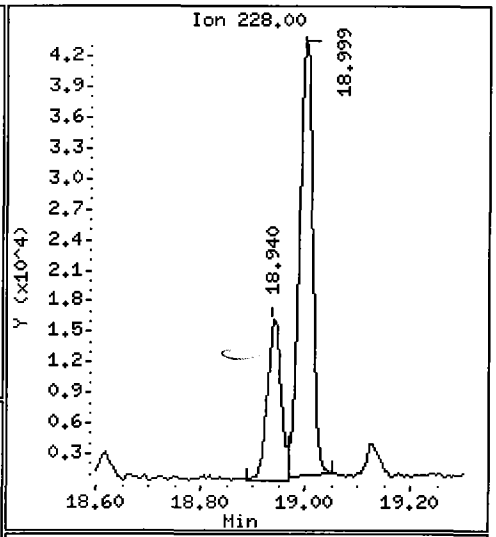
Concentration: 19.31 ug/kg

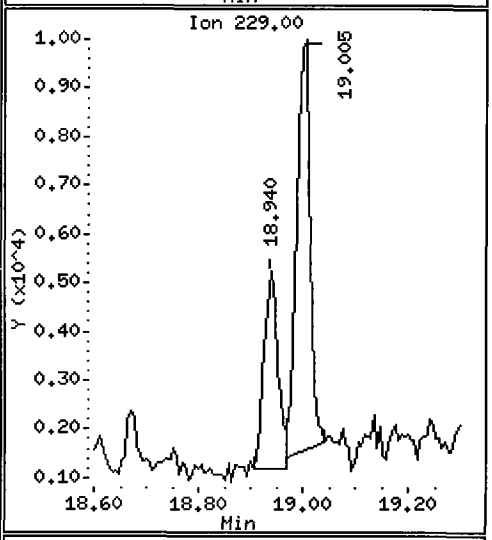


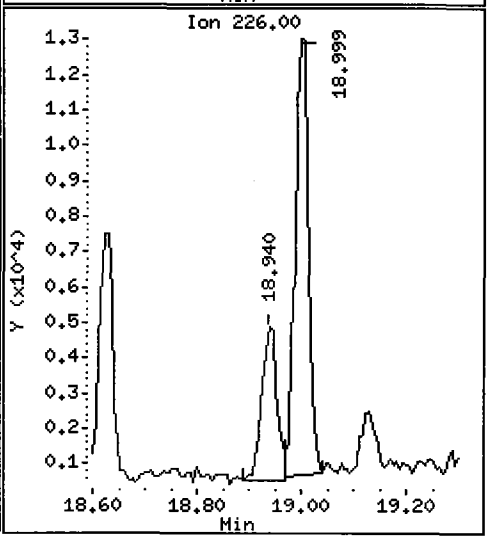












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

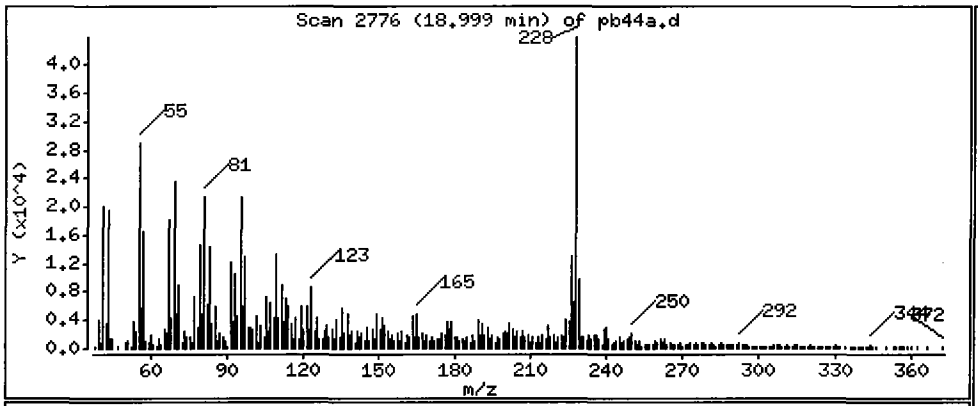
Operator: LJR/VTS

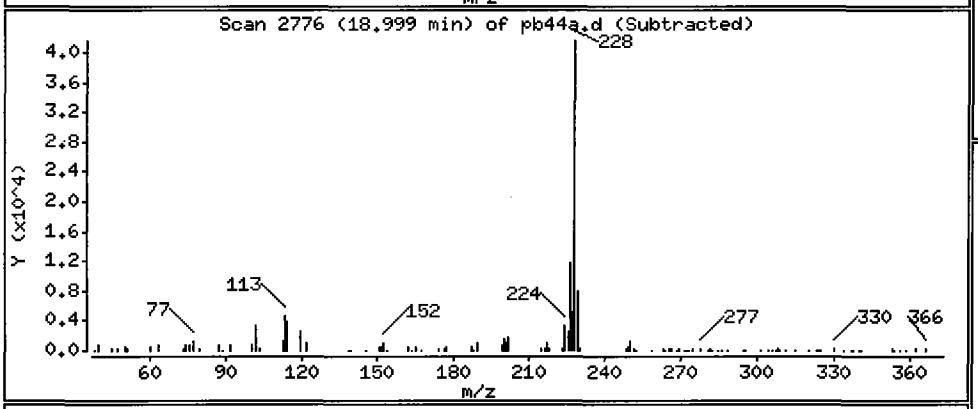
Column phase: ZB-5

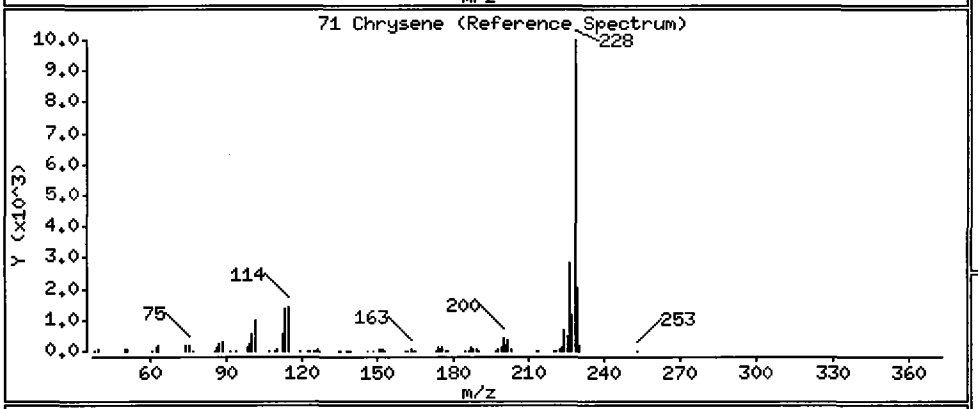
Column diameter: 0.32

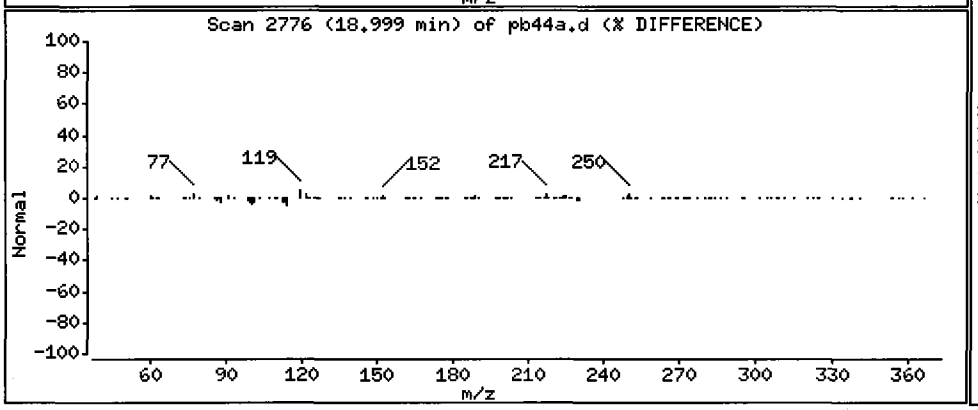
71 Chrysene

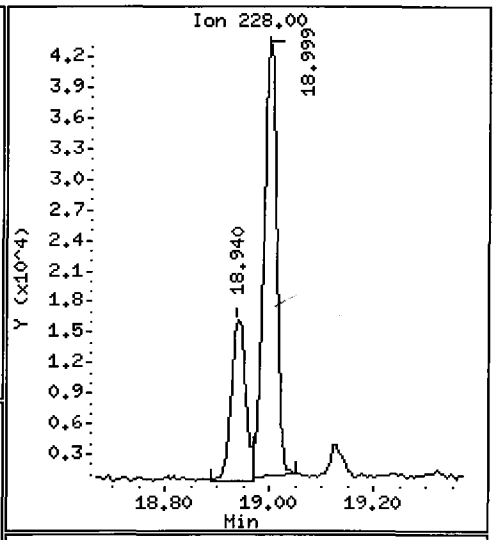
Concentration: 47.35 ug/kg

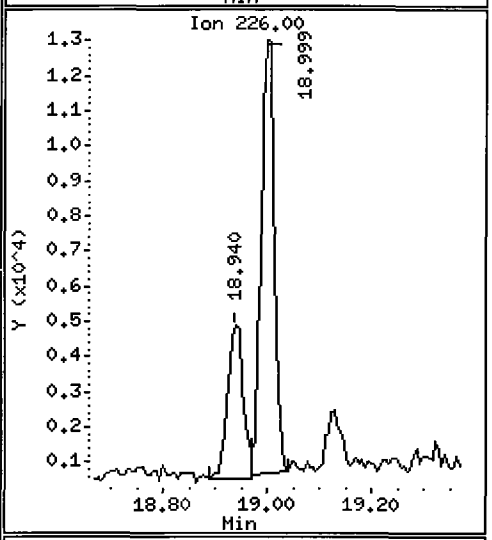


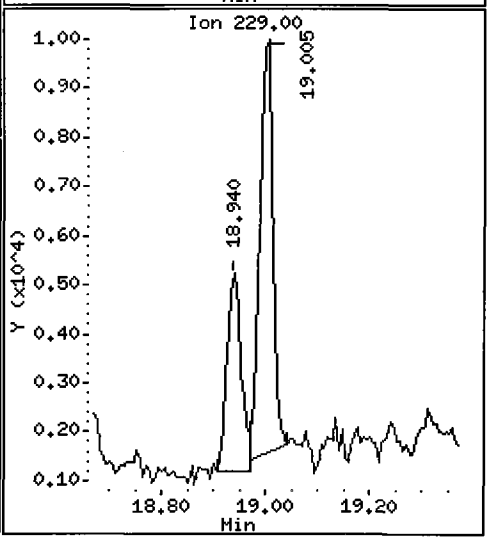












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

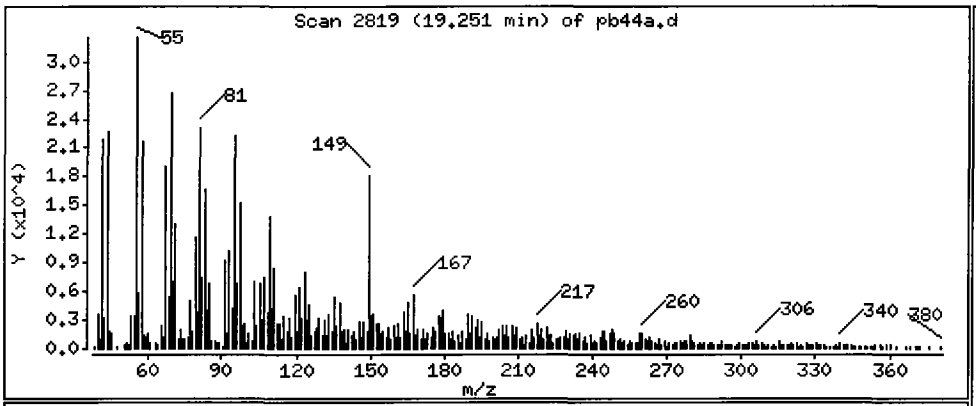
Operator: LJR/VTS

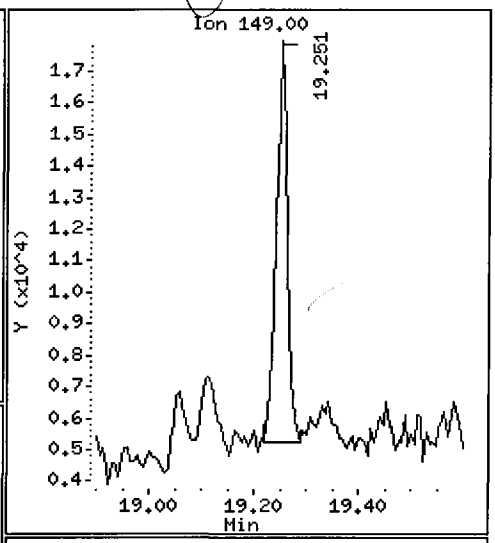
Column phase: ZB-5

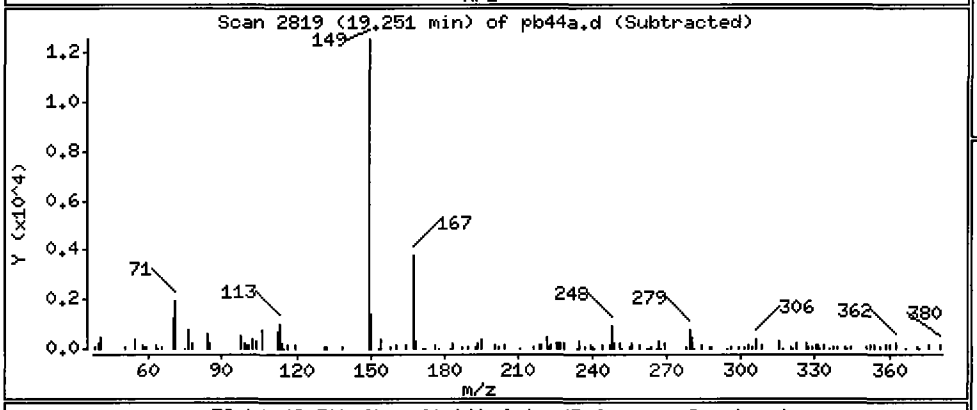
Column diameter: 0.32

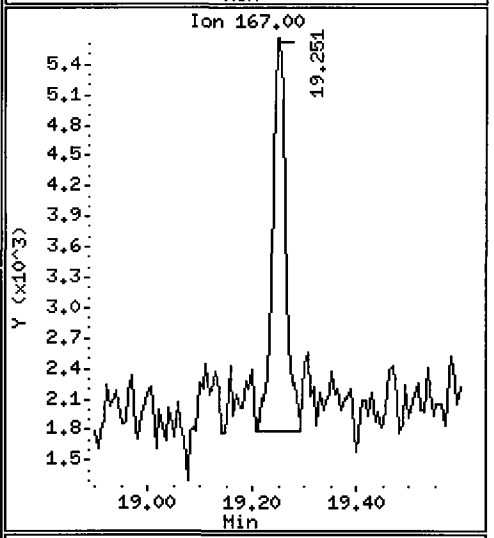
72 bis(2-Ethylhexyl)phthalate

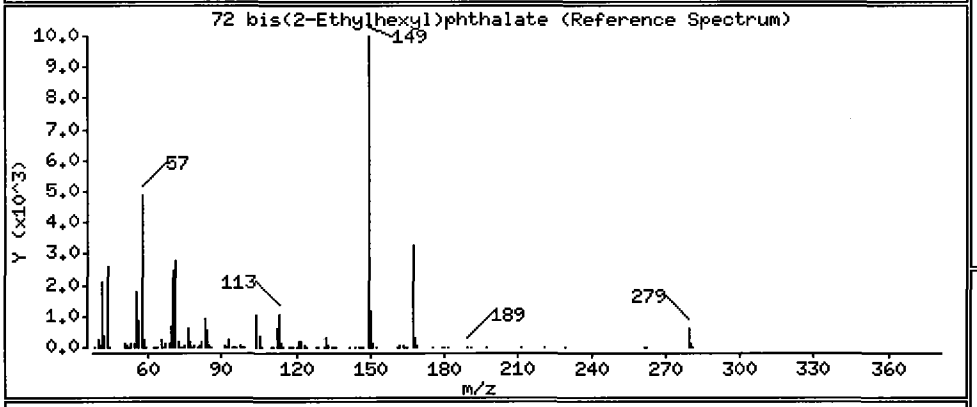
Concentration: 14.96 ug/kg

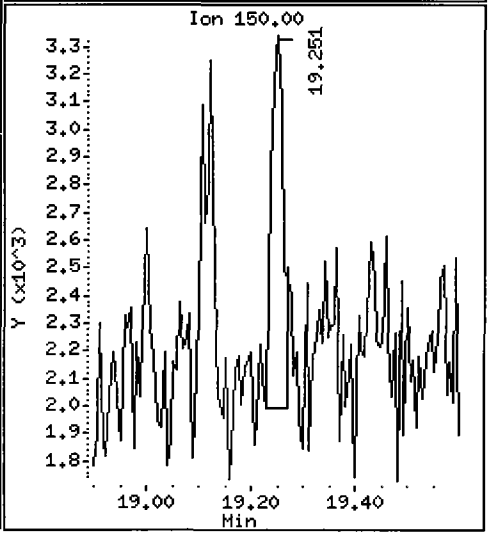


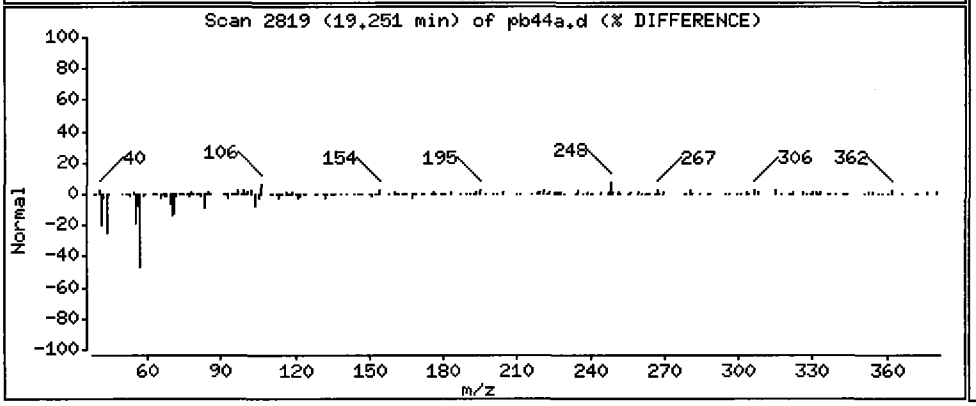












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

Operator: LJR/VTS

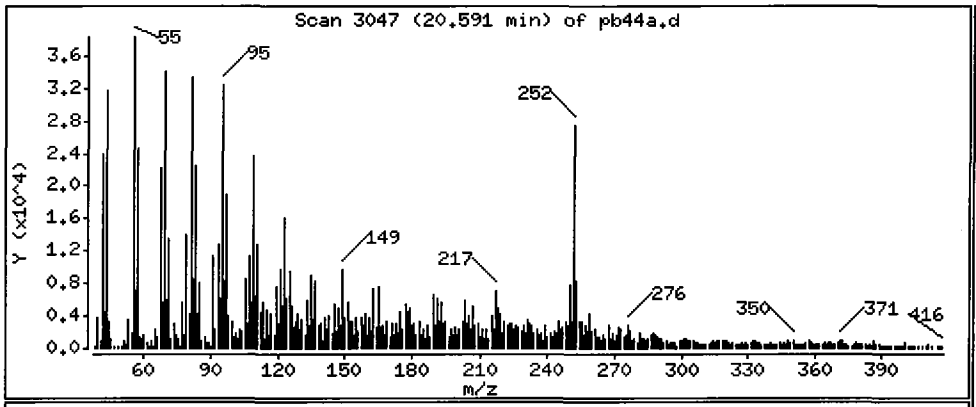
Column phase: ZB-5

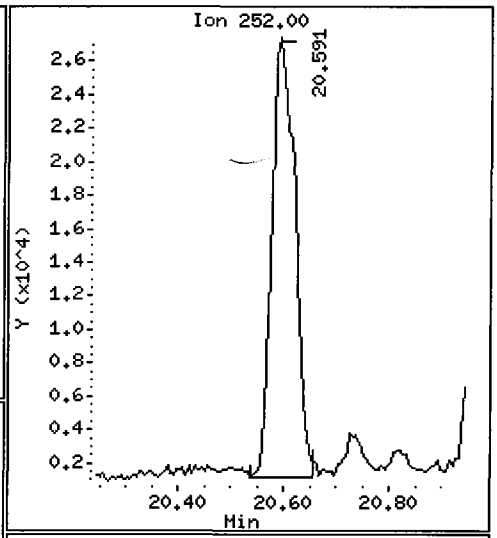
Column diameter: 0.32

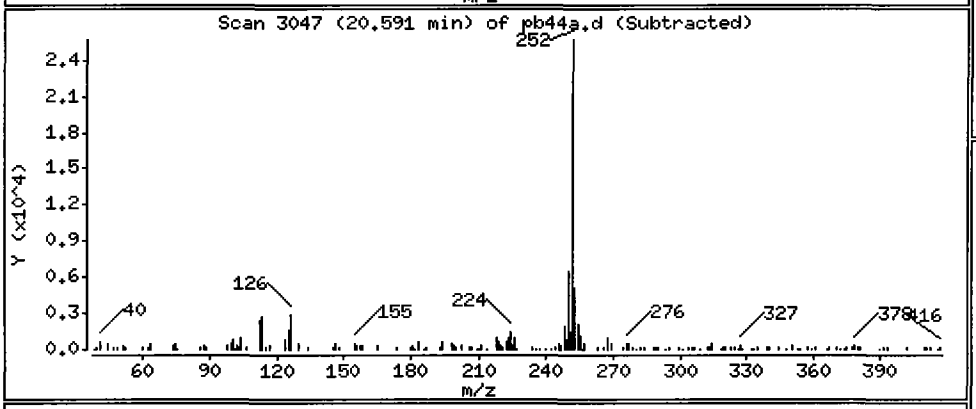
1/2

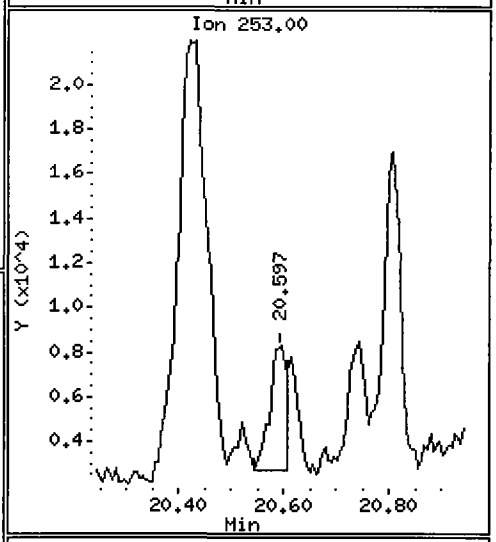
74 Benzo(b)fluoranthene

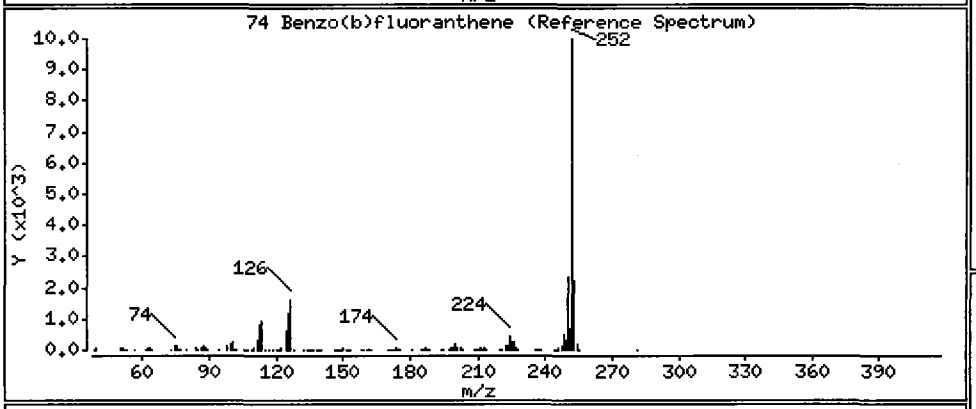
Concentration: 47.98 ug/kg

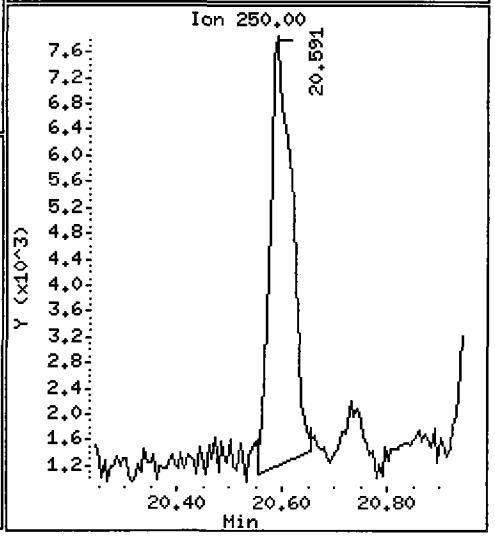


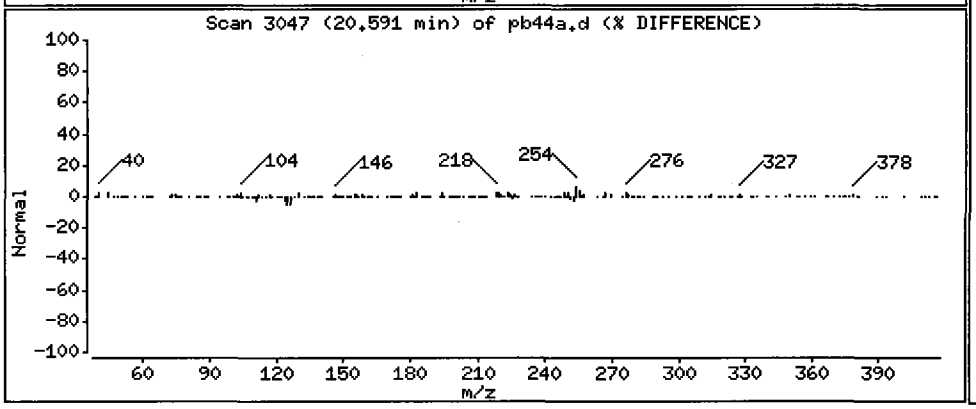












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

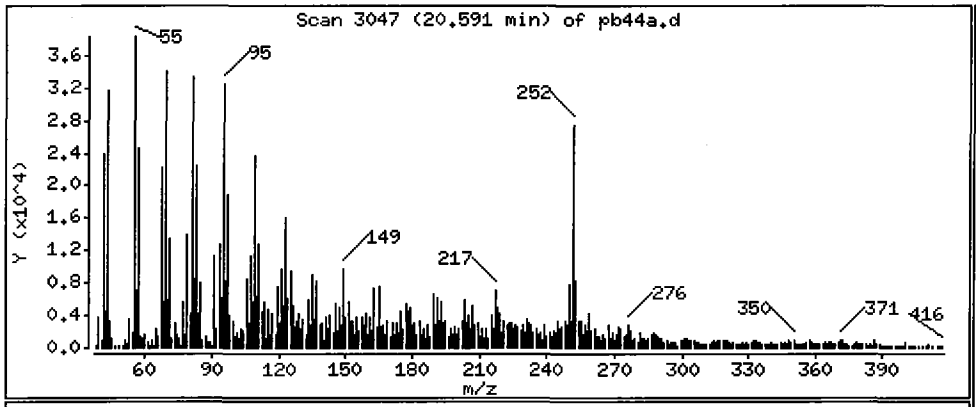
Operator: LJR/VTS

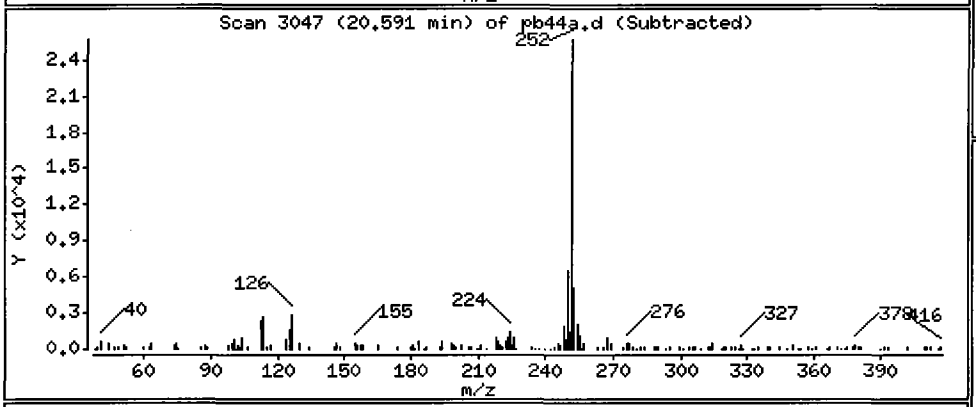
Column phase: ZB-5

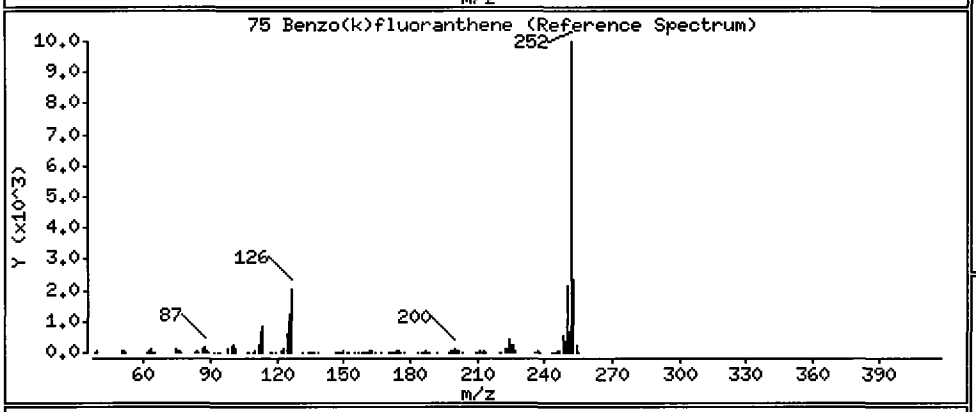
Column diameter: 0.32

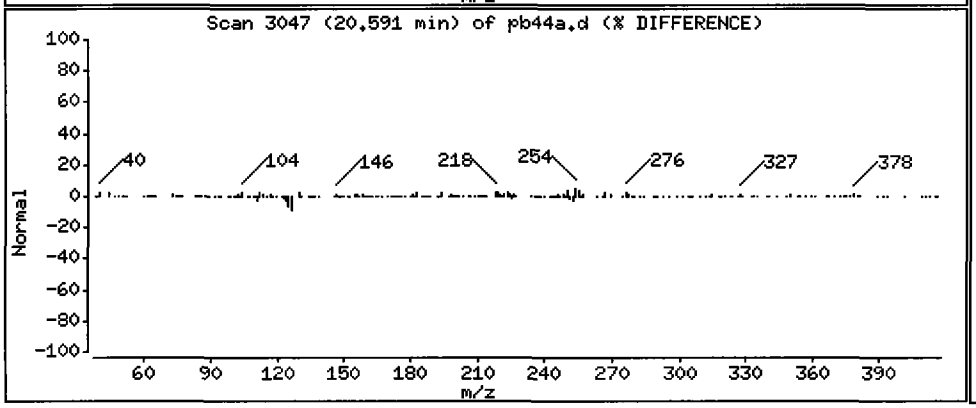
75 Benzo(k)fluoranthene

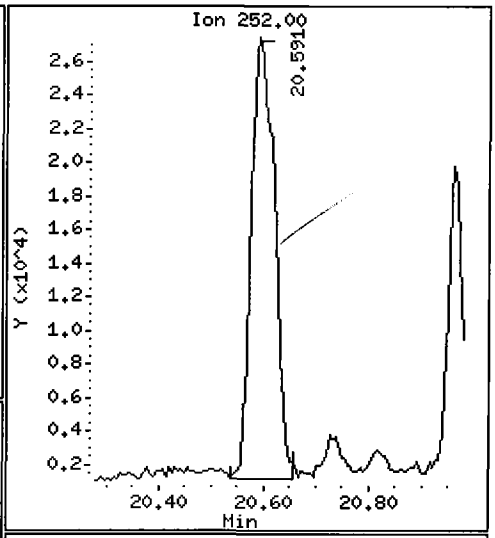
Concentration: 46.36 ug/kg

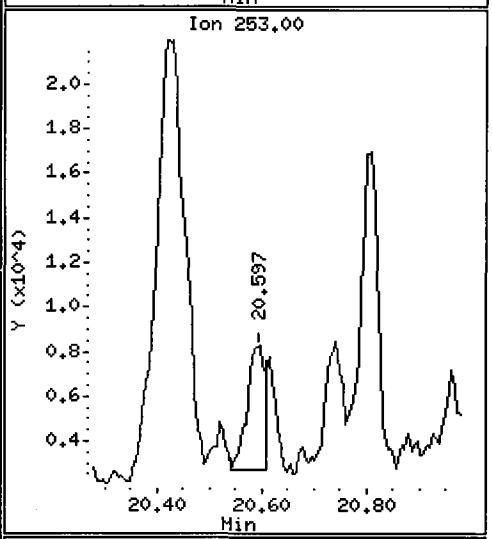


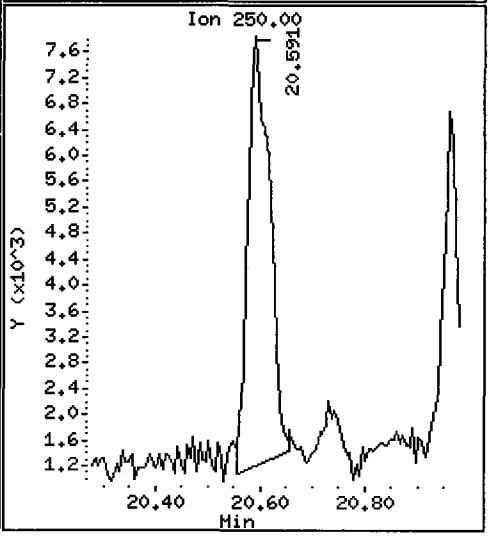












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

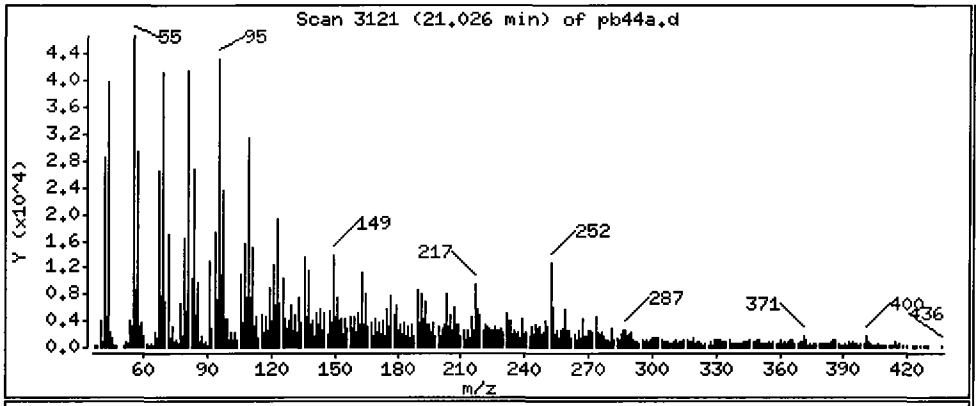
Operator: LJR/VTS

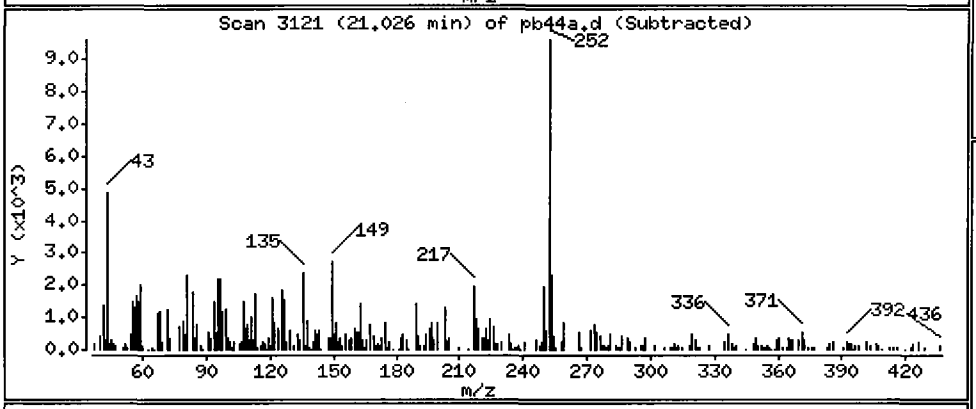
Column phase: ZB-5

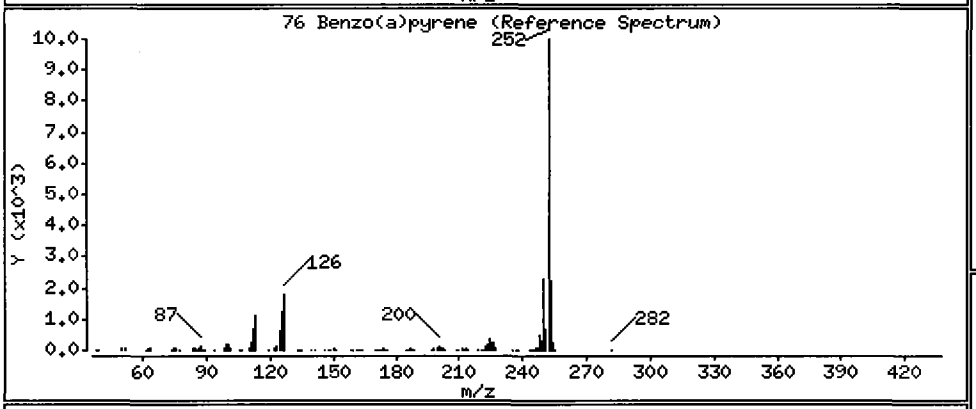
Column diameter: 0.32

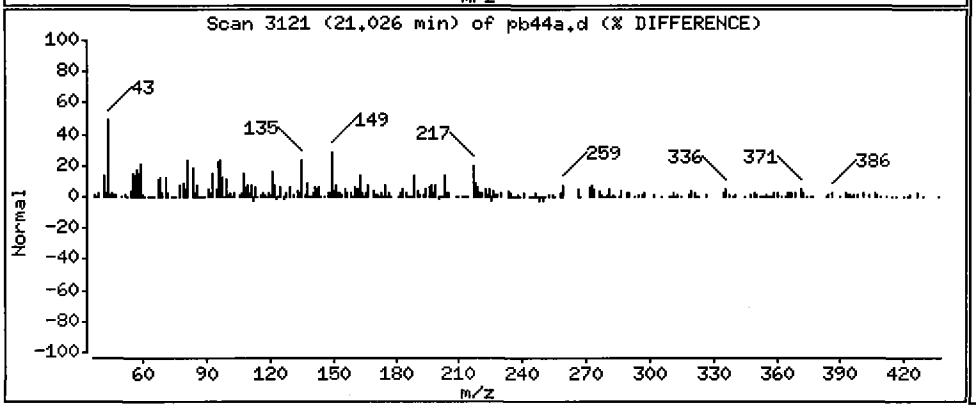
76 Benzo(a)pyrene

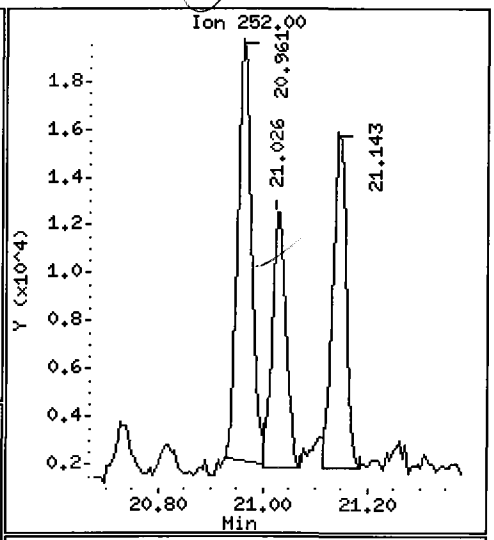
Concentration: 13.66 ug/kg

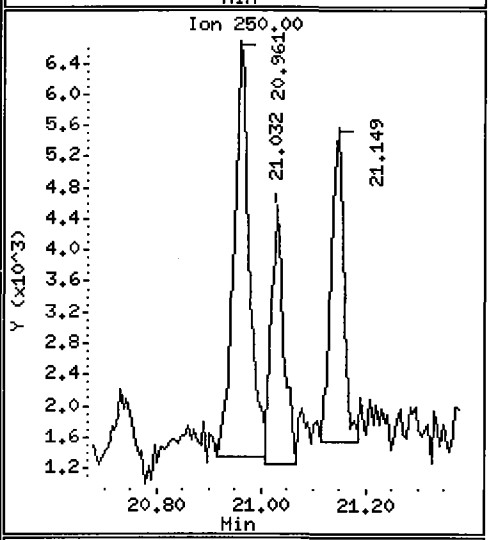


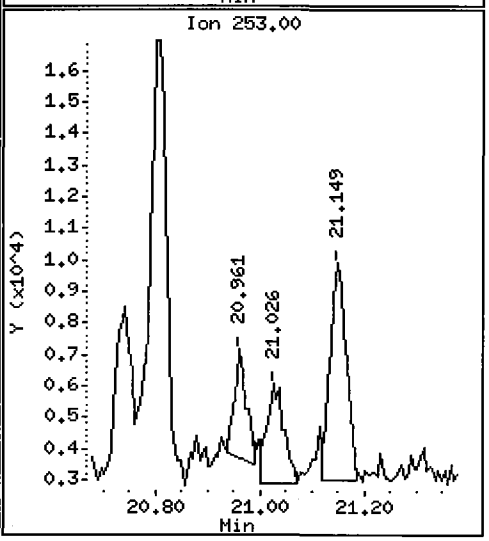












Data File: /chem3/nt4.i/20090616.b/pb44a.d

Date : 16-JUN-2009 14:49

Client ID: 3SED4-A

Instrument: nt4.i

Sample Info: PB44A

Volume Injected (uL): 1.0

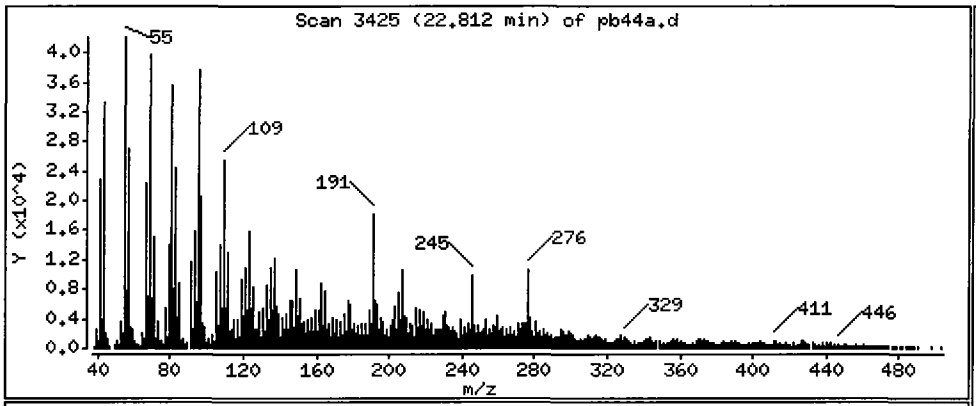
Operator: LJR/VTS

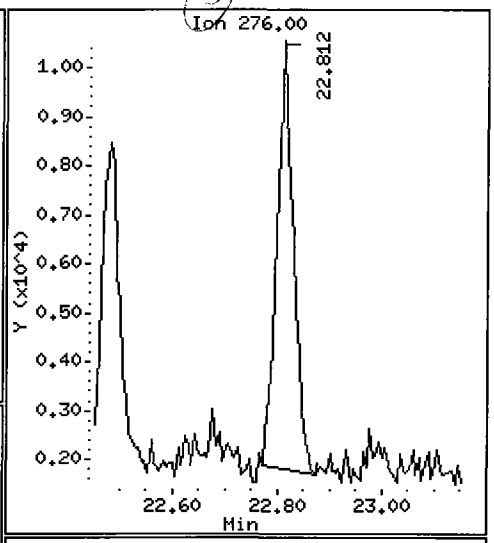
Column phase: ZB-5

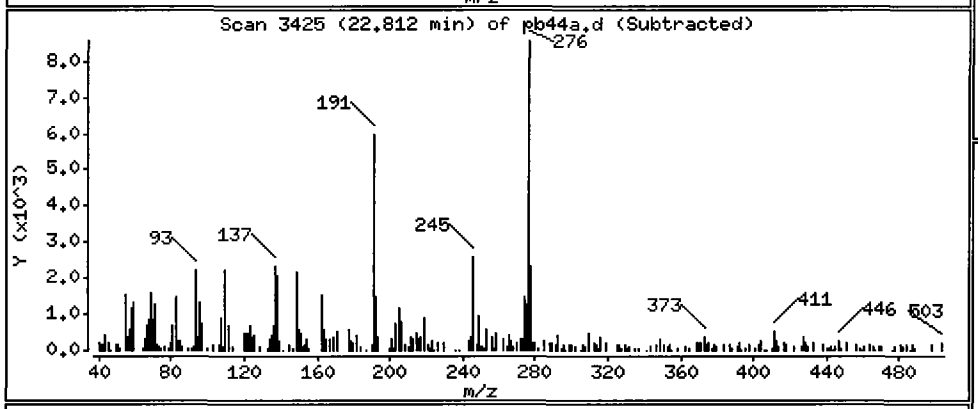
Column diameter: 0.32

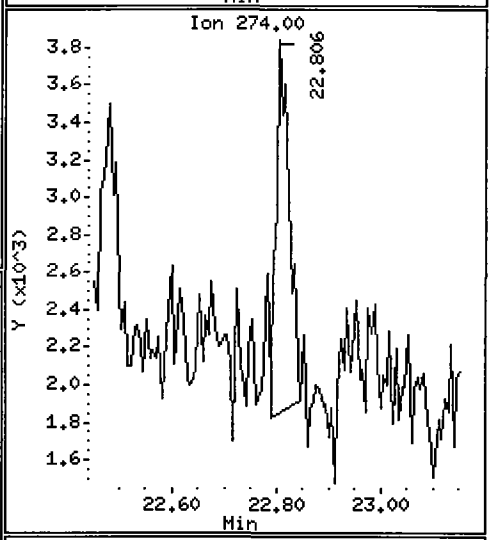
80 Benzo(g,h,i)perylene

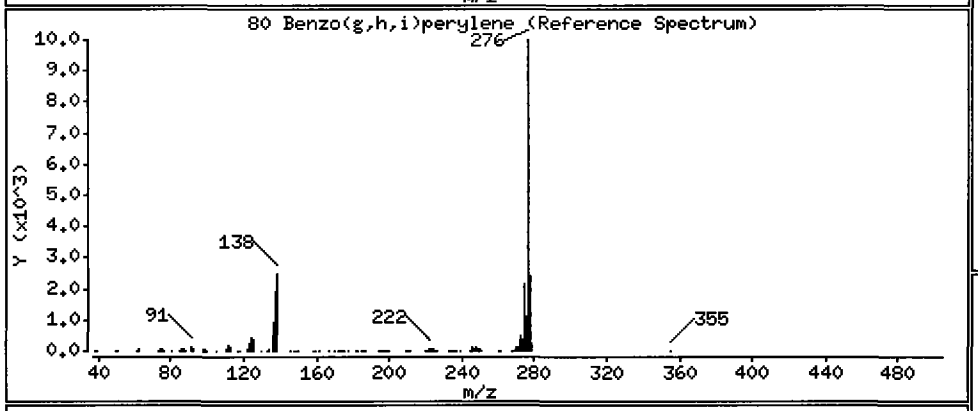
Concentration: 11.39 ug/kg

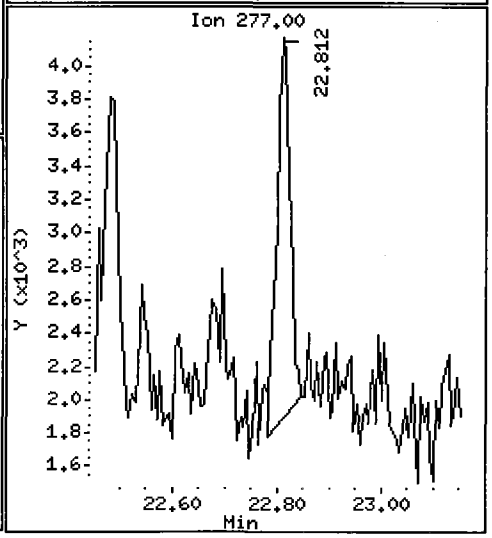


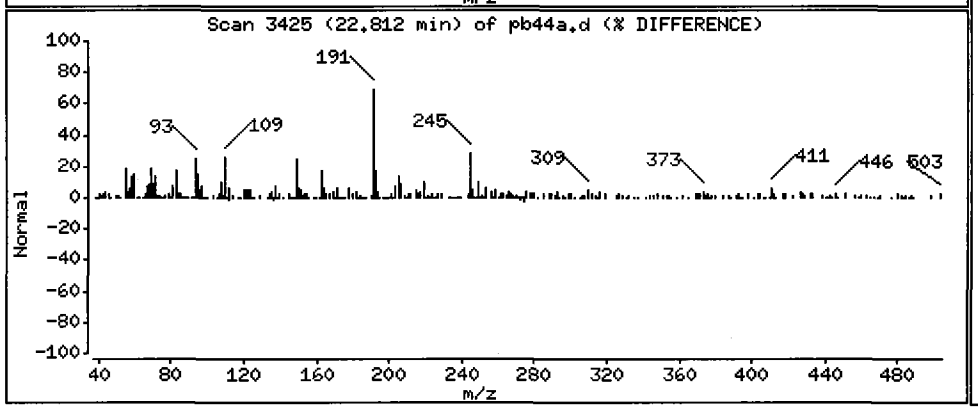












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED4-B
SAMPLE

Lab Sample ID: PB44B
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 15:23
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 26.1 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 22.5%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**19**	**61**
541-73-1	1,3-Dichlorobenzene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
100-51-6	Benzyl Alcohol	19	< 19 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
95-48-7	2-Methylphenol	19	< 19 U
106-44-5	**4-Methylphenol**	**19**	**18 J**
67-72-1	Hexachloroethane	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
65-85-0	Benzoic Acid	190	< 190 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
91-20-3	Naphthalene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
91-57-6	2-Methylnaphthalene	19	< 19 U
131-11-3	Dimethylphthalate	19	< 19 U
208-96-8	Acenaphthylene	19	< 19 U
83-32-9	Acenaphthene	19	< 19 U
132-64-9	Dibenzofuran	19	< 19 U
84-66-2	Diethylphthalate	19	< 19 U
86-73-7	Fluorene	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-86-5	Pentachlorophenol	96	< 96 U
85-01-8	**Phenanthrene**	**19**	**21**
120-12-7	**Anthracene**	**19**	**14 J**
84-74-2	Di-n-Butylphthalate	19	< 19 U
206-44-0	**Fluoranthene**	**19**	**71**
129-00-0	**Pyrene**	**19**	**54**
85-68-7	Butylbenzylphthalate	19	< 19 U
56-55-3	**Benzo(a)anthracene**	**19**	**26**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**19**	**21**
218-01-9	**Chrysene**	**19**	**45**
117-84-0	Di-n-Octyl phthalate	19	< 19 U
205-99-2	**Benzo(b)fluoranthene**	**19**	**24**
207-08-9	**Benzo(k)fluoranthene**	**19**	**24**
50-32-8	**Benzo(a)pyrene**	**19**	**21**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**19**	**11 J**
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
191-24-2	**Benzo(g,h,i)perylene**	**19**	**17 J**
90-12-0	1-Methylnaphthalene	19	< 19 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.0%	2-Fluorobiphenyl	72.0%
d14-p-Terphenyl	75.6%	d4-1,2-Dichlorobenzene	56.0%
d5-Phenol	72.0%	2-Fluorophenol	61.1%
2,4,6-Tribromophenol	91.5%	d4-2-Chlorophenol	73.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44b.d
Lab Smp Id: PB44B Client Smp ID: 3SED4-B
Inj Date : 16-JUN-2009 15:23
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44B
Misc Info : 09-12788
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	33.70000	Weight of sample extracted (g)
M	22.50000	% Moisture

Cpnd Variable Local Compound Variable

		QUANT SIG					CONCENTRATIONS	
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.511	5.475	(0.738)	281894	22.9460	439.3
$	2 Phenol-d5	99	7.180	7.091	(0.961)	451582	26.9944	516.8
	3 Phenol	94	7.203	7.114	(0.965)	60756	3.17913	60.86
$	5 2-Chlorophenol-d4	132	7.180	7.167	(0.961)	285833	27.6656	529.6
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.468	7.461	(1.000)	160340	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.761	7.761	(1.039)	105600	13.9997	268.0
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.278	8.272	(1.109)	12357	0.95952 LDL	18.37
$	18 Nitrobenzene-d5	82	8.402	8.401	(0.884)	258745	15.4604	296.0
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.500	9.506	(1.000)	589780	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.304	11.309	(0.916)	461487	18.0463	345.5
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.344	12.344	(1.000)	337370	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.631	13.636	(1.104)	106769	34.2566	655.8
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.694	14.694	(1.000)	558262	20.0000	
	60 Phenanthrene	178	14.730	14.735	(1.002)	38960	1.09350	20.93
	61 Anthracene	178	14.800	14.805	(1.007)	26333	0.72811 LDL	13.94
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.651	16.650	(1.133)	130658	3.69818	70.80
65	Pyrene	202	16.998	16.997	(0.896)	116792	2.84814	54.53
$ 66	Terphenyl-d14	244	17.344	17.338	(0.914)	463698	18.9477	362.7
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.954	18.948	(0.999)	44025	1.33907	25.64
* 69	Chrysene-d12	240	18.978	18.977	(1.000)	476287	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.013	19.018	(1.002)	75768	2.35664	45.12
72	bis(2-Ethylhexyl)phthalate	149	19.254	19.247	(0.953)	28264	1.09140	20.89(M)
* 134	Di-n-octylphthalate-d4	153	20.194	20.181	(1.000)	800726	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	20.611	20.593	(0.975)	87978	2.51520	48.15(M)
75	Benzo(k)fluoranthene	252	20.611	20.628	(0.975)	87978	2.43053	46.53(M)
76	Benzo(a)pyrene	252	21.052	21.027	(0.996)	33902	1.08432	20.76
* 77	Perylene-d12	264	21.134	21.110	(1.000)	500587	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.515	22.467	(1.065)	22726	0.57883	11.08(MH)
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	22.844	22.802	(1.081)	30851	0.86954	16.65(M)
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44b.d
Lab Smp Id: PB44B
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12788

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED4-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	160340	-11.23
27 Naphthalene-d8	633172	316586	1266344	589780	-6.85
42 Acenaphthene-d10	336916	168458	673832	337370	0.13
59 Phenanthrene-d10	514258	257129	1028516	558262	8.56
69 Chrysene-d12	376875	188438	753750	476287	26.38
134 Di-n-octylphthala	640574	320287	1281148	800726	25.00
77 Perylene-d12	383864	191932	767728	500587	30.41

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.47	0.09
27 Naphthalene-d8	9.51	9.01	10.01	9.50	-0.05
42 Acenaphthene-d10	12.34	11.84	12.84	12.34	0.01
59 Phenanthrene-d10	14.69	14.19	15.19	14.69	0.00
69 Chrysene-d12	18.98	18.48	19.48	18.98	0.00
134 Di-n-octylphthala	20.18	19.68	20.68	20.19	0.06
77 Perylene-d12	21.11	20.61	21.61	21.13	0.11

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44B
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12788

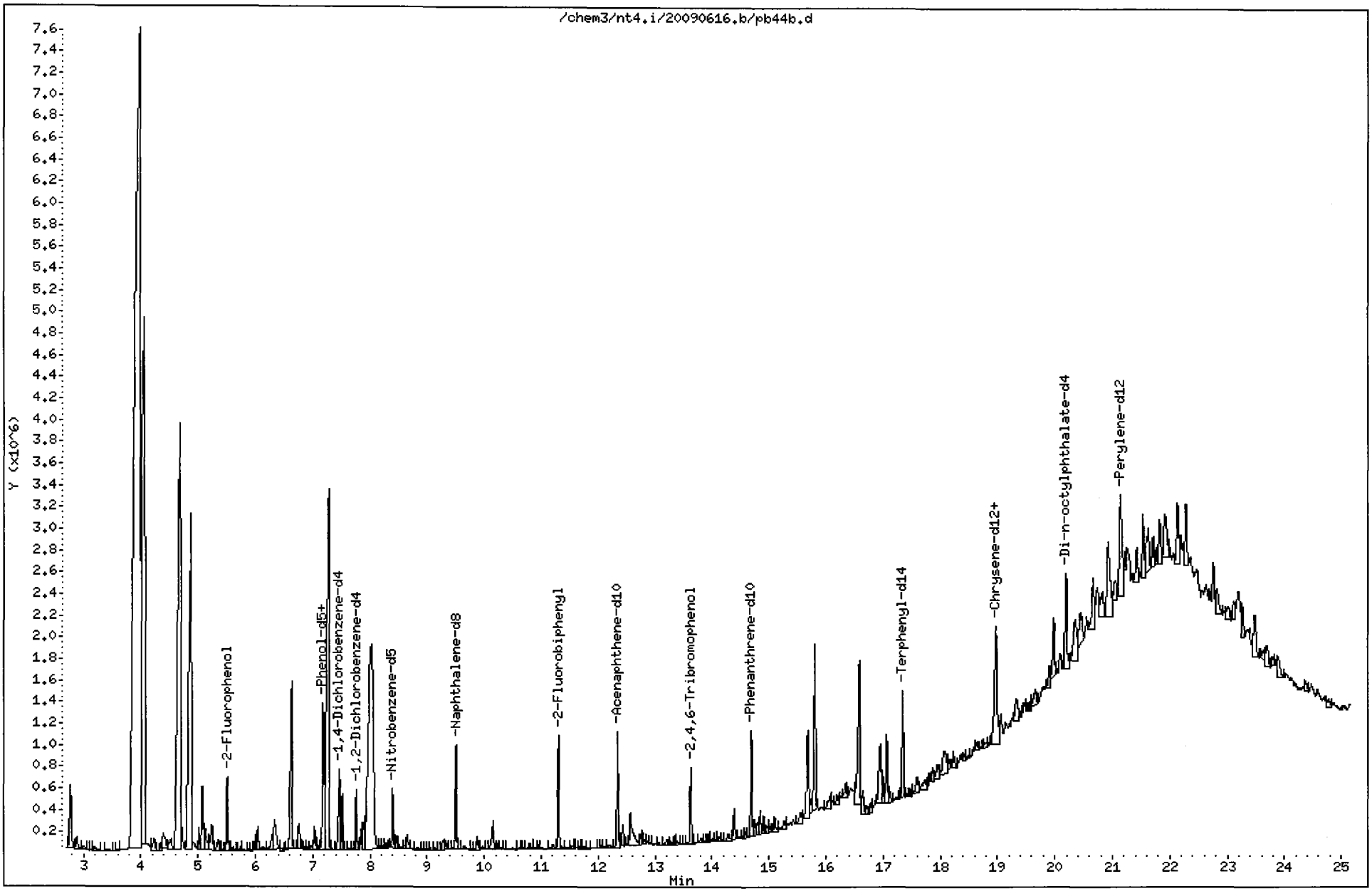
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED4-B
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	717.9	439.3	61.19	21-100
$ 2 Phenol-d5	717.9	516.8	71.99	10-100
$ 5 2-Chlorophenol-d4	717.9	529.6	73.77	30-100
$ 10 1,2-Dichlorobenzen	478.6	268.0	56.00	24-100
$ 18 Nitrobenzene-d5	478.6	296.0	61.84	26-100
$ 36 2-Fluorobiphenyl	478.6	345.5	72.19	32-100
$ 55 2,4,6-Tribromophen	717.9	655.8	91.35	33-118
$ 66 Terphenyl-d14	478.6	362.7	75.79	21-97

Data File: /chem3/nt4.i/20090616.b/pb44b.d
Date : 16-JUN-2009 15:23
Client ID: 3SED4-B
Sample Info: PB44B
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

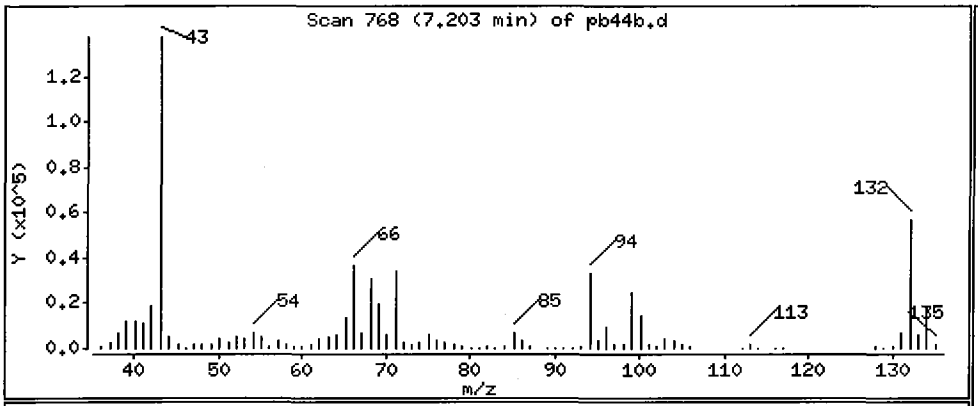
Operator: LJR/VTS

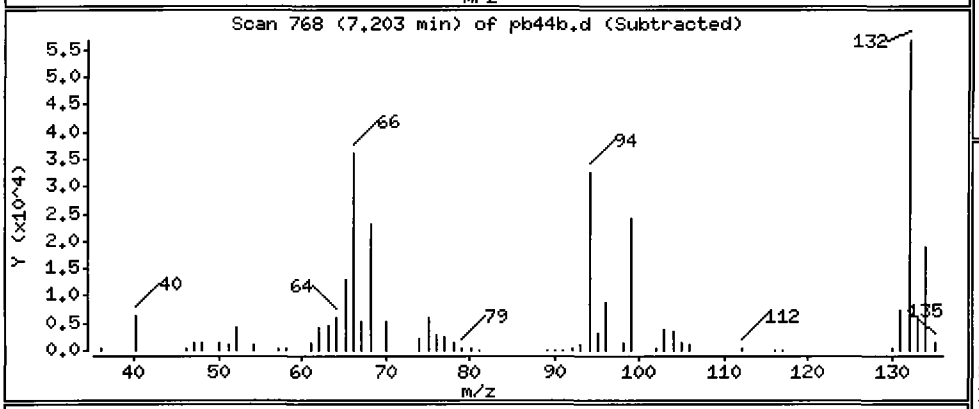
Column phase: ZB-5

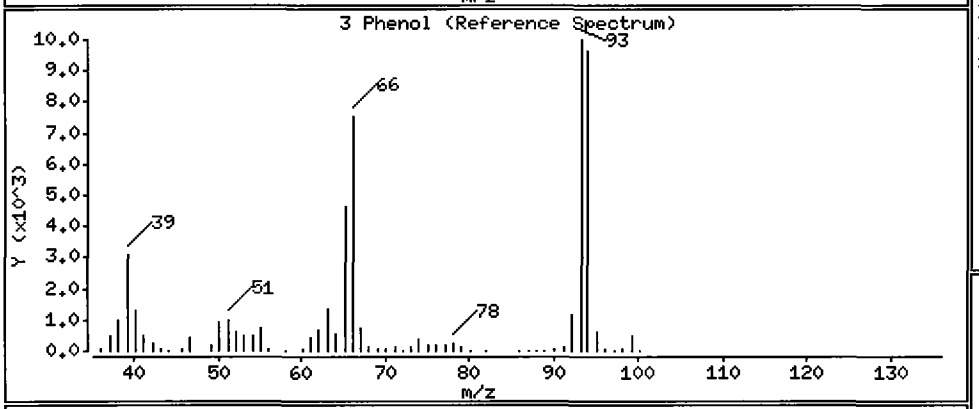
Column diameter: 0.32

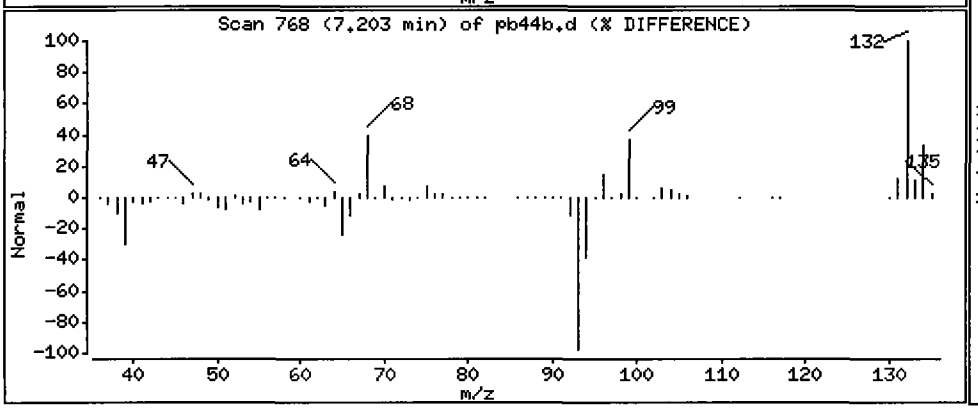
3 Phenol

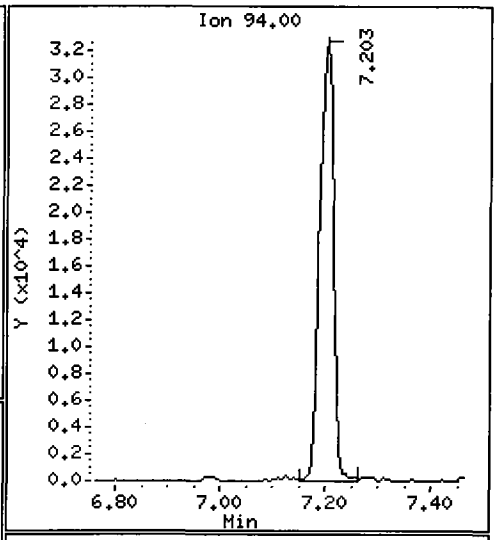
Concentration: 60.86 ug/kg

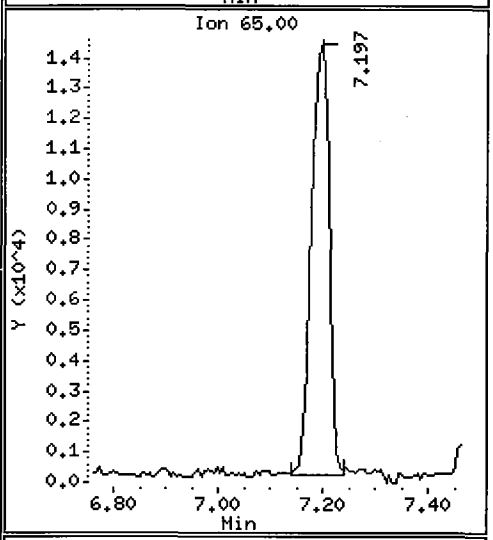


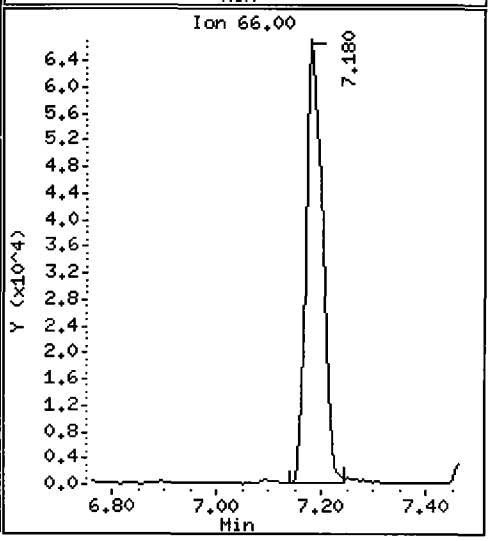












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

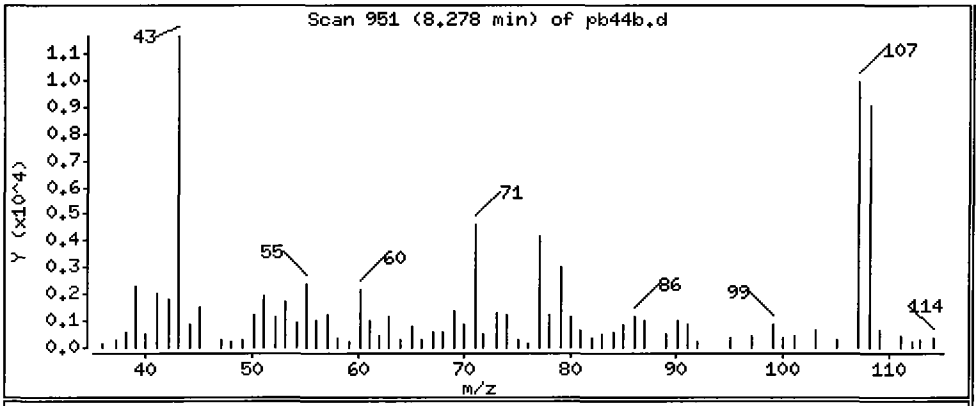
Operator: LJR/VTS

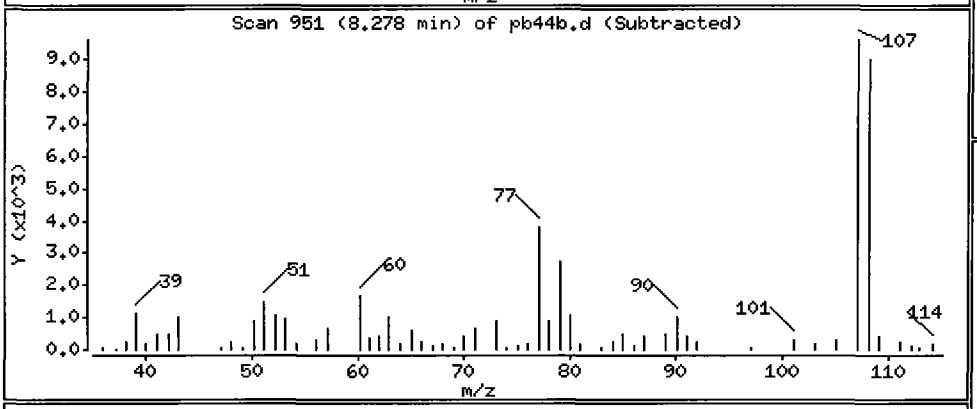
Column phase: ZB-5

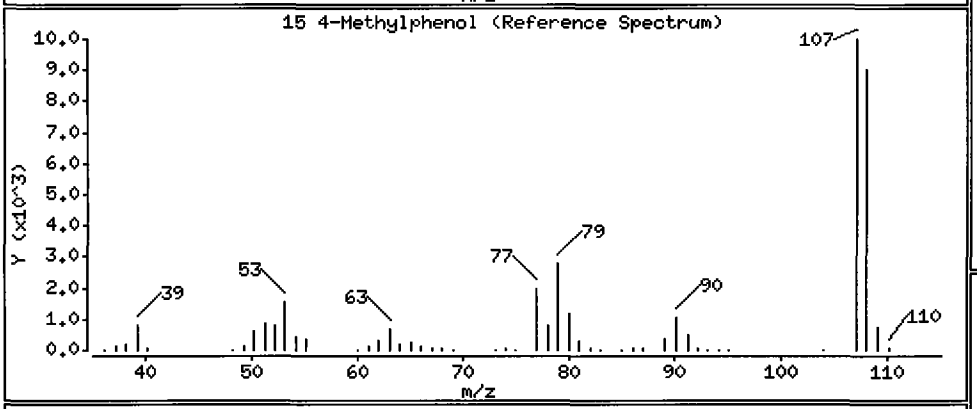
Column diameter: 0.32

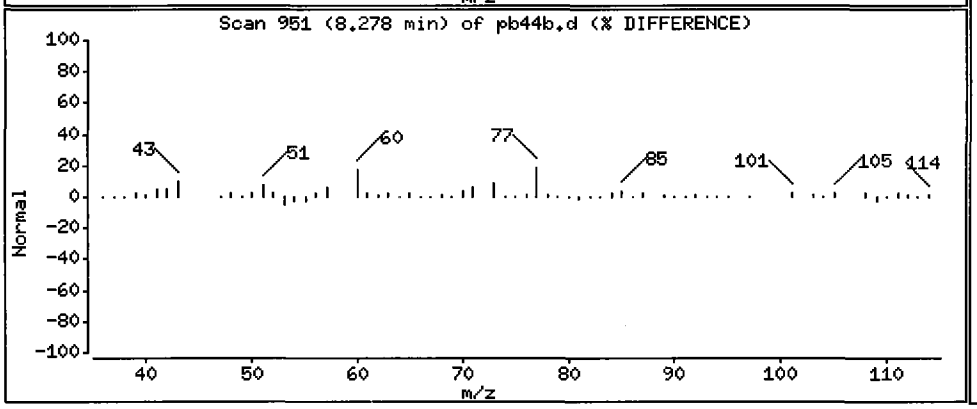
15 4-Methylphenol

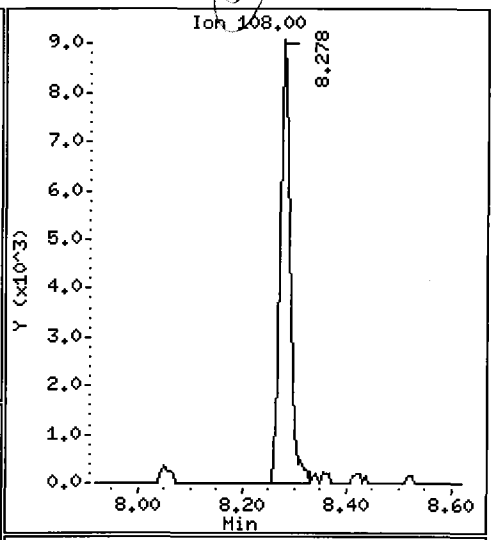
Concentration: 18.37 ug/kg

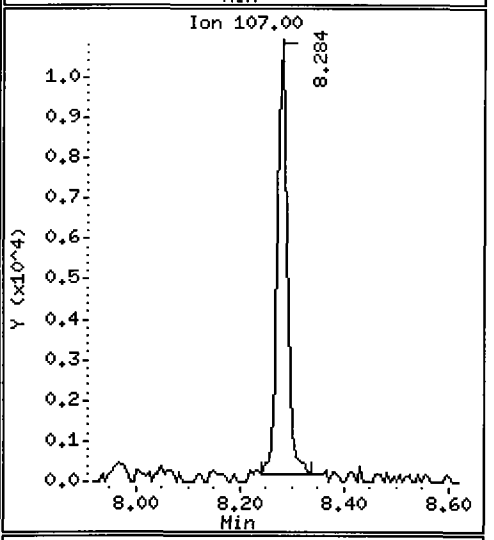


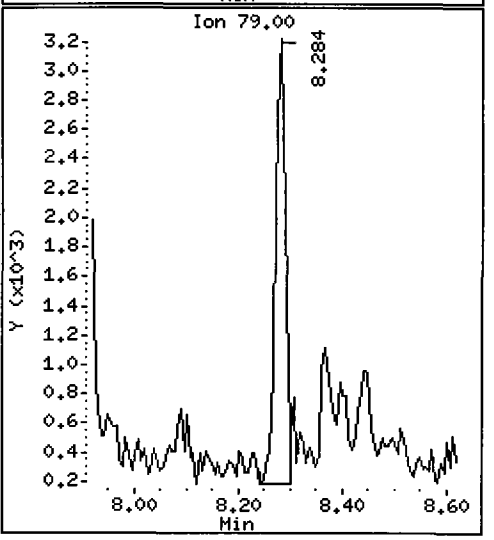












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

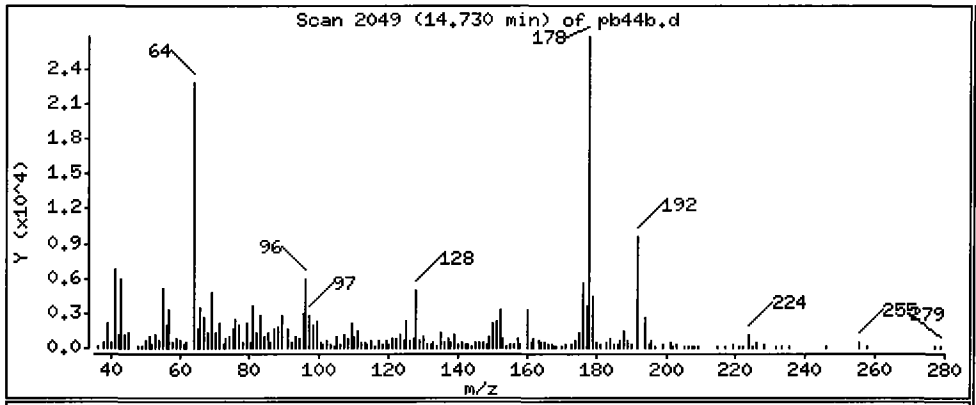
Operator: LJR/VTS

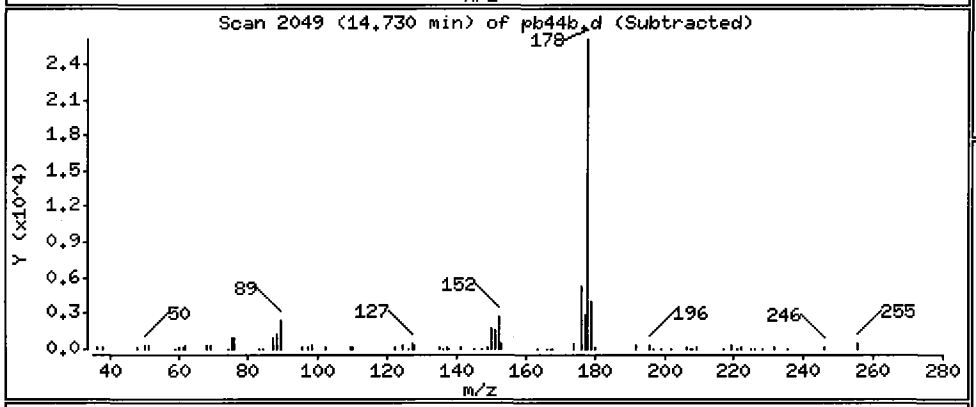
Column phase: ZB-5

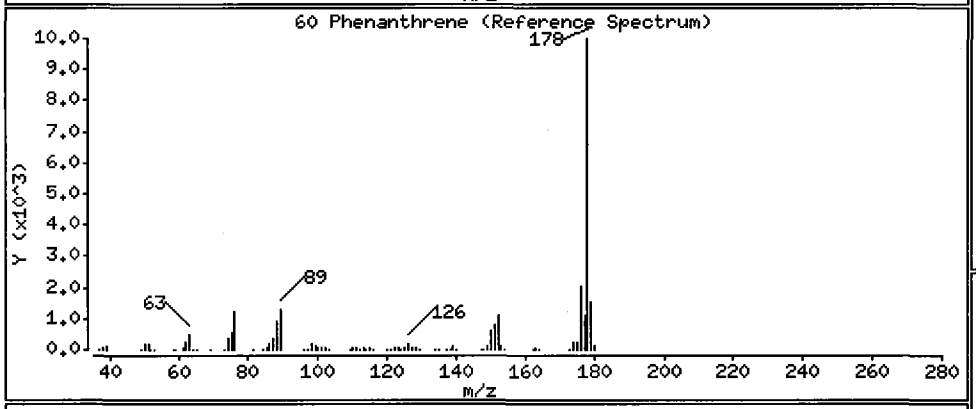
Column diameter: 0.32

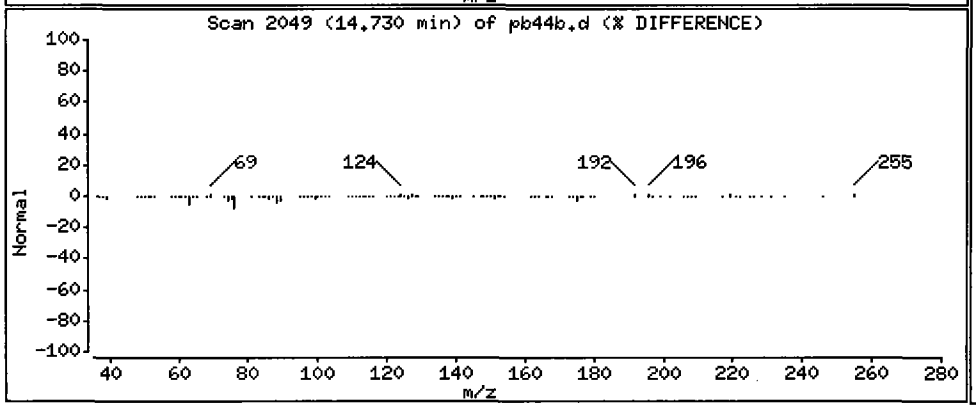
60 Phenanthrene

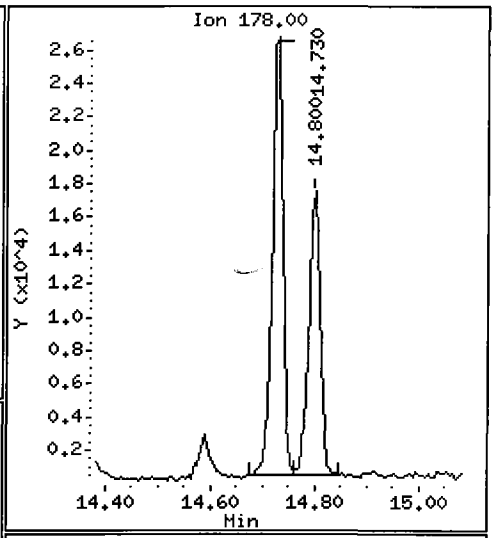
Concentration: 20.93 ug/kg

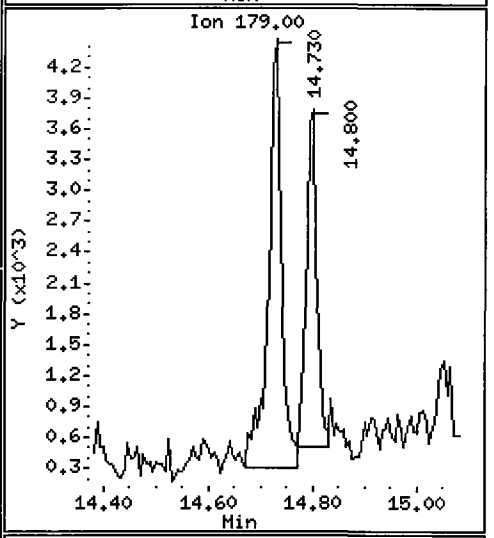


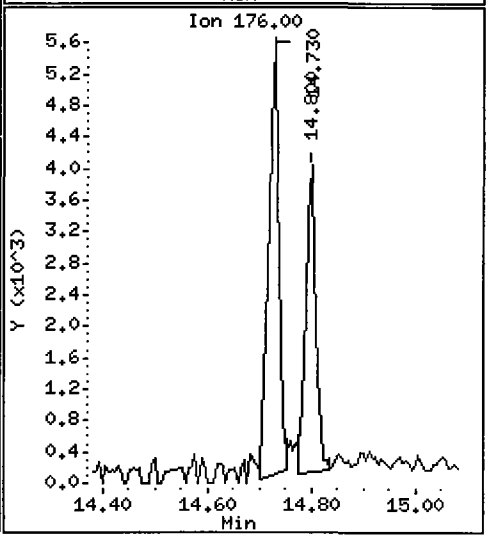












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

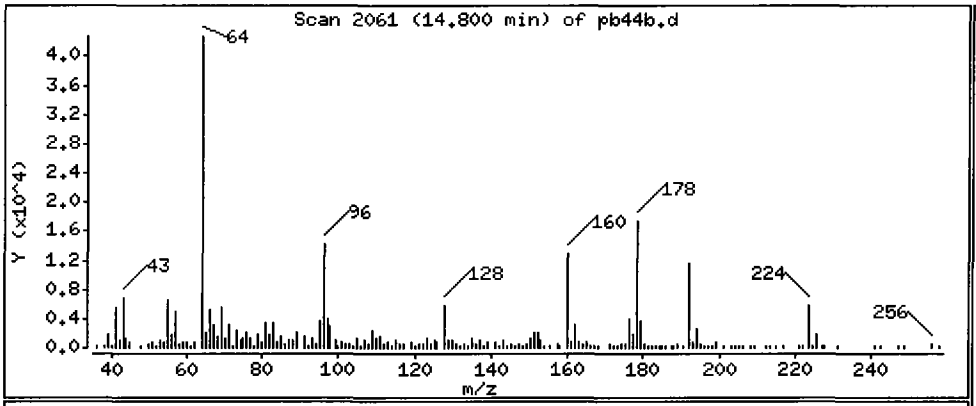
Operator: LJR/VTS

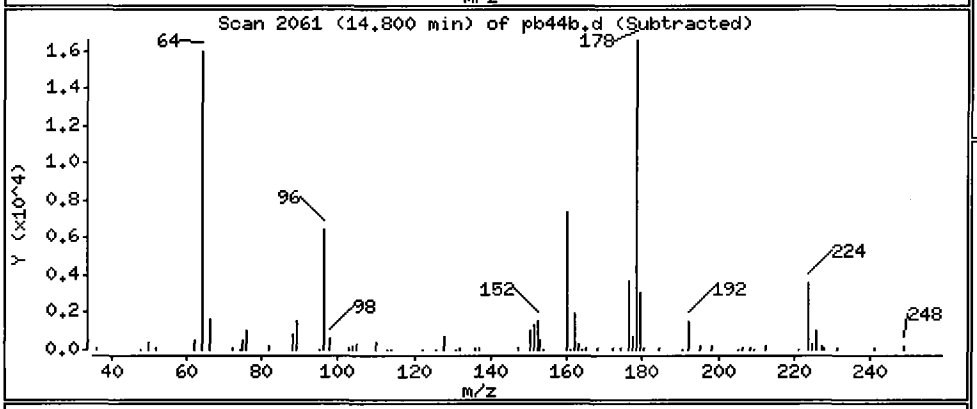
Column phase: ZB-5

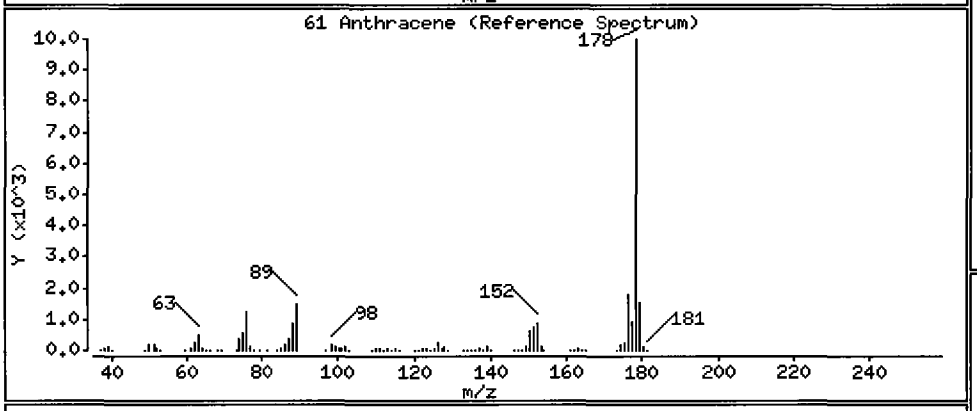
Column diameter: 0.32

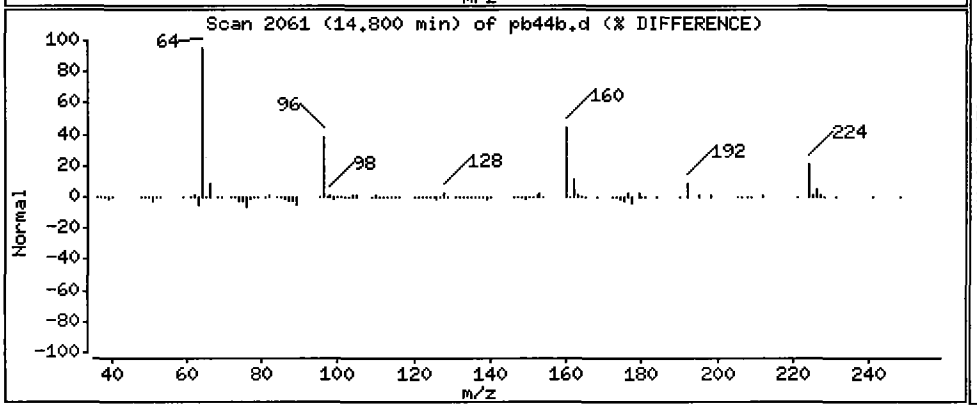
61 Anthracene

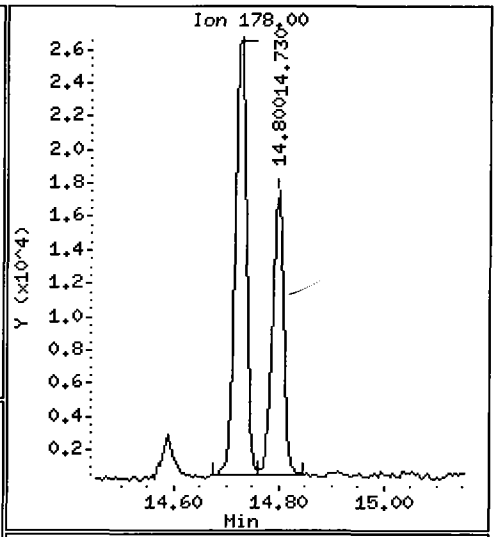
Concentration: 13.94 ug/kg

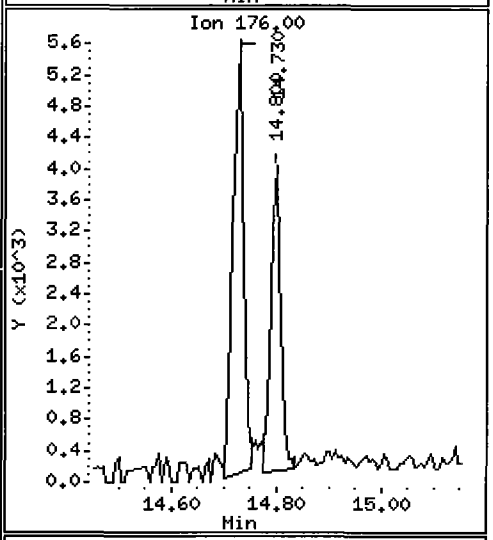


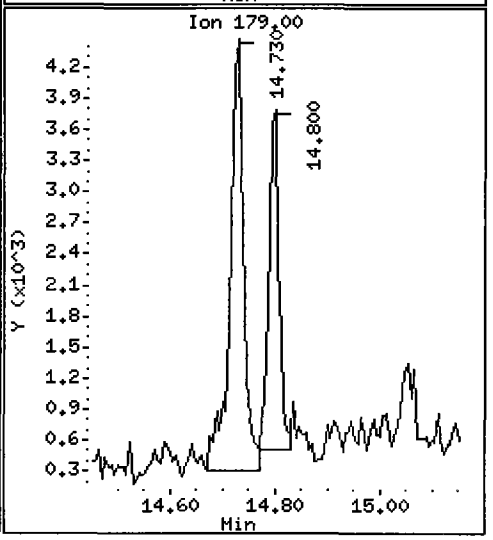












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

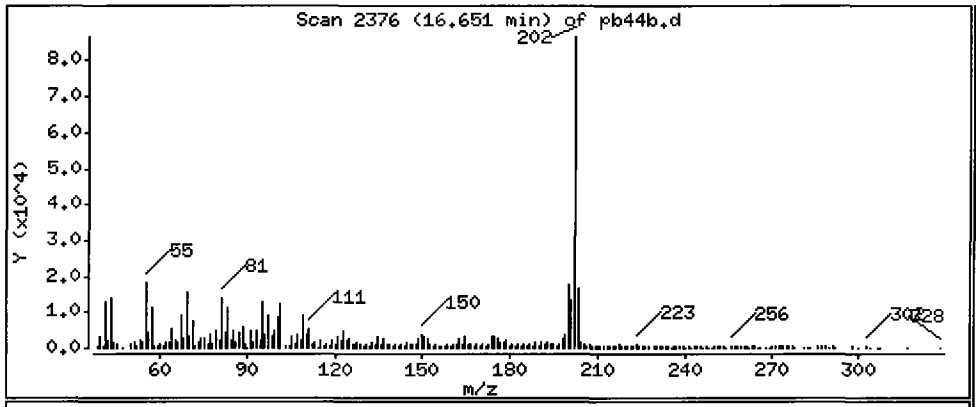
Operator: LJR/VTS

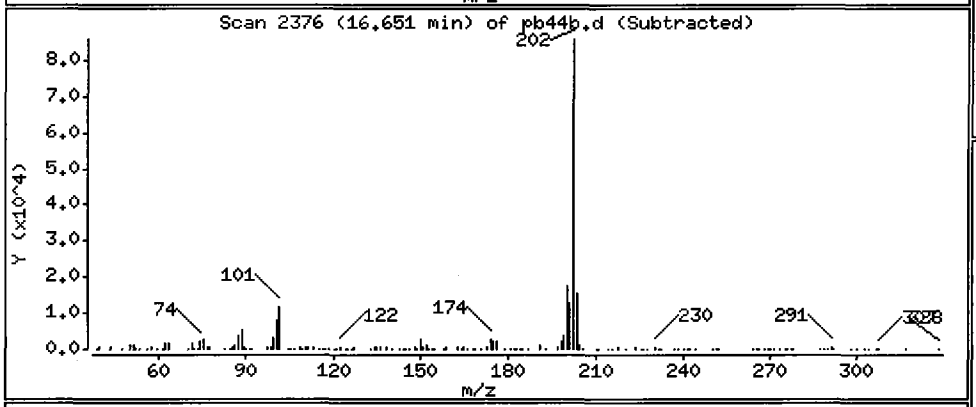
Column phase: ZB-5

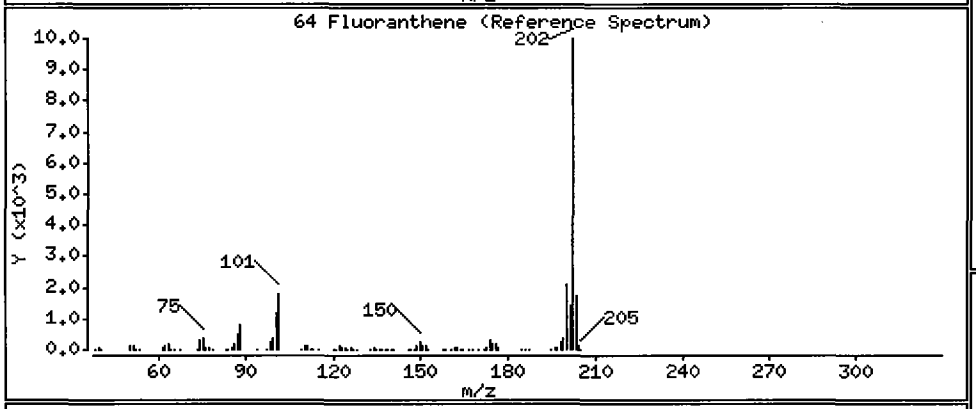
Column diameter: 0.32

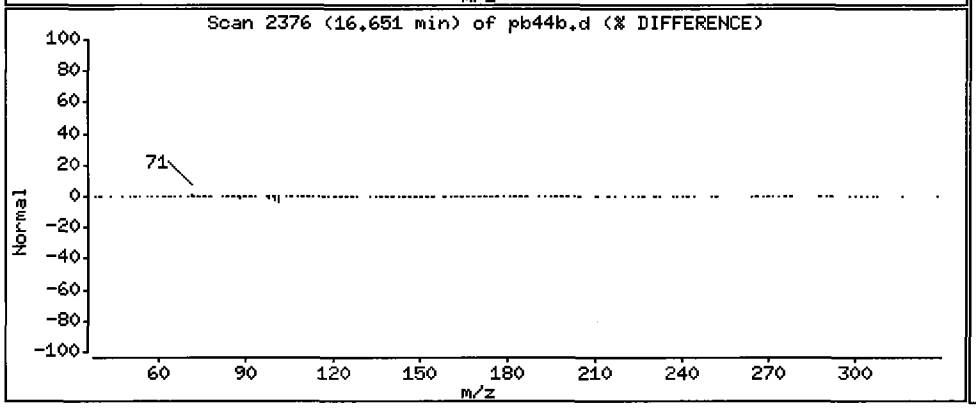
64 Fluoranthene

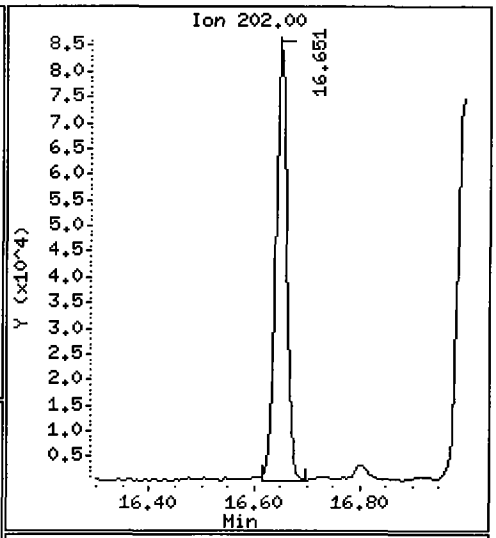
Concentration: 70.80 ug/kg

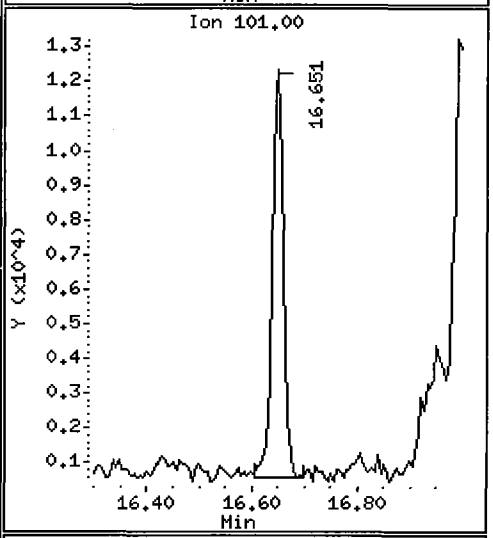


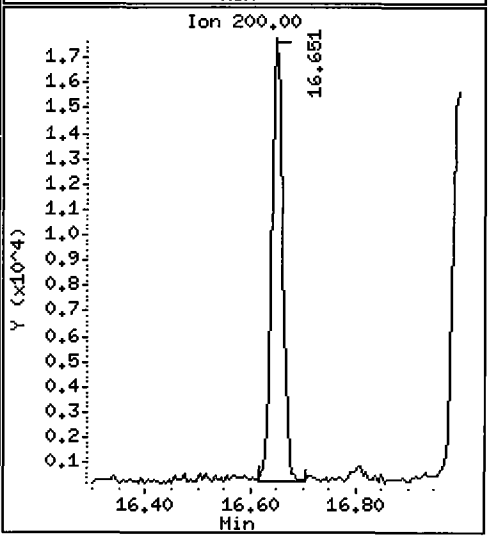












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

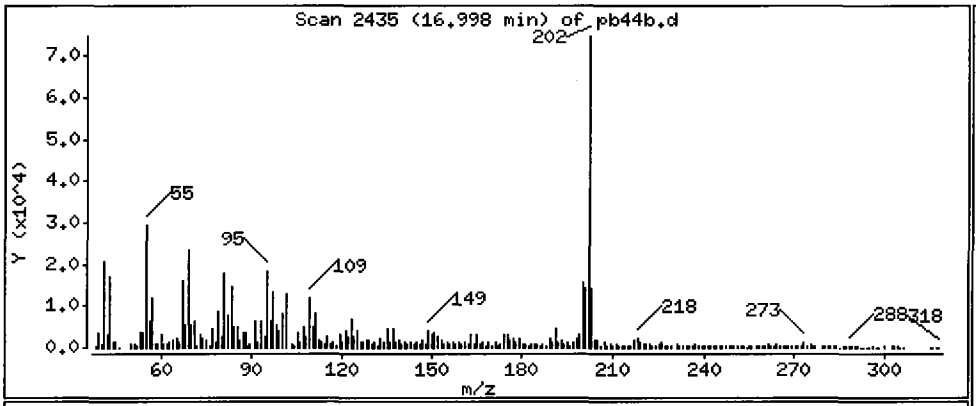
Operator: LJR/VTS

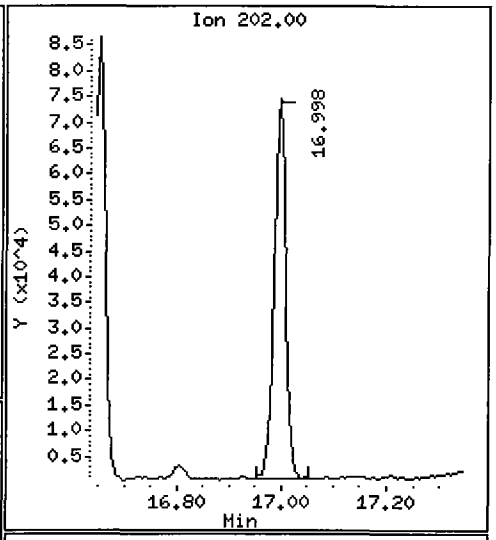
Column phase: ZB-5

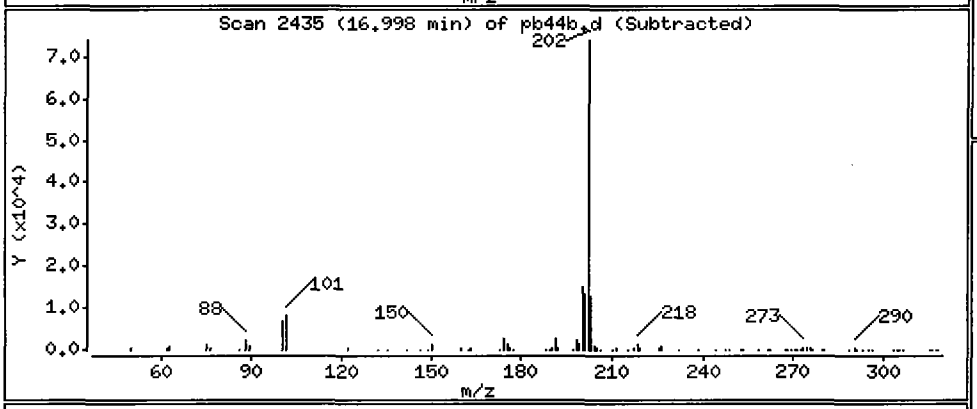
Column diameter: 0.32

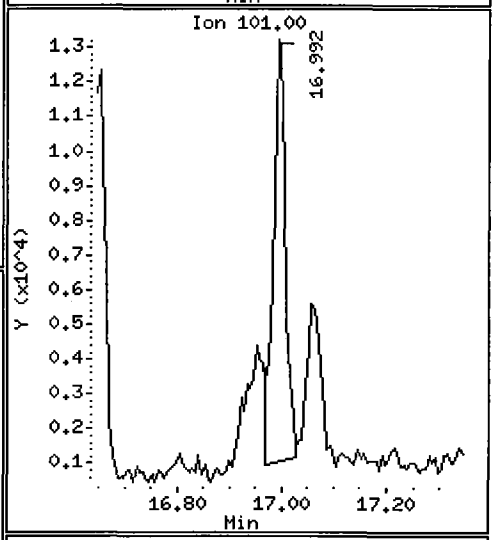
65 Pyrene

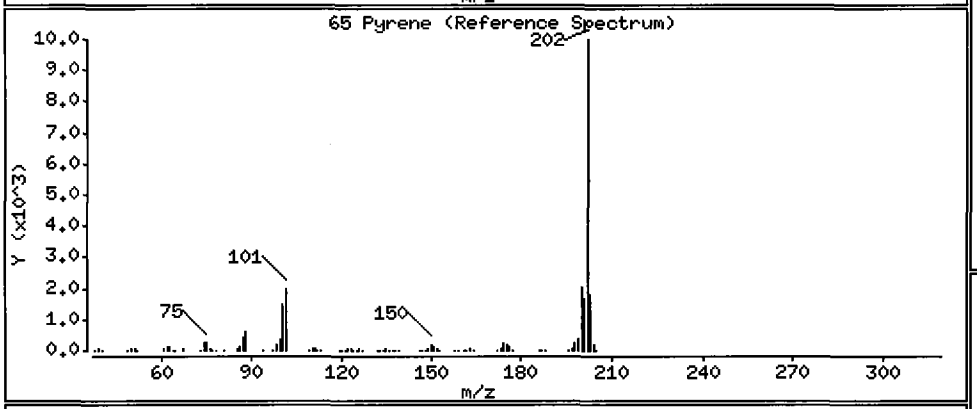
Concentration: 54.53 ug/kg

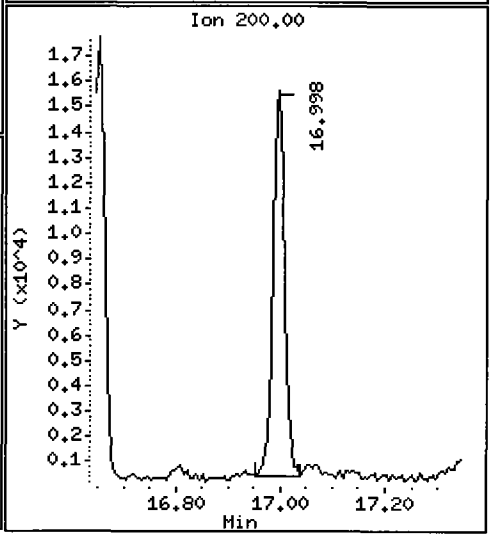


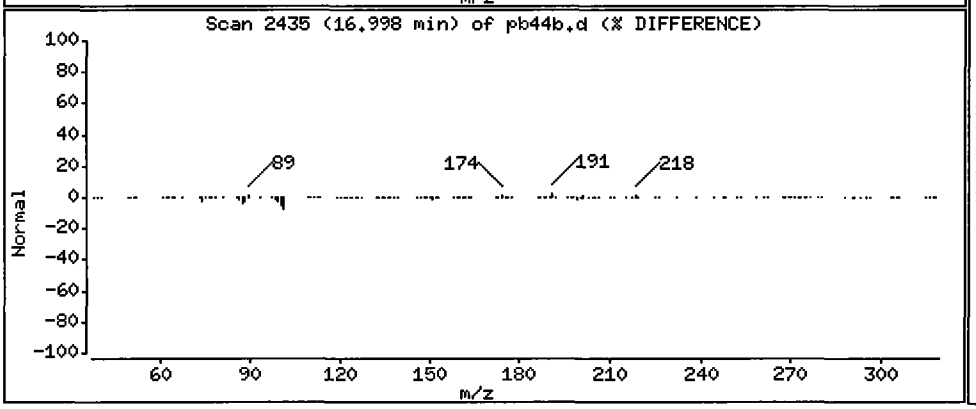












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

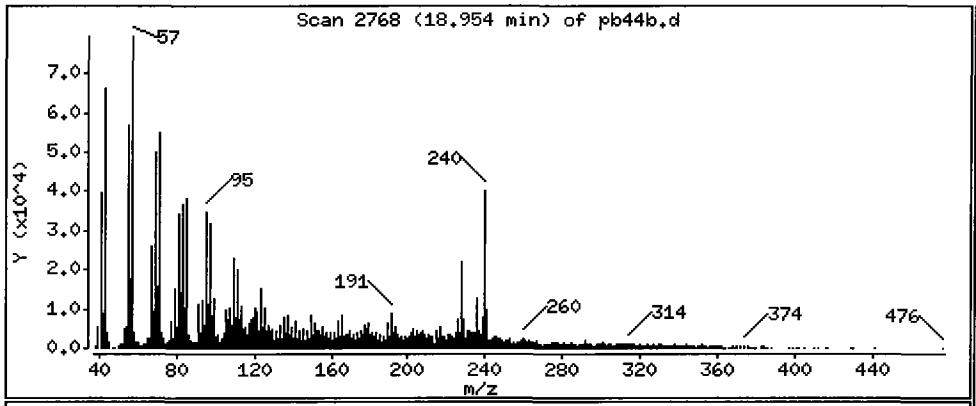
Operator: LJR/VTS

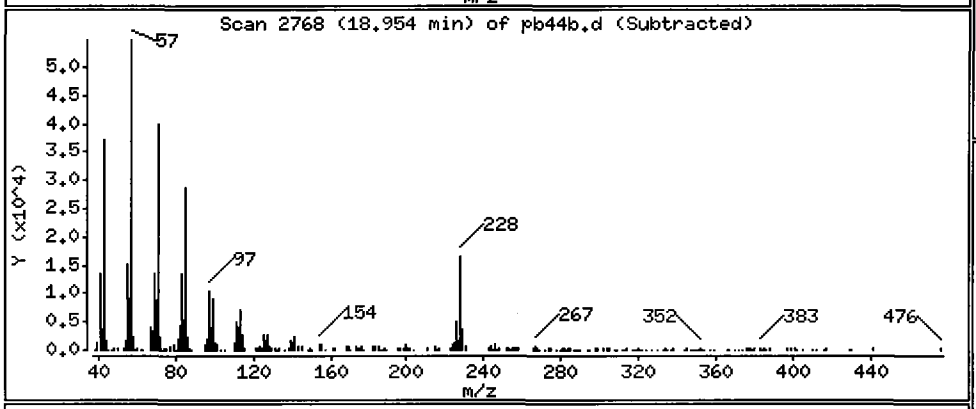
Column phase: ZB-5

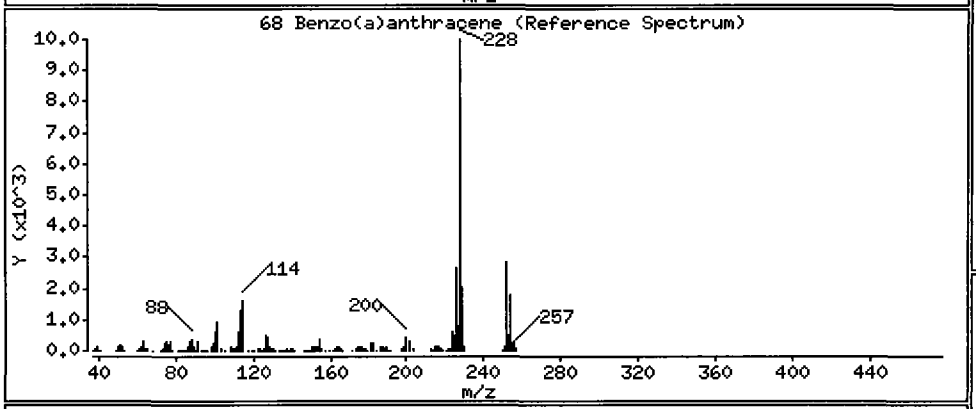
Column diameter: 0.32

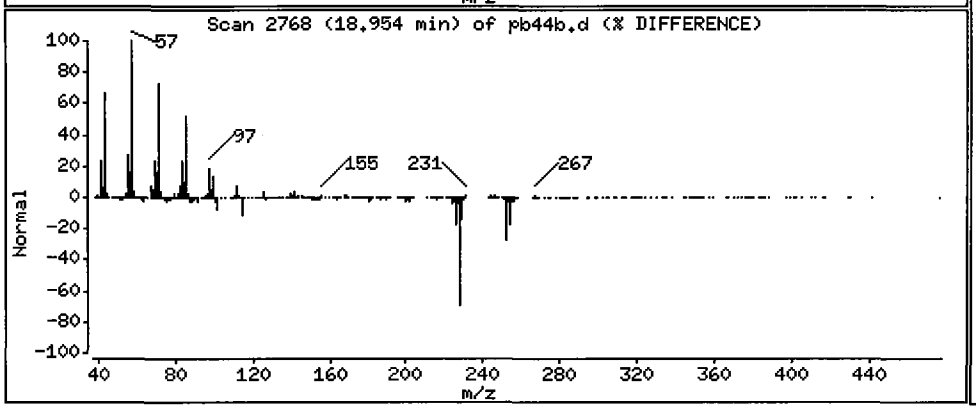
68 Benzo(a)anthracene

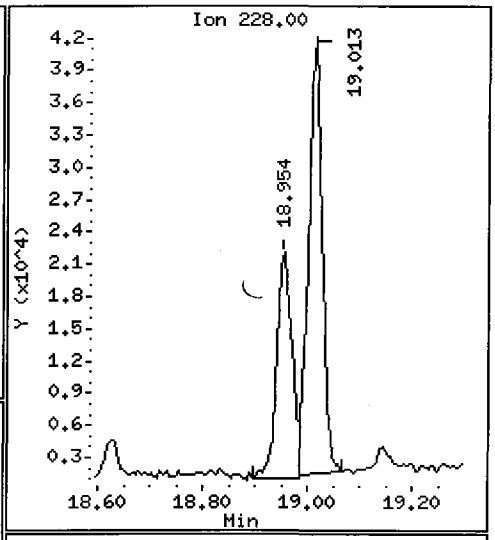
Concentration: 25.64 ug/kg

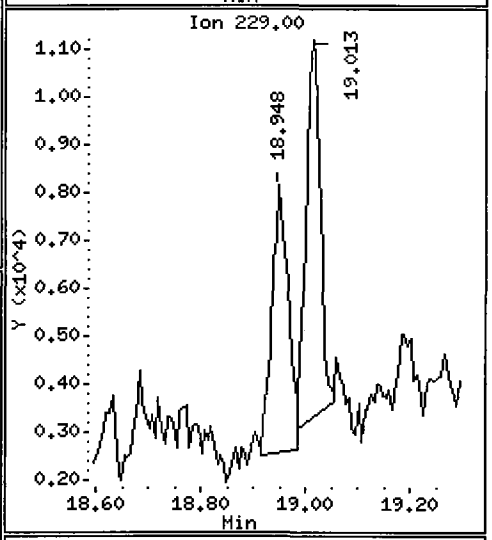


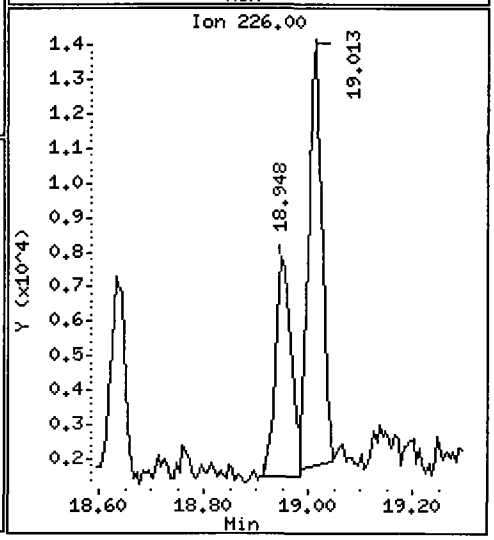












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

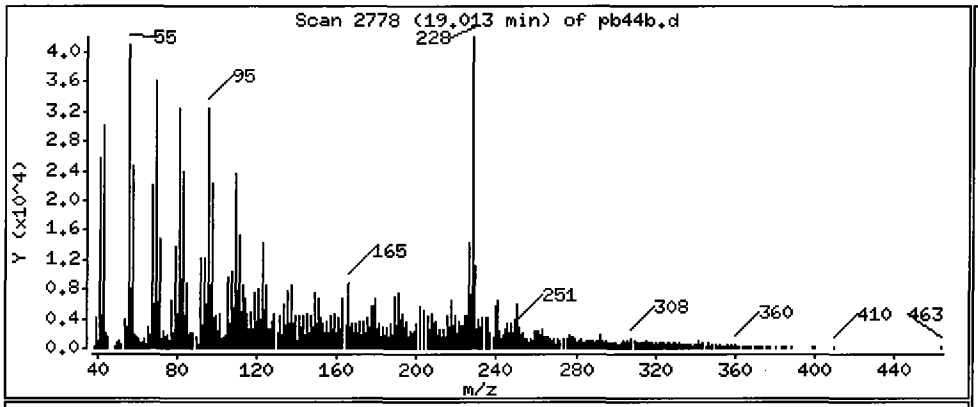
Operator: LJR/VTS

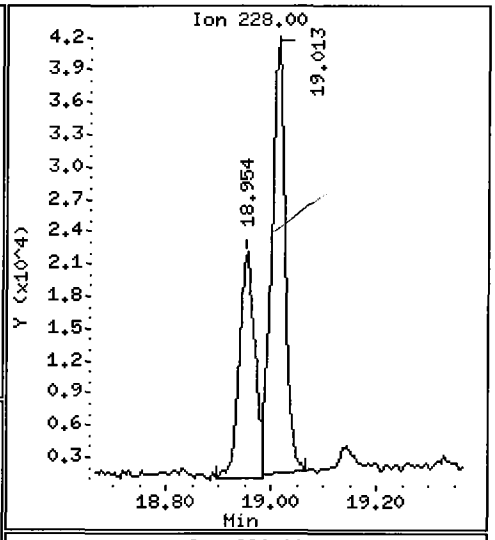
Column phase: ZB-5

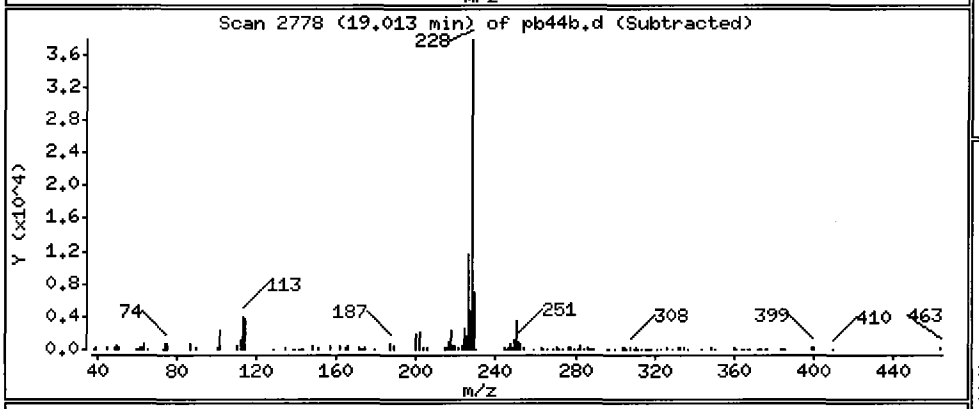
Column diameter: 0.32

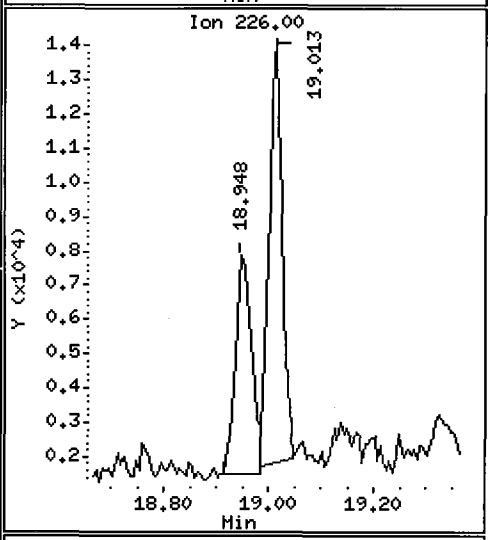
71 Chrysene

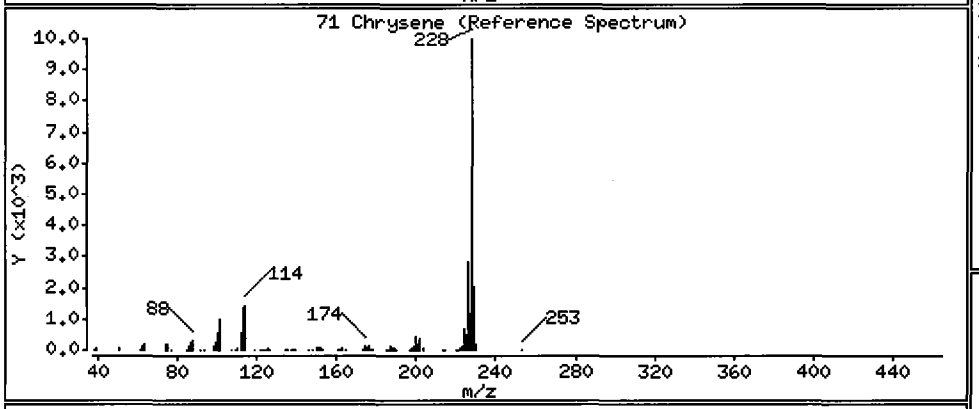
Concentration: 45.12 ug/kg

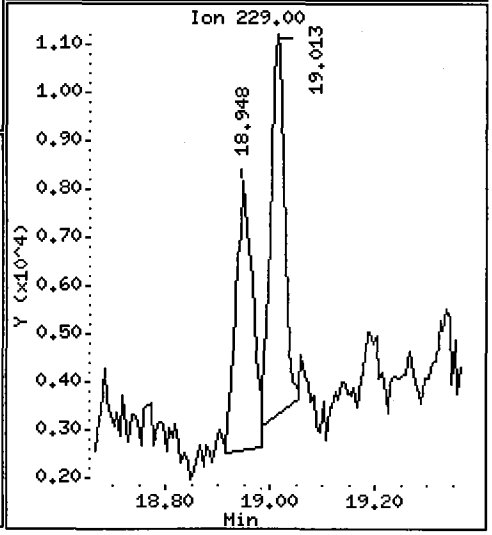


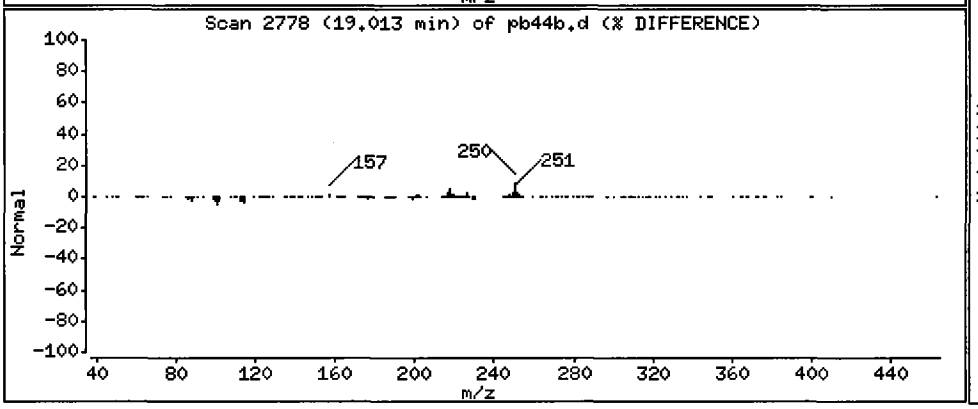












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

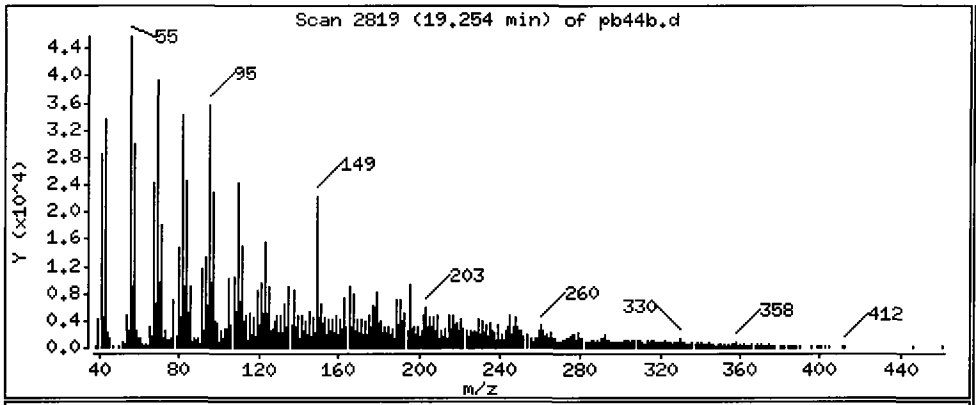
Operator: LJR/VTS

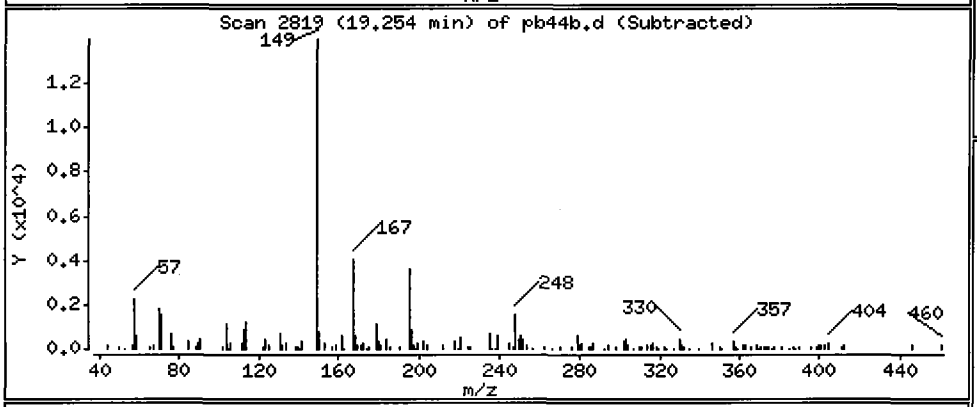
Column phase: ZB-5

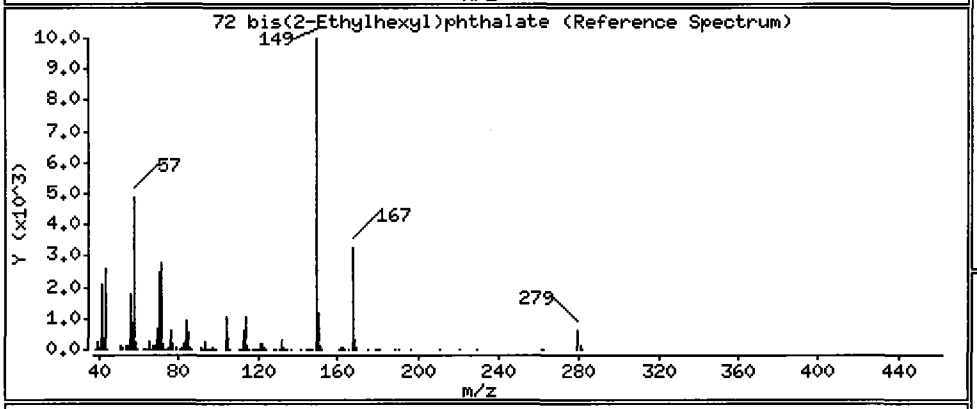
Column diameter: 0.32

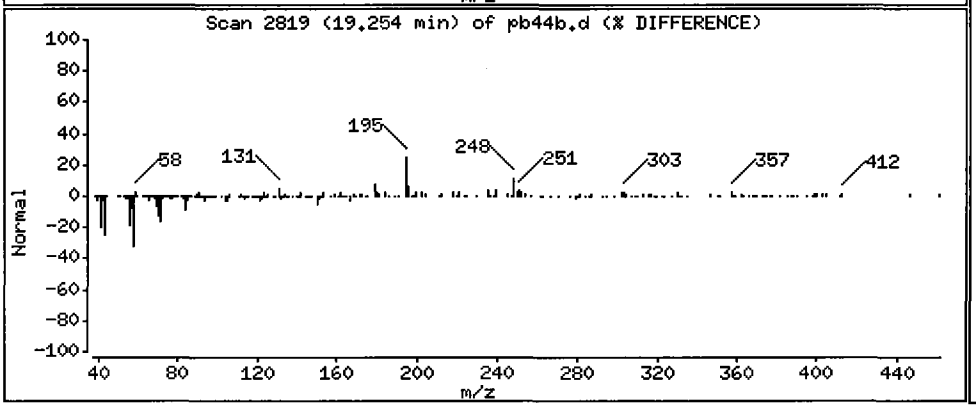
72 bis(2-Ethylhexyl)phthalate

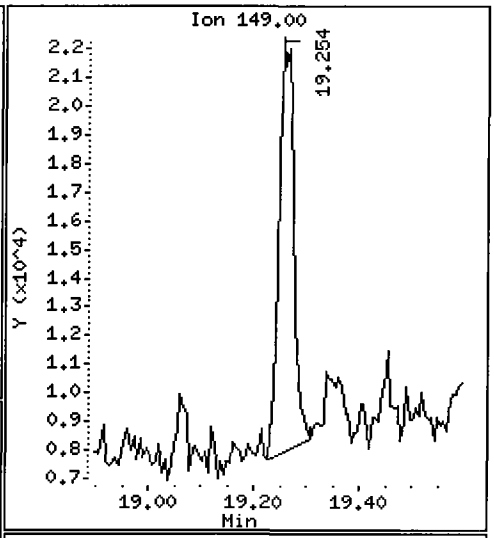
Concentration: 20.89 ug/kg

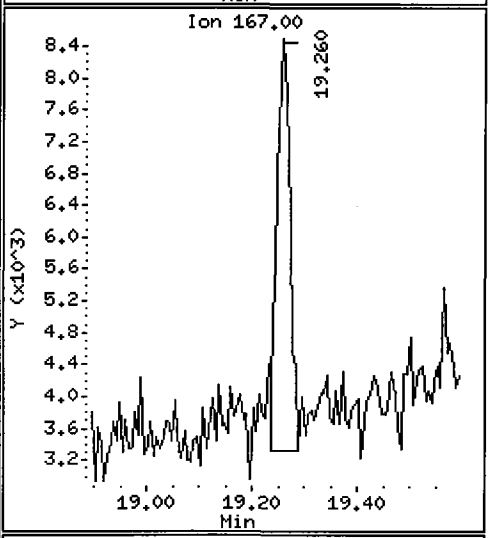


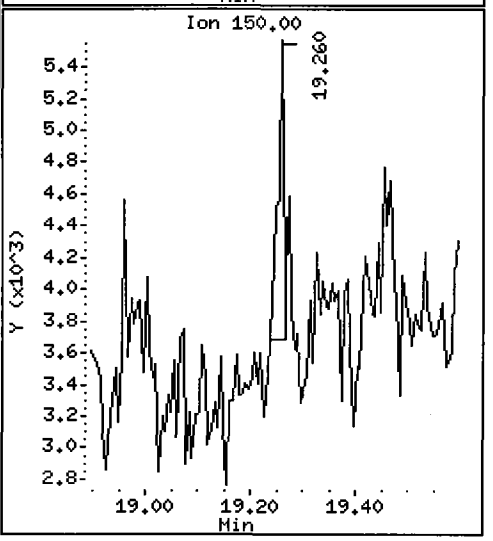












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

Operator: LJR/VTS

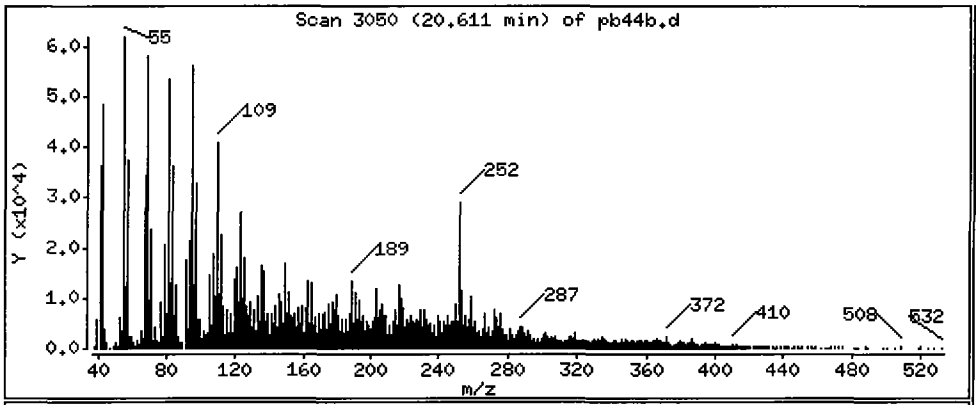
Column phase: ZB-5

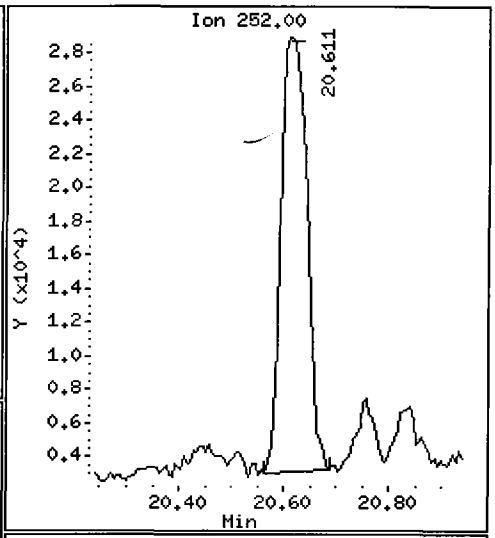
Column diameter: 0.32

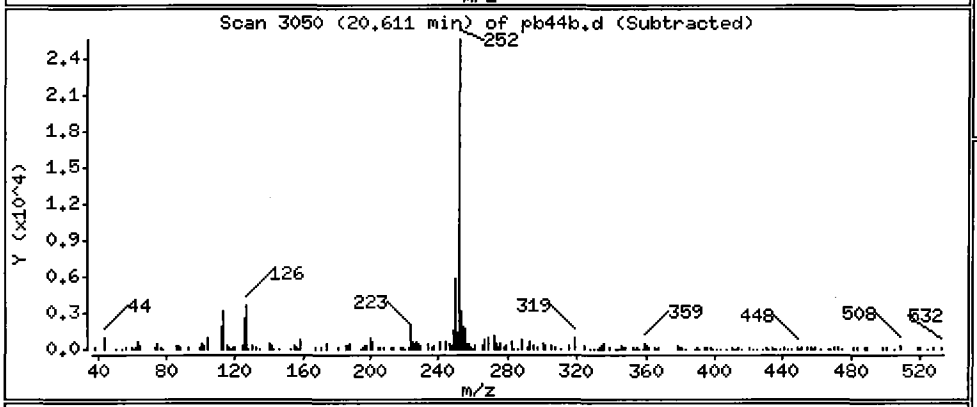
74 Benzo(b)fluoranthene

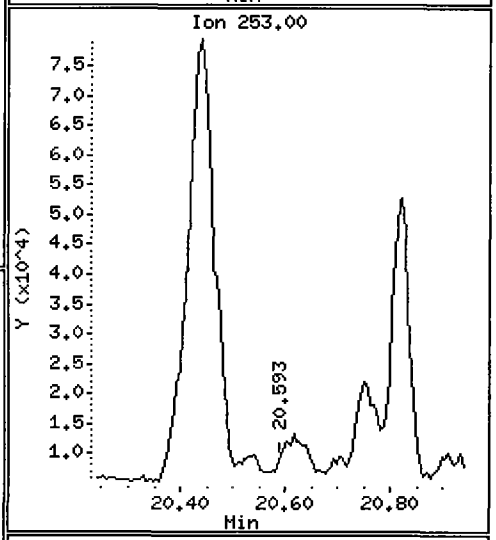
Concentration: 48.15 ug/kg

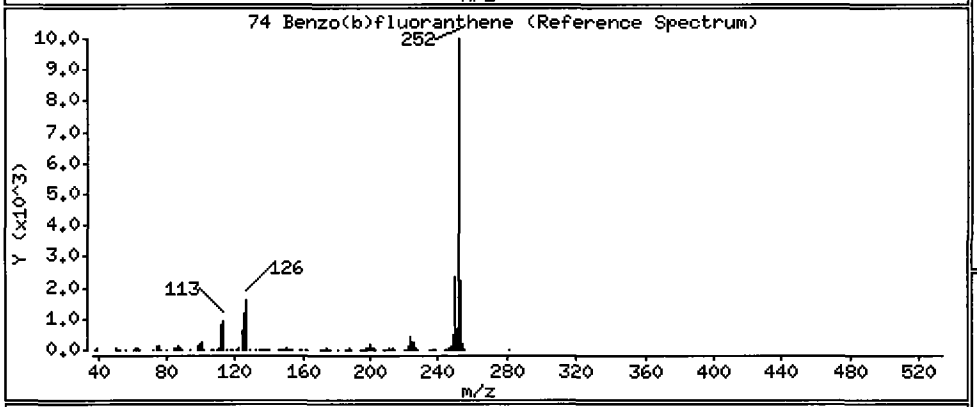
1/2

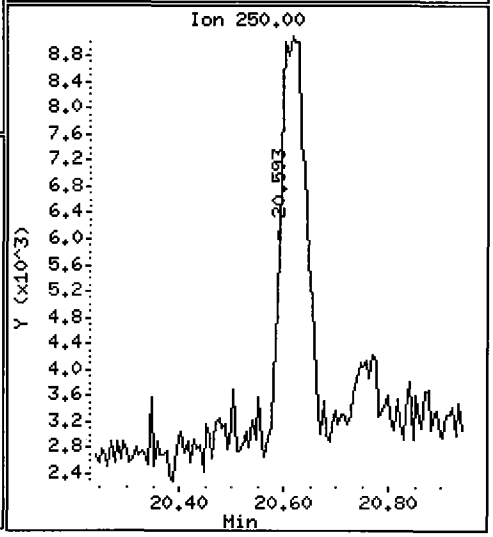


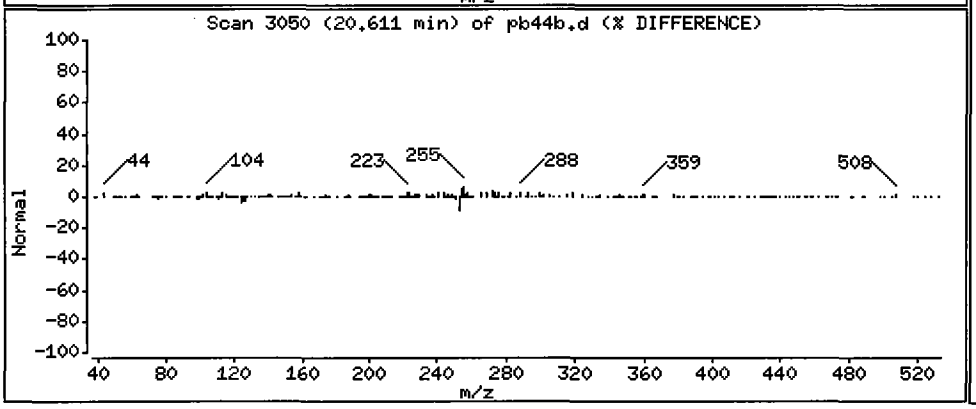












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

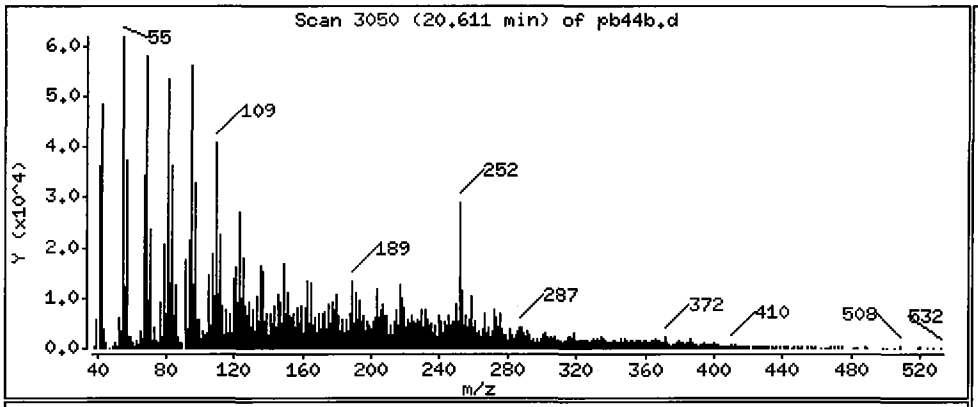
Operator: LJR/VTS

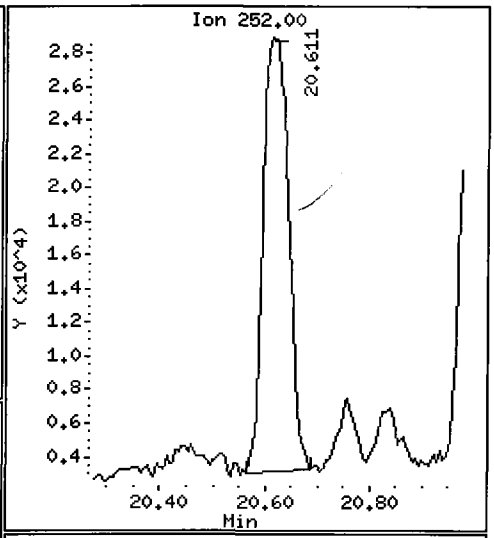
Column phase: ZB-5

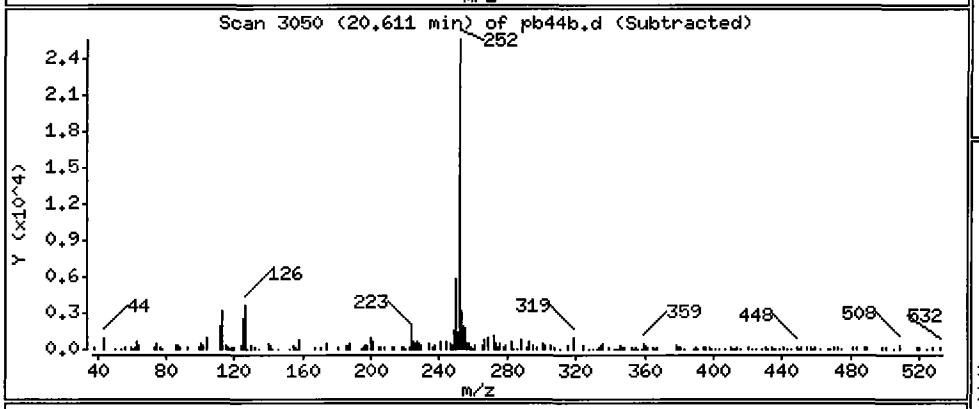
Column diameter: 0.32

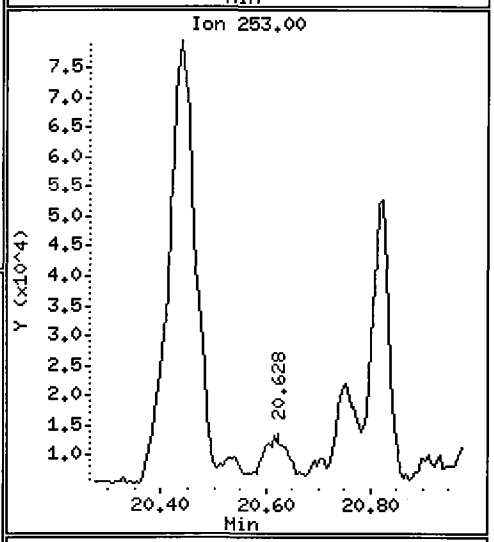
75 Benzo(k)fluoranthene

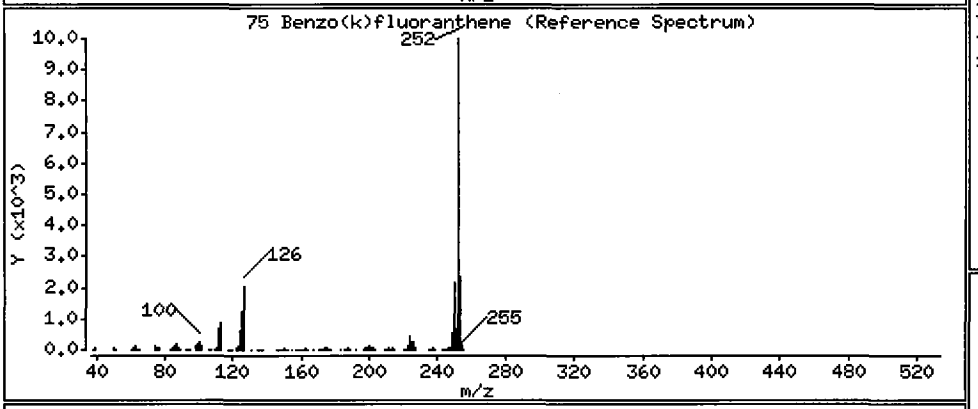
Concentration: 46.53 ug/kg

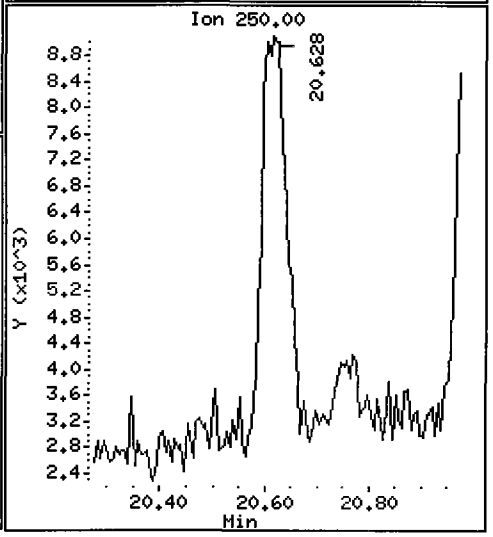


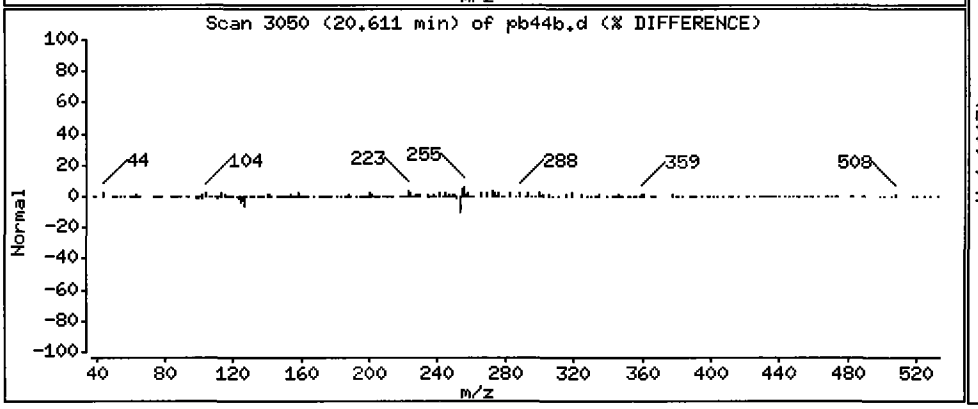












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

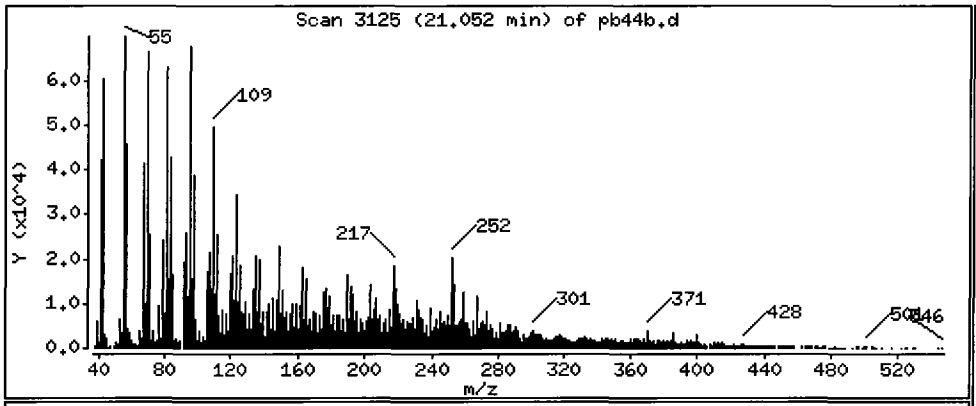
Operator: LJR/VTS

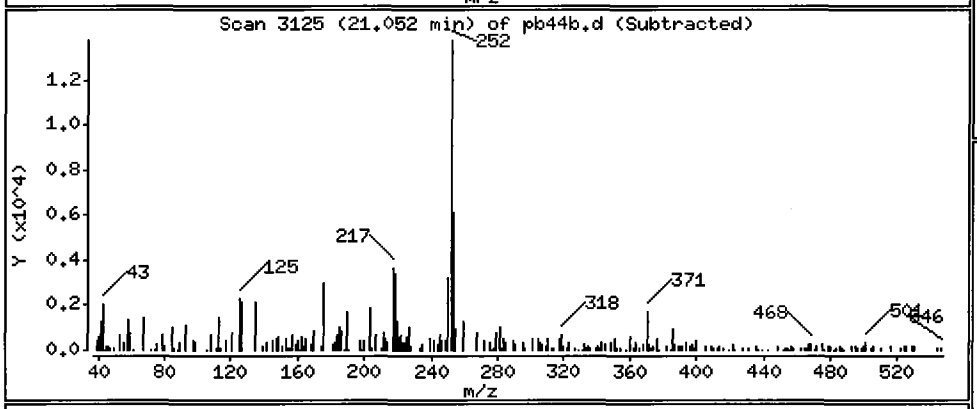
Column phase: ZB-5

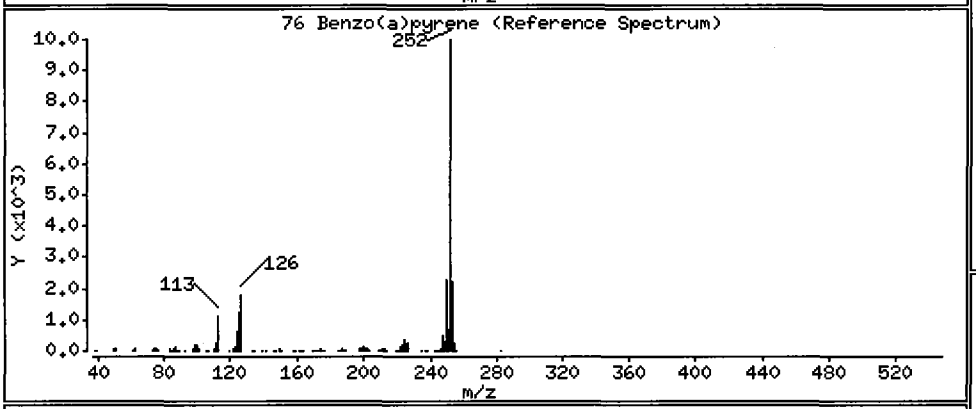
Column diameter: 0.32

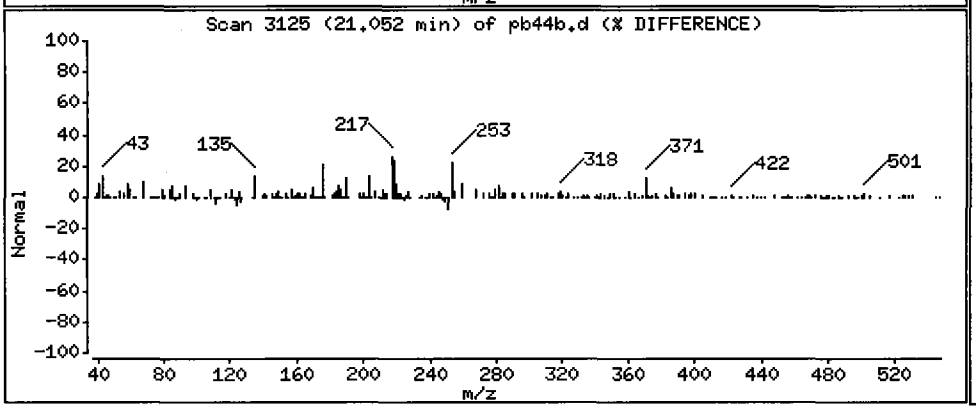
76 Benzo(a)pyrene

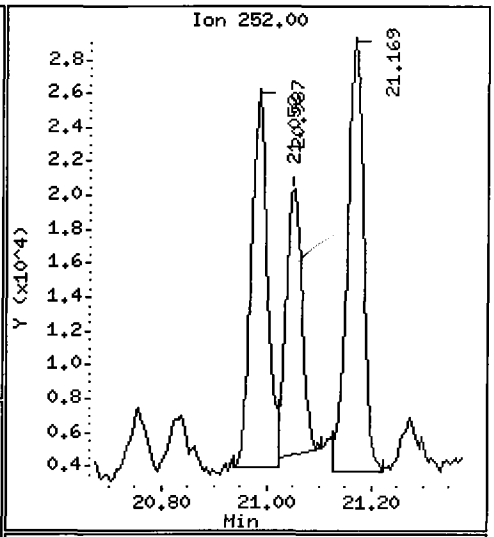
Concentration: 20.76 ug/kg

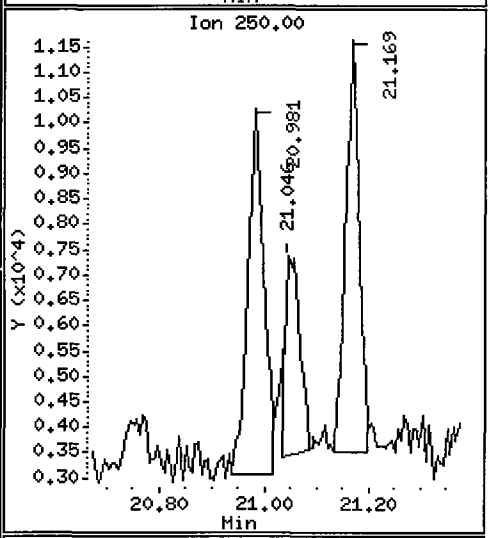


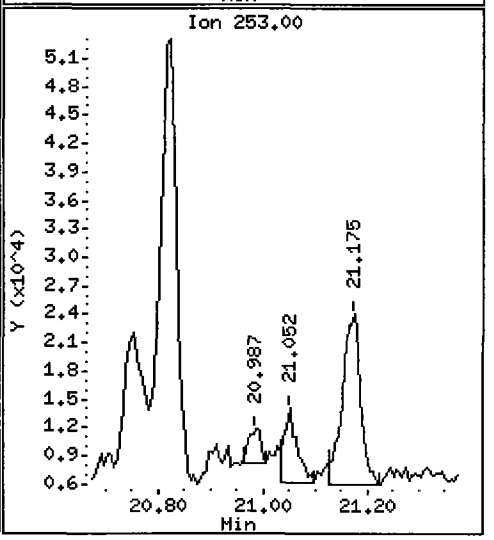












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

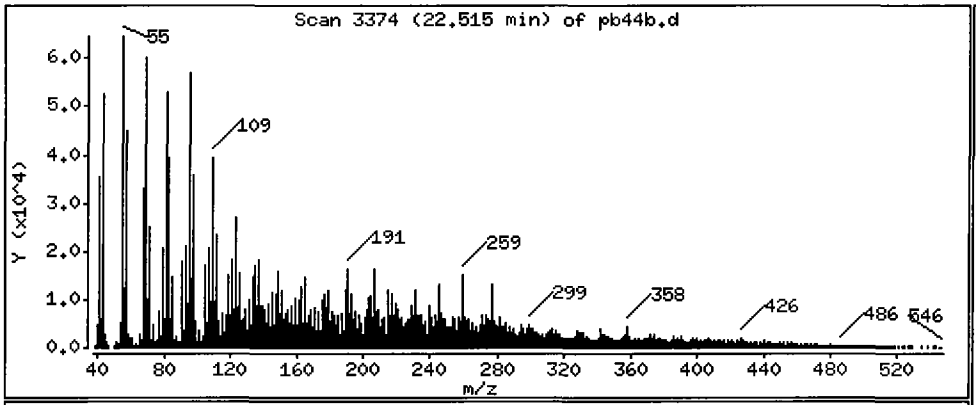
Operator: LJR/VTS

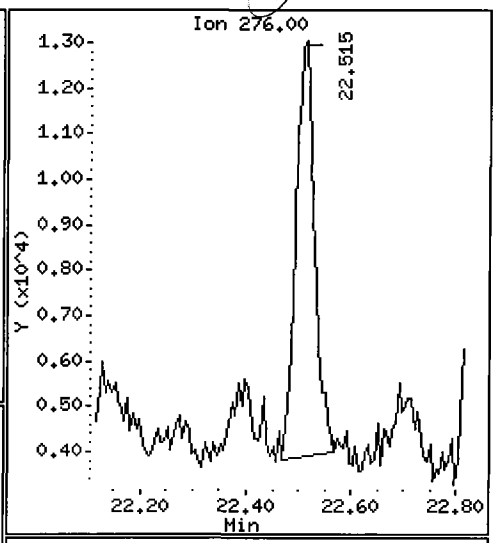
Column phase: ZB-5

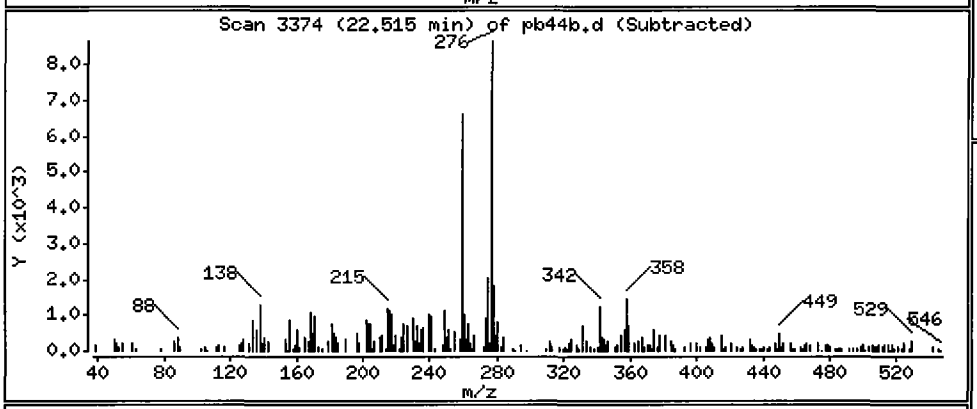
Column diameter: 0.32

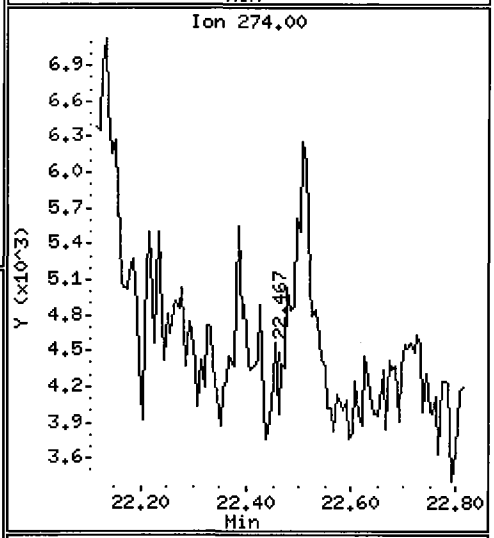
78 Indeno(1,2,3-cd)pyrene

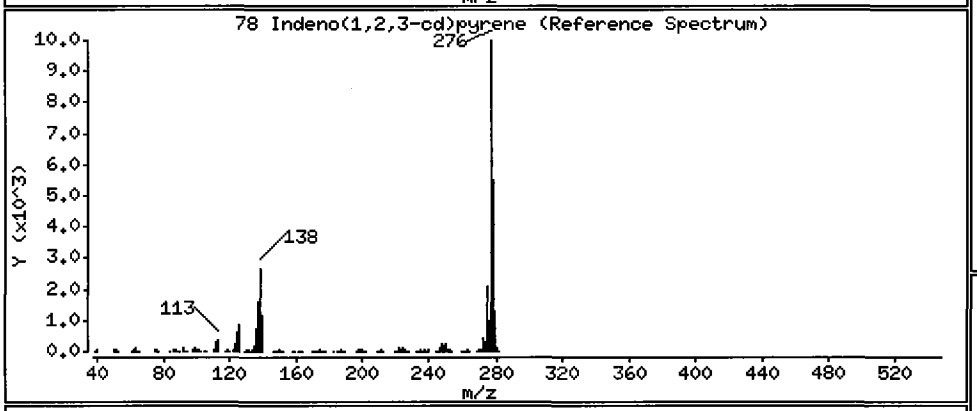
Concentration: 11.08 ug/kg

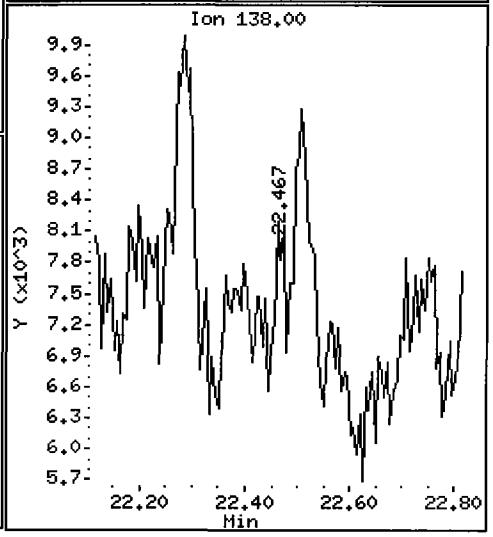


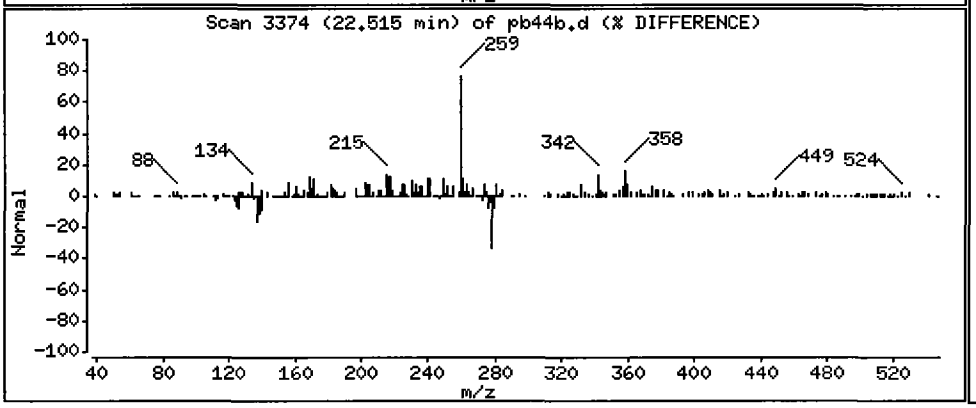












Data File: /chem3/nt4.i/20090616.b/pb44b.d

Date : 16-JUN-2009 15:23

Client ID: 3SED4-B

Instrument: nt4.i

Sample Info: PB44B

Volume Injected (uL): 1.0

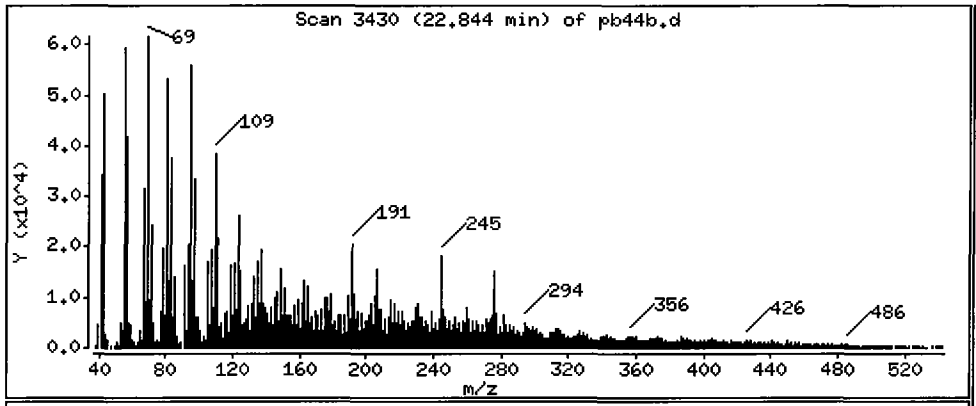
Operator: LJR/VTS

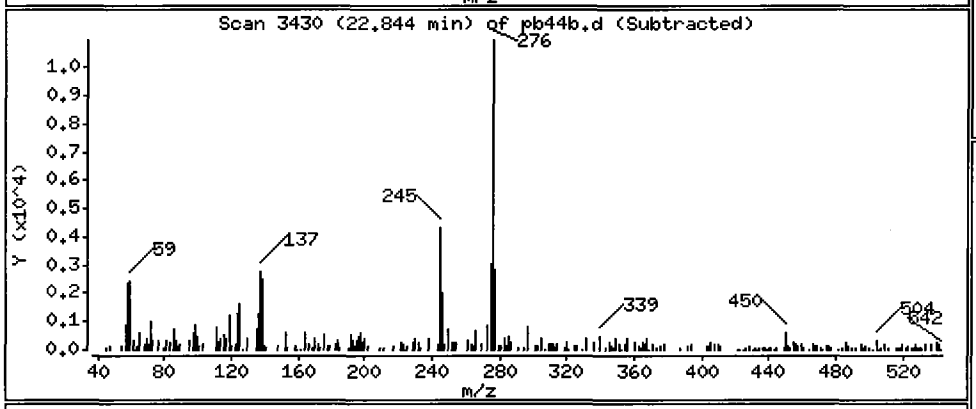
Column phase: ZB-5

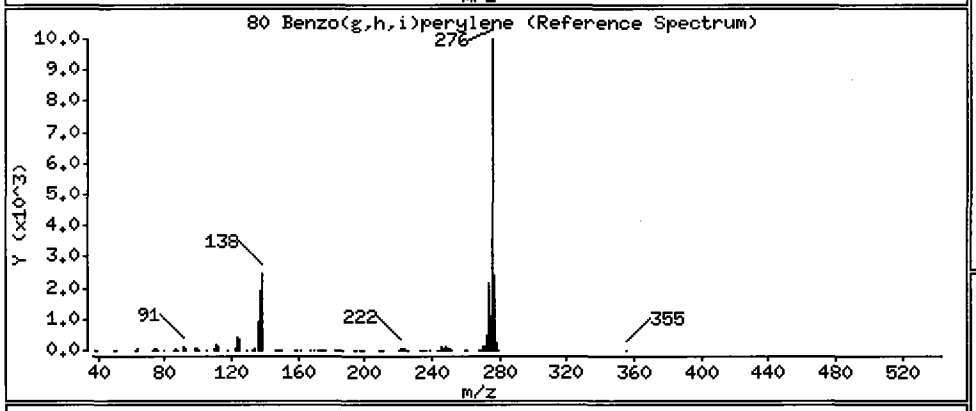
Column diameter: 0.32

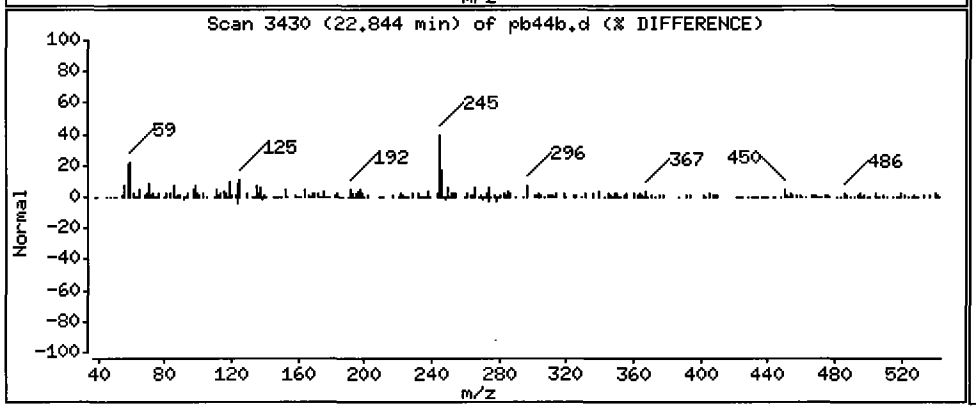
80 Benzo(g,h,i)perylene

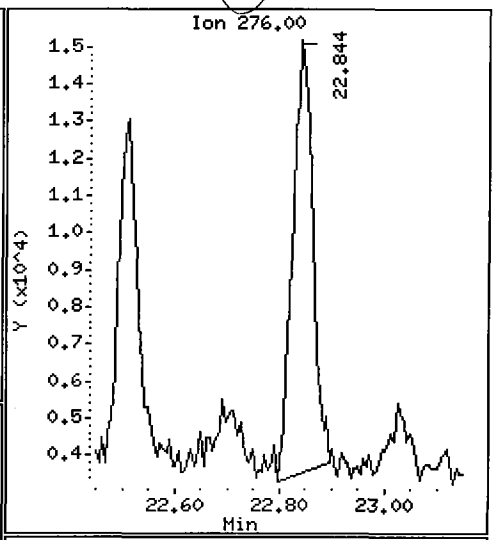
Concentration: 16.65 ug/kg

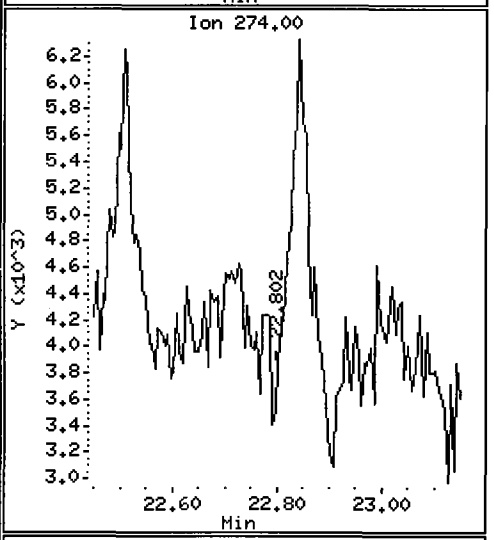


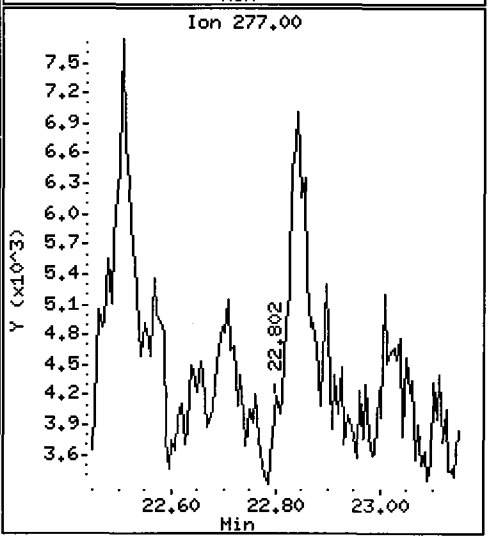












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED4-C
SAMPLE

Lab Sample ID: PB44C
LIMS ID: 09-12789
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 15:57
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 25.3%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**30**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**16 J**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**10 J**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**120**
120-12-7	**Anthracene**	**20**	**16 J**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**300**
129-00-0	**Pyrene**	**20**	**180**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**58**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**26**
218-01-9	**Chrysene**	**20**	**110**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**54**
207-08-9	**Benzo(k)fluoranthene**	**20**	**54**
50-32-8	**Benzo(a)pyrene**	**20**	**31**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**15 J**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**18 J**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.4%	2-Fluorobiphenyl	64.0%
d14-p-Terphenyl	72.0%	d4-1,2-Dichlorobenzene	52.8%
d5-Phenol	67.5%	2-Fluorophenol	57.9%
2,4,6-Tribromophenol	81.9%	d4-2-Chlorophenol	69.6%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44c.d
Lab Smp Id: PB44C Client Smp ID: 3SED4-C
Inj Date : 16-JUN-2009 15:57
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44C
Misc Info : 09-12789
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	34.20000	Weight of sample extracted (g)
M	25.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.514	5.475	(0.738)	270668	21.6940	424.6
$	2 Phenol-d5	99	7.195	7.091	(0.963)	429065	25.2546	494.3
	3 Phenol	94	7.218	7.114	(0.966)	29353	1.51235	29.60
$	5 2-Chlorophenol-d4	132	7.195	7.167	(0.963)	273874	26.1011	510.8
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.471	7.461	(1.000)	162840	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.765	7.761	(1.039)	101324	13.2266	258.9
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	8.288	8.272	(1.109)	10804	0.82605 LDL	16.17
$ 18	Nitrobenzene-d5	82	8.405	8.401	(0.884)	248433	14.5589	284.9
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	Compound Not Detected.					
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.510	9.506	(1.000)	601338	20.0000	
28	Naphthalene	128	Compound Not Detected.					
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	Compound Not Detected.					
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.308	11.309	(0.916)	444639	16.0401	313.9
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	12.348	12.344	(1.000)	365710	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	Compound Not Detected.					
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	13.211	13.207	(1.070)	13555	0.52806 LDL	10.33
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.640	13.636	(1.105)	103754	30.7095	601.0
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.704	14.694	(1.000)	565675	20.0000	
60	Phenanthrene	178	14.739	14.735	(1.002)	211813	5.86709	114.8
61	Anthracene	178	14.804	14.805	(1.007)	28795	0.78575 LDL	15.38
62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.660	16.650	(1.133)	555669	15.5217	303.8
65	Pyrene	202	17.007	16.997	(0.896)	389101	9.35419	183.1
$ 66	Terphenyl-d14	244	17.348	17.338	(0.914)	447320	18.0192	352.7
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.957	18.948	(0.998)	98544	2.95482	57.83
* 69	Chrysene-d12	240	18.987	18.977	(1.000)	483140	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.022	19.018	(1.002)	178152	5.46252	106.9
72	bis(2-Ethylhexyl)phthalate	149	19.263	19.247	(0.954)	34467	1.29612	25.37
* 134	Di-n-octylphthalate-d4	153	20.197	20.181	(1.000)	822232	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	20.614	20.593	(0.975)	199614	5.63081	110.2 2.76
75	Benzo(k)fluoranthene	252	20.614	20.628	(0.975)	199614	5.44126	106.5 2.76
76	Benzo(a)pyrene	252	21.055	21.027	(0.996)	49285	1.55535	30.44
* 77	Perylene-d12	264	21.137	21.110	(1.000)	507338	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.506	22.467	(1.065)	30201	0.75898 LDL	14.85(M)
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	22.841	22.802	(1.081)	33342	0.92724	18.15
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44c.d
Lab Smp Id: PB44C
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12789

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED4-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	162840	-9.85
27 Naphthalene-d8	633172	316586	1266344	601338	-5.03
42 Acenaphthene-d10	336916	168458	673832	365710	8.55
59 Phenanthrene-d10	514258	257129	1028516	565675	10.00
69 Chrysene-d12	376875	188438	753750	483140	28.20
134 Di-n-octylphthala	640574	320287	1281148	822232	28.36
77 Perylene-d12	383864	191932	767728	507338	32.17

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.47	0.13
27 Naphthalene-d8	9.51	9.01	10.01	9.51	0.04
42 Acenaphthene-d10	12.34	11.84	12.84	12.35	0.03
59 Phenanthrene-d10	14.69	14.19	15.19	14.70	0.07
69 Chrysene-d12	18.98	18.48	19.48	18.99	0.05
134 Di-n-octylphthala	20.18	19.68	20.68	20.20	0.08
77 Perylene-d12	21.11	20.61	21.61	21.14	0.13

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44C
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12789

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED4-C
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	733.9	424.6	57.85	21-100
$ 2 Phenol-d5	733.9	494.3	67.35	10-100
$ 5 2-Chlorophenol-d4	733.9	510.8	69.60	30-100
$ 10 1,2-Dichlorobenzen	489.3	258.9	52.91	24-100
$ 18 Nitrobenzene-d5	489.3	284.9	58.24	26-100
$ 36 2-Fluorobiphenyl	489.3	313.9	64.16	32-100
$ 55 2,4,6-Tribromophen	733.9	601.0	81.89	33-118
$ 66 Terphenyl-d14	489.3	352.7	72.08	21-97

Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Sample Info: PB44C

Volume Injected (uL): 1.0

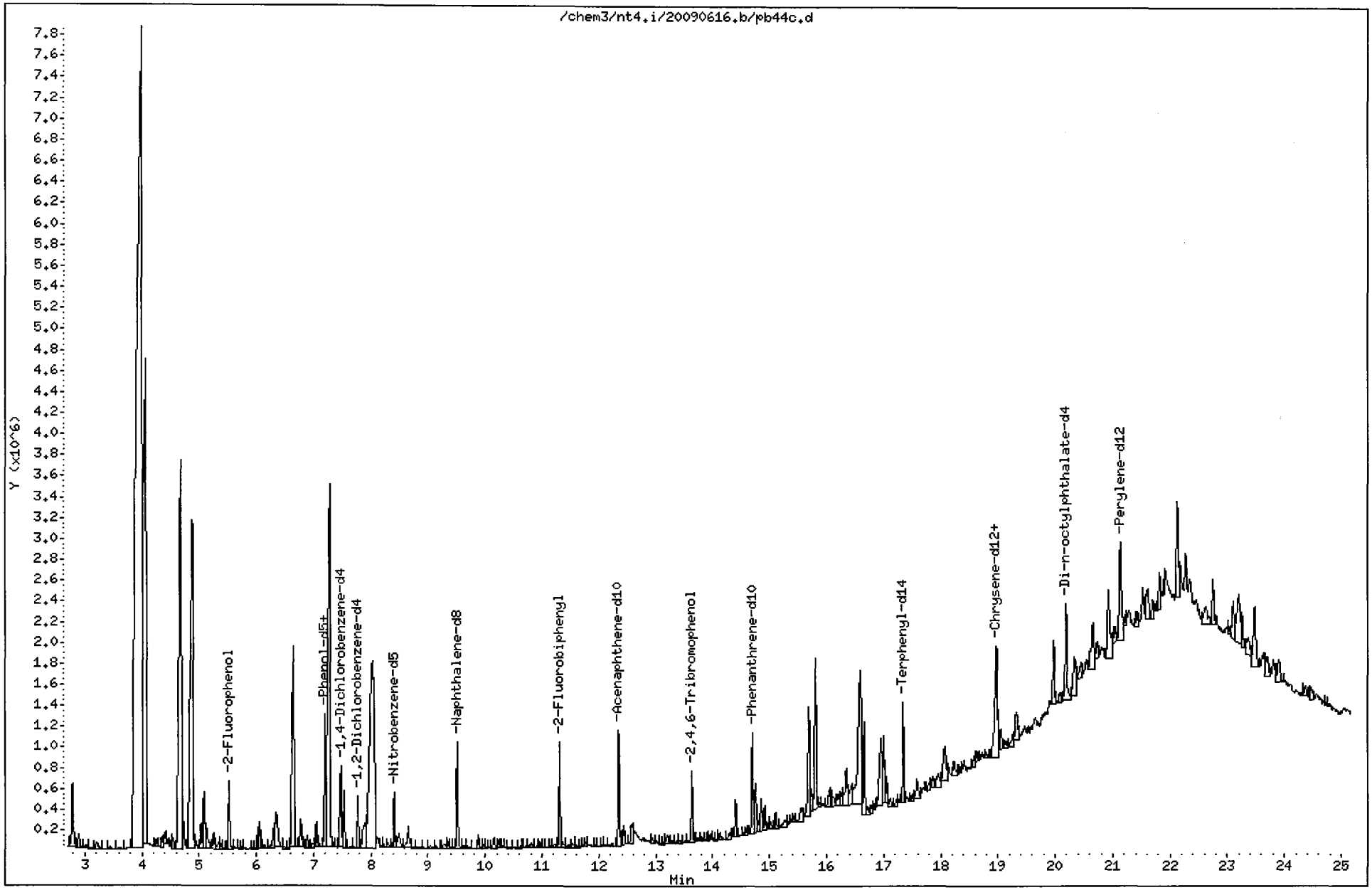
Column phase: ZB-5

Instrument: nt4.i

Operator: LJR/VTS

Column diameter: 0.32

PB44:06205



Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

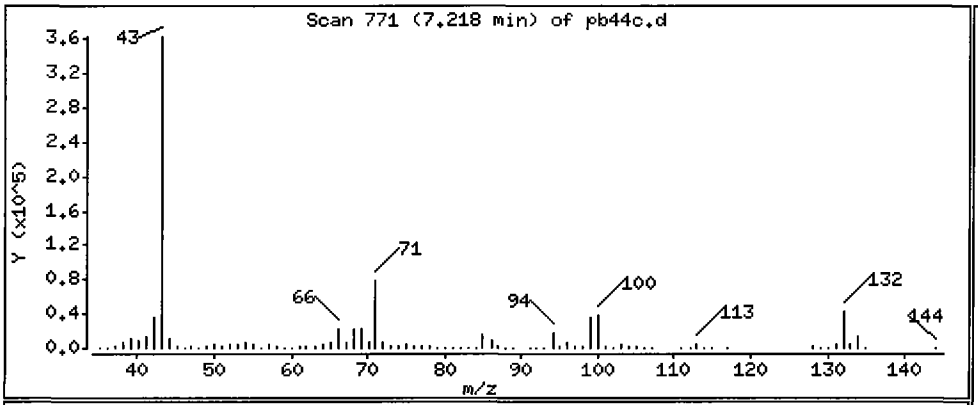
Operator: LJR/VTS

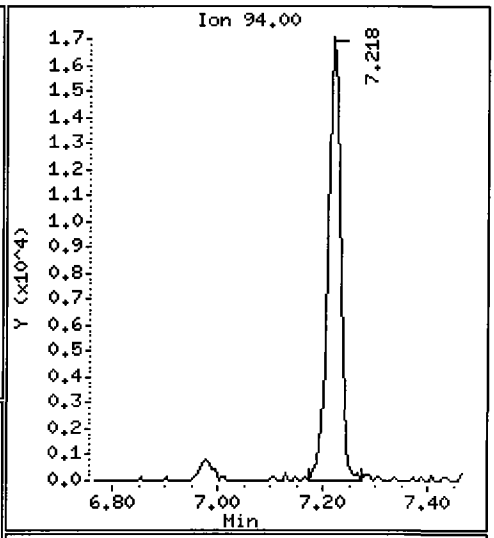
Column phase: ZB-5

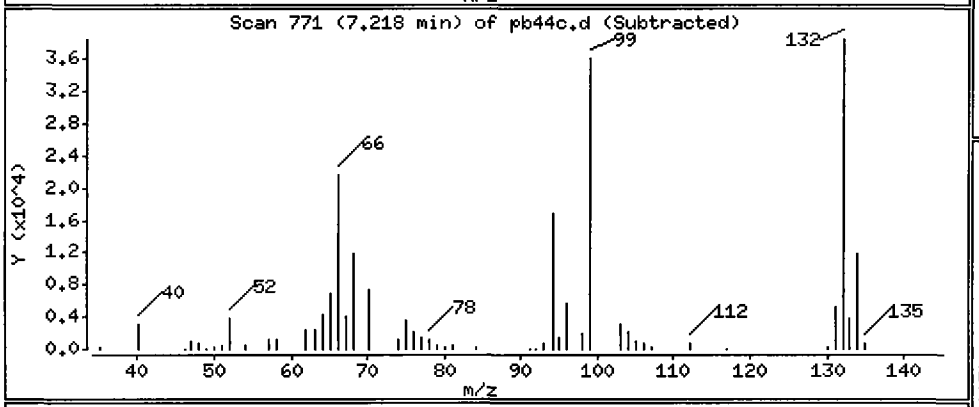
Column diameter: 0.32

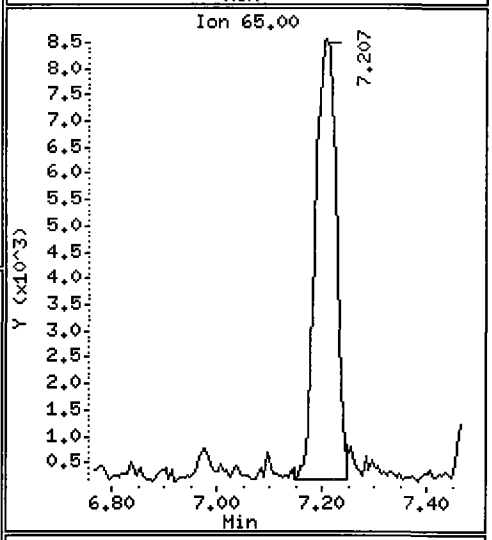
3 Phenol

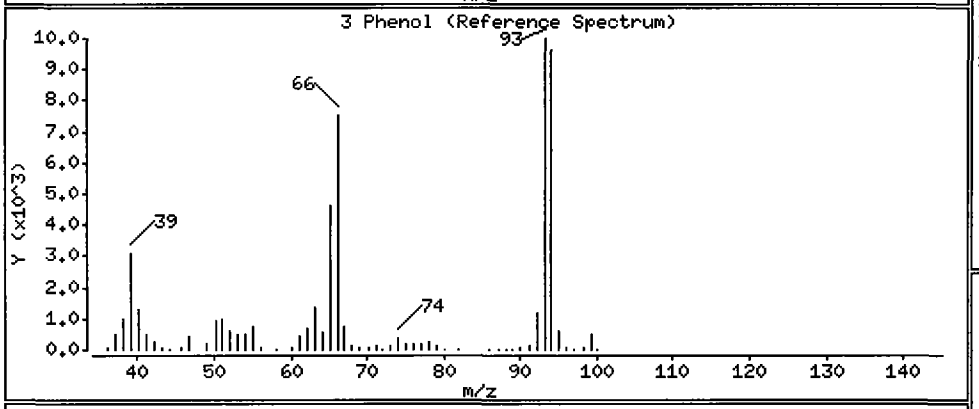
Concentration: 29.60 ug/kg

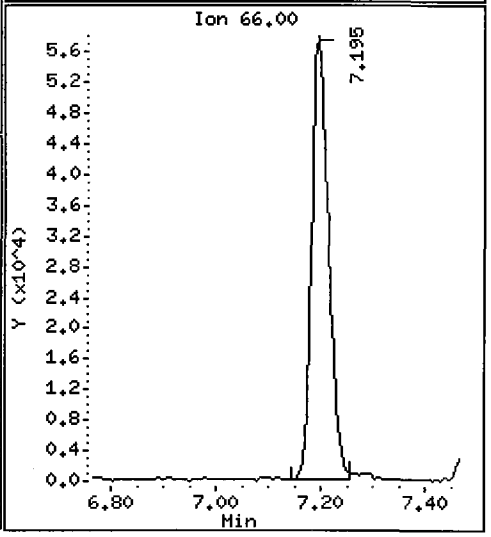


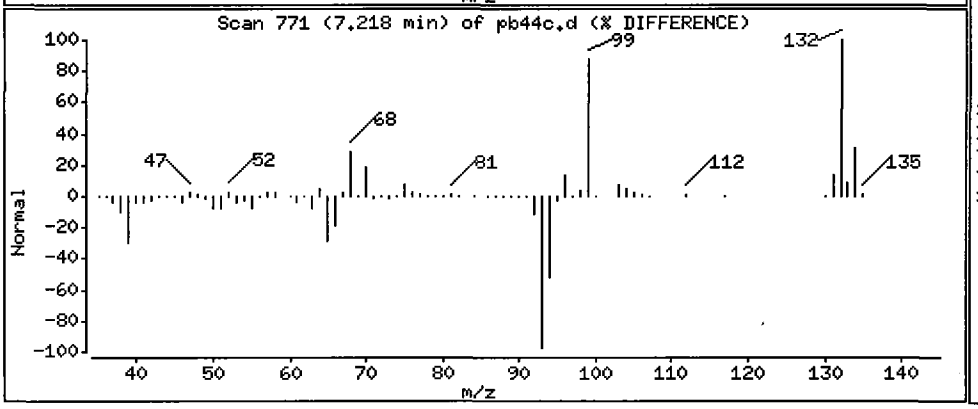












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

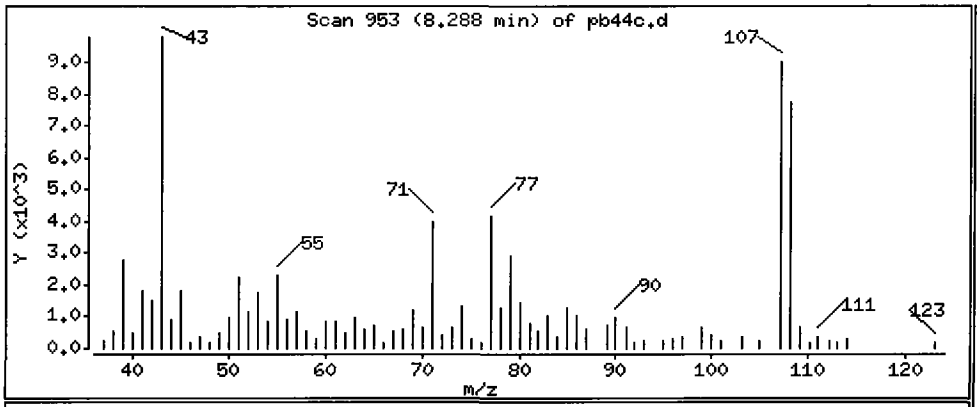
Operator: LJR/VTS

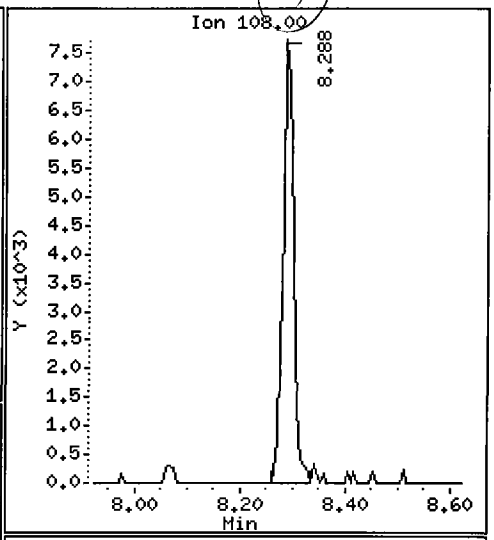
Column phase: ZB-5

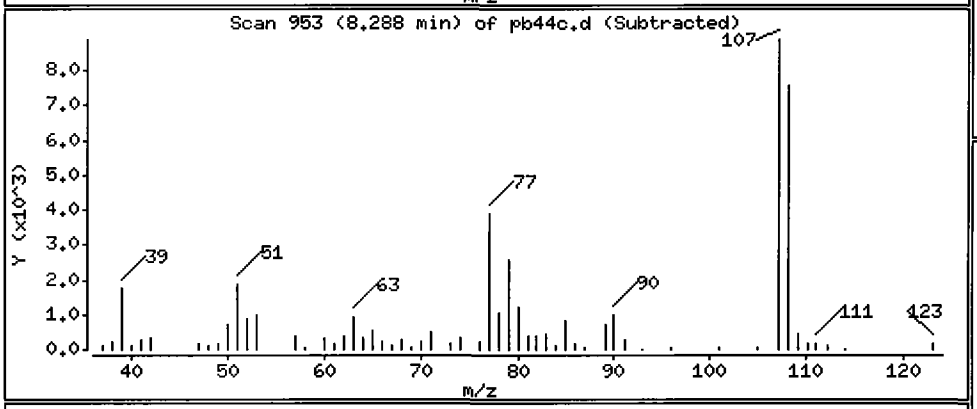
Column diameter: 0.32

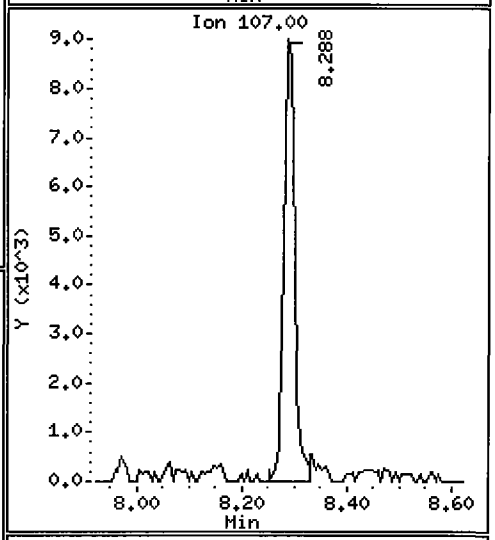
15 4-Methylphenol

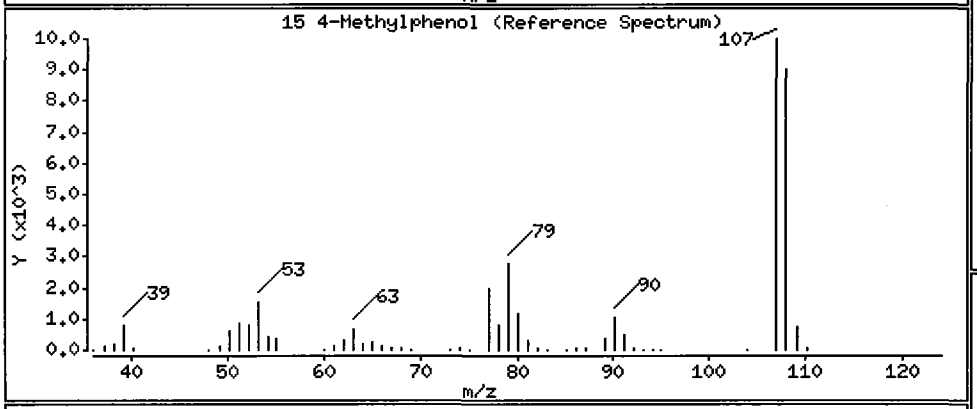
Concentration: 16.17 ug/kg

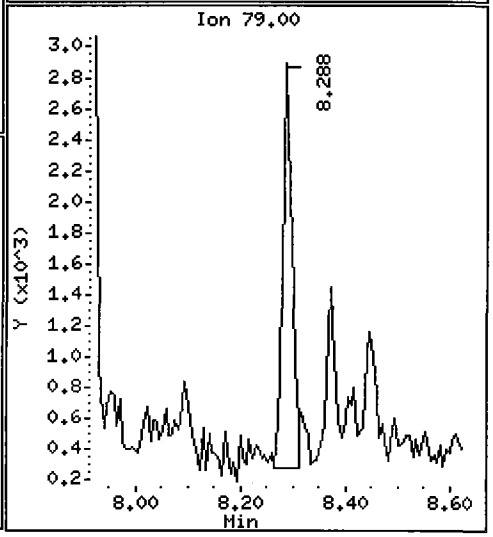


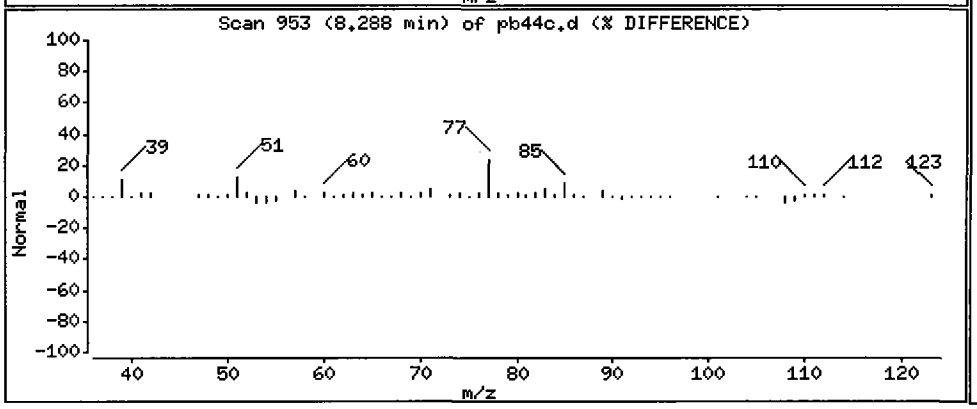












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

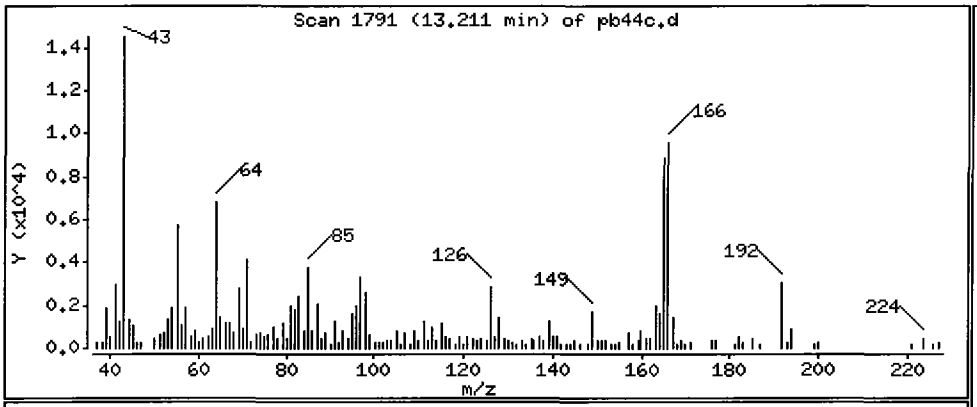
Operator: LJR/VTS

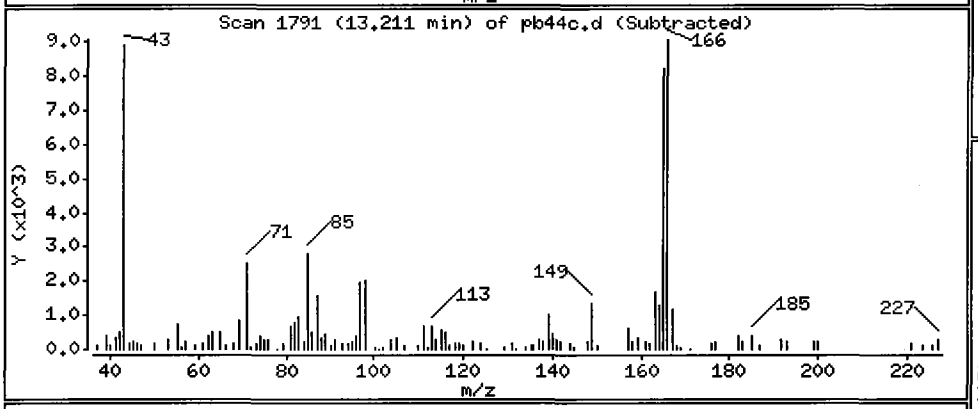
Column phase: ZB-5

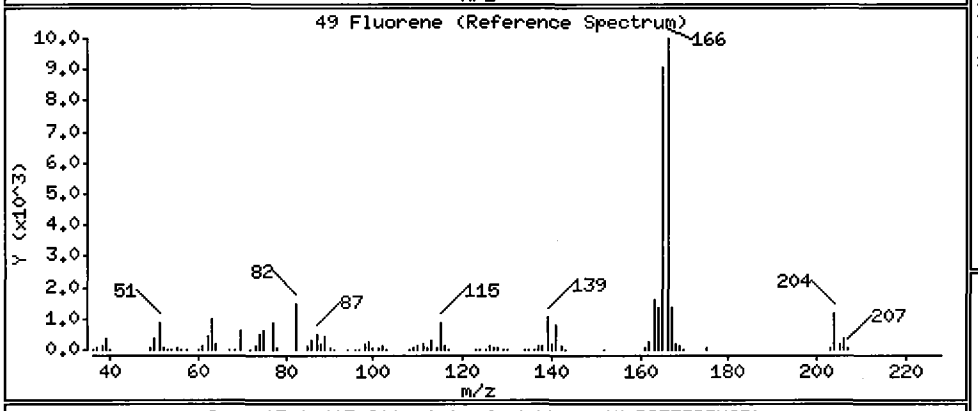
Column diameter: 0.32

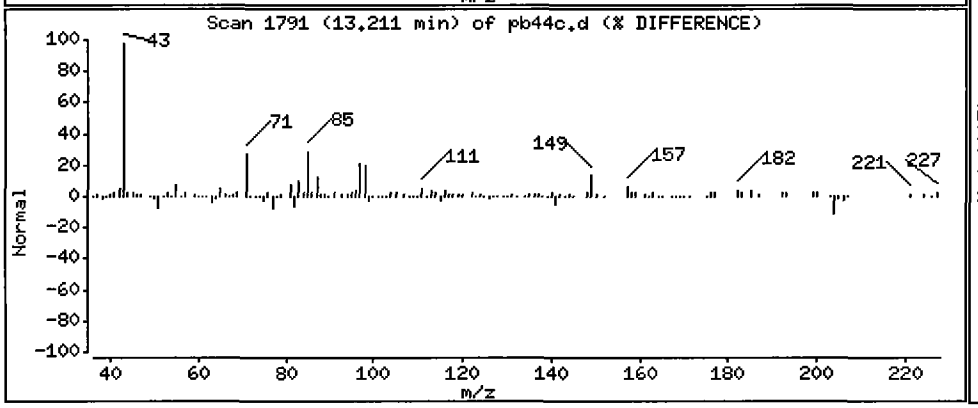
49 Fluorene

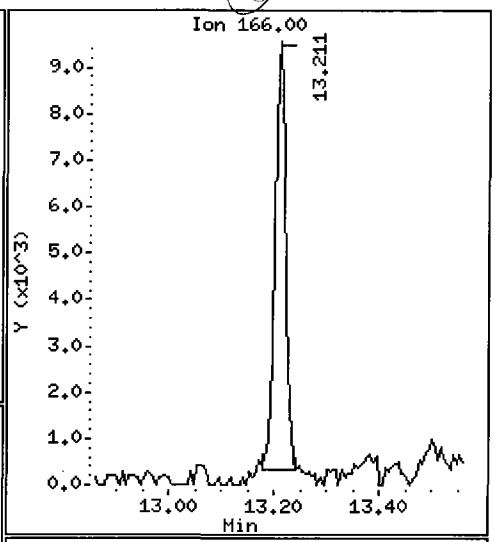
Concentration: 10.33 ug/kg

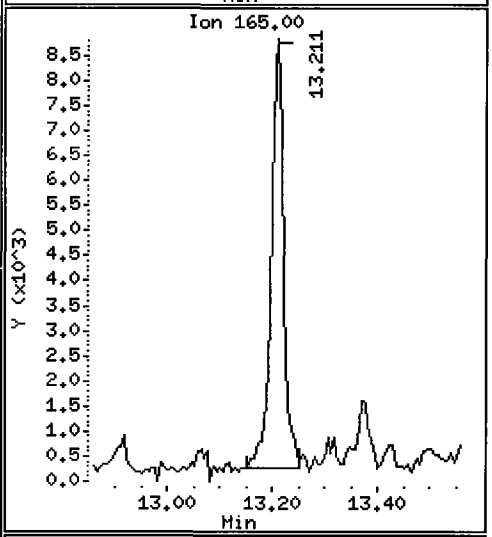


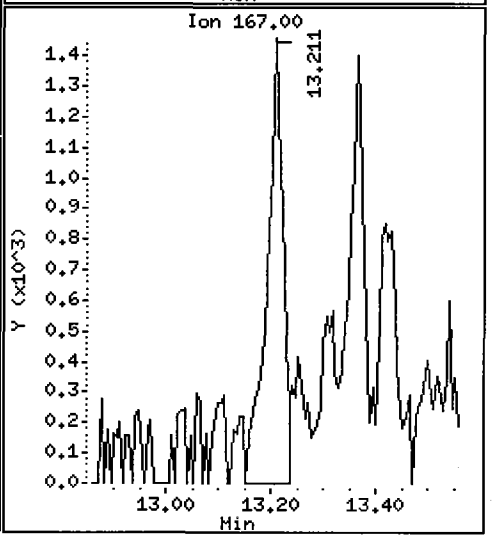












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

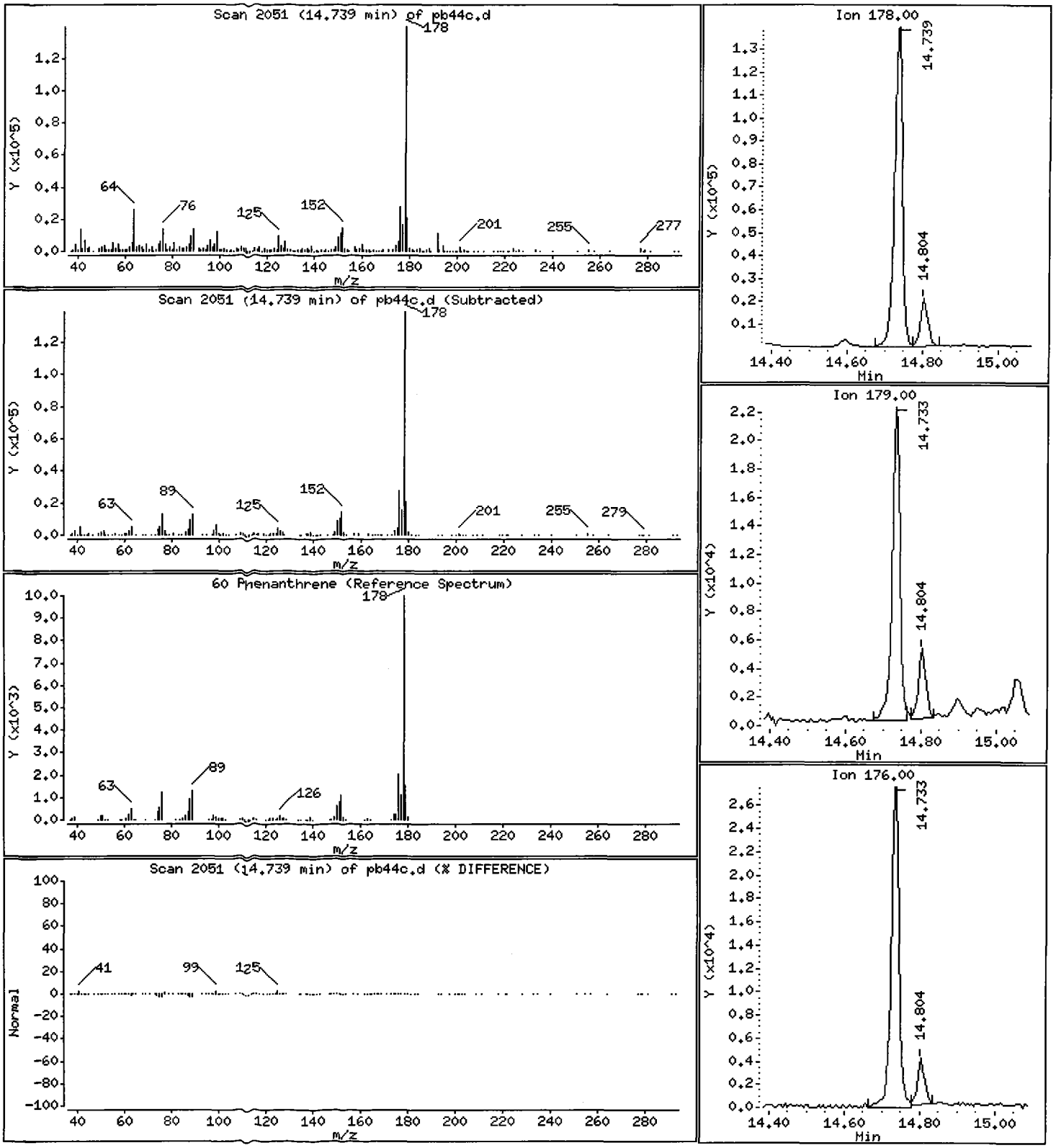
Operator: LJR/VTS

Column phase: ZB-5

Column diameter: 0.32

60 Phenanthrene

Concentration: 114.8 ug/kg



Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

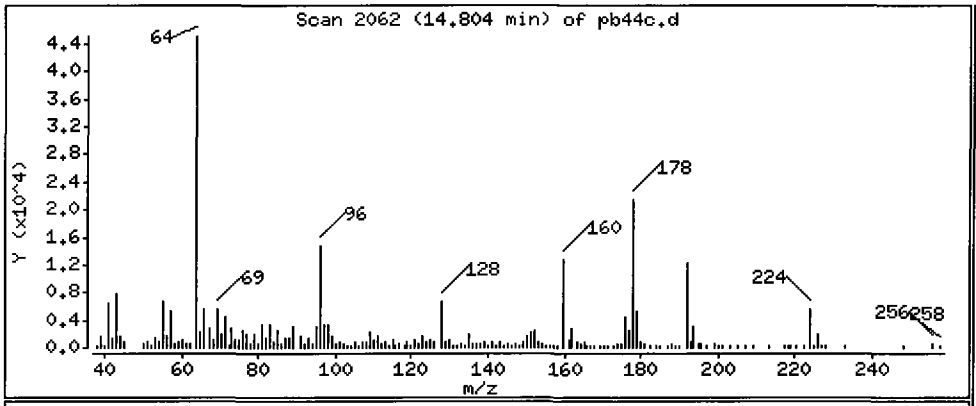
Operator: LJR/VTS

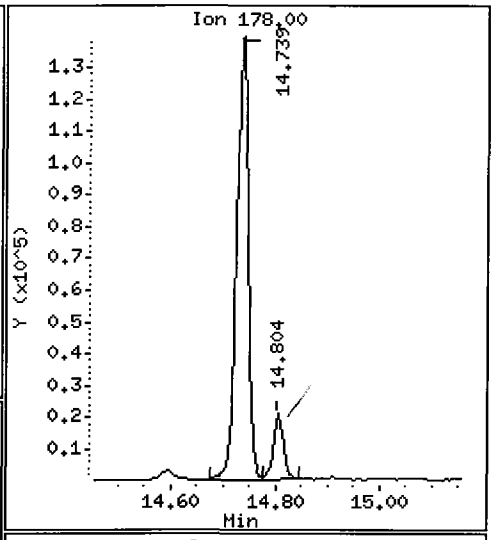
Column phase: ZB-5

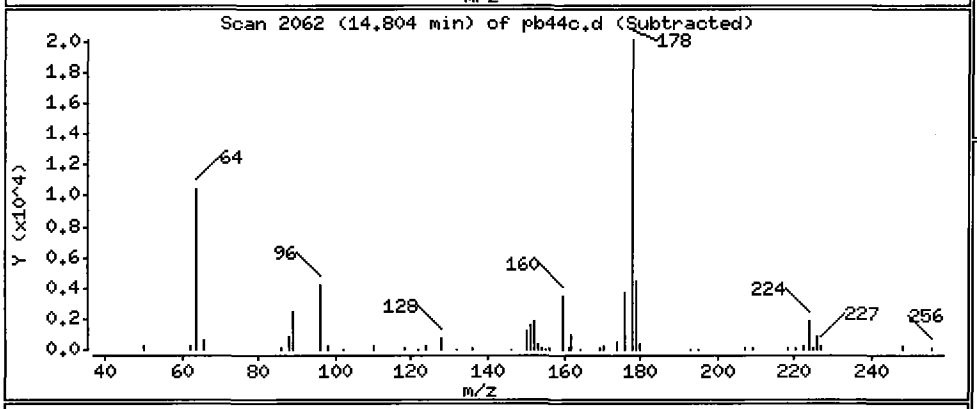
Column diameter: 0.32

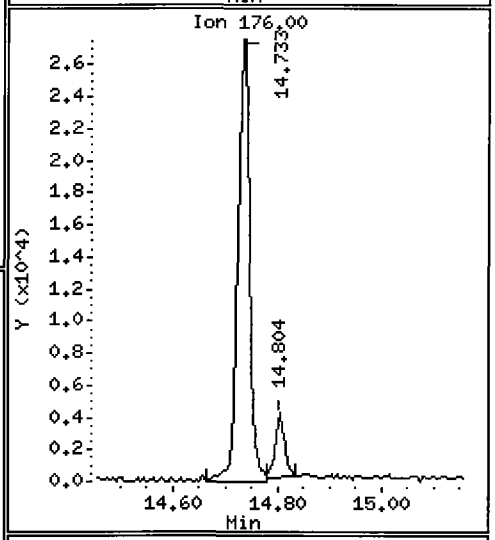
61 Anthracene

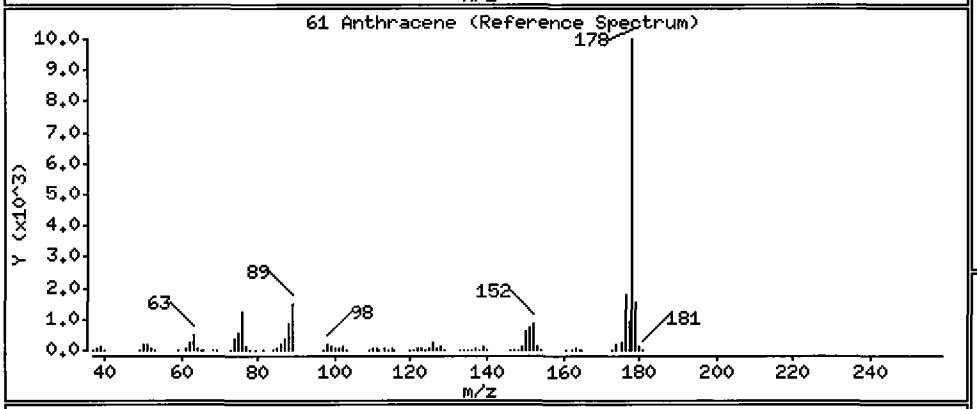
Concentration: 15.38 ug/kg

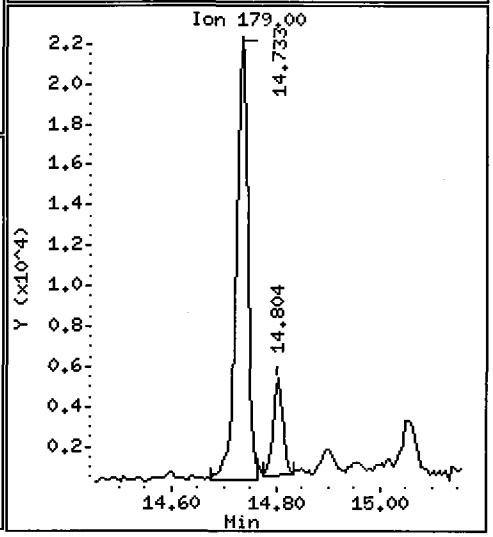


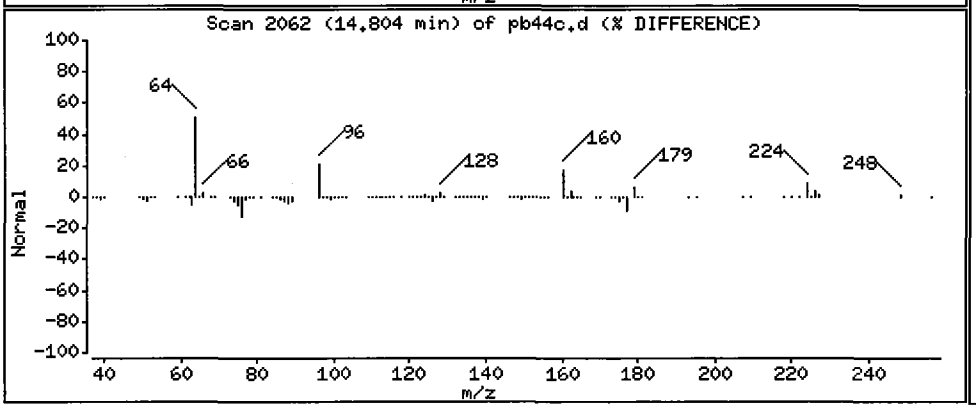












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

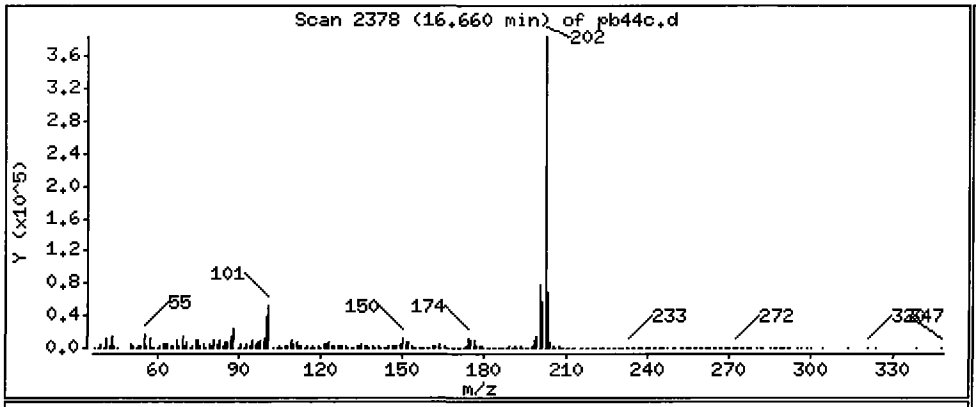
Operator: LJR/VTS

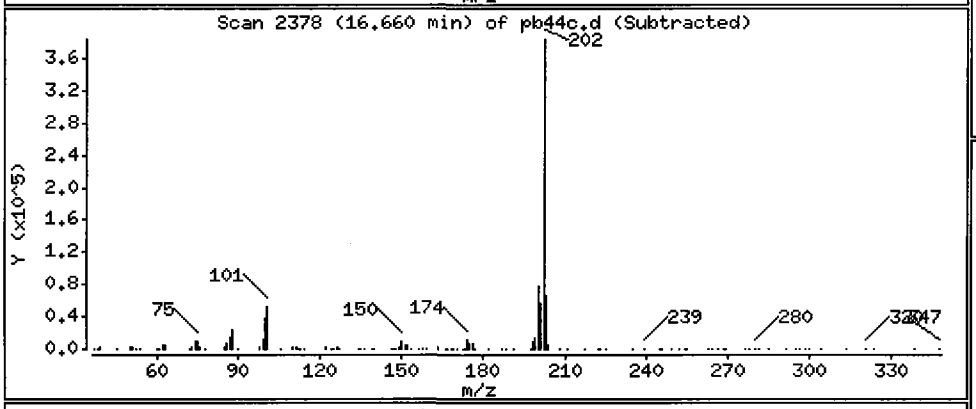
Column phase: ZB-5

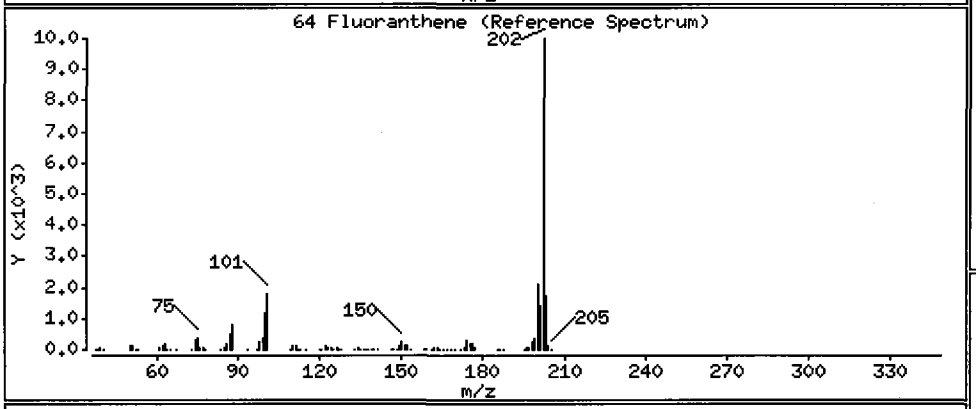
Column diameter: 0.32

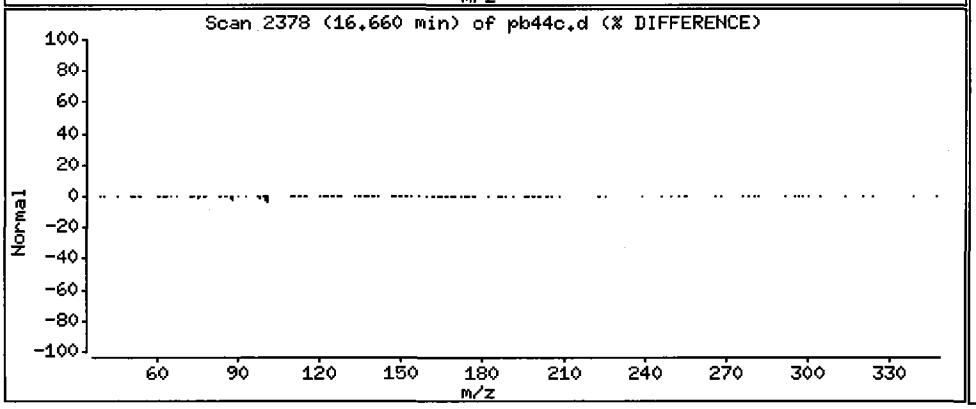
64 Fluoranthene

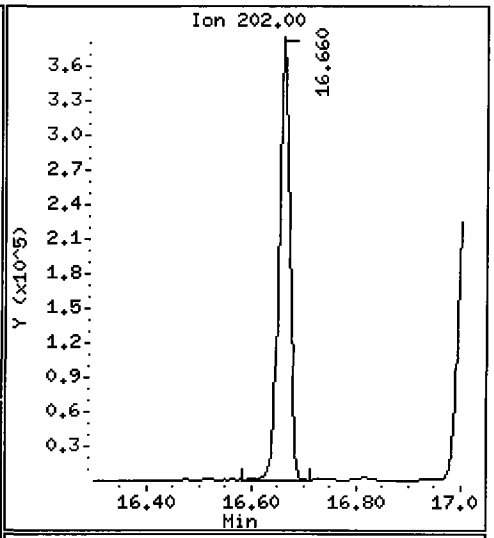
Concentration: 303.8 ug/kg

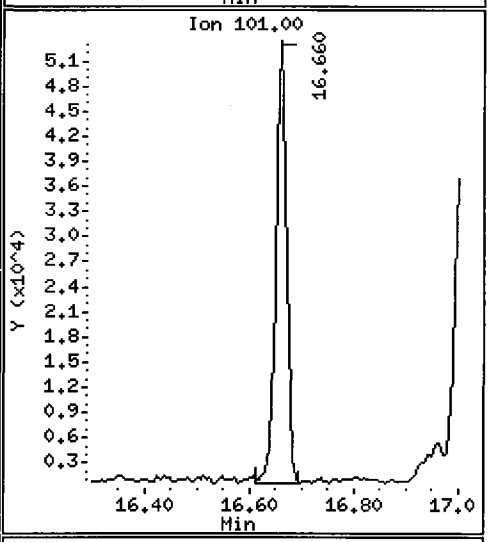


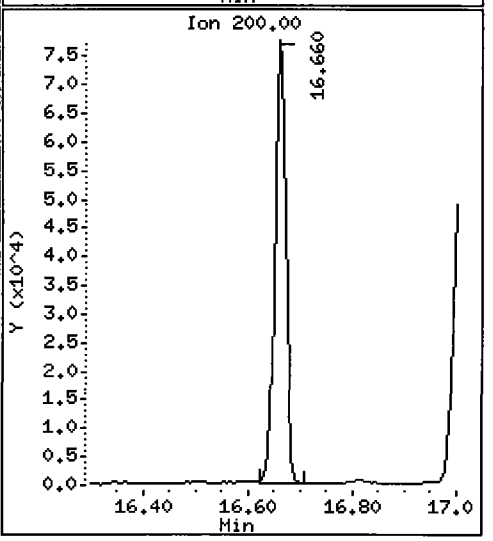












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

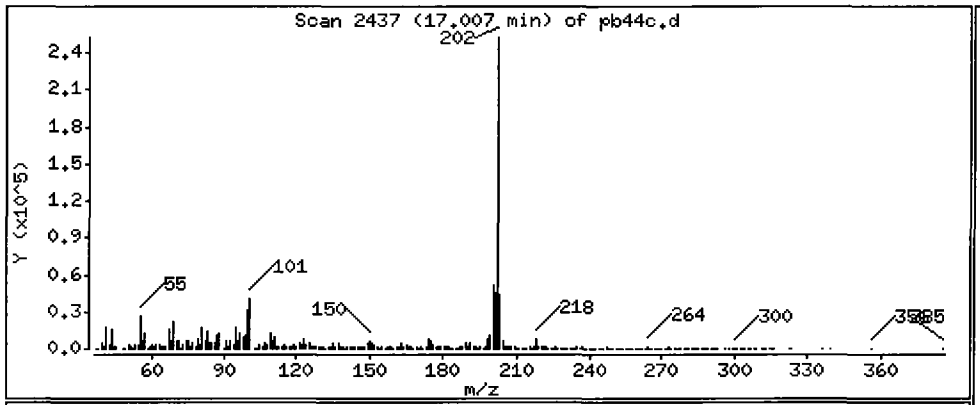
Operator: LJR/VTS

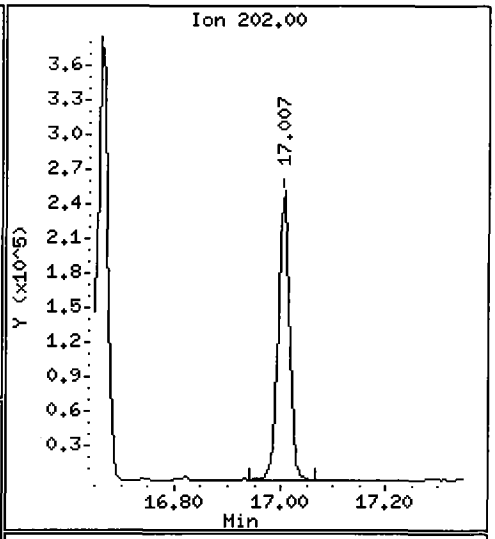
Column phase: ZB-5

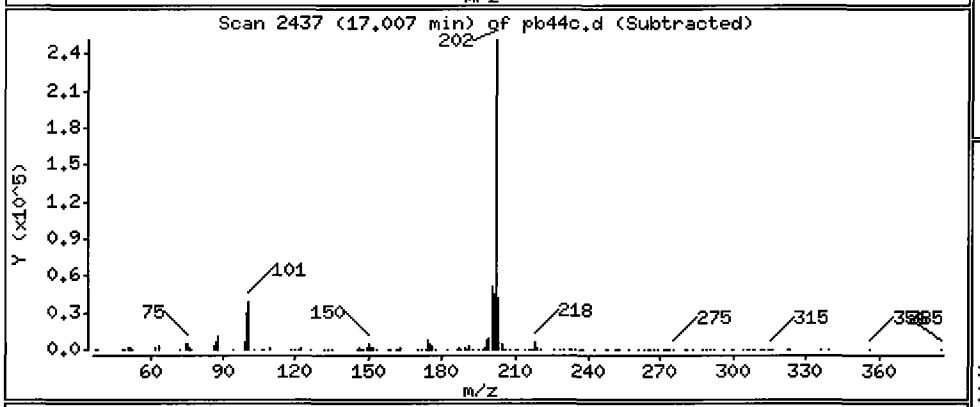
Column diameter: 0.32

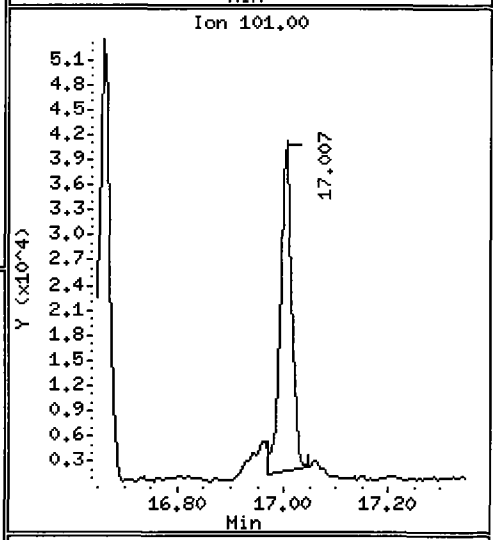
65 Pyrene

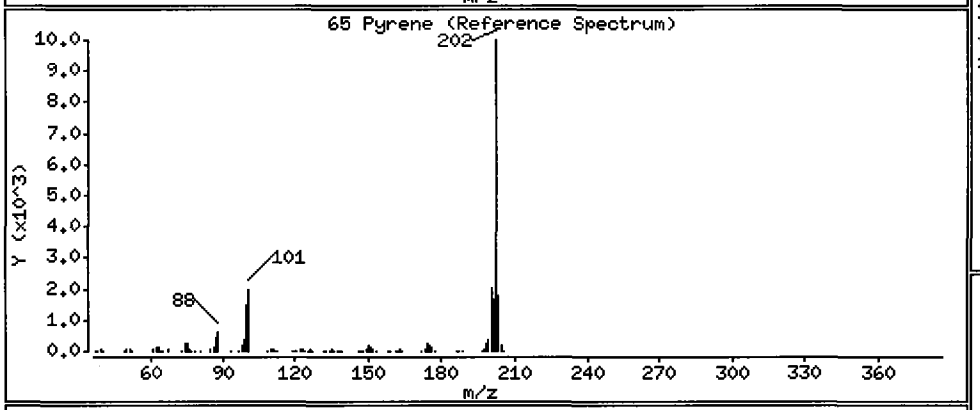
Concentration: 183.1 ug/kg

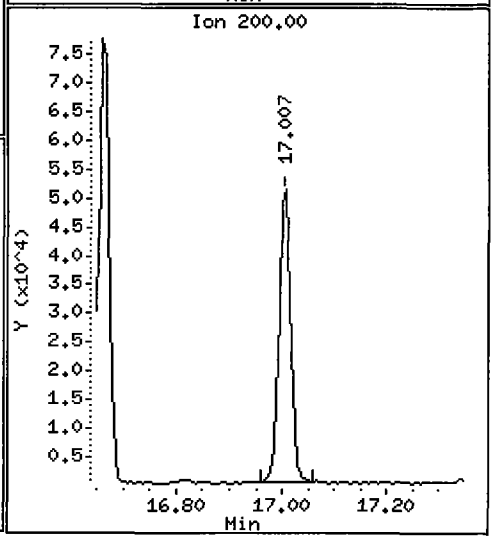


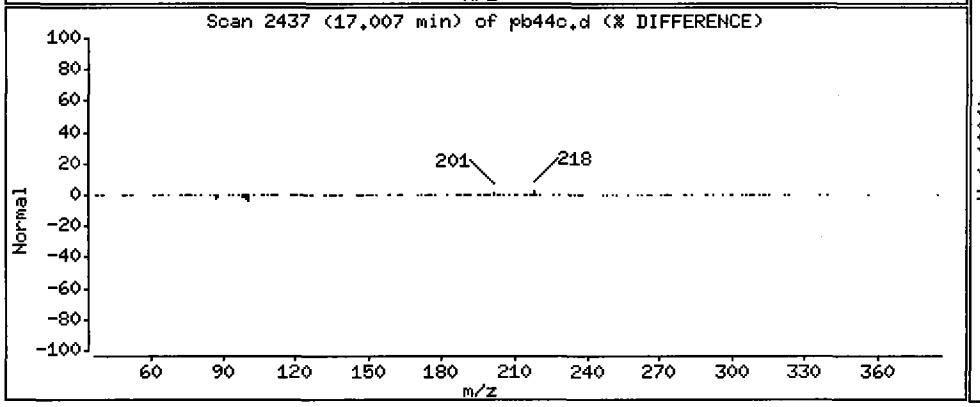












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

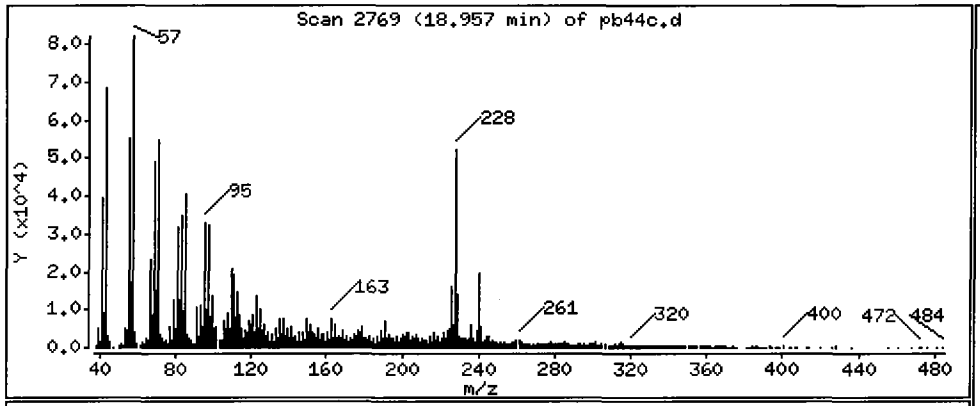
Operator: LJR/VTS

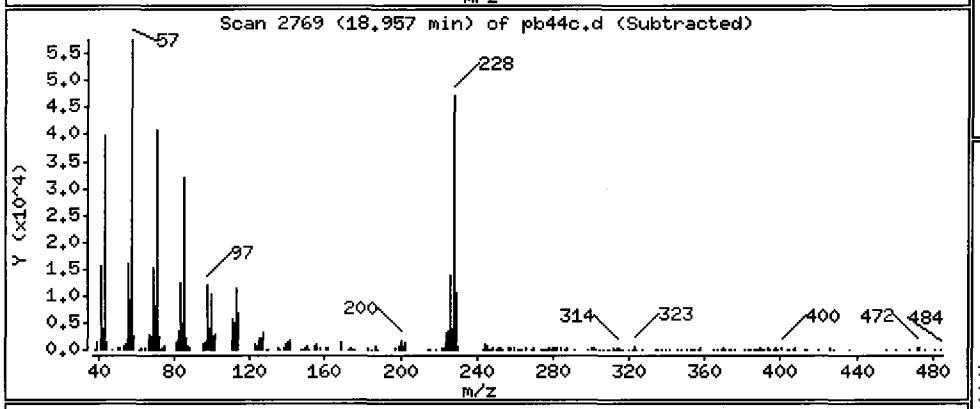
Column phase: ZB-5

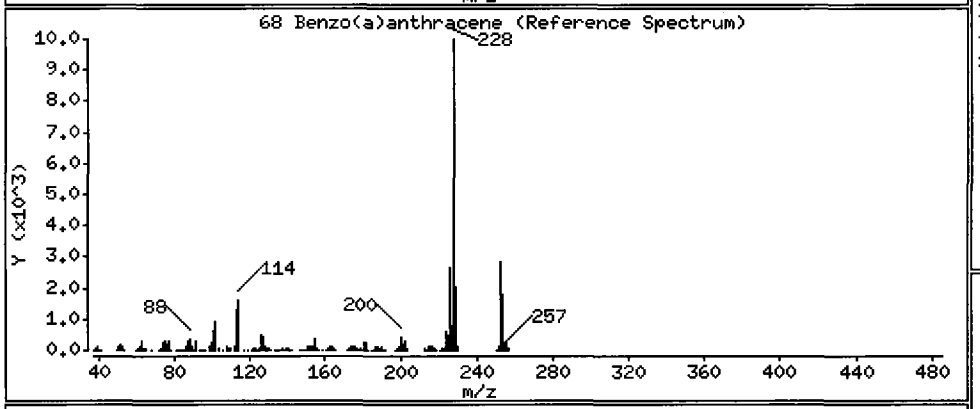
Column diameter: 0.32

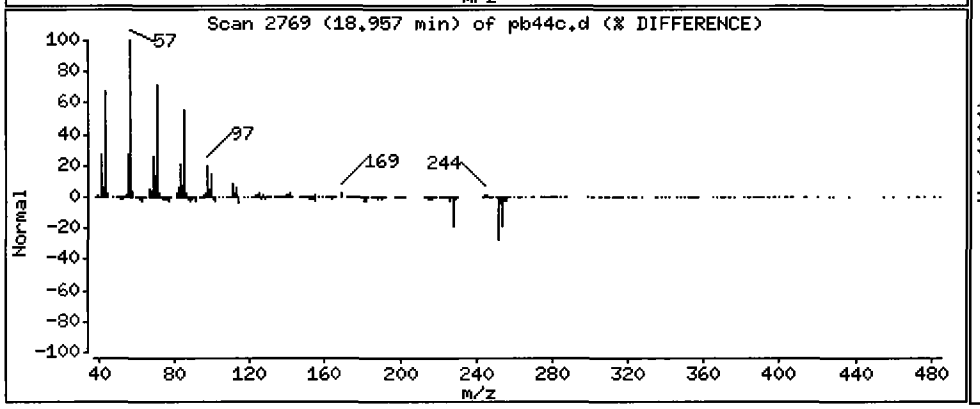
68 Benzo(a)anthracene

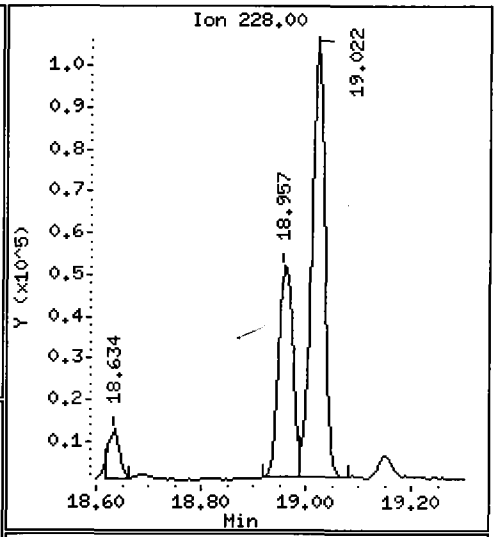
Concentration: 57.83 ug/kg

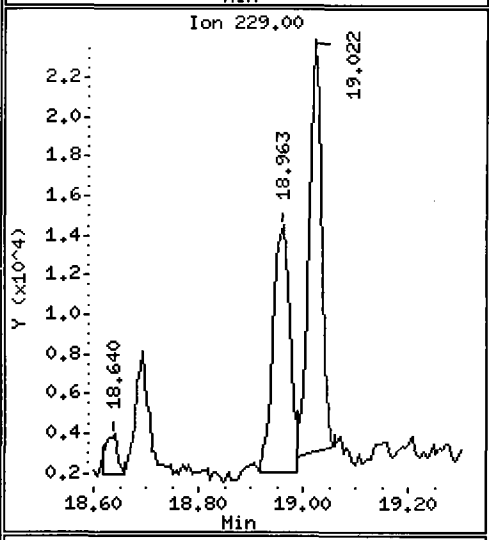


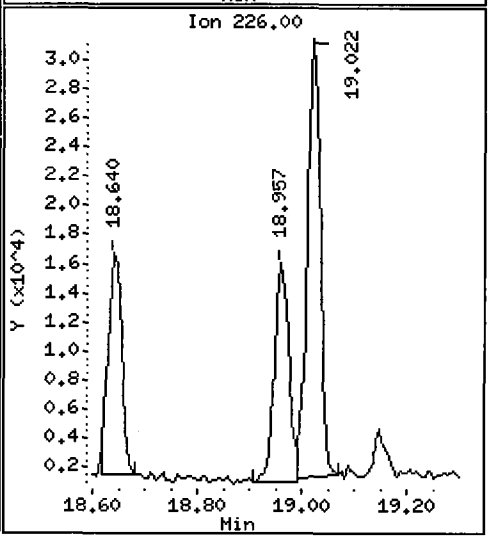












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

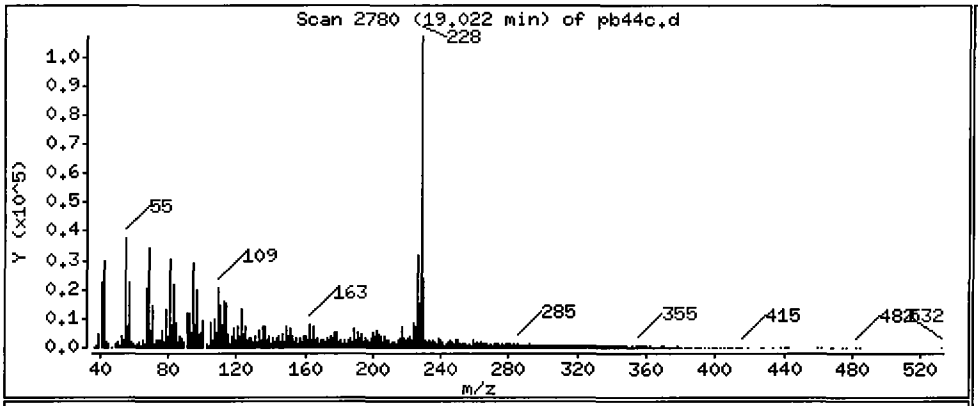
Operator: LJR/VTS

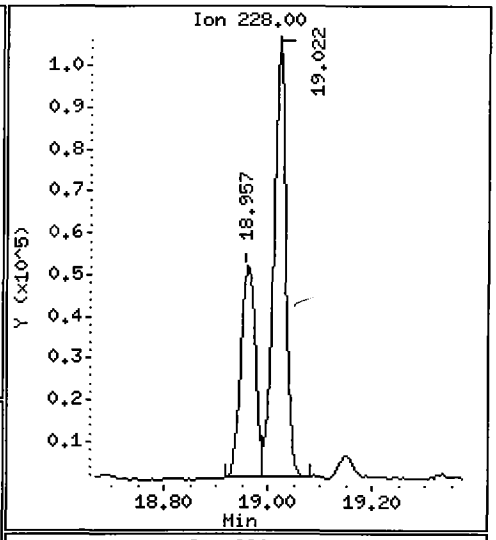
Column phase: ZB-5

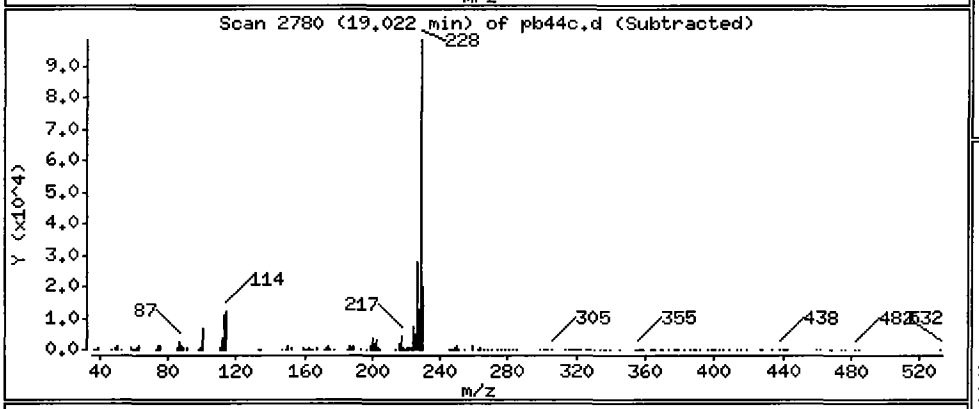
Column diameter: 0.32

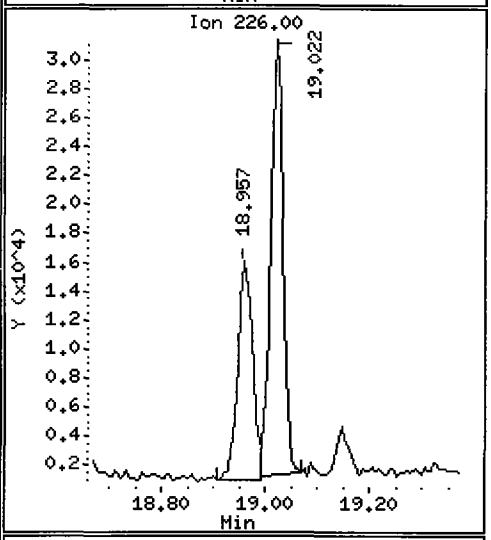
71 Chrysene

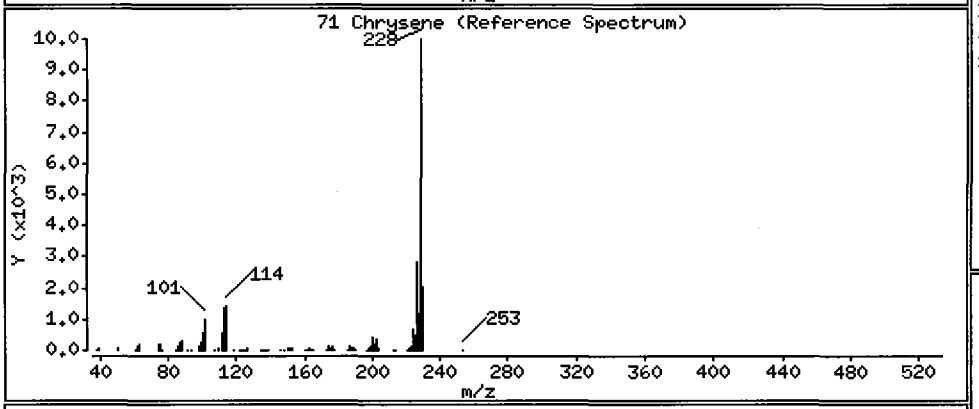
Concentration: 106.9 ug/kg

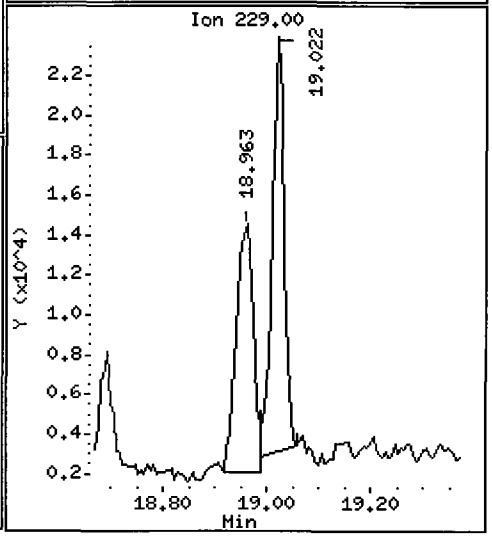


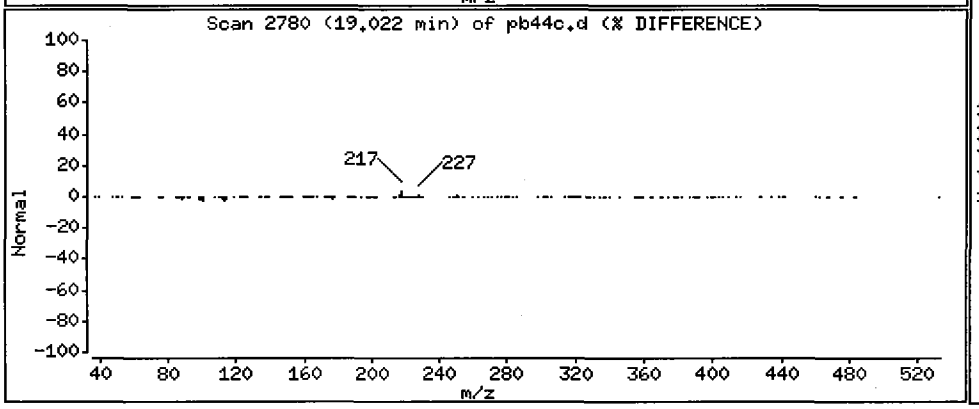












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

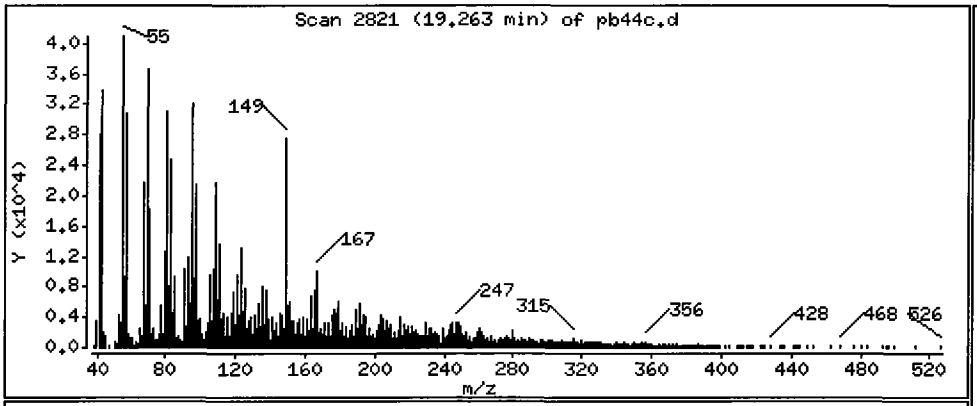
Operator: LJR/VTS

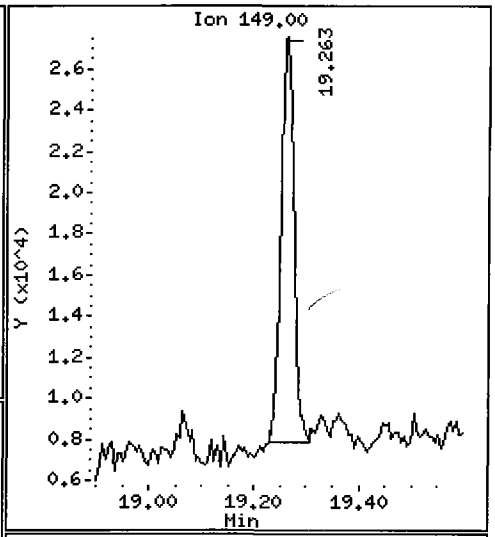
Column phase: ZB-5

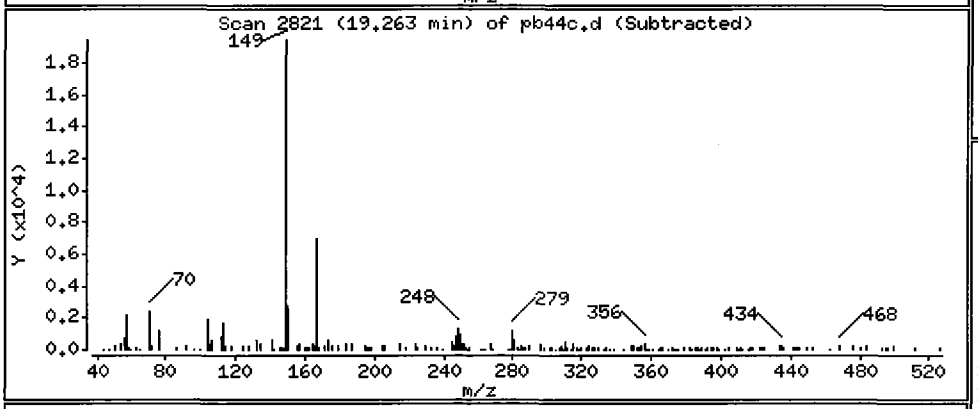
Column diameter: 0.32

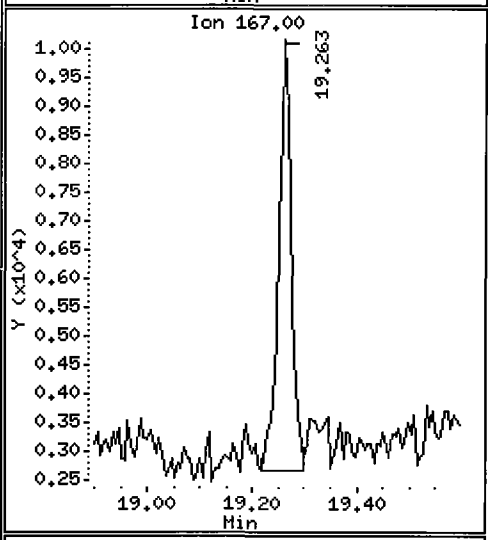
72 bis(2-Ethylhexyl)phthalate

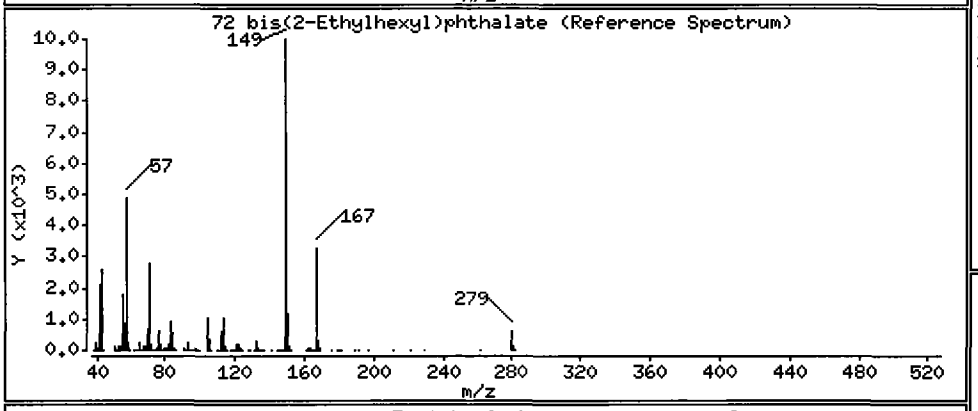
Concentration: 25.37 ug/kg

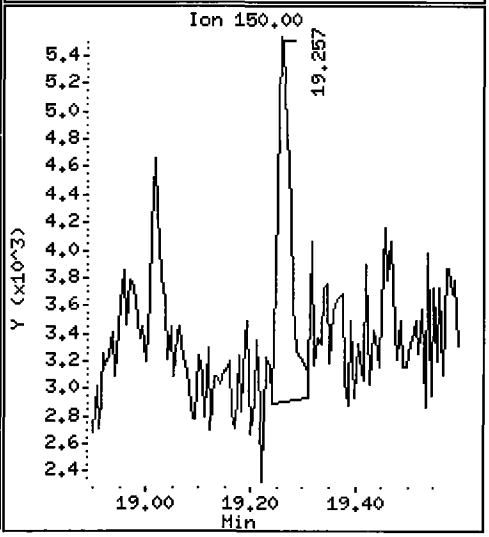


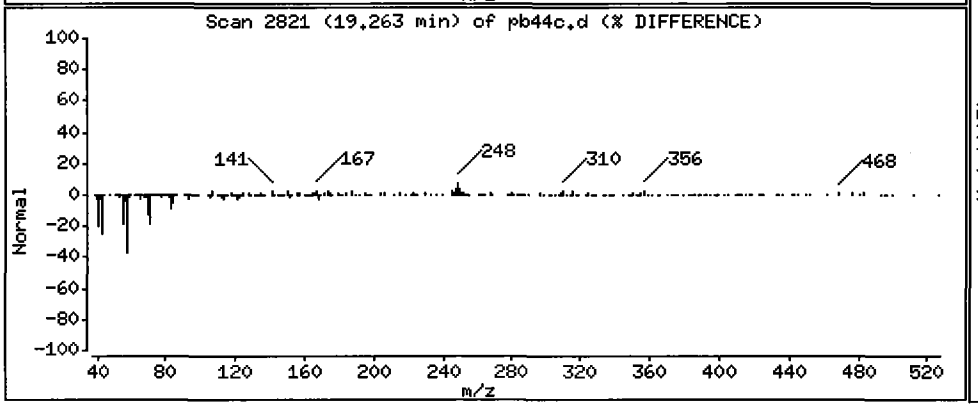












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

Operator: LJR/VTS

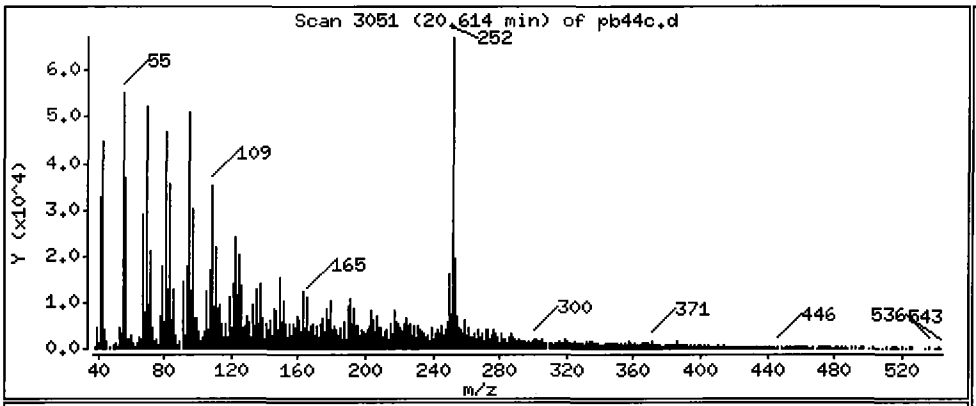
Column phase: ZB-5

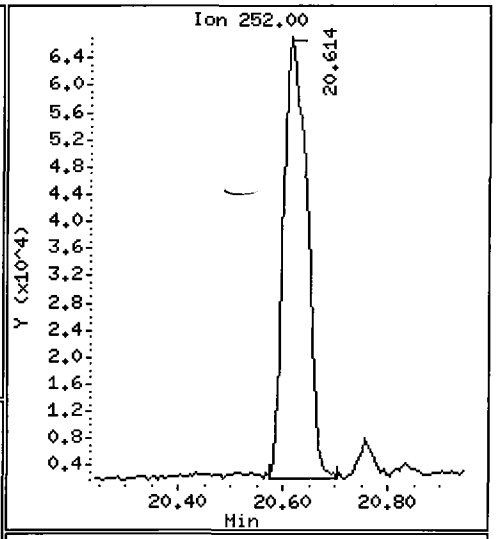
Column diameter: 0.32

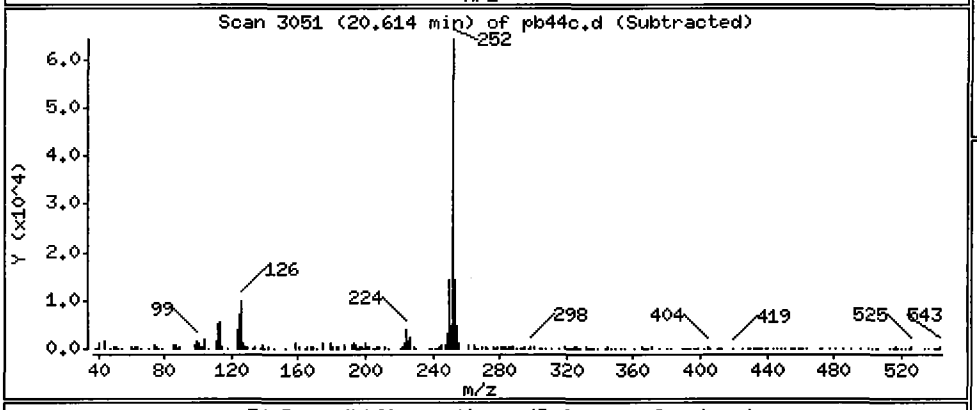
74 Benzo(b)fluoranthene

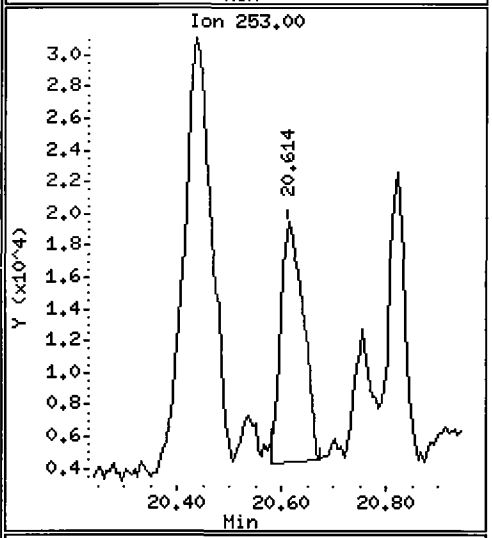
Concentration: 110.2 ug/kg

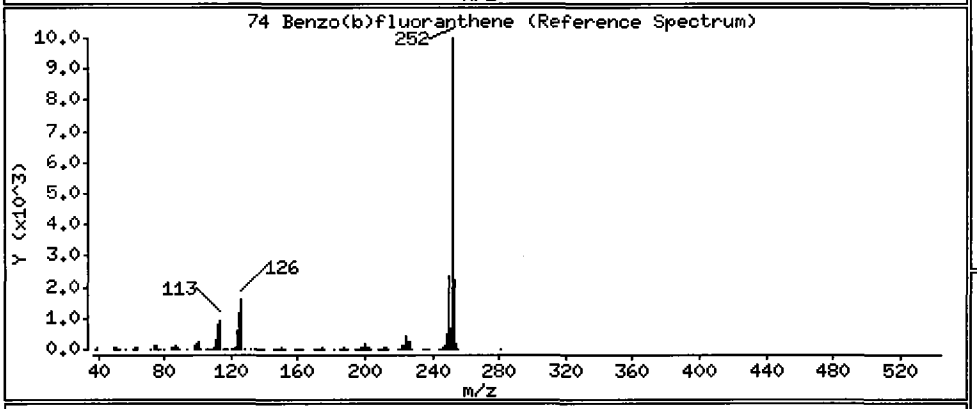
1/2

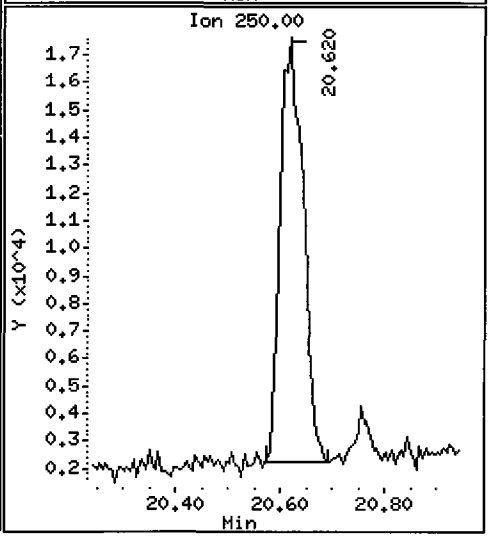


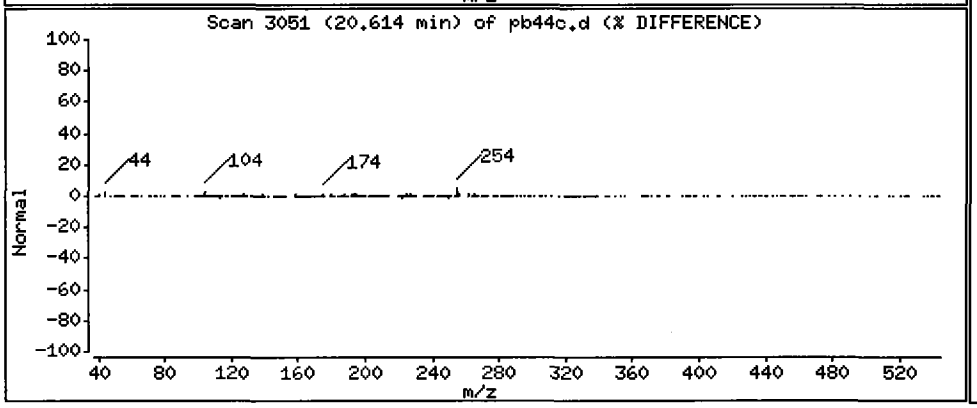












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

Operator: LJR/VTS

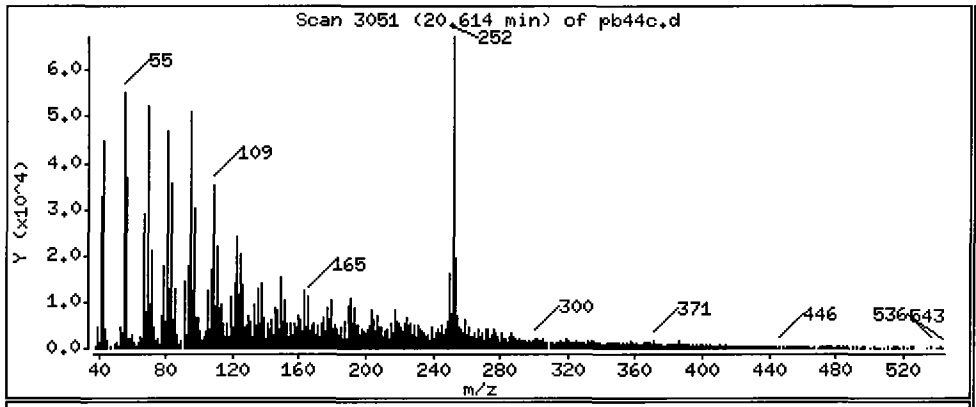
Column phase: ZB-5

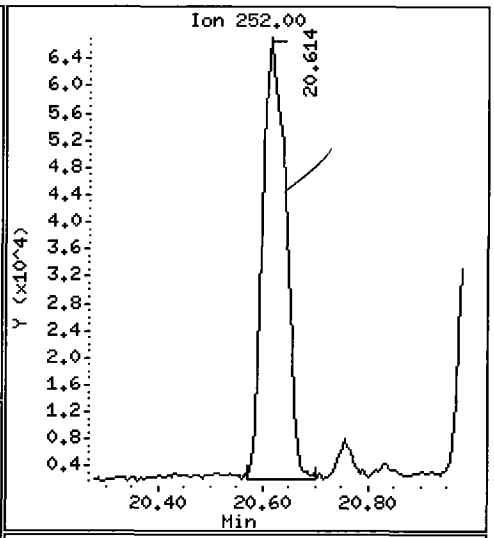
Column diameter: 0.32

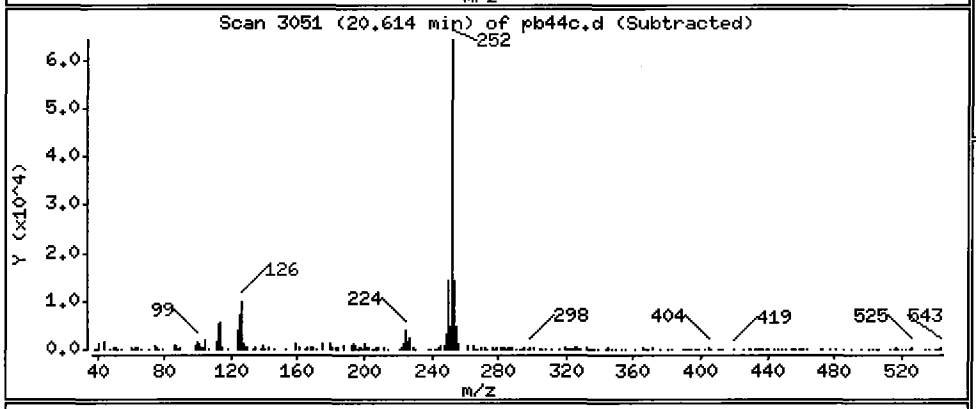
1/2

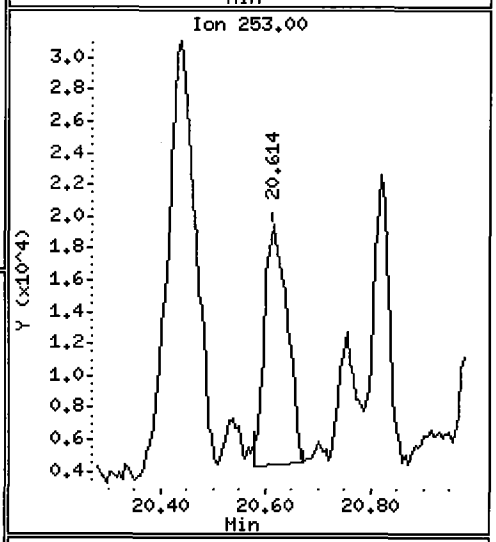
75 Benzo(k)fluoranthene

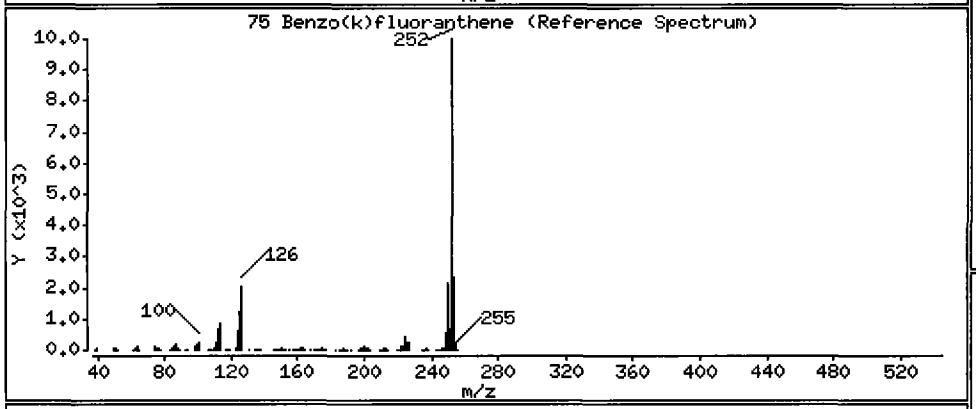
Concentration: 106.5 ug/kg

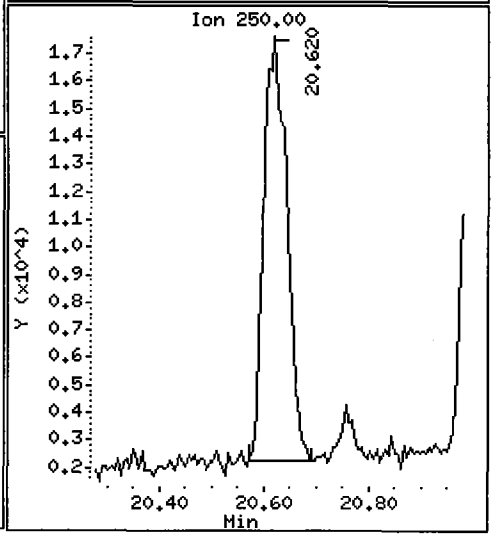


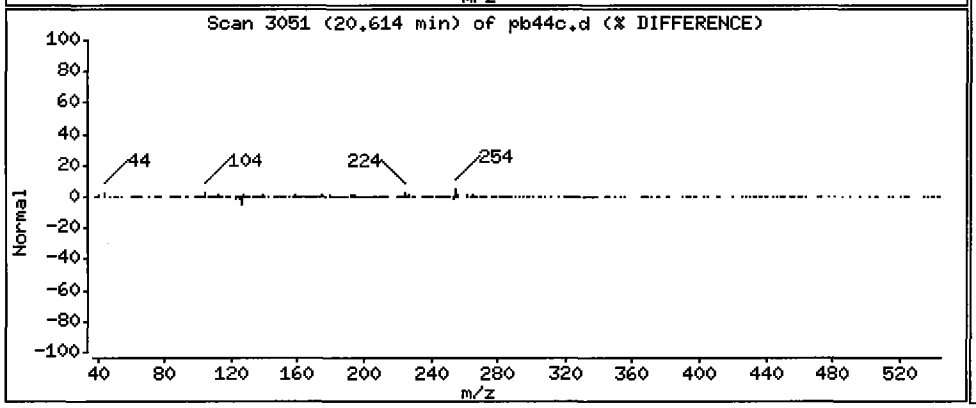












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

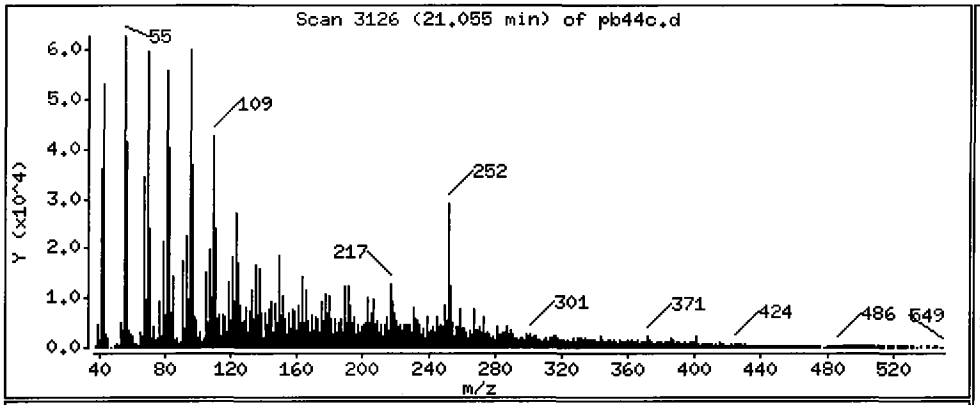
Operator: LJR/VTS

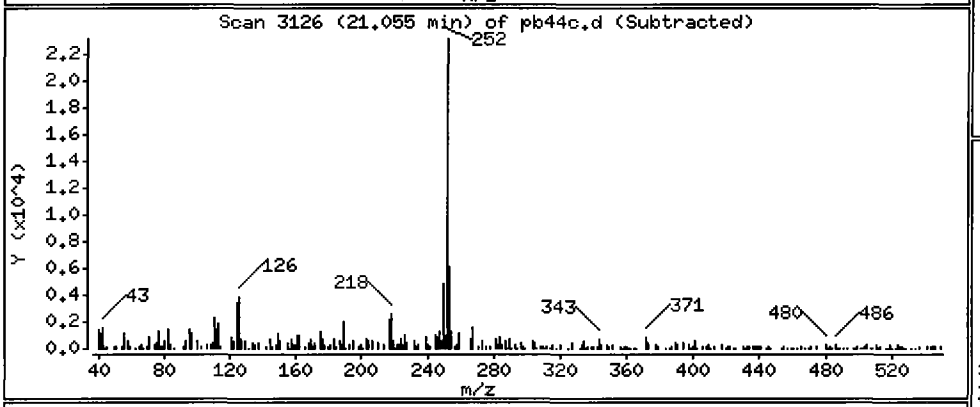
Column phase: ZB-5

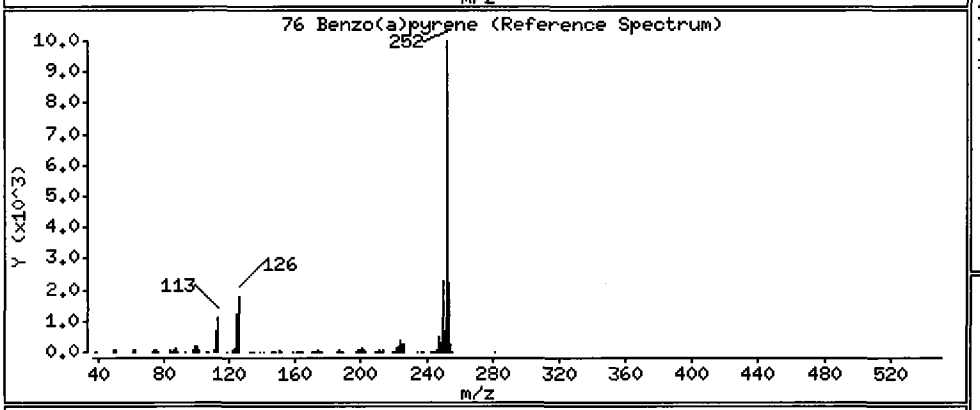
Column diameter: 0.32

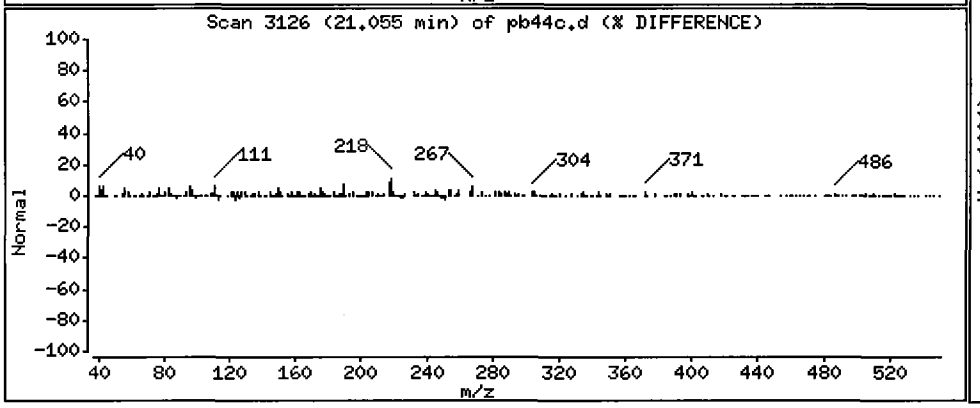
76 Benzo(a)pyrene

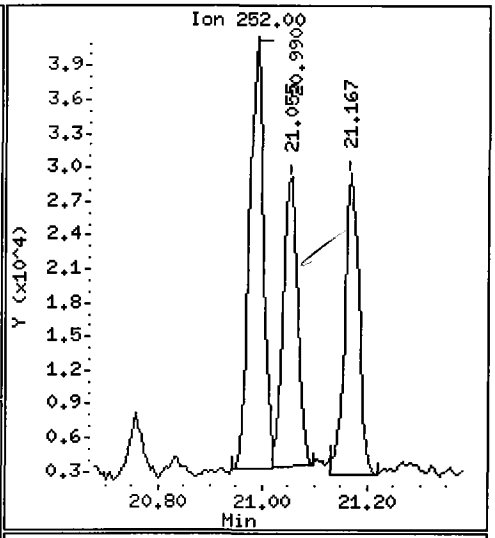
Concentration: 30.44 ug/kg

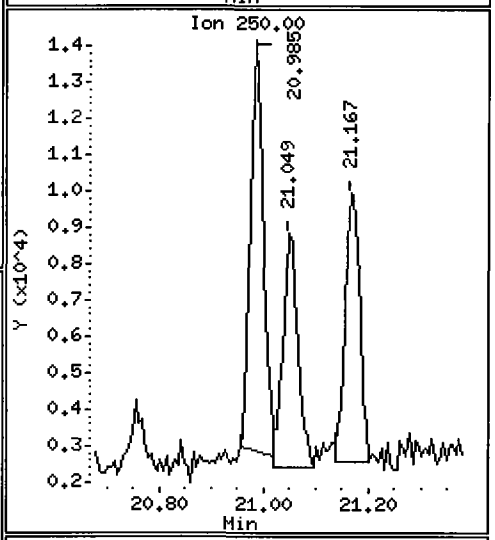


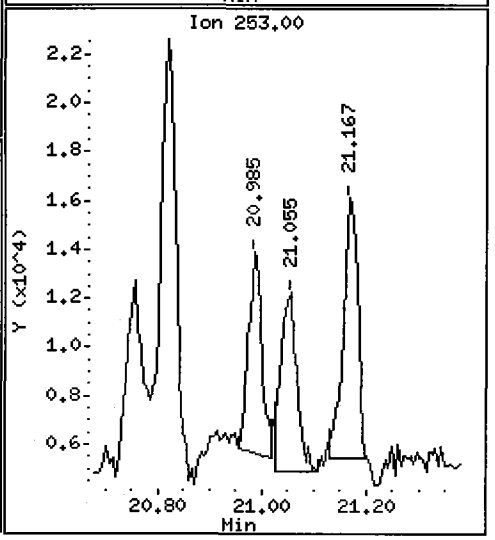












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

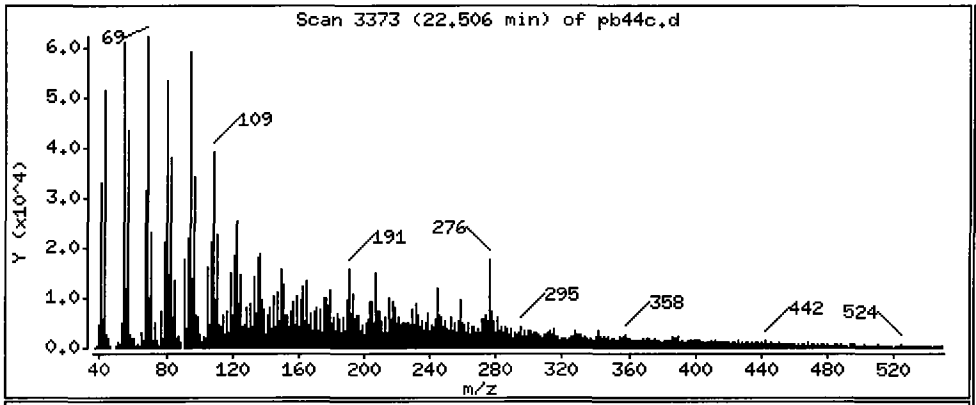
Operator: LJR/VTS

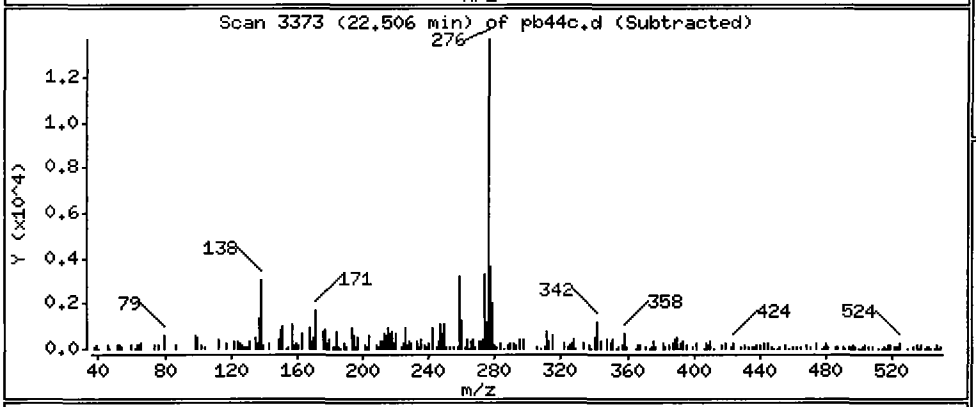
Column phase: ZB-5

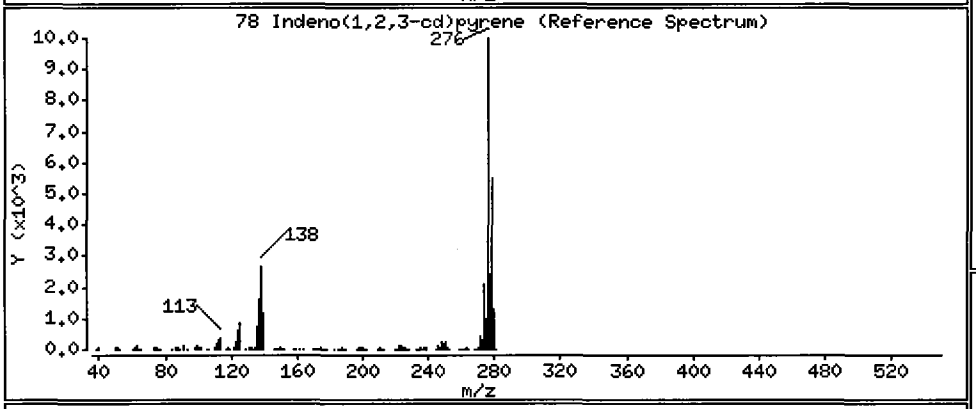
Column diameter: 0.32

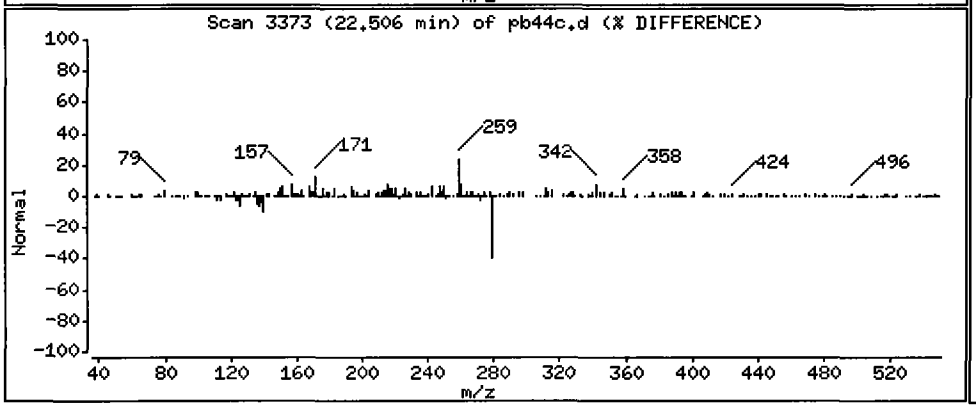
78 Indeno(1,2,3-cd)pyrene

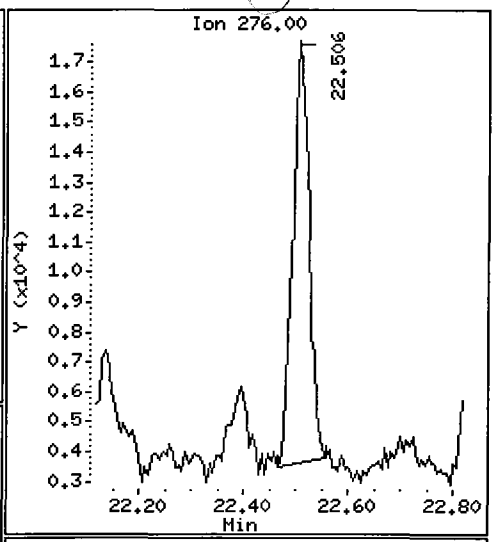
Concentration: 14.85 ug/kg

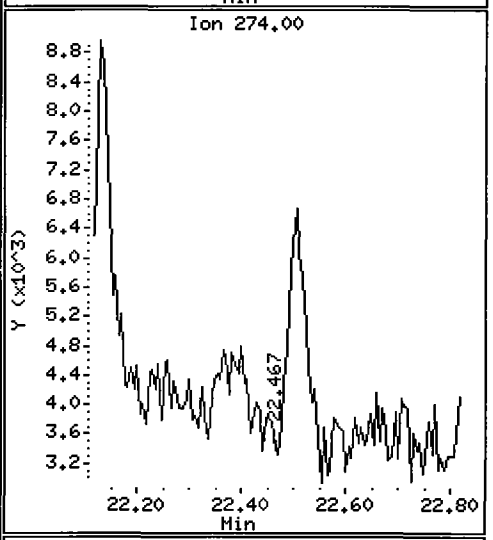


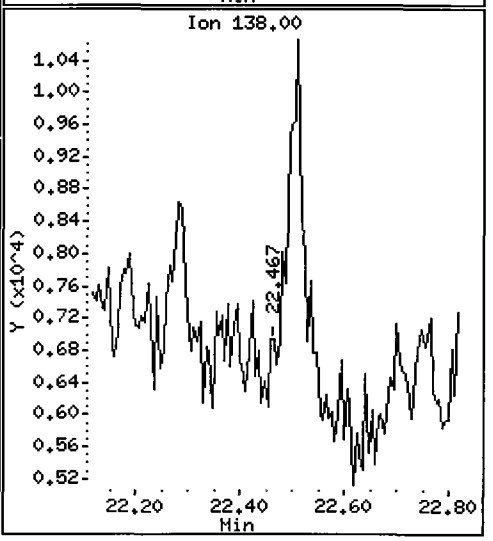












Data File: /chem3/nt4.i/20090616.b/pb44c.d

Date : 16-JUN-2009 15:57

Client ID: 3SED4-C

Instrument: nt4.i

Sample Info: PB44C

Volume Injected (uL): 1.0

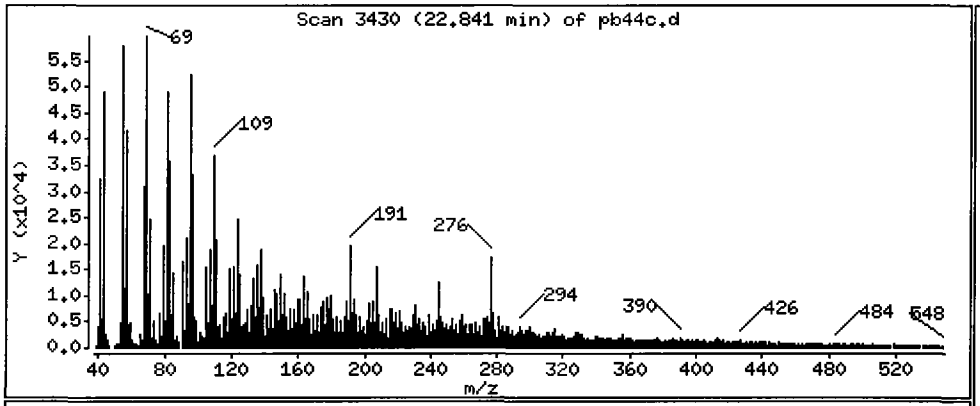
Operator: LJR/VTS

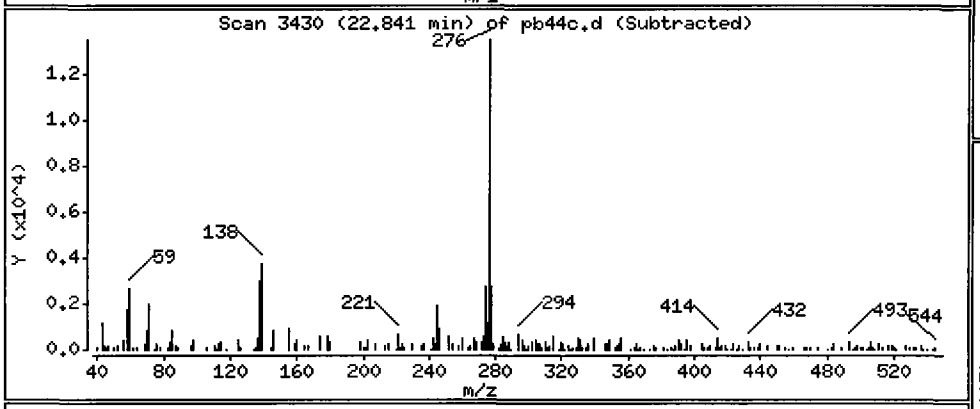
Column phase: ZB-5

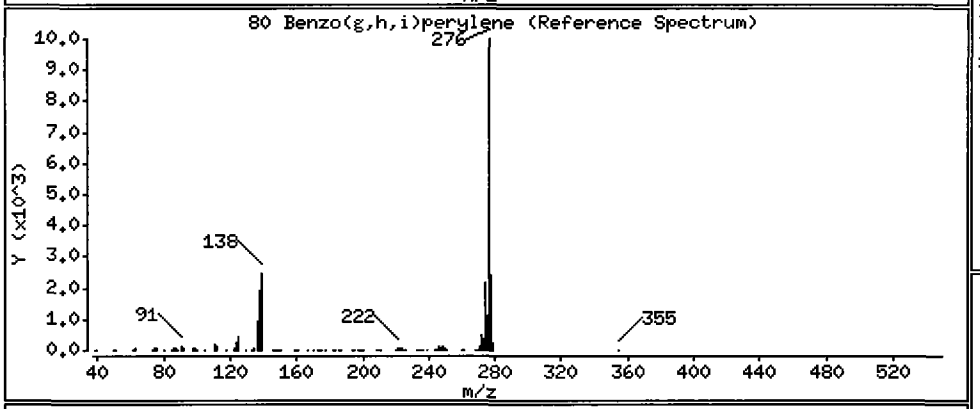
Column diameter: 0.32

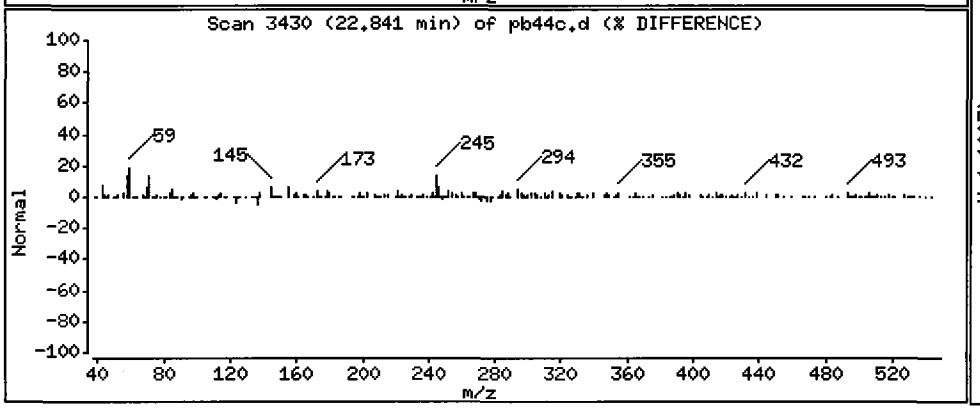
80 Benzo(g,h,i)perylene

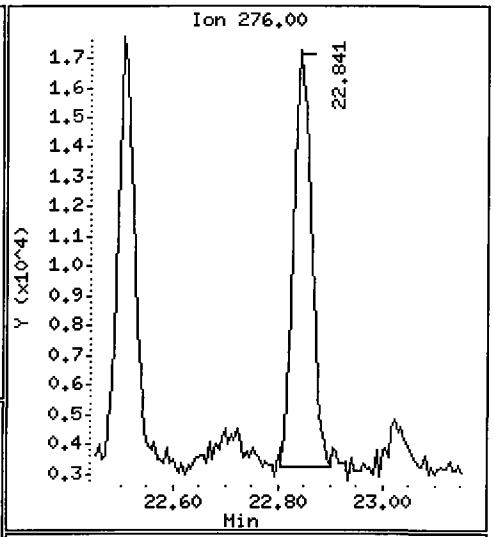
Concentration: 18.15 ug/kg

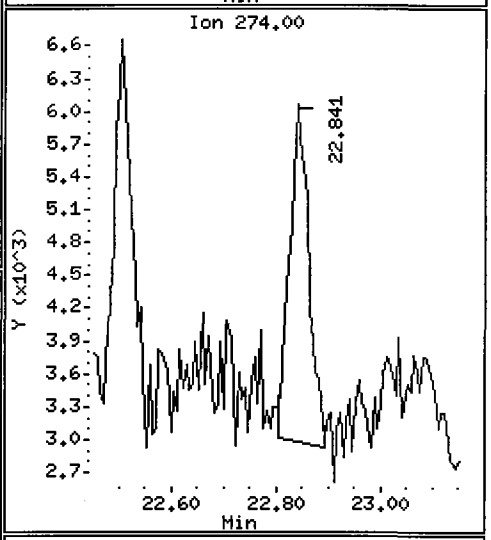


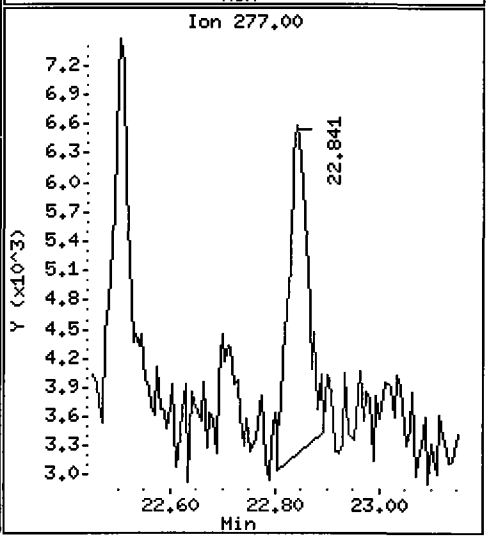












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED3-A
SAMPLE

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 16:32
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 21.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	70	< 70 U
541-73-1	1,3-Dichlorobenzene	70	< 70 U
106-46-7	1,4-Dichlorobenzene	70	< 70 U
100-51-6	Benzyl Alcohol	70	< 70 U
95-50-1	1,2-Dichlorobenzene	70	< 70 U
95-48-7	2-Methylphenol	70	< 70 U
106-44-5	4-Methylphenol	70	< 70 U
67-72-1	Hexachloroethane	70	< 70 U
105-67-9	2,4-Dimethylphenol	70	< 70 U
65-85-0	Benzoic Acid	700	< 700 U
120-82-1	1,2,4-Trichlorobenzene	70	< 70 U
91-20-3	Naphthalene	70	< 70 U
87-68-3	Hexachlorobutadiene	70	< 70 U
91-57-6	2-Methylnaphthalene	70	< 70 U
131-11-3	Dimethylphthalate	70	< 70 U
208-96-8	Acenaphthylene	70	< 70 U
83-32-9	Acenaphthene	70	< 70 U
132-64-9	Dibenzofuran	70	< 70 U
84-66-2	Diethylphthalate	70	< 70 U
86-73-7	Fluorene	70	< 70 U
86-30-6	N-Nitrosodiphenylamine	70	< 70 U
118-74-1	Hexachlorobenzene	70	< 70 U
87-86-5	Pentachlorophenol	350	< 350 U
85-01-8	Phenanthrene	70	< 70 U
120-12-7	Anthracene	70	< 70 U
84-74-2	Di-n-Butylphthalate	70	< 70 U
206-44-0	Fluoranthene	70	< 70 U
129-00-0	Pyrene	70	< 70 U
85-68-7	Butylbenzylphthalate	70	< 70 U
56-55-3	Benzo(a)anthracene	70	< 70 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**70**	**50 J**
218-01-9	Chrysene	70	< 70 U
117-84-0	Di-n-Octyl phthalate	70	< 70 U
205-99-2	Benzo(b)fluoranthene	70	< 70 U
207-08-9	Benzo(k)fluoranthene	70	< 70 U
50-32-8	Benzo(a)pyrene	70	< 70 U
193-39-5	Indeno(1,2,3-cd)pyrene	70	< 70 U
53-70-3	Dibenz(a,h)anthracene	70	< 70 U
191-24-2	**Benzo(g,h,i)perylene**	**70**	**66 J**
90-12-0	1-Methylnaphthalene	70	< 70 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.2%	2-Fluorobiphenyl	66.5%
d14-p-Terphenyl	65.4%	d4-1,2-Dichlorobenzene	52.9%
d5-Phenol	62.0%	2-Fluorophenol	54.1%
2,4,6-Tribromophenol	77.3%	d4-2-Chlorophenol	61.6%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44d.d
Lab Smp Id: PB44D Client Smp ID: 3SED3-A
Inj Date : 16-JUN-2009 16:32
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44D,3
Misc Info : 09-12790
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 7
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.60000	Weight of sample extracted (g)
M	16.30000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$ 1 2-Fluorophenol	112	5.509	5.475	(0.737)	101421	6.75681	473.0
$ 2 Phenol-d5	99	7.148	7.091	(0.957)	158340	7.74675	542.3
3 Phenol	94	Compound Not Detected.					
$ 5 2-Chlorophenol-d4	132	7.183	7.167	(0.961)	97149	7.69587	538.7
4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6 2-Chlorophenol	128	Compound Not Detected.					
7 1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8 1,4-Dichlorobenzene-d4	152	7.471	7.461	(1.000)	195907	20.0000	
9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10 1,2-Dichlorobenzene-d4	152	7.765	7.761	(1.039)	40621	4.40755	308.5
12 1,2-Dichlorobenzene	146	Compound Not Detected.					
11 Benzyl alcohol	108	Compound Not Detected.					
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13 2-Methylphenol	108	Compound Not Detected.					
17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	8.405	8.401	(0.884)	99641	4.93255	345.3
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	Compound Not Detected.					
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.510	9.506	(1.000)	711877	20.0000	
28	Naphthalene	128	Compound Not Detected.					
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	Compound Not Detected.					
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.308	11.309	(0.915)	170765	5.53508	387.5
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	12.354	12.344	(1.000)	407015	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	Compound Not Detected.					
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.640	13.636	(1.104)	36341	9.66478	676.6
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.704	14.694	(1.000)	638267	20.0000	
60	Phenanthrene	178	Compound Not Detected.					
61	Anthracene	178	Compound Not Detected.					
62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	Compound Not Detected.					
$	66 Terphenyl-d14	244	17.348	17.338	(0.913)	165671	5.45241	381.7
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	18.993	18.977	(1.000)	591356	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	Compound Not Detected.					
	72 bis(2-Ethylhexyl)phthalate	149	19.275	19.247	(0.954)	22212	0.70955 LDL	49.67(M)
*	134 Di-n-octylphthalate-d4	153	20.209	20.181	(1.000)	967918	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	20.626	20.593	(0.975)	25743	0.58895	~~41.23(M)~~ 0.290
	75 Benzo(k)fluoranthene	252	20.626	20.628	(0.975)	25743	0.56912	~~39.84(M)~~ 0.290
	76 Benzo(a)pyrene	252	Compound Not Detected.					
*	77 Perylene-d12	264	21.161	21.110	(1.000)	625547	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	22.894	22.802	(1.082)	42000	0.94730 LDL	66.32(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44d.d
Lab Smp Id: PB44D
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12790

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED3-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	195907	8.46
27 Naphthalene-d8	633172	316586	1266344	711877	12.43
42 Acenaphthene-d10	336916	168458	673832	407015	20.81
59 Phenanthrene-d10	514258	257129	1028516	638267	24.11
69 Chrysene-d12	376875	188438	753750	591356	56.91
134 Di-n-octylphthala	640574	320287	1281148	967918	51.10
77 Perylene-d12	383864	191932	767728	625547	62.96

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.47	0.14
27 Naphthalene-d8	9.51	9.01	10.01	9.51	0.05
42 Acenaphthene-d10	12.34	11.84	12.84	12.35	0.08
59 Phenanthrene-d10	14.69	14.19	15.19	14.70	0.07
69 Chrysene-d12	18.98	18.48	19.48	18.99	0.08
134 Di-n-octylphthala	20.18	19.68	20.68	20.21	0.14
77 Perylene-d12	21.11	20.61	21.61	21.16	0.24

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44D
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12790

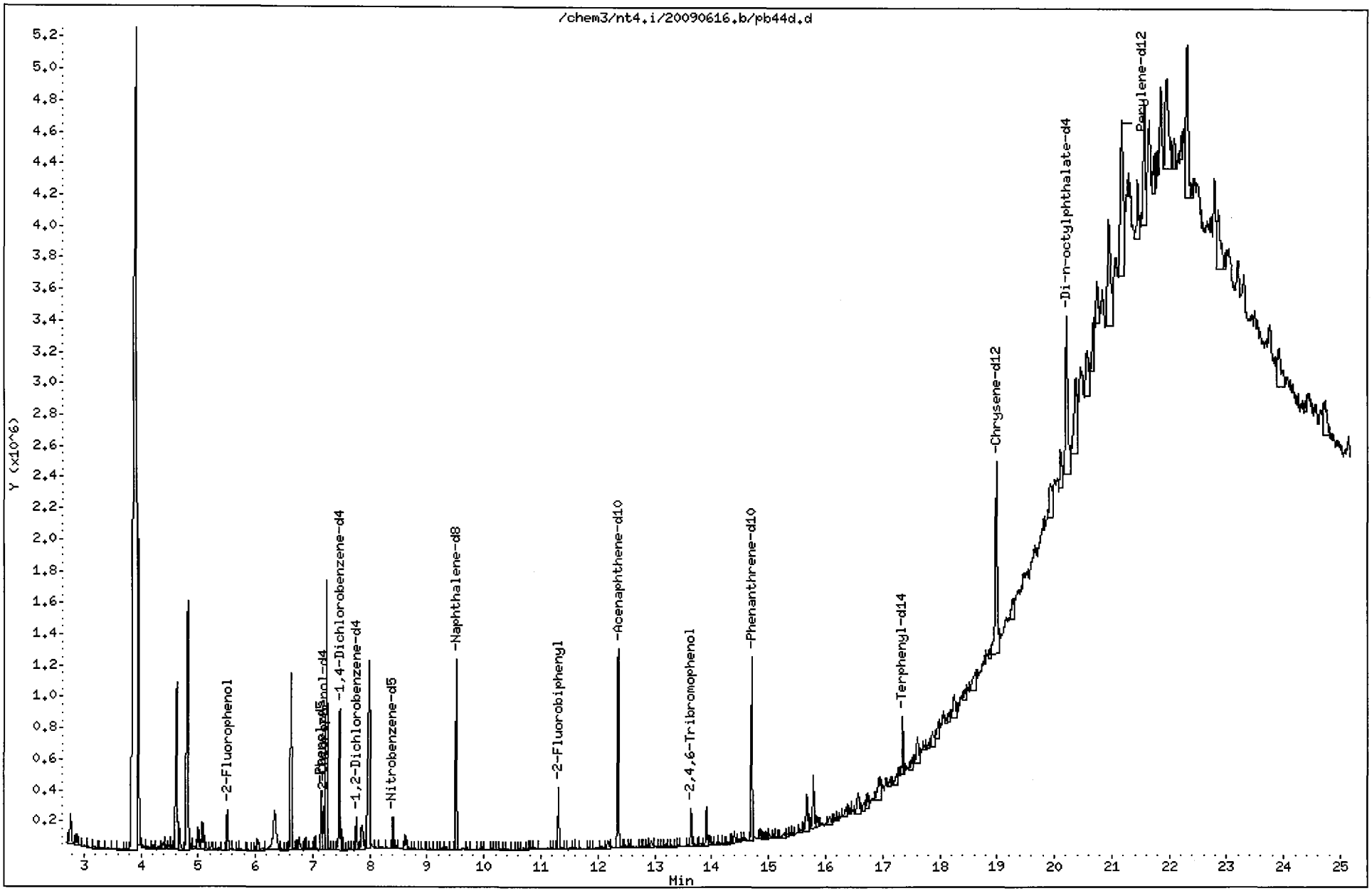
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED3-A
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	875.1	473.0	54.05	21-100
$ 2 Phenol-d5	875.1	542.3	61.97	10-100
$ 5 2-Chlorophenol-d4	875.1	538.7	61.57	30-100
$ 10 1,2-Dichlorobenzen	583.4	308.5	52.89	24-100
$ 18 Nitrobenzene-d5	583.4	345.3	59.19	26-100
$ 36 2-Fluorobiphenyl	583.4	387.5	66.42	32-100
$ 55 2,4,6-Tribromophen	875.1	676.6	77.32	33-118
$ 66 Terphenyl-d14	583.4	381.7	65.43	21-97

Data File: /chem3/nt4.i/20090616.b/pb44d.d
Date : 16-JUN-2009 16:32
Client ID: 3SED3-A
Sample Info: PB44D,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: LJR/VTS
Column diameter: 0.32

PB44 : 05227



Data File: /chem3/nt4.i/20090616.b/pb44d.d

Date : 16-JUN-2009 16:32

Client ID: 3SED3-A

Instrument: nt4.i

Sample Info: PB44D,3

Volume Injected (uL): 1.0

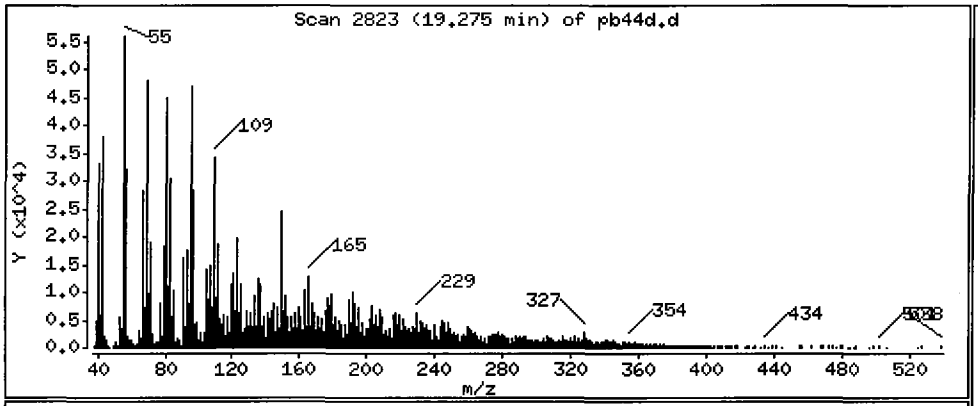
Operator: LJR/VTS

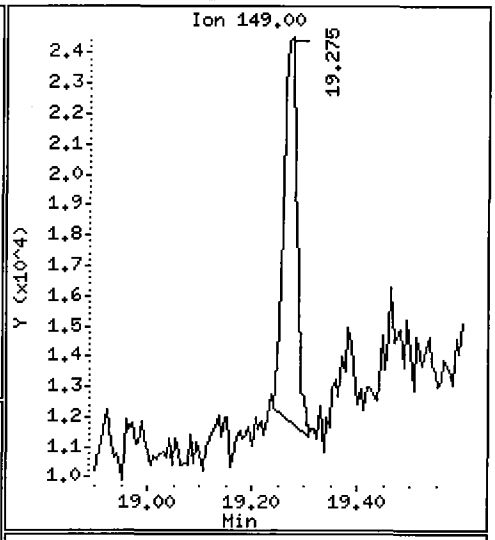
Column phase: ZB-5

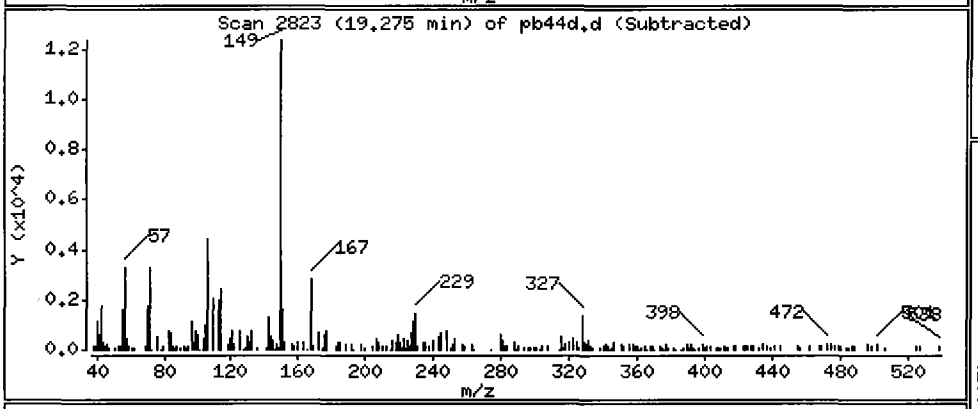
Column diameter: 0.32

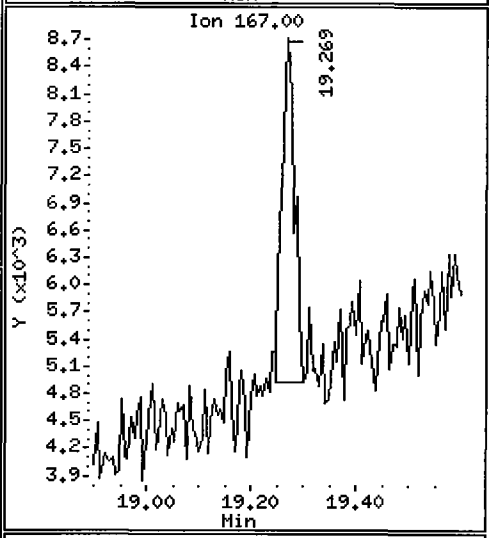
72 bis(2-Ethylhexyl)phthalate

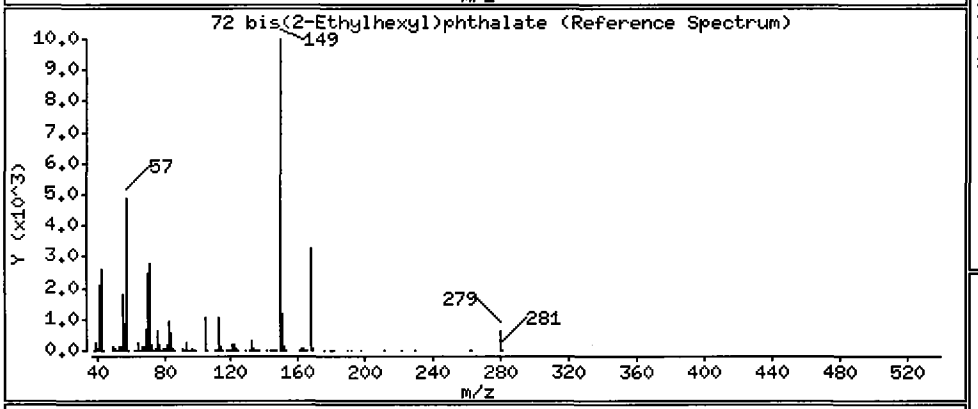
Concentration: 49.67 ug/kg

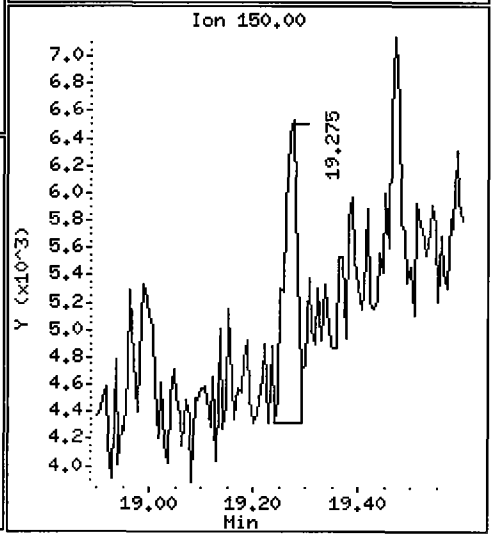


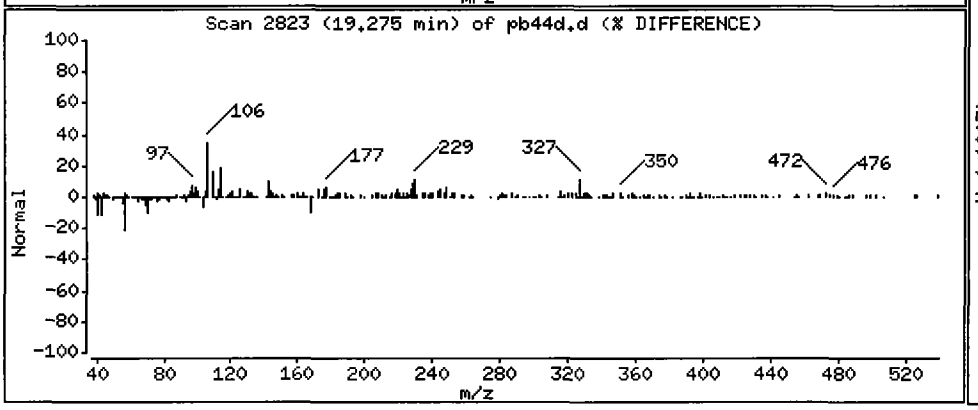












Data File: /chem3/nt4.i/20090616.b/pb44d.d

Date : 16-JUN-2009 16:32

Client ID: 3SED3-A

Instrument: nt4.i

Sample Info: PB44D,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

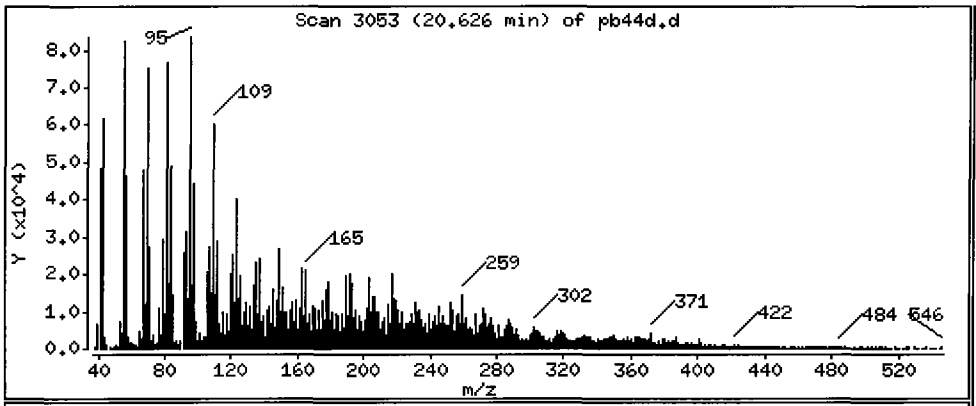
Column phase: ZB-5

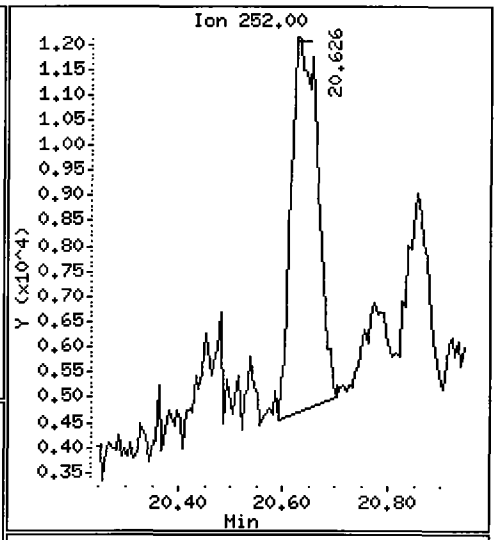
Column diameter: 0.32

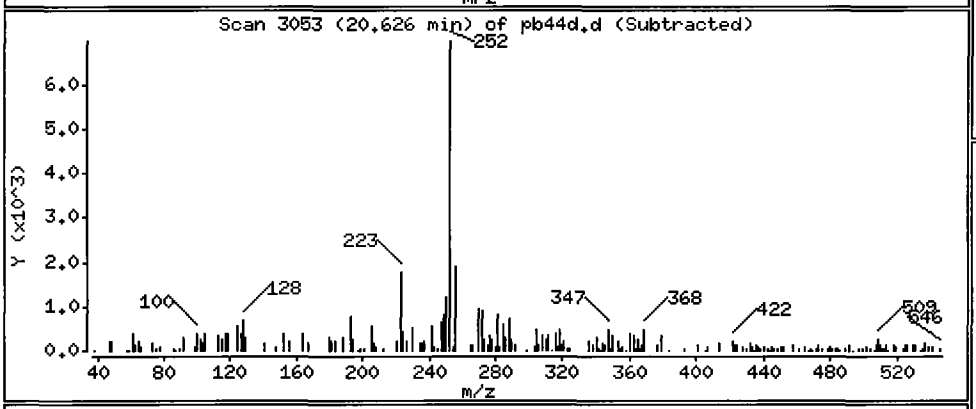
1/2 cmpd

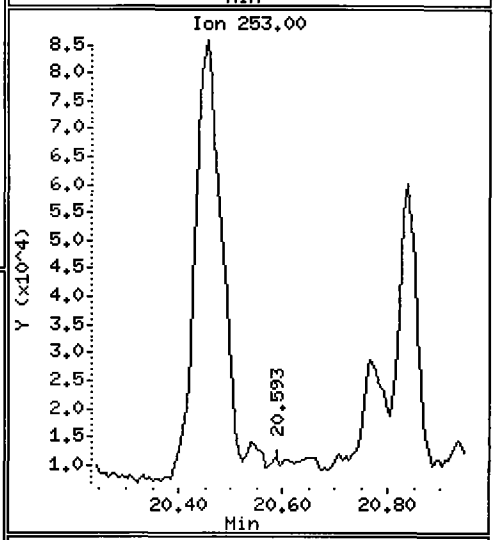
74 Benzo(b)fluoranthene

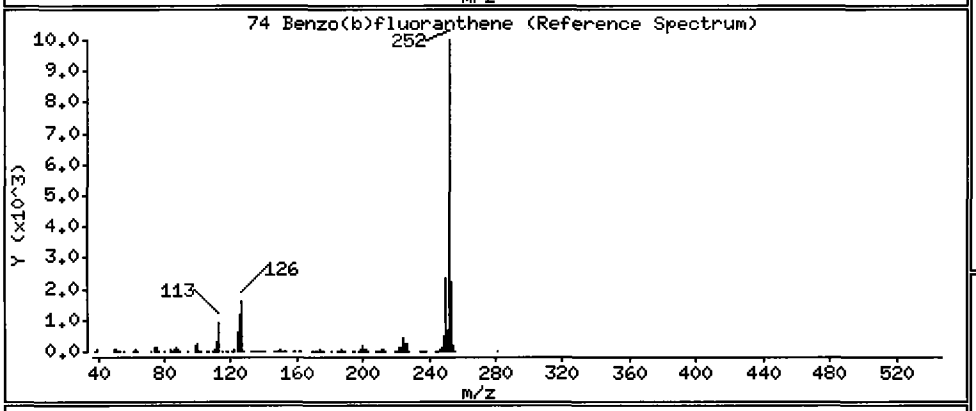
Concentration: 41.23 ug/kg

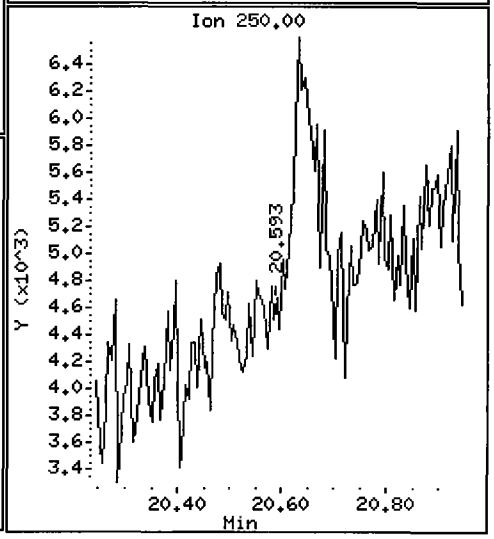


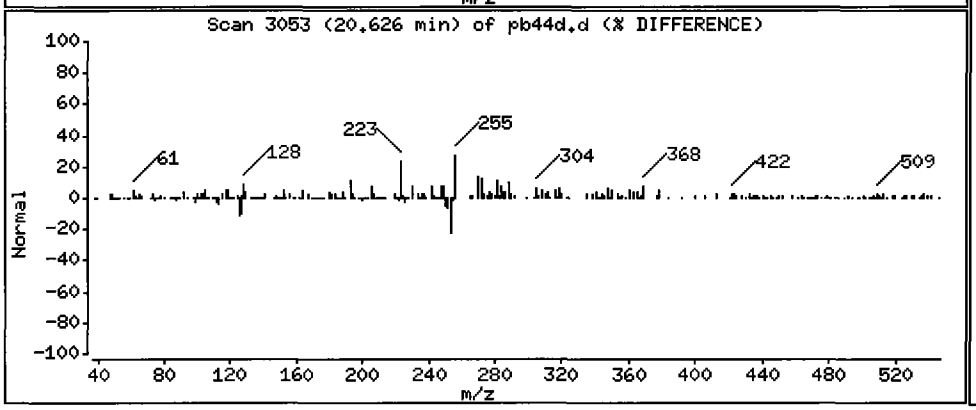












Data File: /chem3/nt4.i/20090616.b/pb44d.d

Date : 16-JUN-2009 16:32

Client ID: 3SED3-A

Instrument: nt4.i

Sample Info: PB44D,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

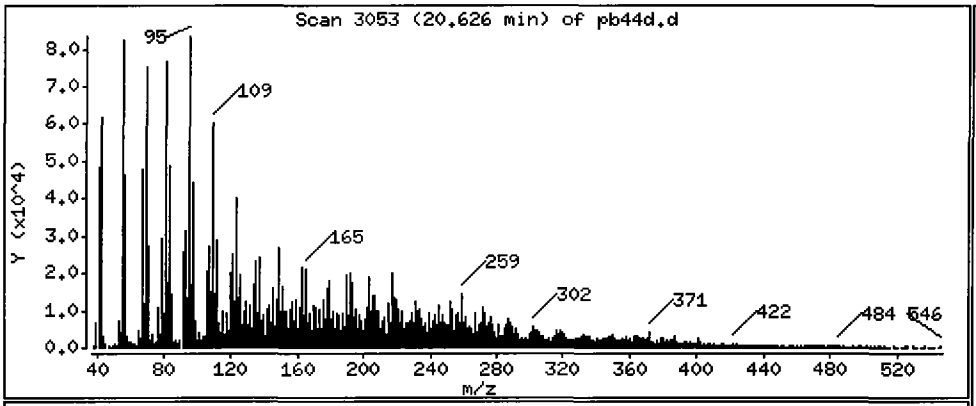
Column phase: ZB-5

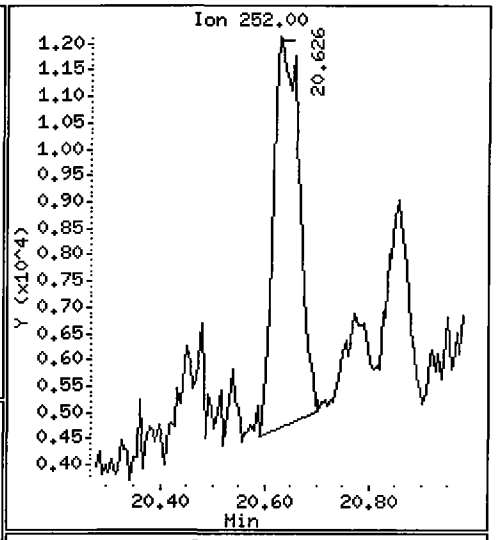
Column diameter: 0.32

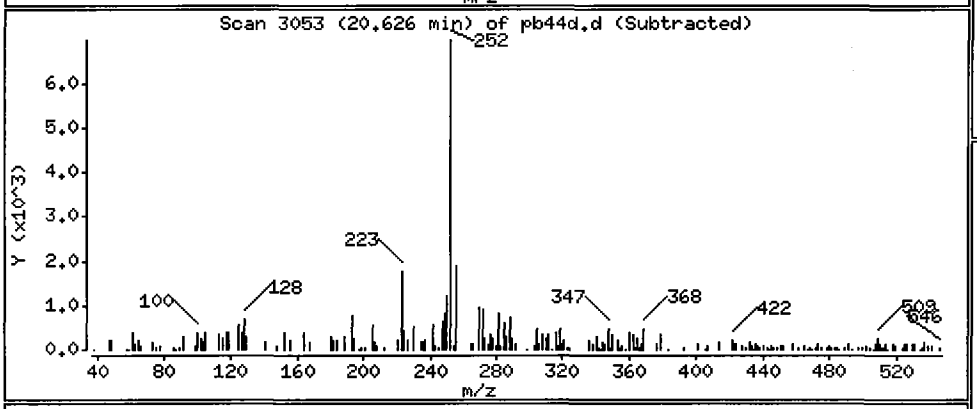
1/2 comp

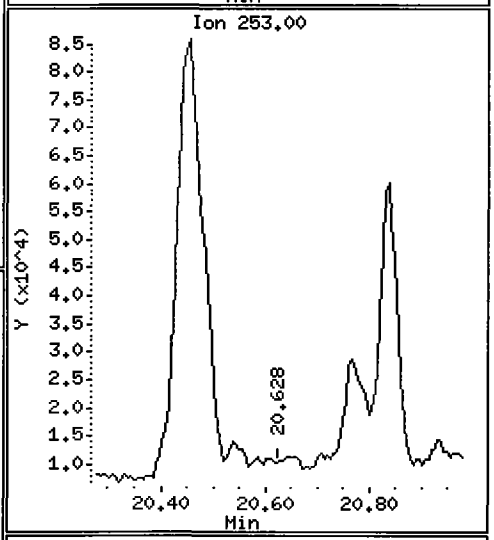
75 Benzo(k)fluoranthene

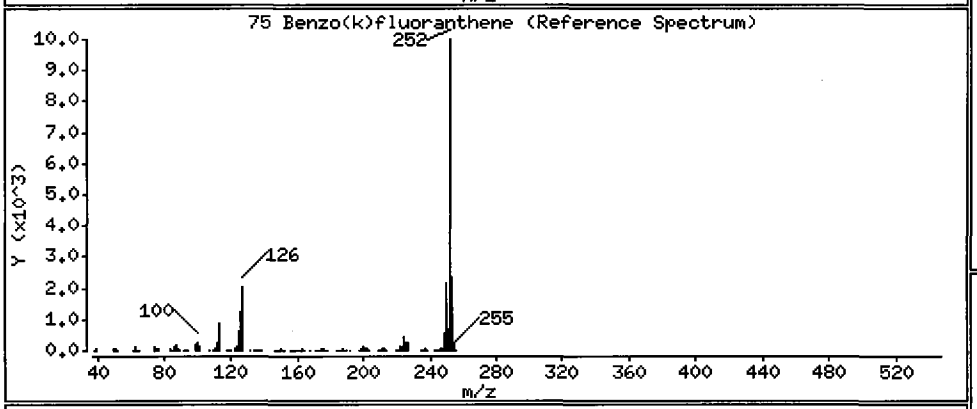
Concentration: 39.84 ug/kg

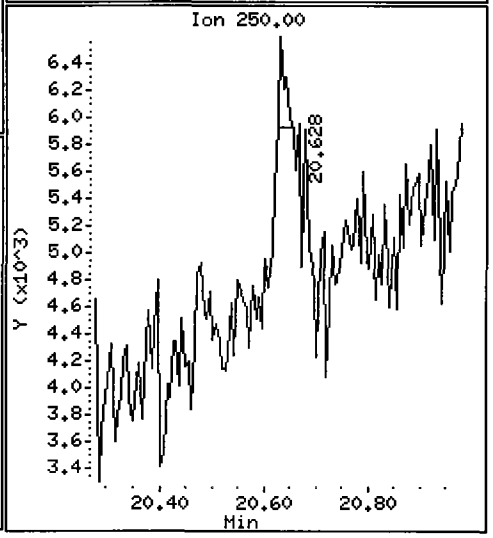


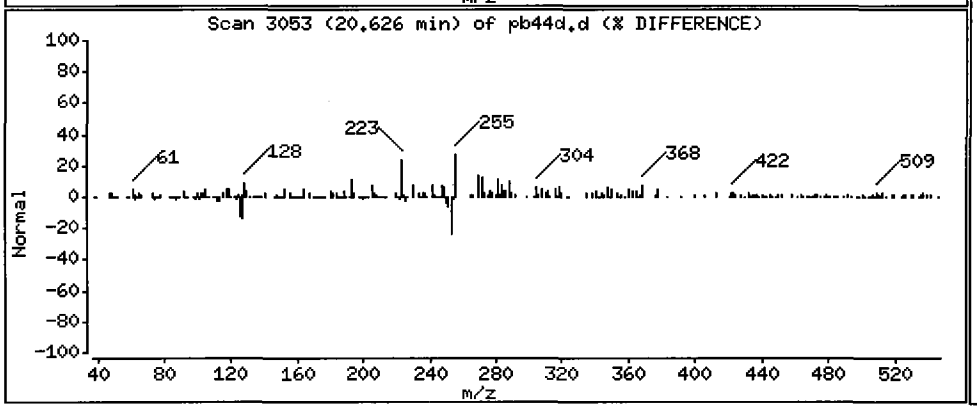












Data File: /chem3/nt4.i/20090616.b/pb44d.d

Date : 16-JUN-2009 16:32

Client ID: 3SED3-A

Instrument: nt4.i

Sample Info: PB44D,3

Volume Injected (uL): 1.0

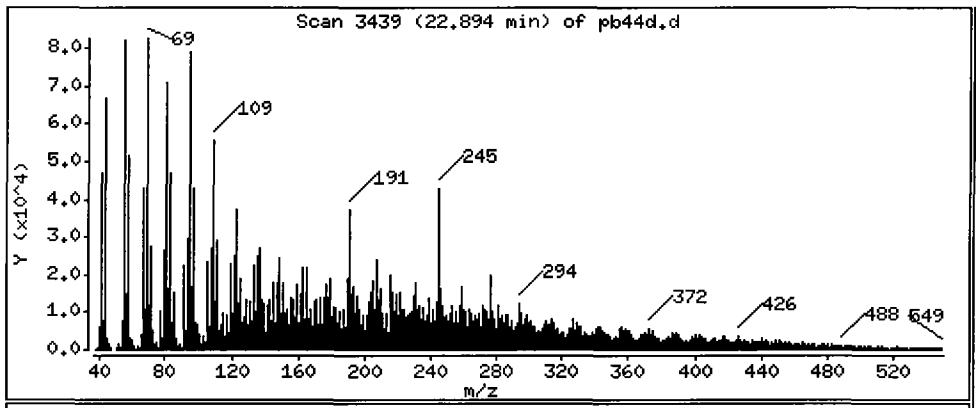
Operator: LJR/VTS

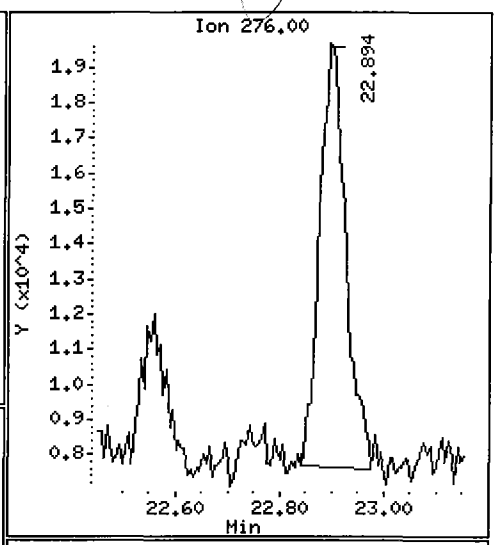
Column phase: ZB-5

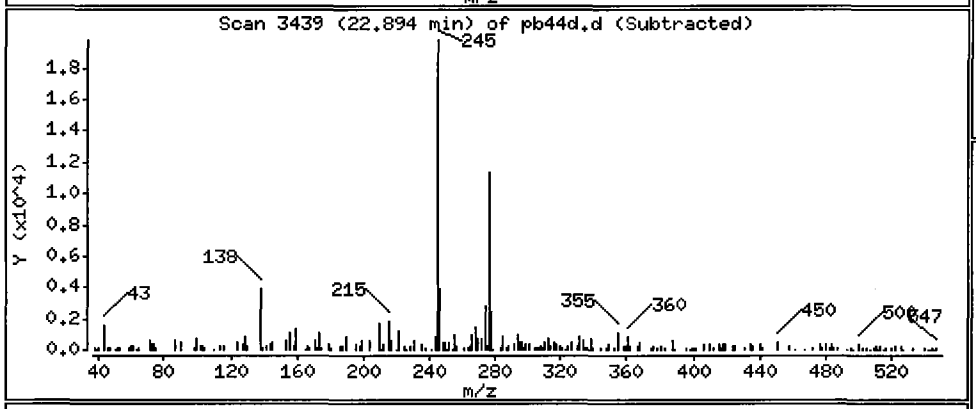
Column diameter: 0.32

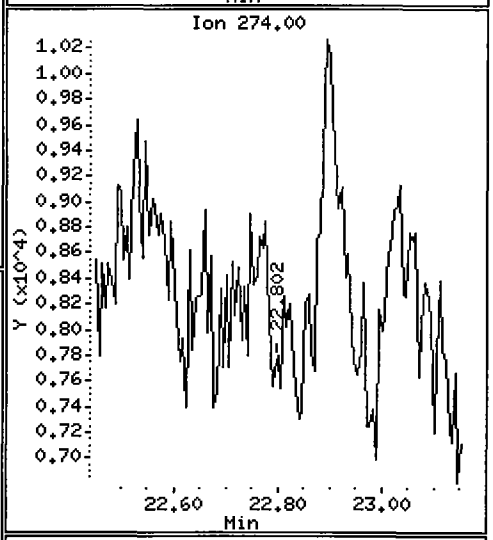
80 Benzo(g,h,i)perylene

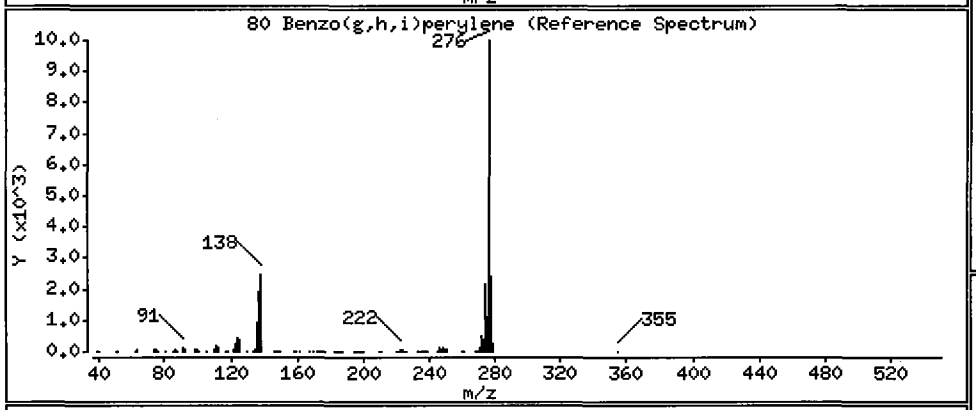
Concentration: 66.32 ug/kg

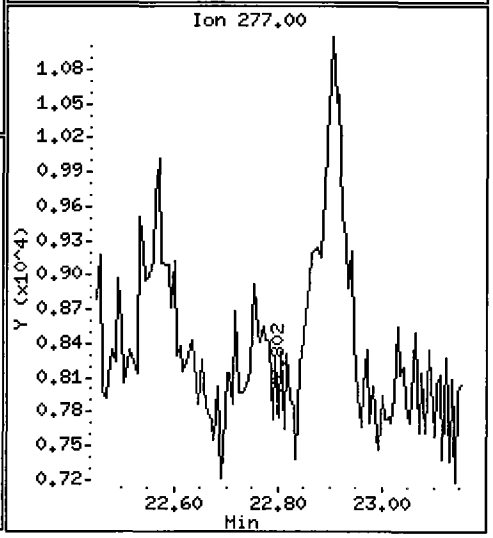


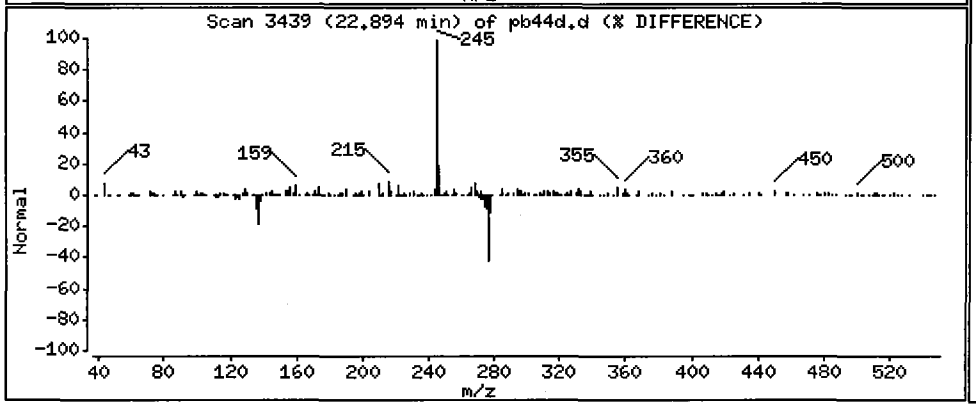












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED3-B
SAMPLE

Lab Sample ID: PB44E
LIMS ID: 09-12791
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 17:06
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 19.0 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 46.5%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	79	< 79 U
541-73-1	1,3-Dichlorobenzene	79	< 79 U
106-46-7	1,4-Dichlorobenzene	79	< 79 U
100-51-6	Benzyl Alcohol	79	< 79 U
95-50-1	1,2-Dichlorobenzene	79	< 79 U
95-48-7	2-Methylphenol	79	< 79 U
106-44-5	4-Methylphenol	79	< 79 U
67-72-1	Hexachloroethane	79	< 79 U
105-67-9	2,4-Dimethylphenol	79	< 79 U
65-85-0	Benzoic Acid	790	< 790 U
120-82-1	1,2,4-Trichlorobenzene	79	< 79 U
91-20-3	Naphthalene	79	< 79 U
87-68-3	Hexachlorobutadiene	79	< 79 U
91-57-6	2-Methylnaphthalene	79	< 79 U
131-11-3	Dimethylphthalate	79	< 79 U
208-96-8	Acenaphthylene	79	< 79 U
83-32-9	Acenaphthene	79	< 79 U
132-64-9	Dibenzofuran	79	< 79 U
84-66-2	Diethylphthalate	79	< 79 U
86-73-7	Fluorene	79	< 79 U
86-30-6	N-Nitrosodiphenylamine	79	< 79 U
118-74-1	Hexachlorobenzene	79	< 79 U
87-86-5	Pentachlorophenol	400	< 400 U
85-01-8	Phenanthrene	79	< 79 U
120-12-7	Anthracene	79	< 79 U
84-74-2	Di-n-Butylphthalate	79	< 79 U
206-44-0	**Fluoranthene**	**79**	**66 J**
129-00-0	**Pyrene**	**79**	**55 J**
85-68-7	Butylbenzylphthalate	79	< 79 U
56-55-3	Benzo(a)anthracene	79	< 79 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**79**	**76 J**
218-01-9	**Chrysene**	**79**	**58 J**
117-84-0	Di-n-Octyl phthalate	79	< 79 U
205-99-2	Benzo(b)fluoranthene	79	< 79 U
207-08-9	Benzo(k)fluoranthene	79	< 79 U
50-32-8	Benzo(a)pyrene	79	< 79 U
193-39-5	Indeno(1,2,3-cd)pyrene	79	< 79 U
53-70-3	Dibenz(a,h)anthracene	79	< 79 U
191-24-2	Benzo(g,h,i)perylene	79	< 79 U
90-12-0	1-Methylnaphthalene	79	< 79 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	55.6%	2-Fluorobiphenyl	62.5%
d14-p-Terphenyl	64.8%	d4-1,2-Dichlorobenzene	43.0%
d5-Phenol	59.5%	2-Fluorophenol	52.2%
2,4,6-Tribromophenol	79.0%	d4-2-Chlorophenol	60.0%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44e.d
Lab Smp Id: PB44E Client Smp ID: 3SED3-B
Inj Date : 16-JUN-2009 17:06
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44E,3
Misc Info : 09-12791
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 8
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJK 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	35.50000	Weight of sample extracted (g)
M	46.50000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.526	5.475	(0.739)	100808	6.51988	514.9
$	2 Phenol-d5	99	7.177	7.091	(0.960)	156574	7.43669	587.3
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.200	7.167	(0.963)	97486	7.49709	592.1
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.476	7.461	(1.000)	201799	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.770	7.761	(1.039)	33966	3.57784	282.6
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.411	8.401	(0.884)	94961	4.62588	365.3
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.515	9.506	(1.000)	723417	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.319	11.309	(0.916)	168040	5.21377	411.8
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.359	12.344	(1.000)	425203	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.652	13.636	(1.105)	38795	9.87608	780.0
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.715	14.694	(1.000)	647936	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.672	16.650	(1.133)	34077	0.83104 LDL	65.63
65	Pyrene	202	17.018	16.997	(0.896)	35902	0.69199 J	54.65
$ 66	Terphenyl-d14	244	17.359	17.338	(0.913)	167089	5.39637	426.2
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	19.004	18.977	(1.000)	602611	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.033	19.018	(1.002)	30009	0.73772 LDL	58.26
72	bis(2-Ethylhexyl)phthalate	149	19.274	19.247	(0.954)	30705	0.96447 J	76.17
* 134	Di-n-octylphthalate-d4	153	20.209	20.181	(1.000)	984369	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	20.632	20.593	(0.975)	39801	0.91956 J T	~~72.63 (M)~~ 0.452
75	Benzo(k)fluoranthene	252	20.632	20.628	(0.975)	39800	0.88858	~~70.18 (M)~~ 0.452
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	21.160	21.110	(1.000)	619429	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44e.d
Lab Smp Id: PB44E
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12791

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED3-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	201799	11.72
27 Naphthalene-d8	633172	316586	1266344	723417	14.25
42 Acenaphthene-d10	336916	168458	673832	425203	26.20
59 Phenanthrene-d10	514258	257129	1028516	647936	25.99
69 Chrysene-d12	376875	188438	753750	602611	59.90
134 Di-n-octylphthala	640574	320287	1281148	984369	53.67
77 Perylene-d12	383864	191932	767728	619429	61.37

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.48	0.21
27 Naphthalene-d8	9.51	9.01	10.01	9.52	0.10
42 Acenaphthene-d10	12.34	11.84	12.84	12.36	0.12
59 Phenanthrene-d10	14.69	14.19	15.19	14.71	0.14
69 Chrysene-d12	18.98	18.48	19.48	19.00	0.14
134 Di-n-octylphthala	20.18	19.68	20.68	20.21	0.13
77 Perylene-d12	21.11	20.61	21.61	21.16	0.24

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44E
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12791

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED3-B
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

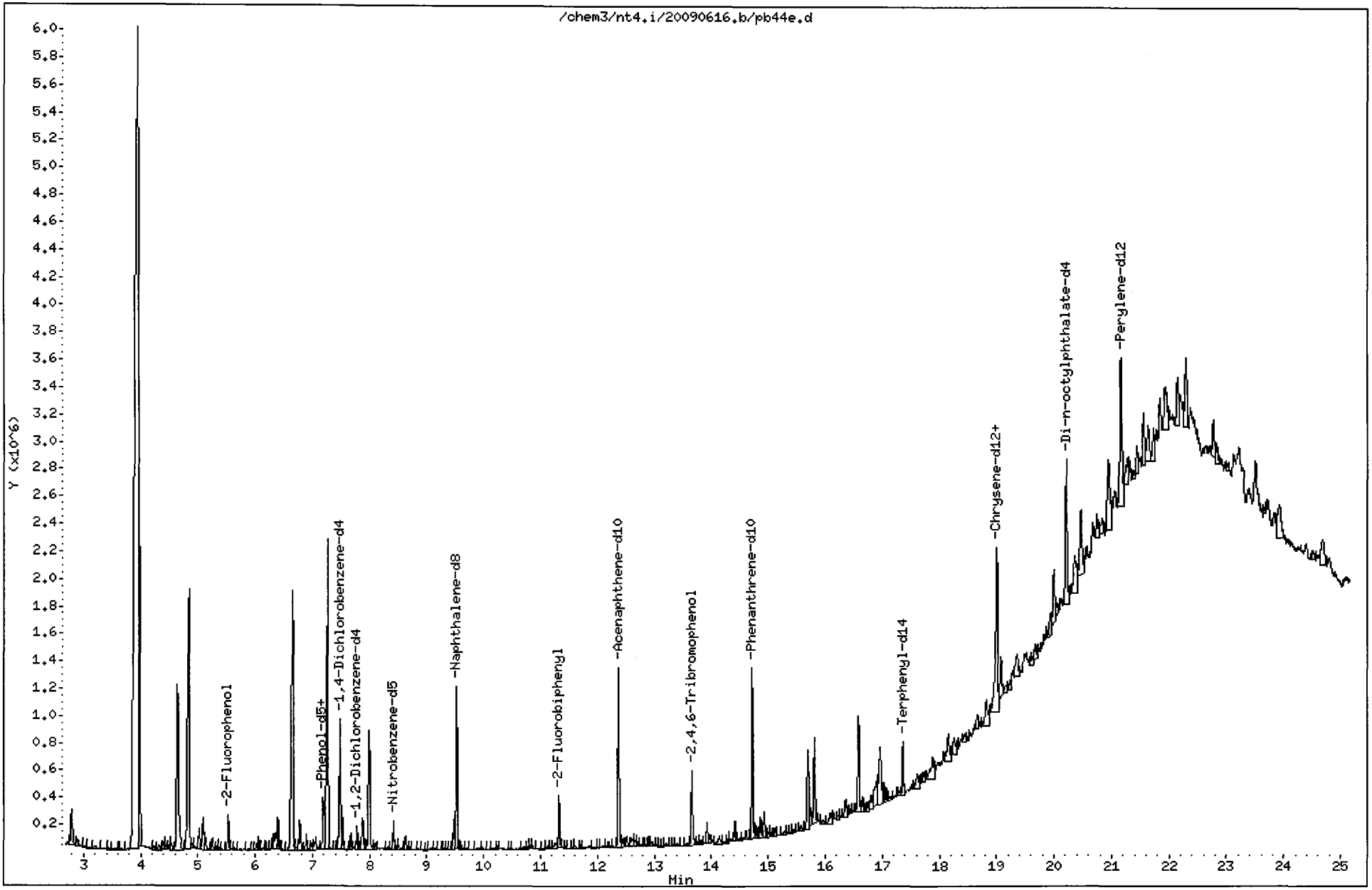
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	987.2	514.9	52.16	21-100
$ 2 Phenol-d5	987.2	587.3	59.49	10-100
$ 5 2-Chlorophenol-d4	987.2	592.1	59.98	30-100
$ 10 1,2-Dichlorobenzen	658.2	282.6	42.93	24-100
$ 18 Nitrobenzene-d5	658.2	365.3	55.51	26-100
$ 36 2-Fluorobiphenyl	658.2	411.8	62.57	32-100
$ 55 2,4,6-Tribromophen	987.2	780.0	79.01	33-118
$ 66 Terphenyl-d14	658.2	426.2	64.76	21-97

Data File: /chem3/nt4.i/20090616.b/pb44e.d
Date : 16-JUN-2009 17:06
Client ID: 3SED3-B
Sample Info: PB44E,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32

PB1H-06238



Data File: /chem3/nt4.i/20090616.b/pb44e.d

Date : 16-JUN-2009 17:06

Client ID: 3SED3-B

Instrument: nt4.i

Sample Info: PB44E,3

Volume Injected (uL): 1.0

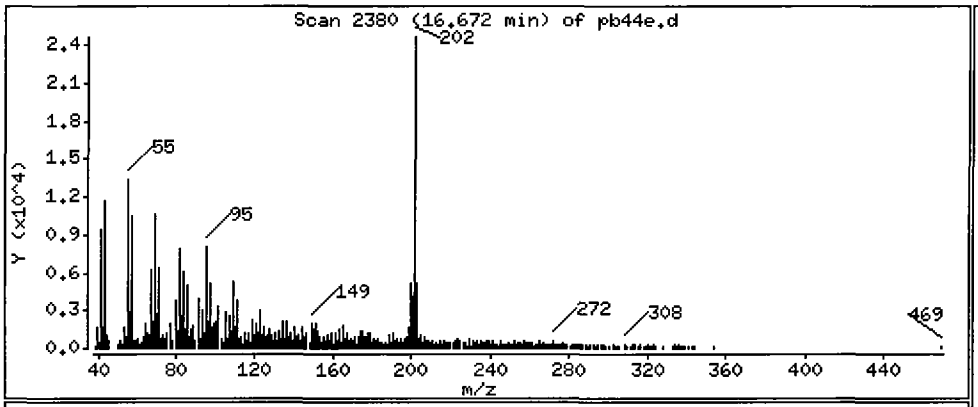
Operator: LJR/VTS

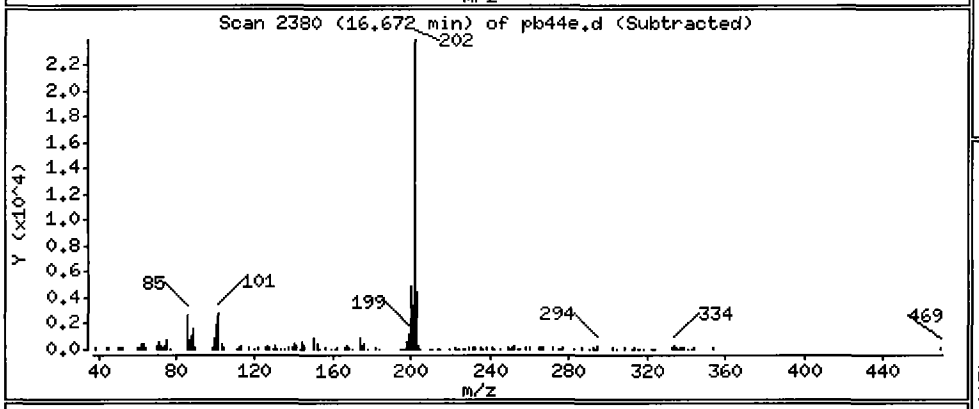
Column phase: ZB-5

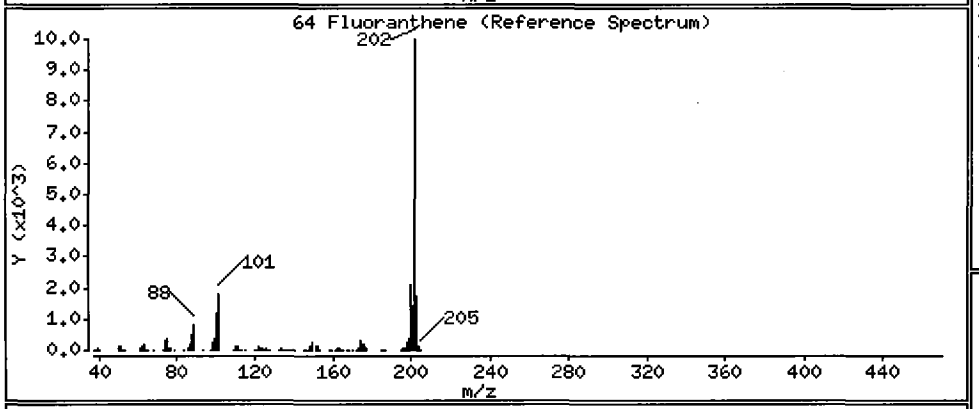
Column diameter: 0.32

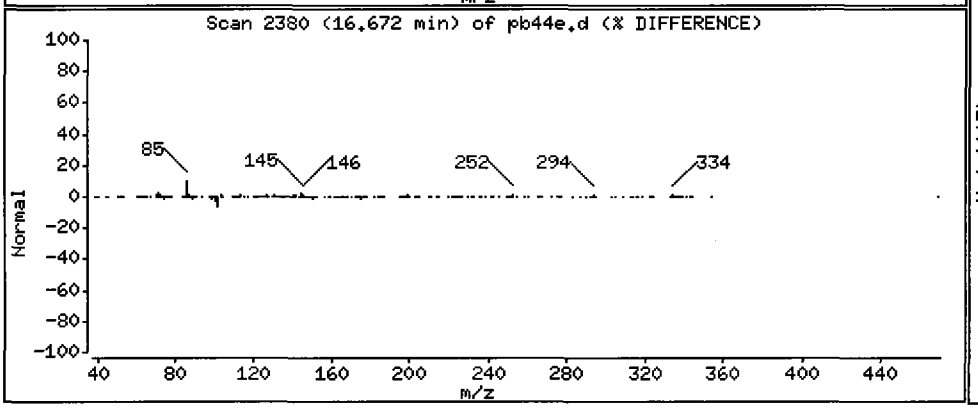
64 Fluoranthene

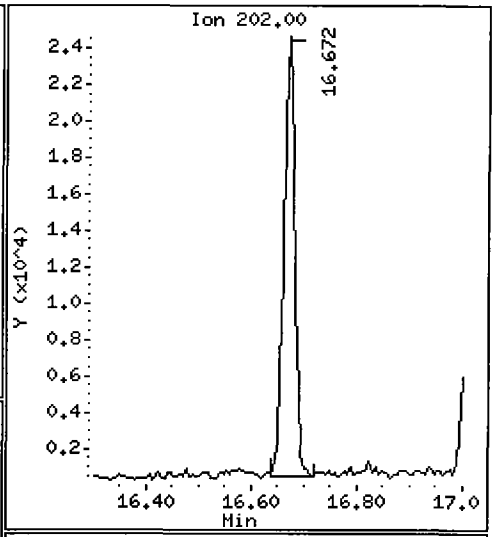
Concentration: 65.63 ug/kg

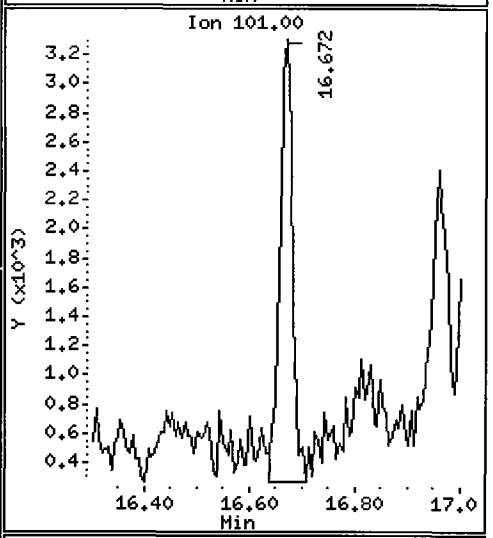


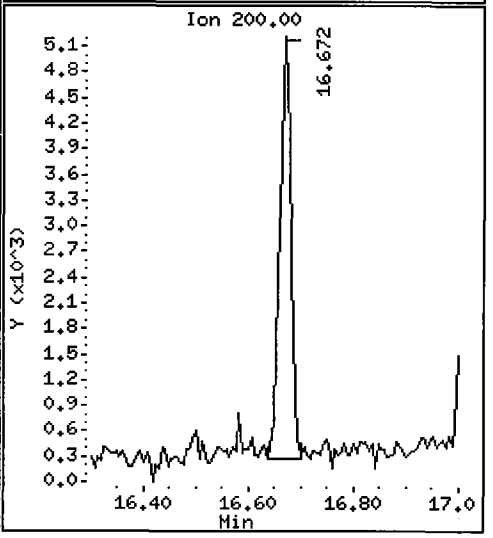












Data File: /chem3/nt4.i/20090616.b/pb44e.d

Date : 16-JUN-2009 17:06

Client ID: 3SED3-B

Instrument: nt4.i

Sample Info: PB44E,3

Volume Injected (uL): 1.0

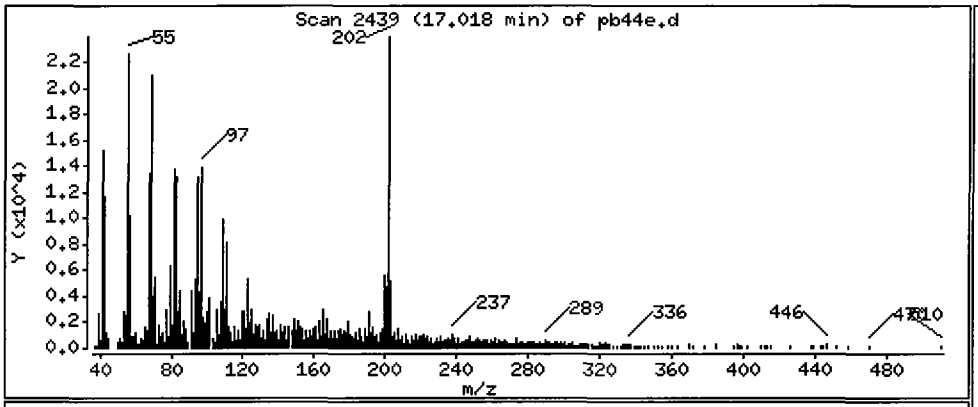
Operator: LJR/VTS

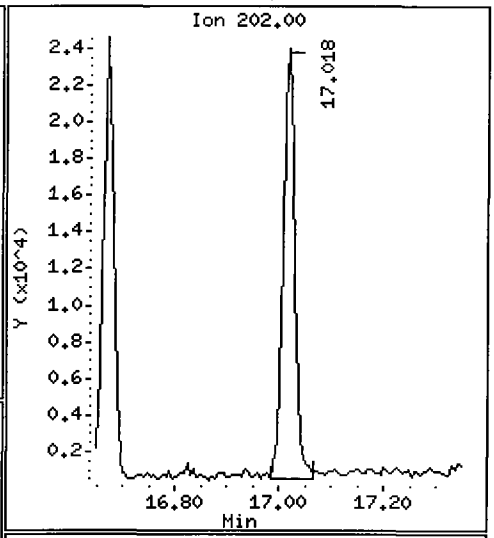
Column phase: ZB-5

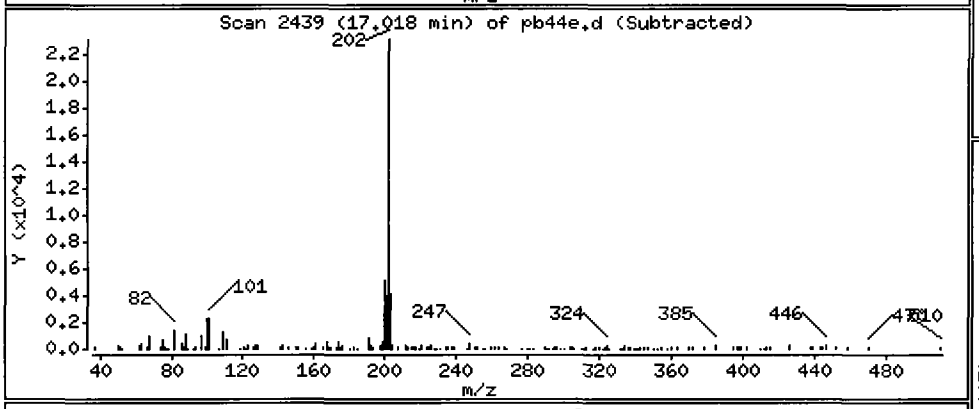
Column diameter: 0.32

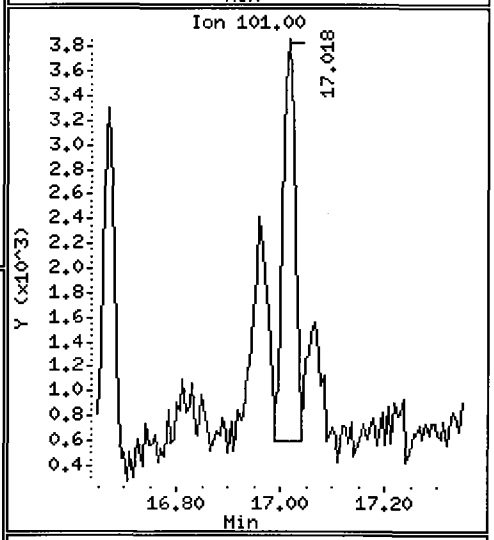
65 Pyrene

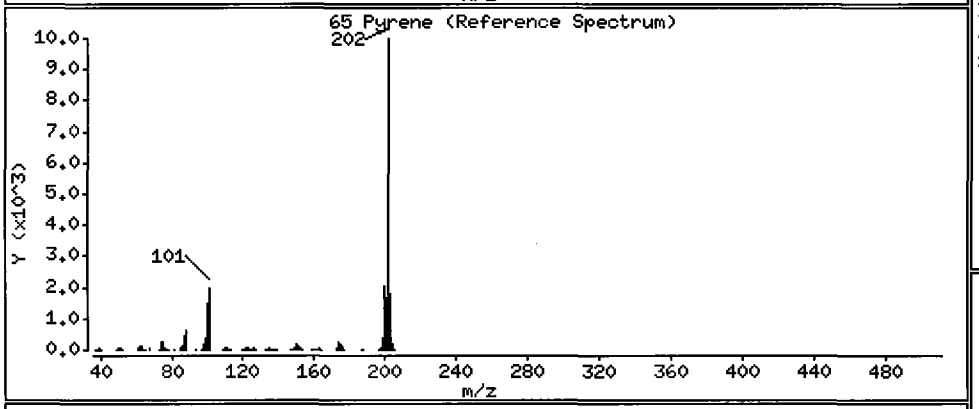
Concentration: 54.65 ug/kg

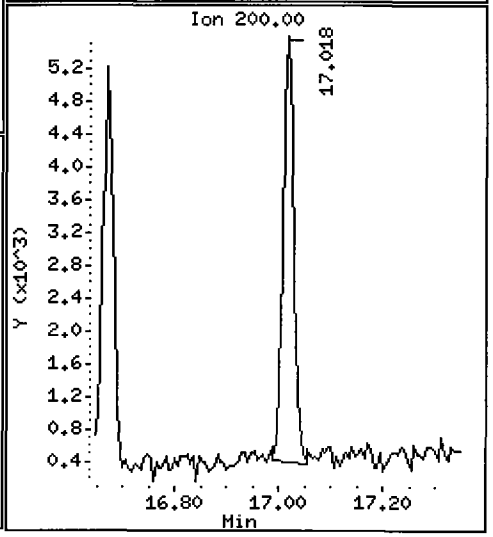


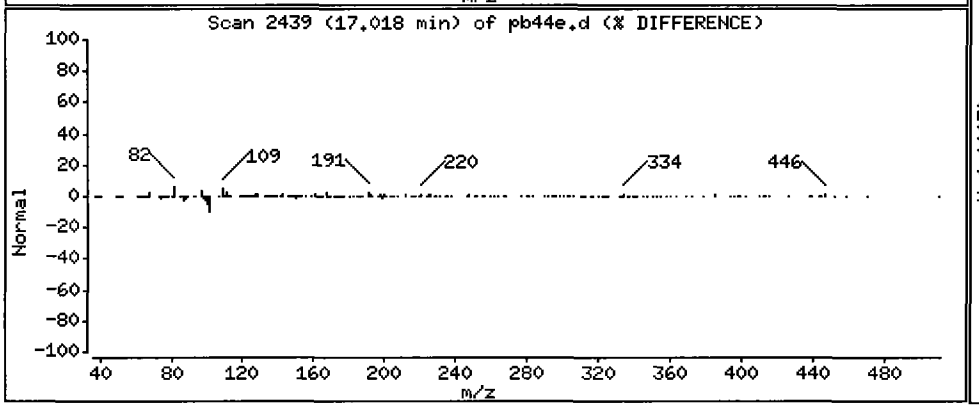












Data File: /chem3/nt4.i/20090616.b/pb44e.d

Date : 16-JUN-2009 17:06

Client ID: 3SED3-B

Instrument: nt4.i

Sample Info: PB44E,3

Volume Injected (uL): 1.0

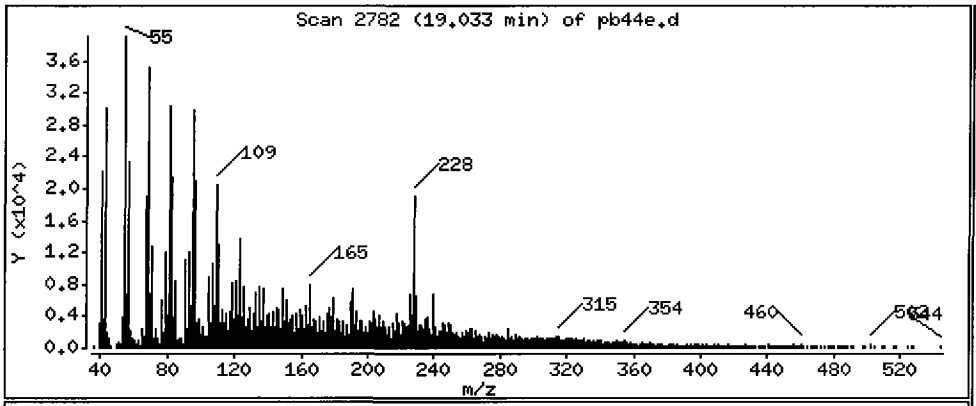
Operator: LJR/VTS

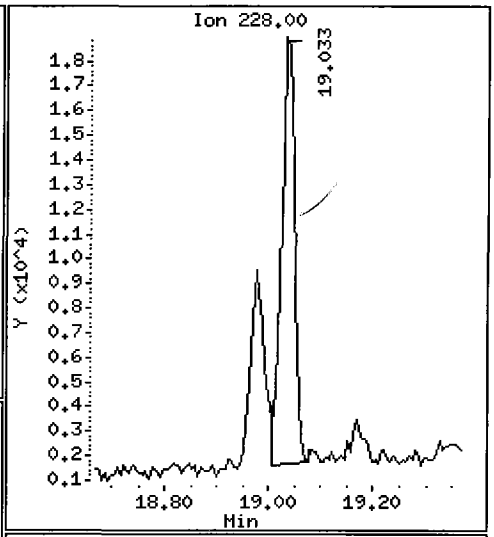
Column phase: ZB-5

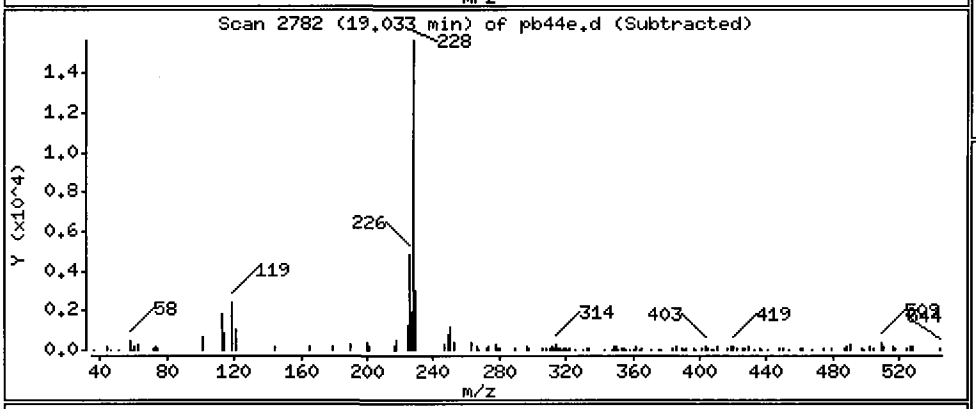
Column diameter: 0.32

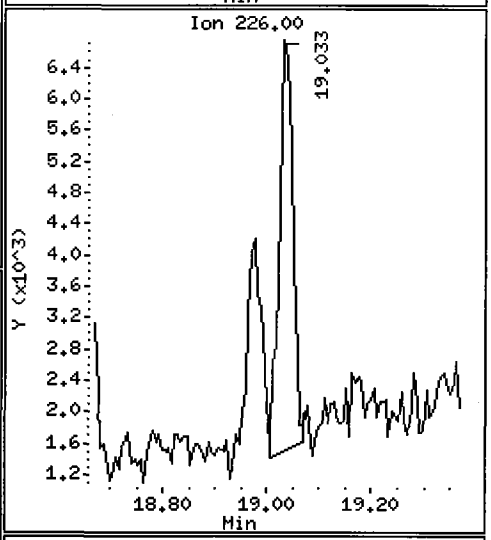
71 Chrysene

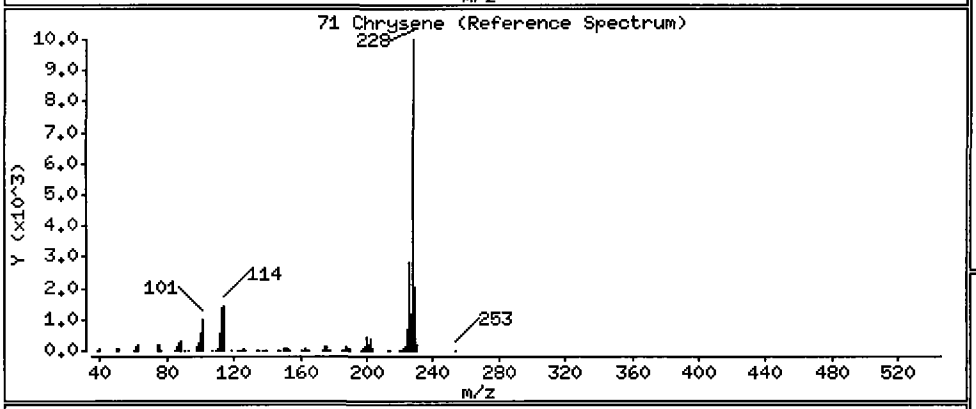
Concentration: 58.26 ug/kg

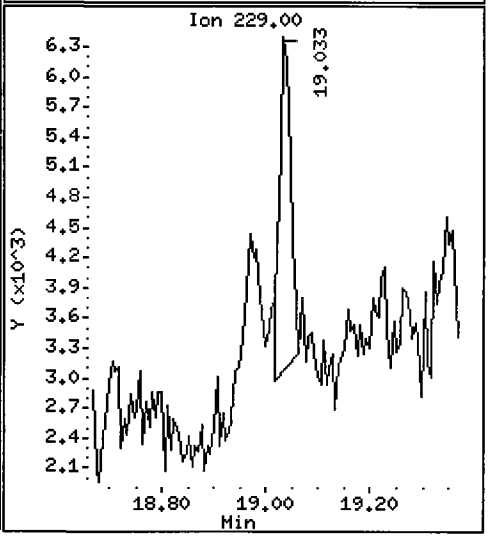


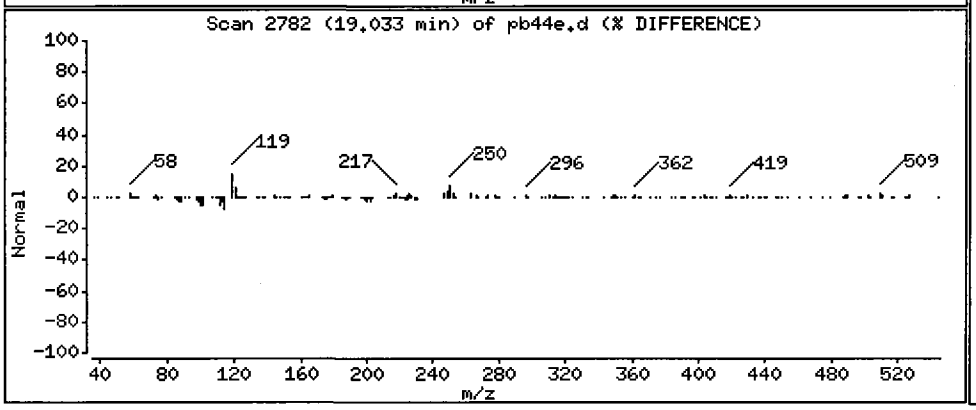












Data File: /chem3/nt4.i/20090616.b/pb44e.d

Date : 16-JUN-2009 17:06

Client ID: 3SED3-B

Instrument: nt4.i

Sample Info: PB44E,3

Volume Injected (uL): 1.0

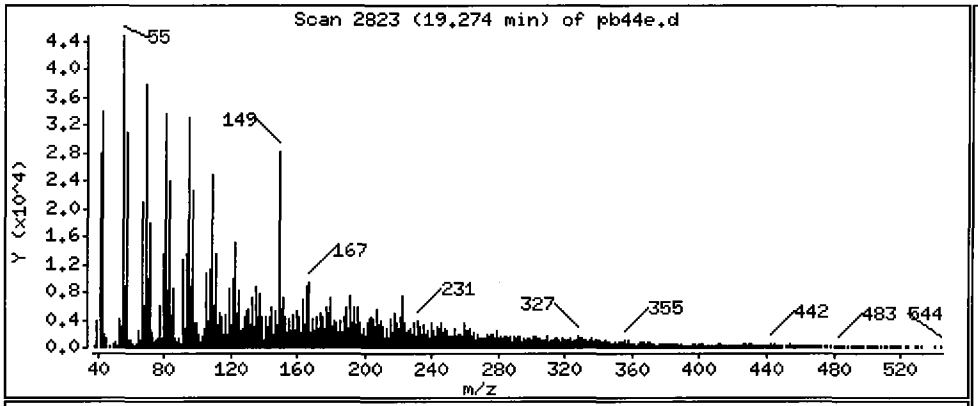
Operator: LJR/VTS

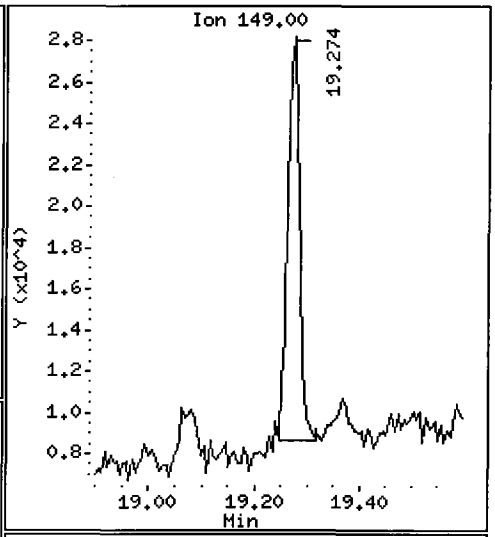
Column phase: ZB-5

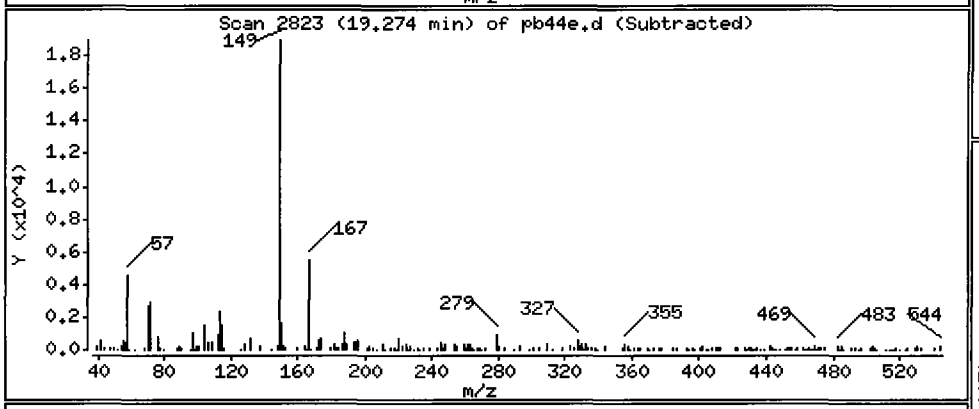
Column diameter: 0.32

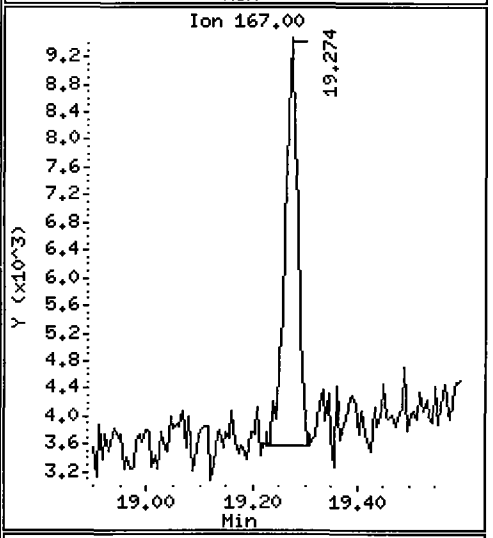
72 bis(2-Ethylhexyl)phthalate

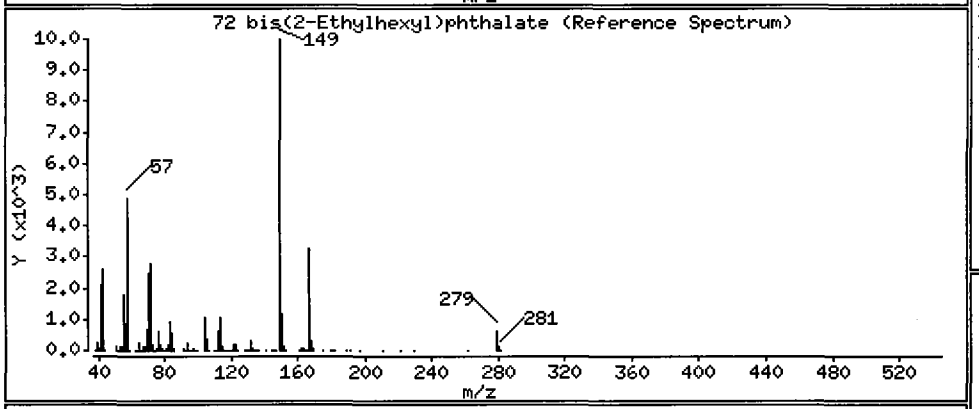
Concentration: 76.17 ug/kg

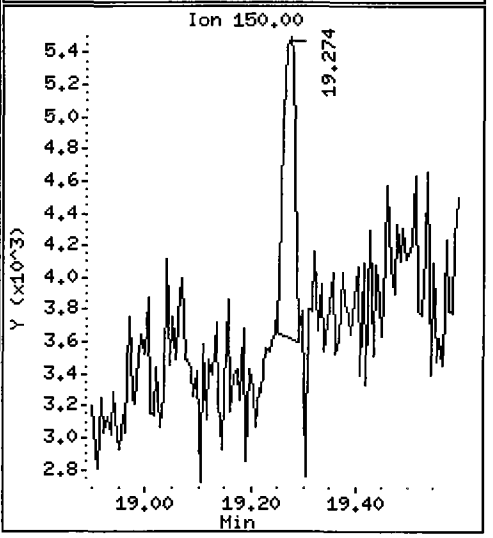


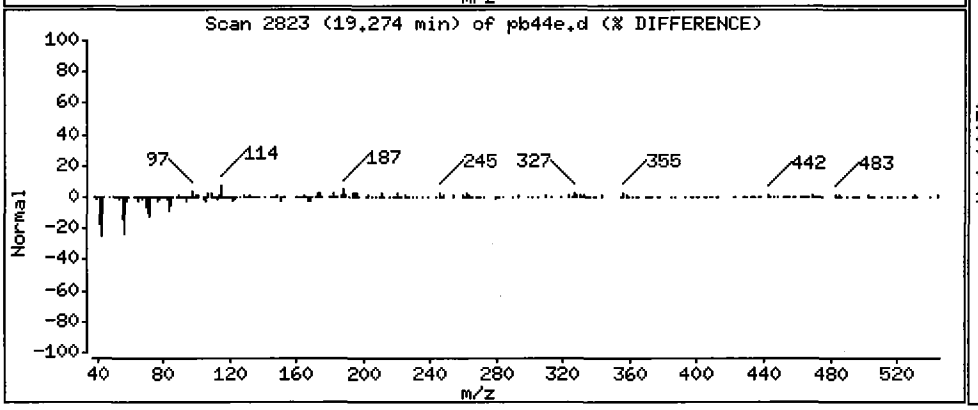












Data File: /chem3/nt4.i/20090616.b/pb44e.d

Date : 16-JUN-2009 17:06

Client ID: 3SED3-B

Instrument: nt4.i

Sample Info: PB44E,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

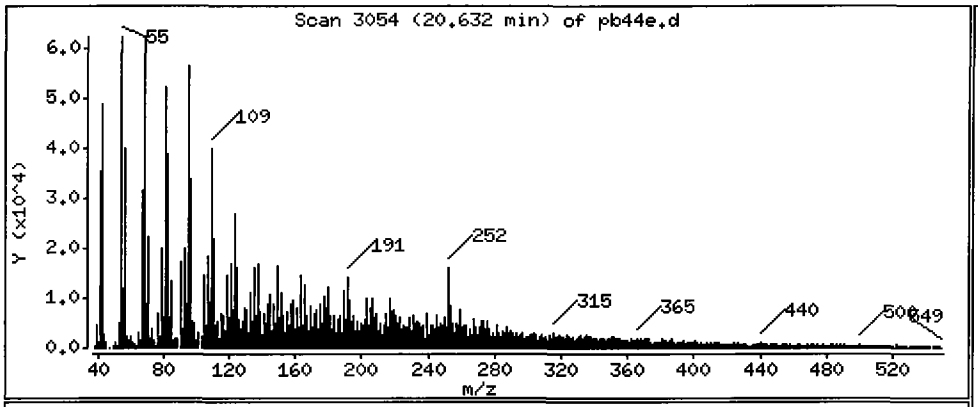
Column phase: ZB-5

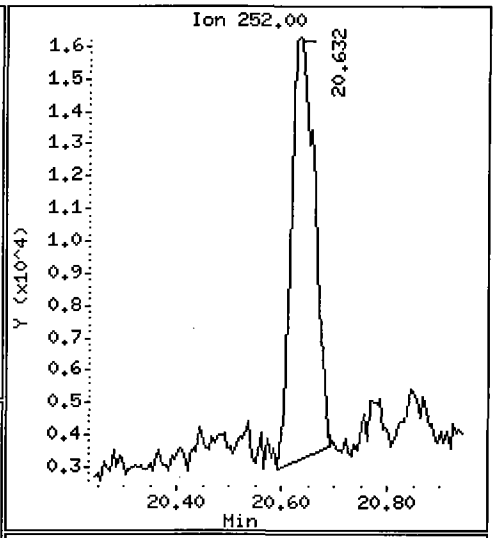
Column diameter: 0.32

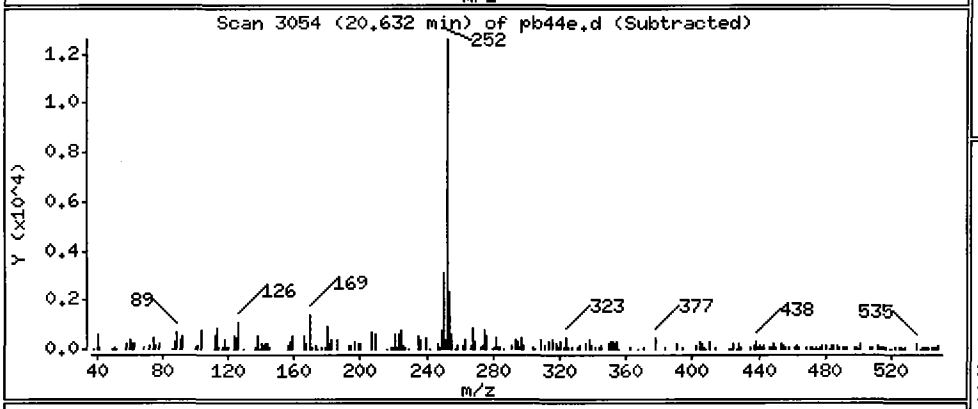
1/2 cmpl

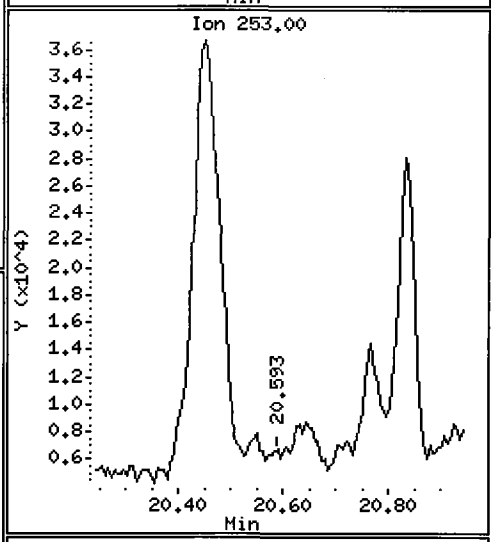
74 Benzo(b)fluoranthene

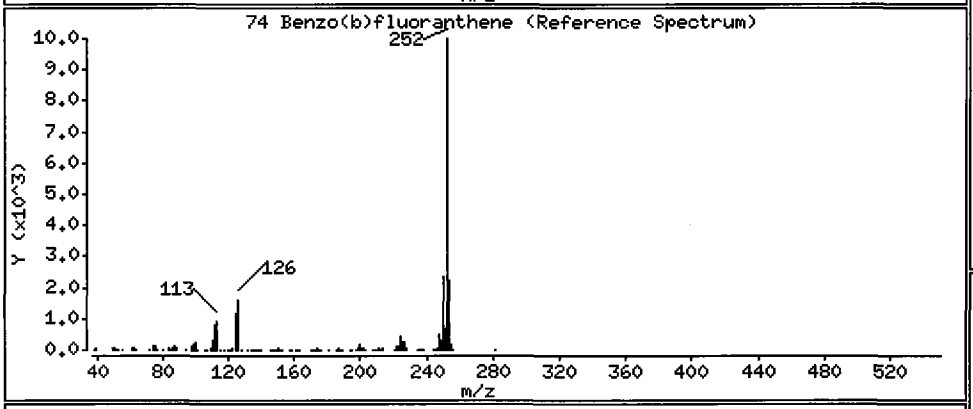
Concentration: 72.63 ug/kg

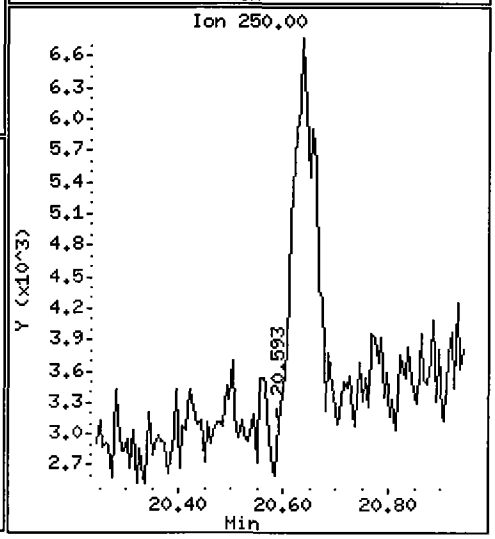


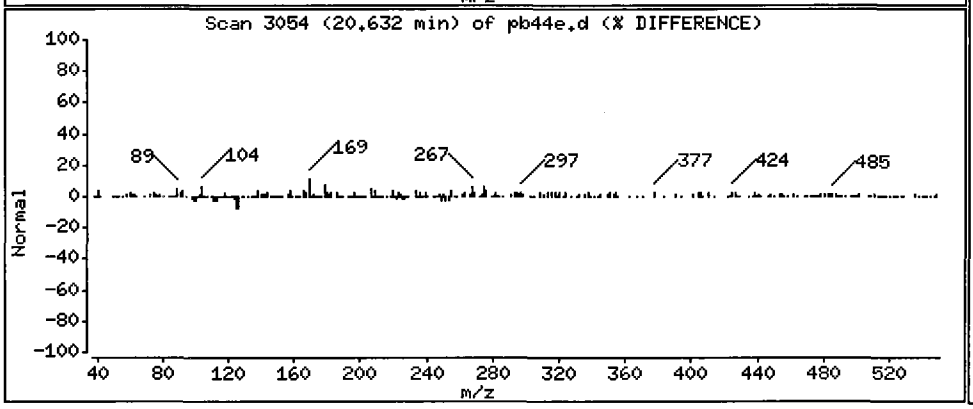












Data File: /chem3/nt4.i/20090616.b/pb44e.d

Date : 16-JUN-2009 17:06

Client ID: 3SED3-B

Instrument: nt4.i

Sample Info: PB44E,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

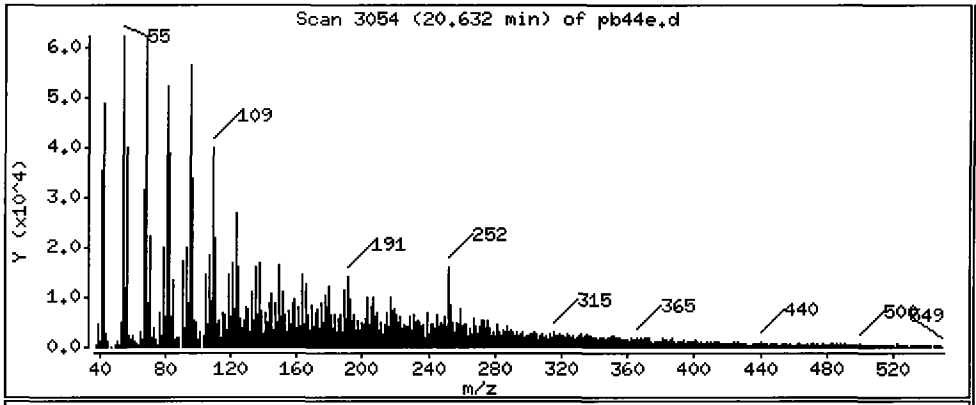
Column phase: ZB-5

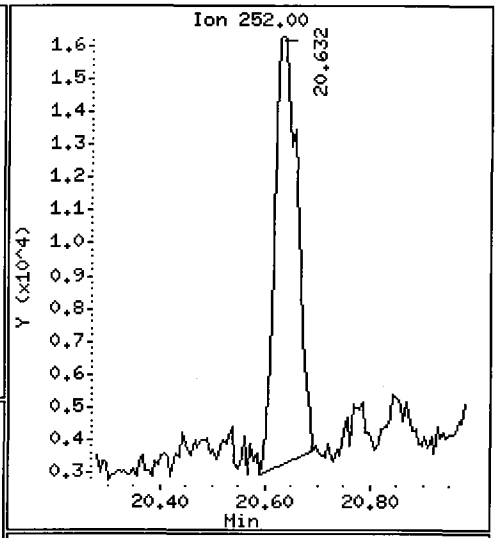
Column diameter: 0.32

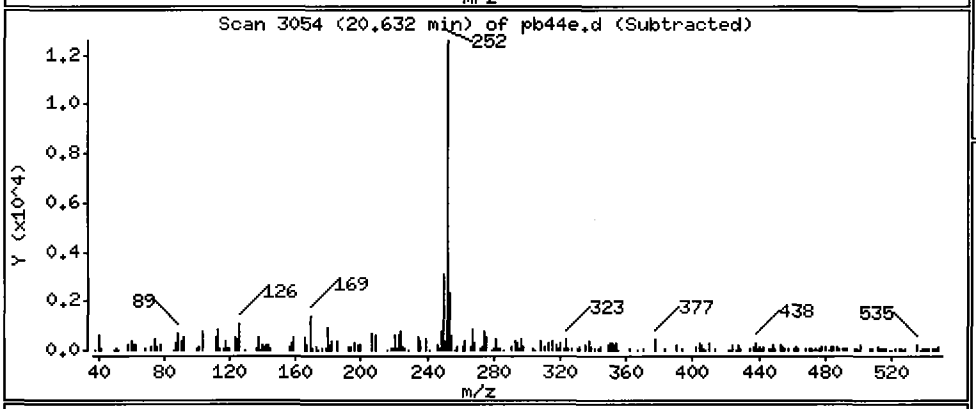
1/2 CMPL

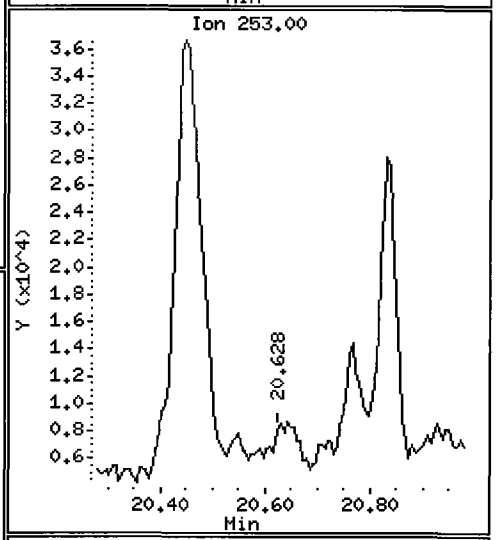
75 Benzo(k)fluoranthene

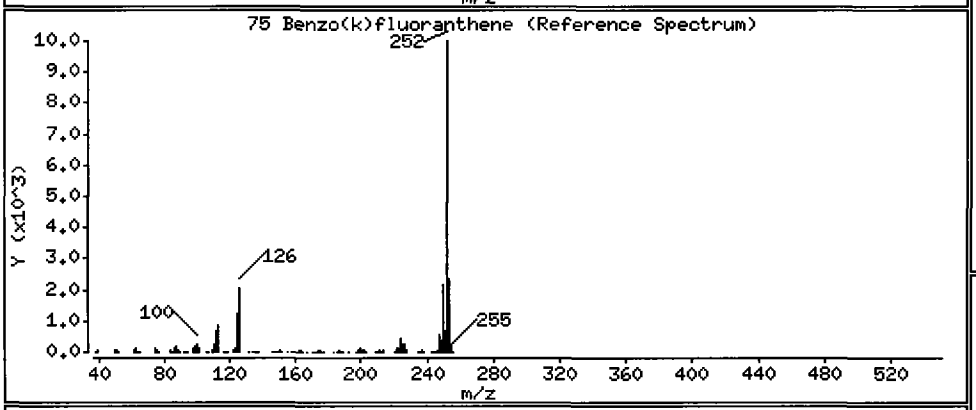
Concentration: 70.18 ug/kg

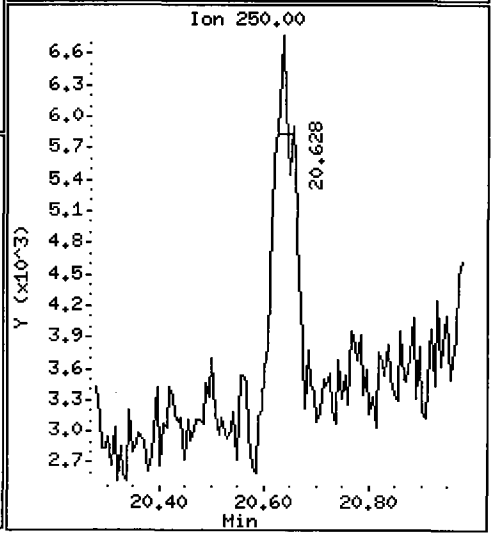


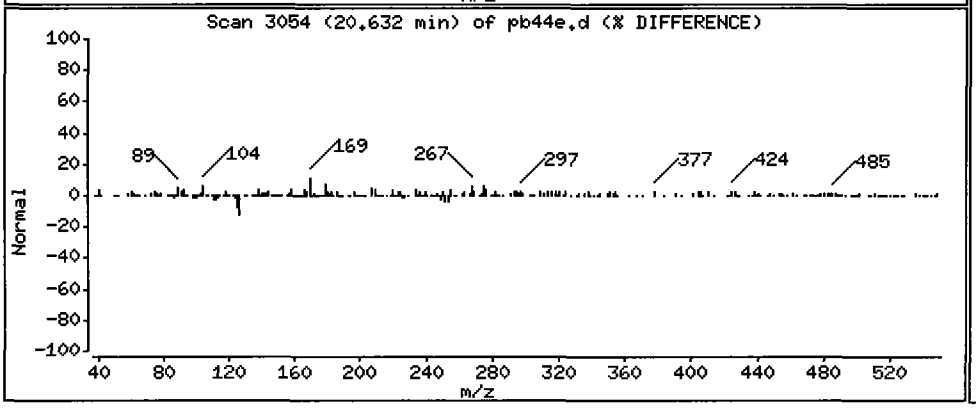












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED3-C
SAMPLE

Lab Sample ID: PB44F
LIMS ID: 09-12792
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 17:41
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 20.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	74	< 74 U
541-73-1	1,3-Dichlorobenzene	74	< 74 U
106-46-7	1,4-Dichlorobenzene	74	< 74 U
100-51-6	Benzyl Alcohol	74	< 74 U
95-50-1	1,2-Dichlorobenzene	74	< 74 U
95-48-7	2-Methylphenol	74	< 74 U
106-44-5	4-Methylphenol	74	< 74 U
67-72-1	Hexachloroethane	74	< 74 U
105-67-9	2,4-Dimethylphenol	74	< 74 U
65-85-0	Benzoic Acid	740	< 740 U
120-82-1	1,2,4-Trichlorobenzene	74	< 74 U
91-20-3	Naphthalene	74	< 74 U
87-68-3	Hexachlorobutadiene	74	< 74 U
91-57-6	2-Methylnaphthalene	74	< 74 U
131-11-3	Dimethylphthalate	74	< 74 U
208-96-8	Acenaphthylene	74	< 74 U
83-32-9	Acenaphthene	74	< 74 U
132-64-9	Dibenzofuran	74	< 74 U
84-66-2	Diethylphthalate	74	< 74 U
86-73-7	Fluorene	74	< 74 U
86-30-6	N-Nitrosodiphenylamine	74	< 74 U
118-74-1	Hexachlorobenzene	74	< 74 U
87-86-5	Pentachlorophenol	370	< 370 U
85-01-8	Phenanthrene	74	< 74 U
120-12-7	Anthracene	74	< 74 U
84-74-2	Di-n-Butylphthalate	74	< 74 U
206-44-0	**Fluoranthene**	**74**	**48 J**
129-00-0	**Pyrene**	**74**	**41 J**
85-68-7	Butylbenzylphthalate	74	< 74 U
56-55-3	Benzo(a)anthracene	74	< 74 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**74**	**86**
218-01-9	**Chrysene**	**74**	**47 J**
117-84-0	Di-n-Octyl phthalate	74	< 74 U
205-99-2	Benzo(b)fluoranthene	74	< 74 U
207-08-9	Benzo(k)fluoranthene	74	< 74 U
50-32-8	Benzo(a)pyrene	74	< 74 U
193-39-5	Indeno(1,2,3-cd)pyrene	74	< 74 U
53-70-3	Dibenz(a,h)anthracene	74	< 74 U
191-24-2	Benzo(g,h,i)perylene	74	< 74 U
90-12-0	1-Methylnaphthalene	74	< 74 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.9%	2-Fluorobiphenyl	65.5%
d14-p-Terphenyl	64.6%	d4-1,2-Dichlorobenzene	48.0%
d5-Phenol	63.2%	2-Fluorophenol	55.4%
2,4,6-Tribromophenol	81.6%	d4-2-Chlorophenol	63.0%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44f.d
Lab Smp Id: PB44F Client Smp ID: 3SED3-C
Inj Date : 16-JUN-2009 17:41
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44F,3
Misc Info : 09-12792
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 9
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LTK 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	31.90000	Weight of sample extracted (g)
M	36.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.520	5.475	(0.738)	105725	6.92092	513.3
$	2 Phenol-d5	99	7.171	7.091	(0.959)	164288	7.89783	585.8
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.200	7.167	(0.963)	101260	7.88189	584.6
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.476	7.461	(1.000)	199378	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.770	7.761	(1.039)	37549	4.00329	296.9
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	8.411	8.401	(0.884)	96092	4.74445	351.9
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	Compound Not Detected.					
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.515	9.506	(1.000)	713739	20.0000	
28	Naphthalene	128	Compound Not Detected.					
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	Compound Not Detected.					
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.319	11.309	(0.916)	170806	5.46350	405.2
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	12.359	12.344	(1.000)	412447	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	Compound Not Detected.					
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.652	13.636	(1.105)	38844	10.1944	756.1
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.715	14.694	(1.000)	665211	20.0000	
60	Phenanthrene	178	Compound Not Detected.					
61	Anthracene	178	Compound Not Detected.					
62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	16.672	16.650	(1.133)	27491	0.65301	48.43
	65 Pyrene	202	17.018	16.997	(0.896)	27839	0.54831	40.67
$	66 Terphenyl-d14	244	17.359	17.338	(0.913)	163008	5.37964	399.0
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	19.004	18.977	(1.000)	589721	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	19.033	19.018	(1.002)	25166	0.63218	46.89
	72 bis(2-Ethylhexyl)phthalate	149	19.274	19.247	(0.953)	36524	1.15897	85.96
*	134 Di-n-octylphthalate-d4	153	20.214	20.181	(1.000)	974410	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	20.637	20.593	(0.975)	39363	0.90998	67.49
	75 Benzo(k)fluoranthene	252	20.637	20.628	(0.975)	39363	0.87935	65.22
	76 Benzo(a)pyrene	252	Compound Not Detected.					
*	77 Perylene-d12	264	21.166	21.110	(1.000)	619061	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44f.d
Lab Smp Id: PB44F
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12792

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED3-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	199378	10.38
27 Naphthalene-d8	633172	316586	1266344	713739	12.72
42 Acenaphthene-d10	336916	168458	673832	412447	22.42
59 Phenanthrene-d10	514258	257129	1028516	665211	29.35
69 Chrysene-d12	376875	188438	753750	589721	56.48
134 Di-n-octylphthala	640574	320287	1281148	974410	52.12
77 Perylene-d12	383864	191932	767728	619061	61.27

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.48	0.21
27 Naphthalene-d8	9.51	9.01	10.01	9.52	0.10
42 Acenaphthene-d10	12.34	11.84	12.84	12.36	0.13
59 Phenanthrene-d10	14.69	14.19	15.19	14.72	0.15
69 Chrysene-d12	18.98	18.48	19.48	19.00	0.14
134 Di-n-octylphthala	20.18	19.68	20.68	20.21	0.16
77 Perylene-d12	21.11	20.61	21.61	21.17	0.27

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44F
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12792

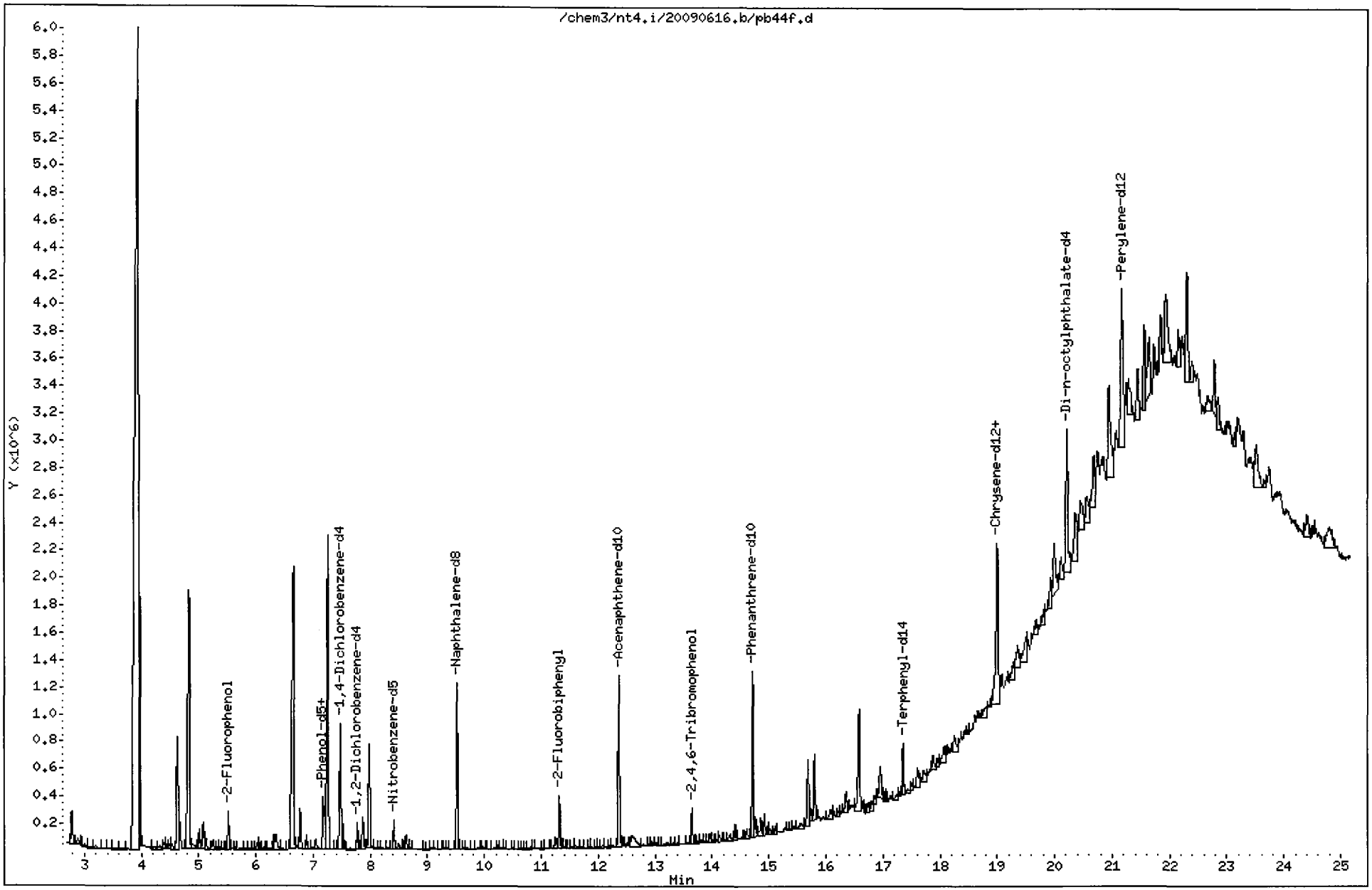
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED3-C
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	927.1	513.3	55.37	21-100
$ 2	Phenol-d5	927.1	585.8	63.18	10-100
$ 5	2-Chlorophenol-d4	927.1	584.6	63.06	30-100
$ 10	1,2-Dichlorobenzen	618.1	296.9	48.04	24-100
$ 18	Nitrobenzene-d5	618.1	351.9	56.93	26-100
$ 36	2-Fluorobiphenyl	618.1	405.2	65.56	32-100
$ 55	2,4,6-Tribromophen	927.1	756.1	81.56	33-118
$ 66	Terphenyl-d14	618.1	399.0	64.56	21-97

Data File: /chem3/nt4.i/20090616.b/pb44f.d
Date : 16-JUN-2009 17:41
Client ID: 3SED3-C
Sample Info: PB44F,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: LJR/VTS
Column diameter: 0.32

PB44F:90251



Data File: /chem3/nt4.i/20090616.b/pb44f.d

Date : 16-JUN-2009 17:41

Client ID: 3SED3-C

Instrument: nt4.i

Sample Info: PB44F,3

Volume Injected (uL): 1.0

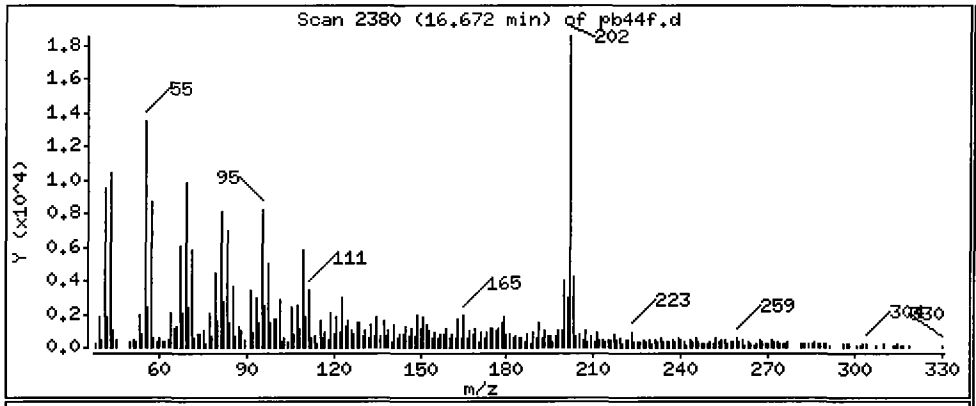
Operator: LJR/VTS

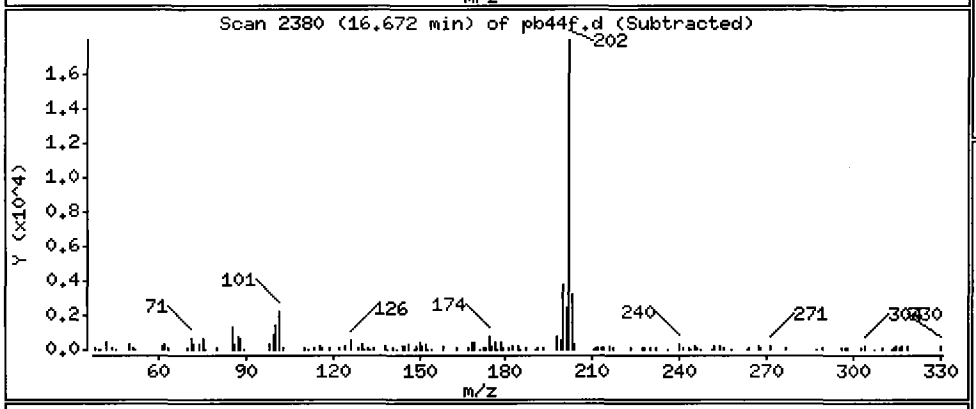
Column phase: ZB-5

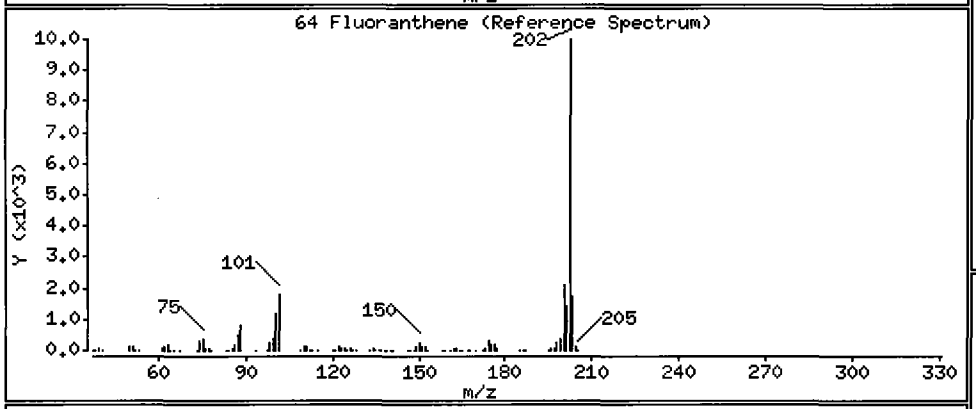
Column diameter: 0.32

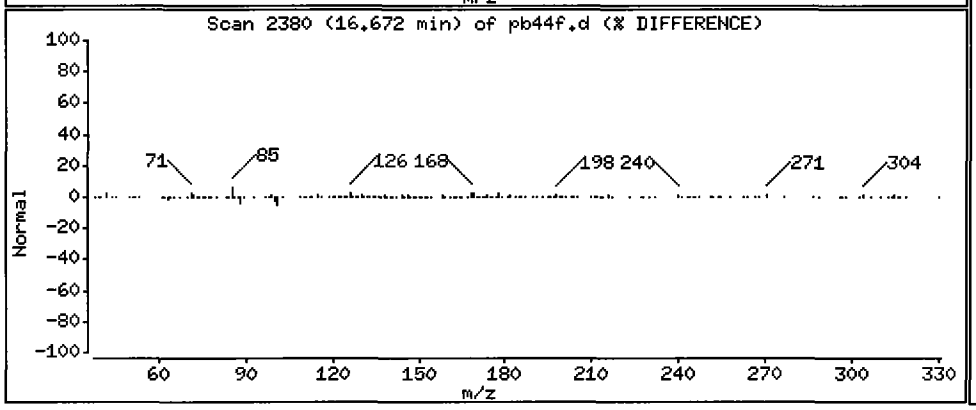
64 Fluoranthene

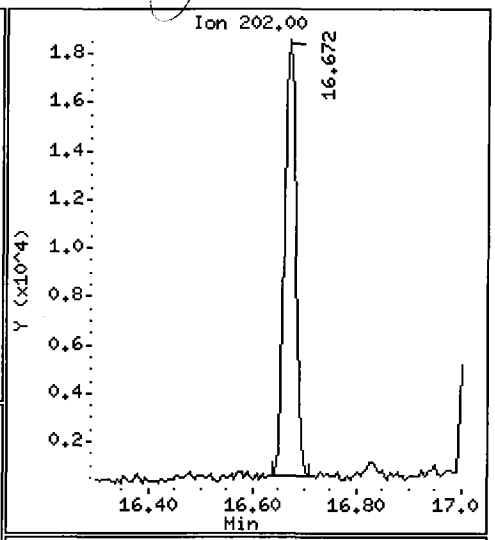
Concentration: 48.43 ug/kg

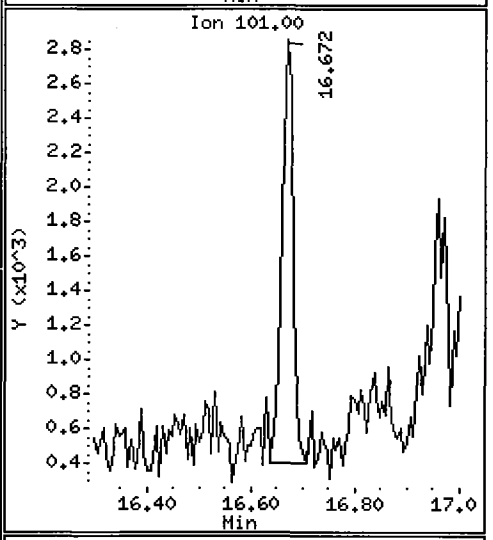


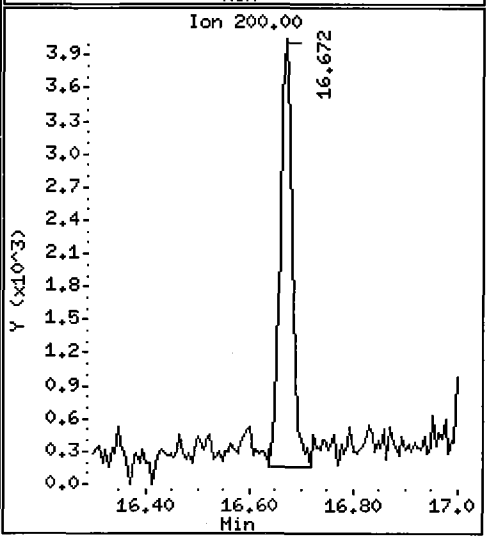












Data File: /chem3/nt4.i/20090616.b/pb44f.d

Date : 16-JUN-2009 17:41

Client ID: 3SED3-C

Instrument: nt4.i

Sample Info: PB44F,3

Volume Injected (uL): 1.0

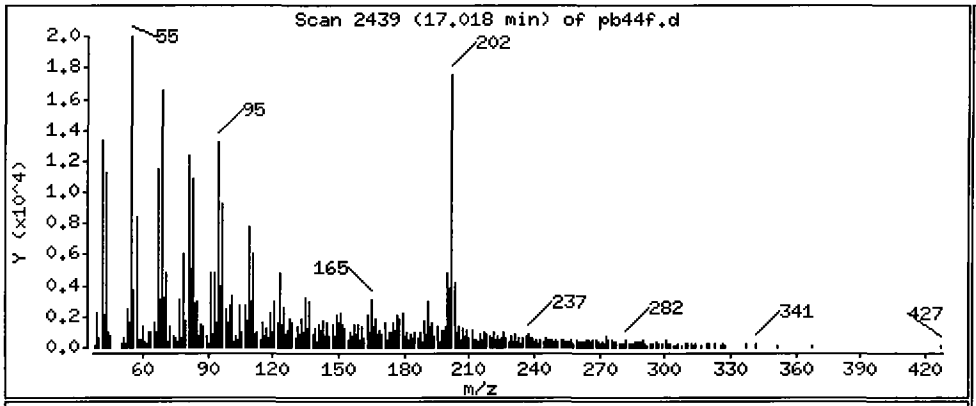
Operator: LJR/VTS

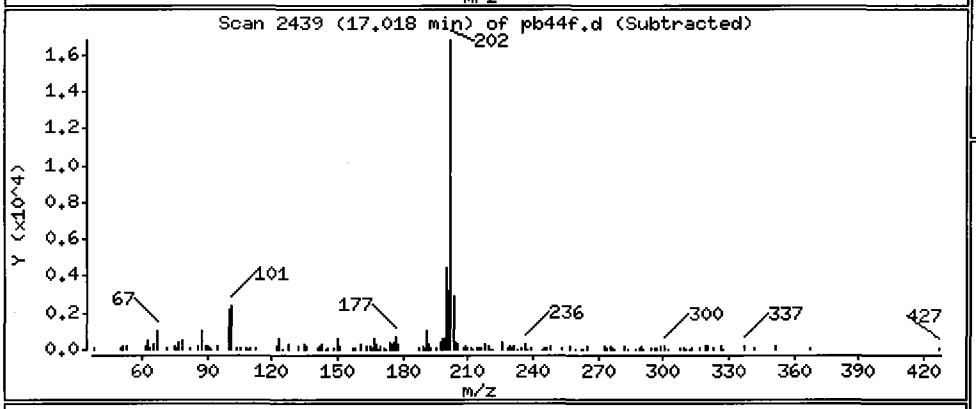
Column phase: ZB-5

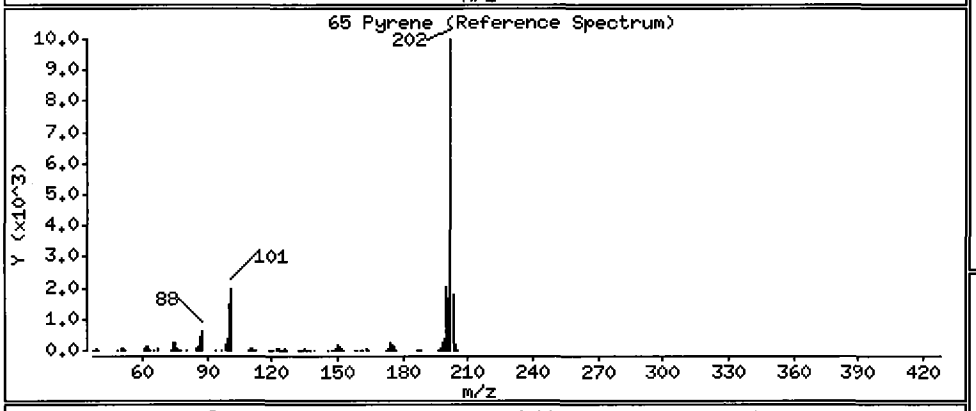
Column diameter: 0.32

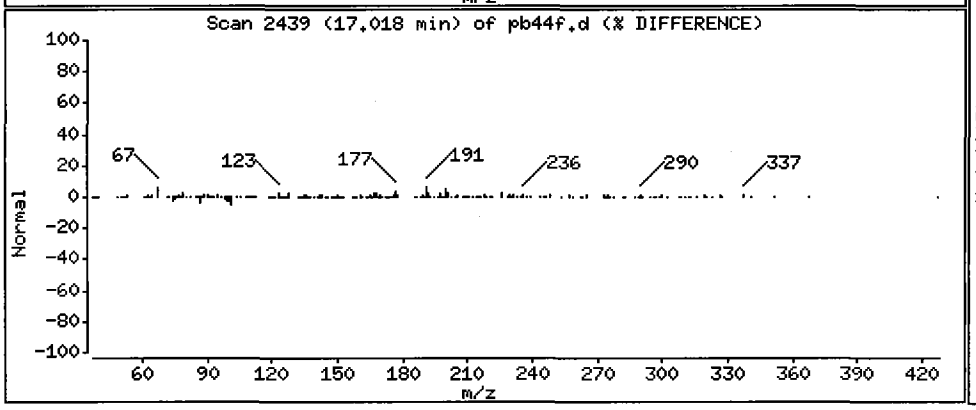
65 Pyrene

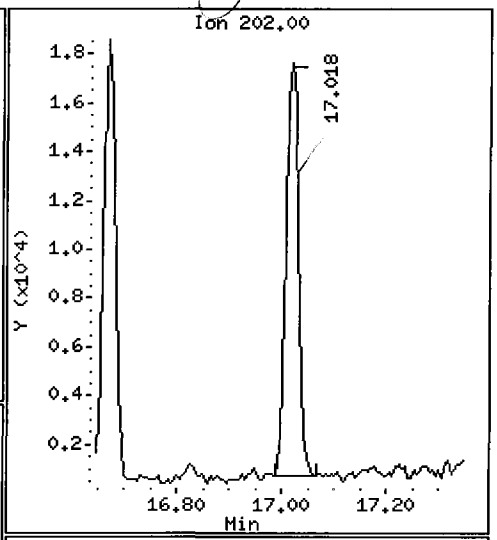
Concentration: 40.67 ug/kg

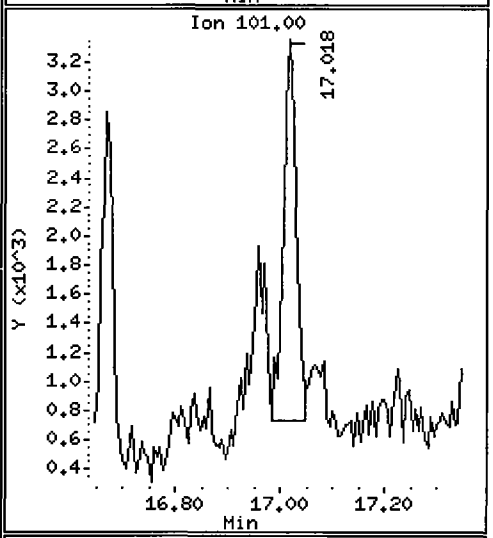


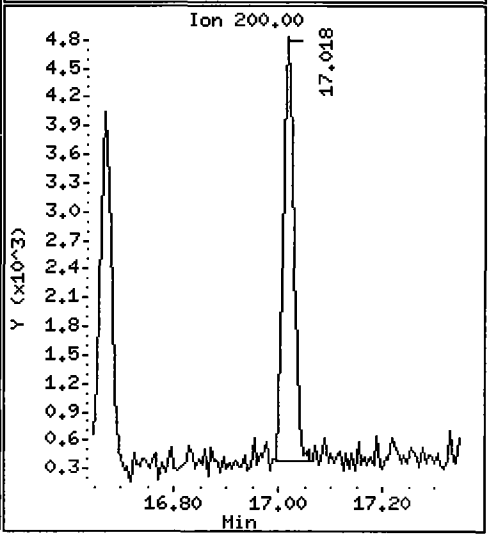












Data File: /chem3/nt4.i/20090616.b/pb44f.d

Date : 16-JUN-2009 17:41

Client ID: 3SED3-C

Instrument: nt4.i

Sample Info: PB44F,3

Volume Injected (uL): 1.0

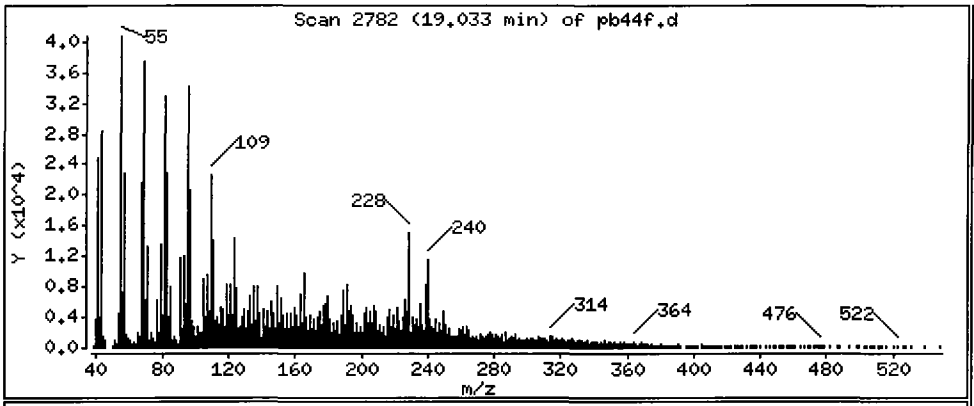
Operator: LJR/VTS

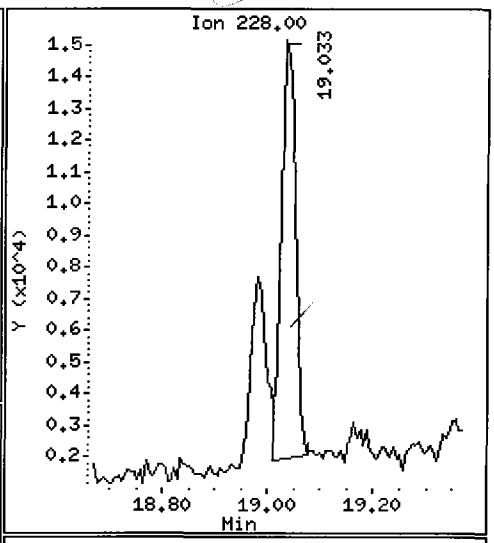
Column phase: ZB-5

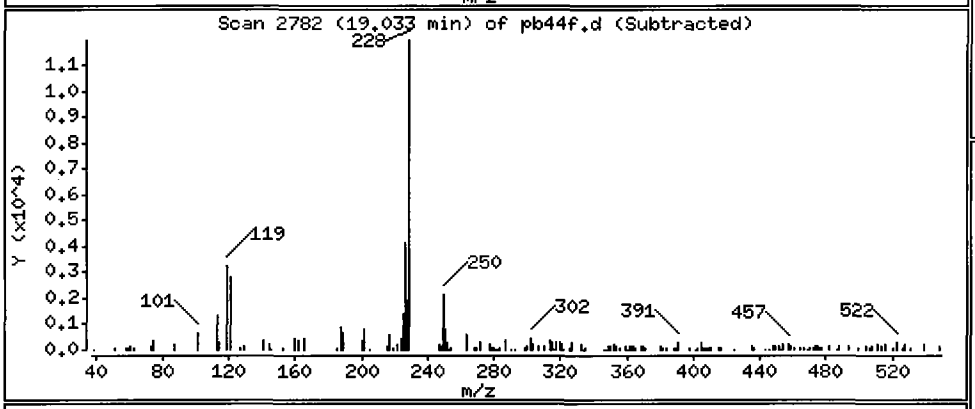
Column diameter: 0.32

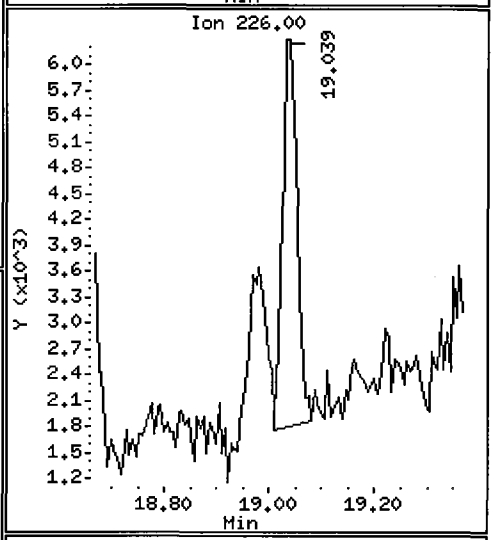
71 Chrysene

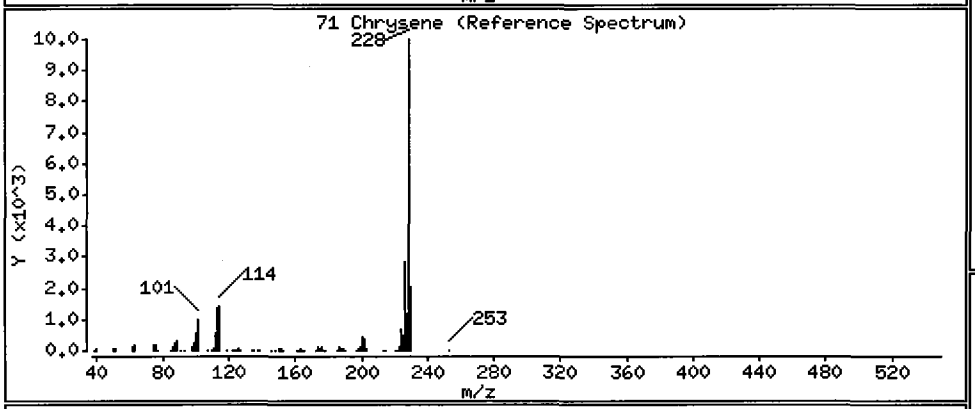
Concentration: 46.89 ug/kg

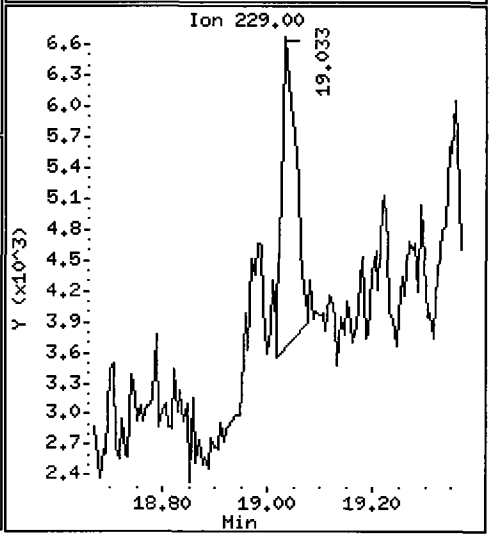


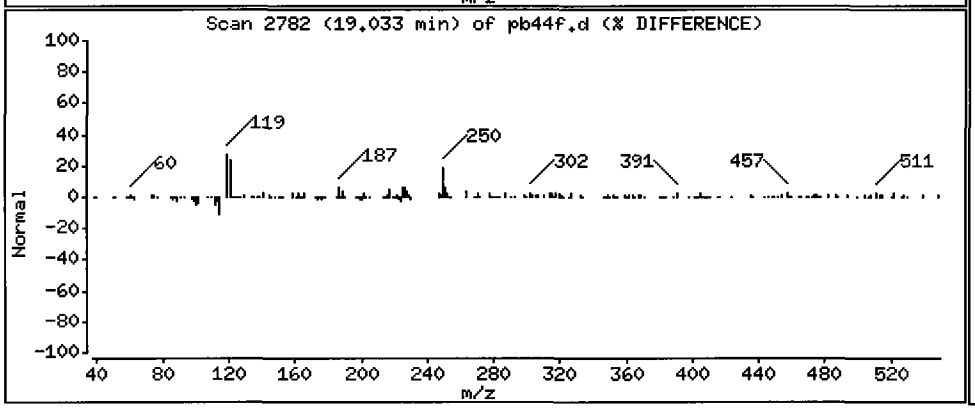












Data File: /chem3/nt4.i/20090616.b/pb44f.d

Date : 16-JUN-2009 17:41

Client ID: 3SED3-C

Instrument: nt4.i

Sample Info: PB44F,3

Volume Injected (uL): 1.0

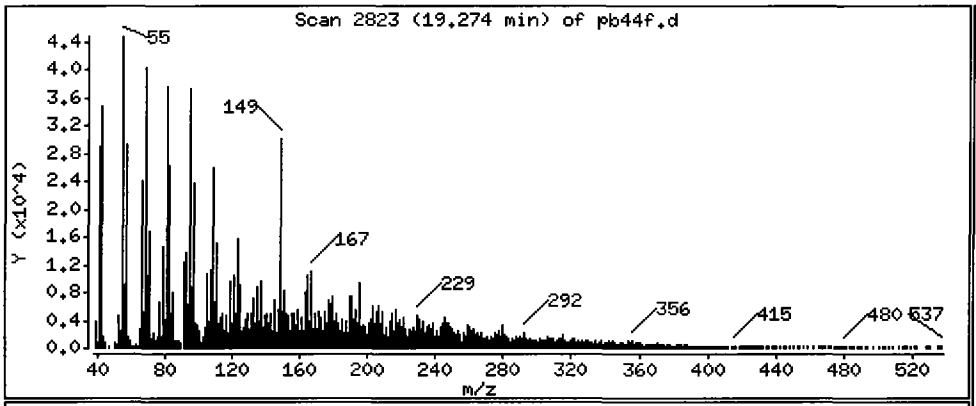
Operator: LJR/VTS

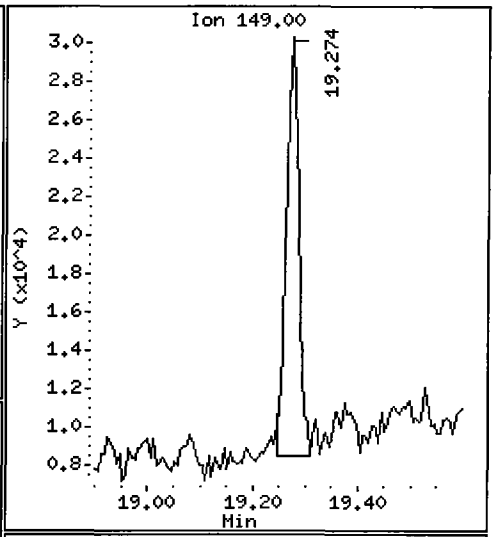
Column phase: ZB-5

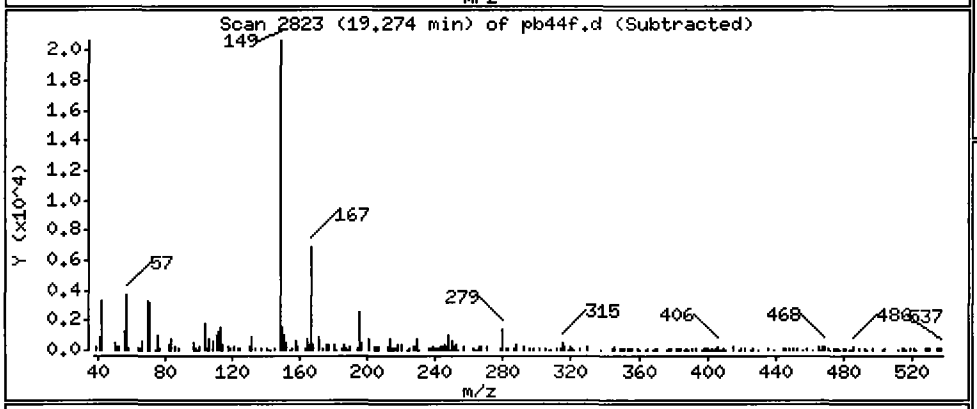
Column diameter: 0.32

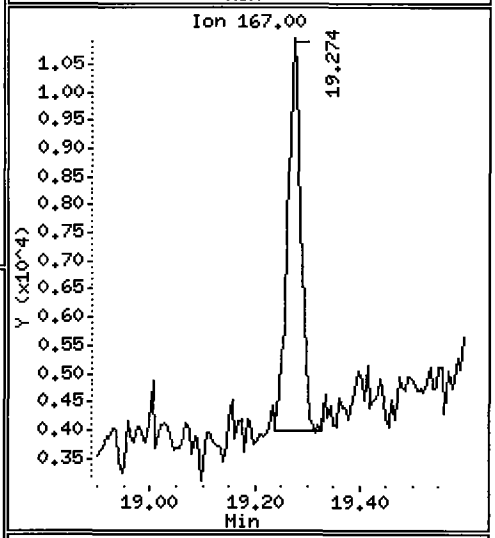
72 bis(2-Ethylhexyl)phthalate

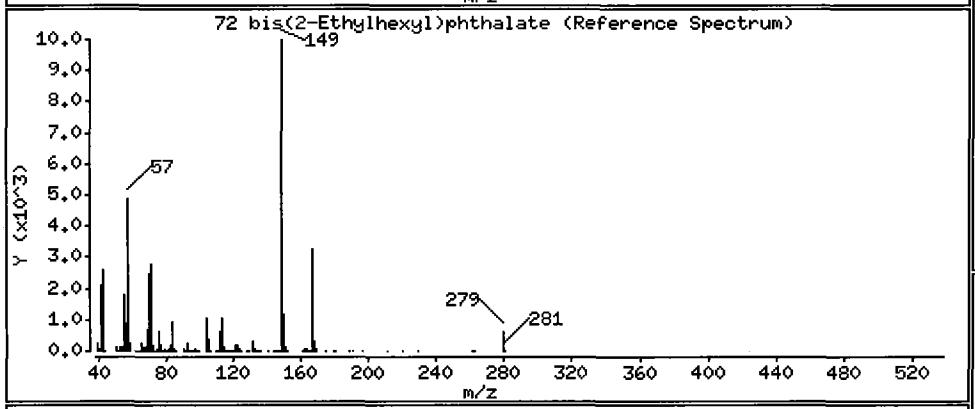
Concentration: 85.96 ug/kg

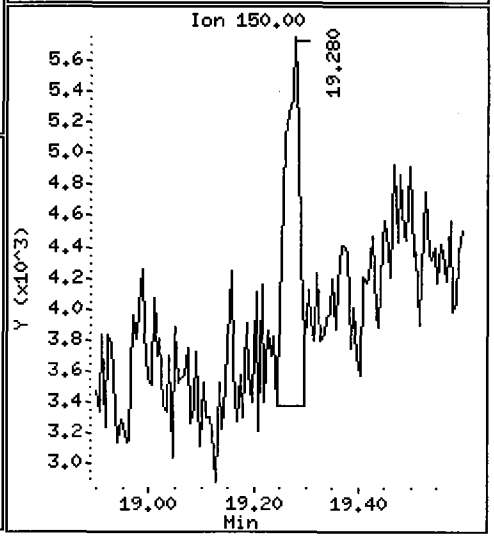


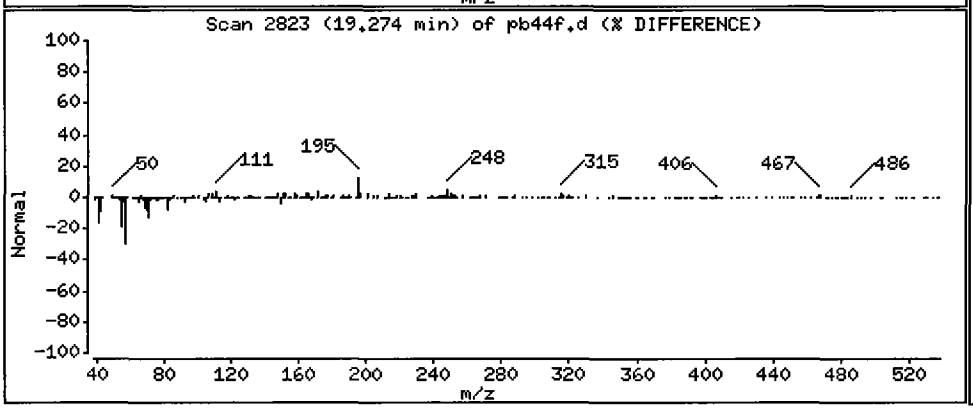












Data File: /chem3/nt4.i/20090616.b/pb44f.d

Date : 16-JUN-2009 17:41

Client ID: 3SED3-C

Instrument: nt4.i

Sample Info: PB44F,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

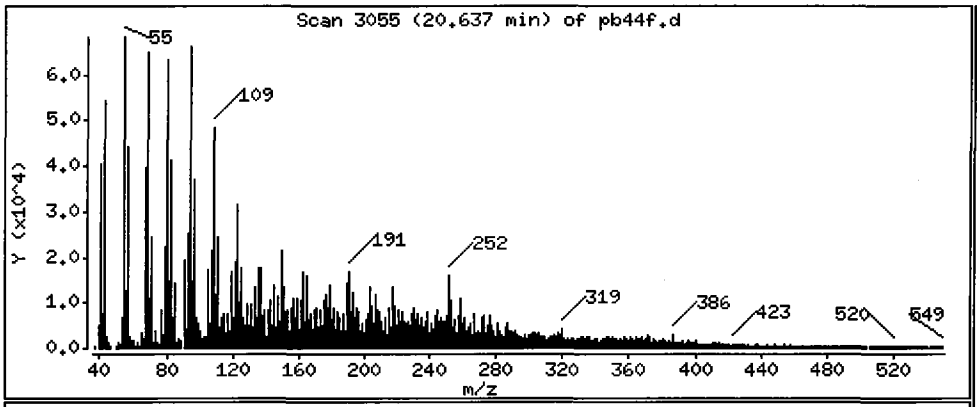
Column phase: ZB-5

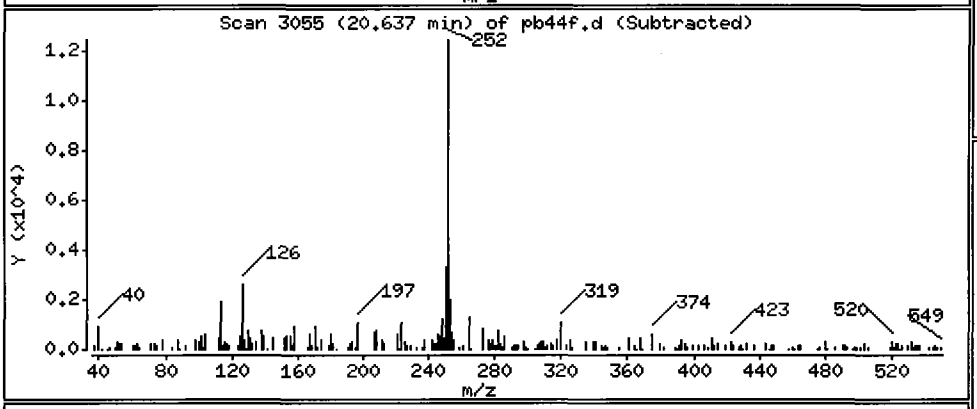
Column diameter: 0.32

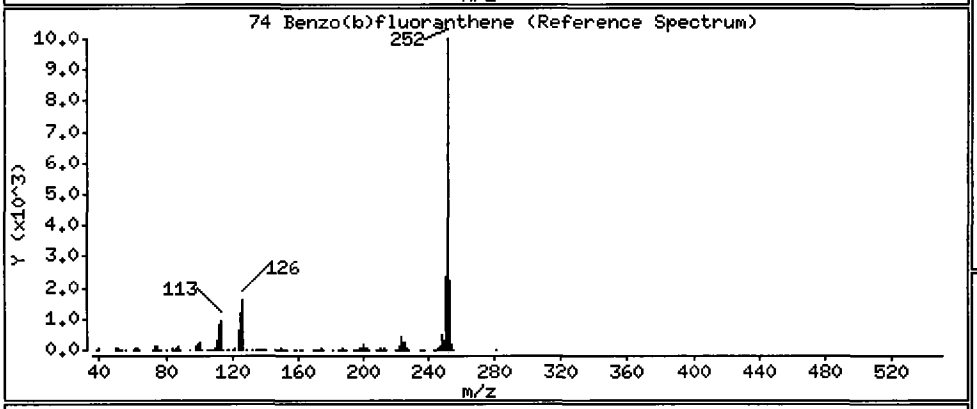
1/2 conc

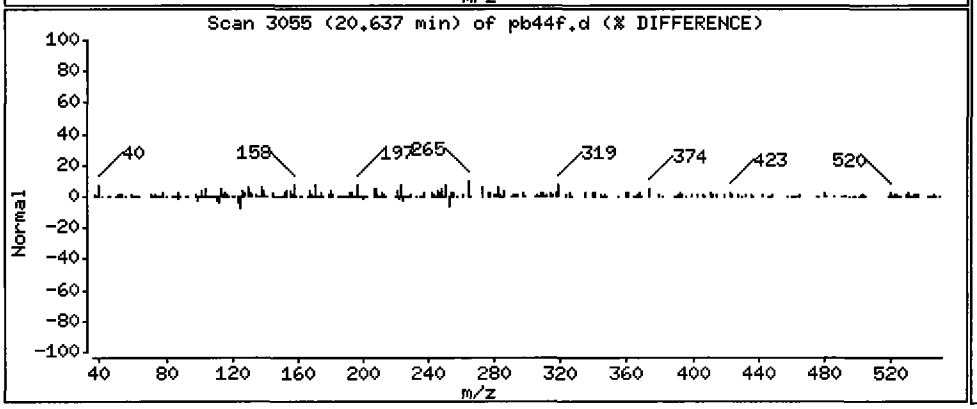
74 Benzo(b)fluoranthene

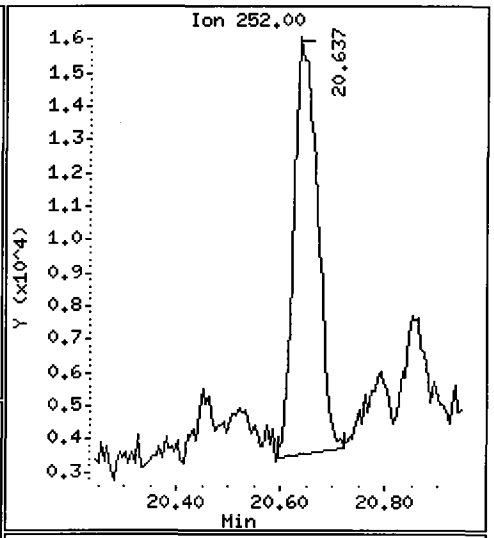
Concentration: 67.49 ug/kg

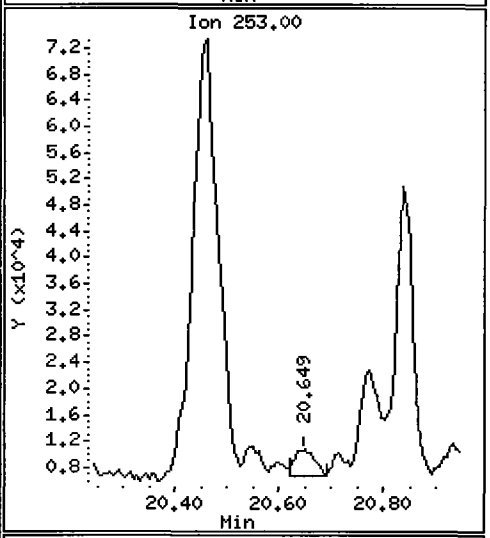


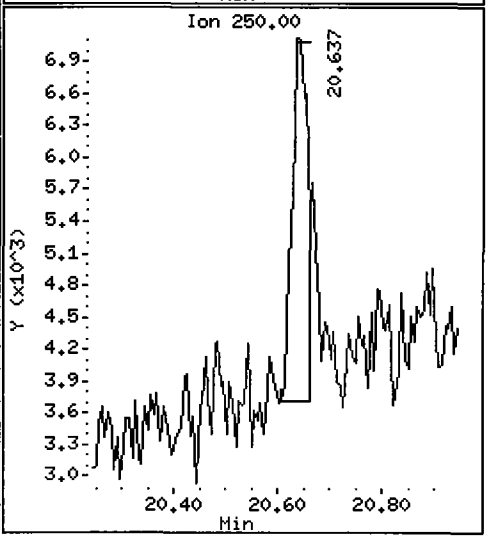












Data File: /chem3/nt4.i/20090616.b/pb44f.d

Date : 16-JUN-2009 17:41

Client ID: 3SED3-C

Instrument: nt4.i

Sample Info: PB44F,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

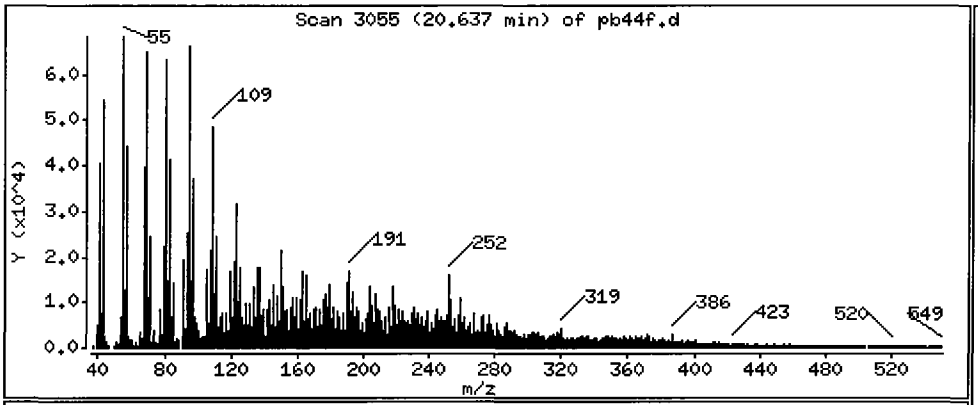
Column phase: ZB-5

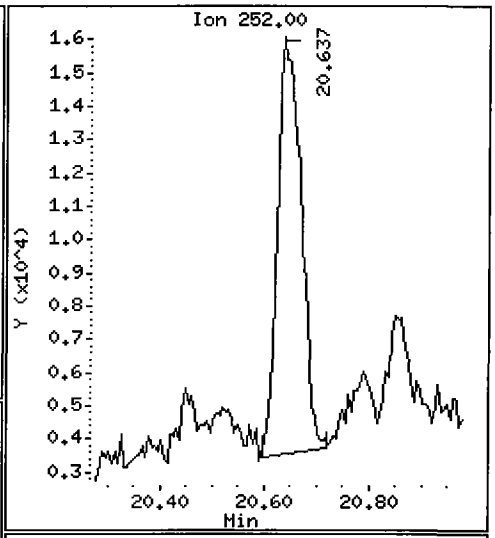
Column diameter: 0.32

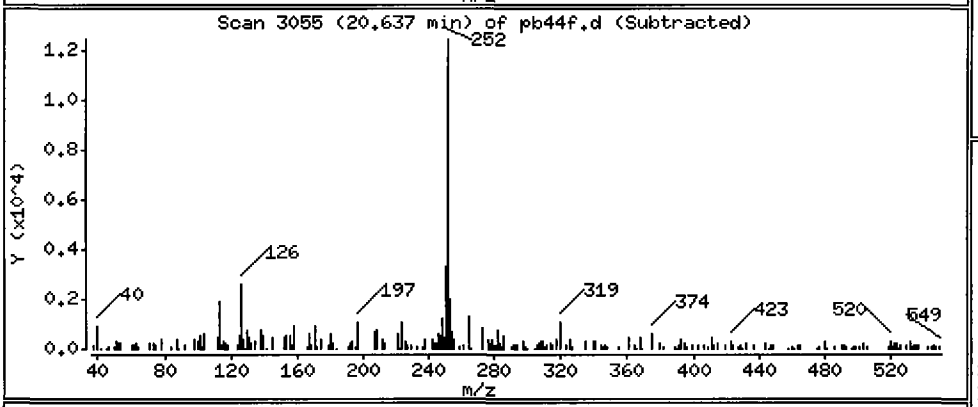
1/2 cmpd

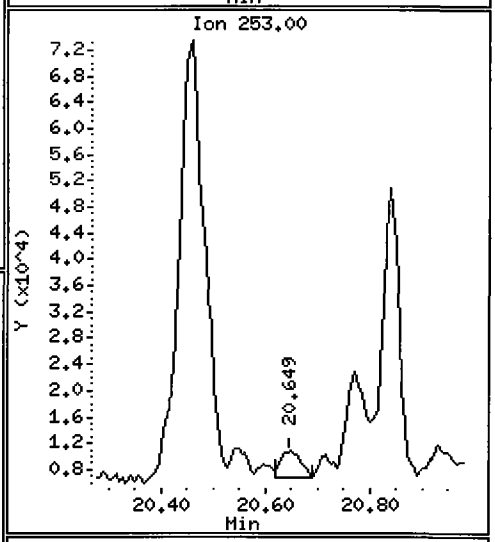
75 Benzo(k)fluoranthene

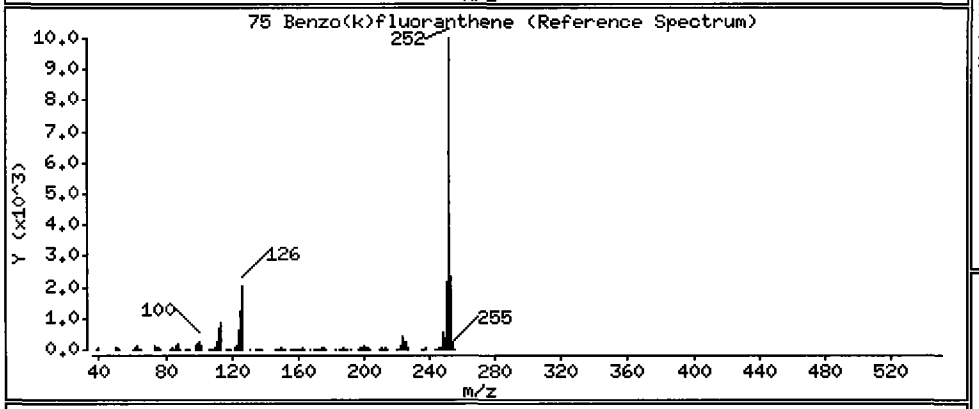
Concentration: 65.22 ug/kg

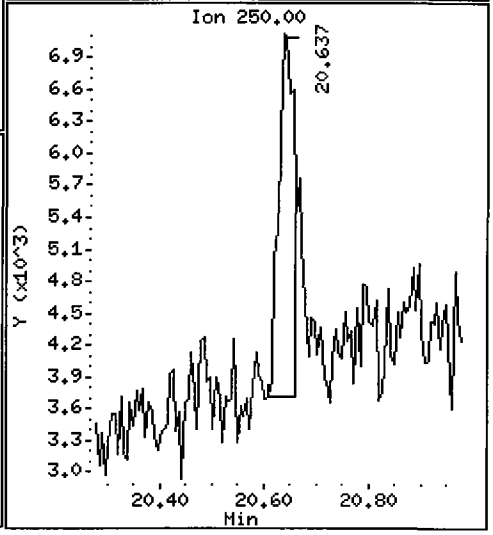


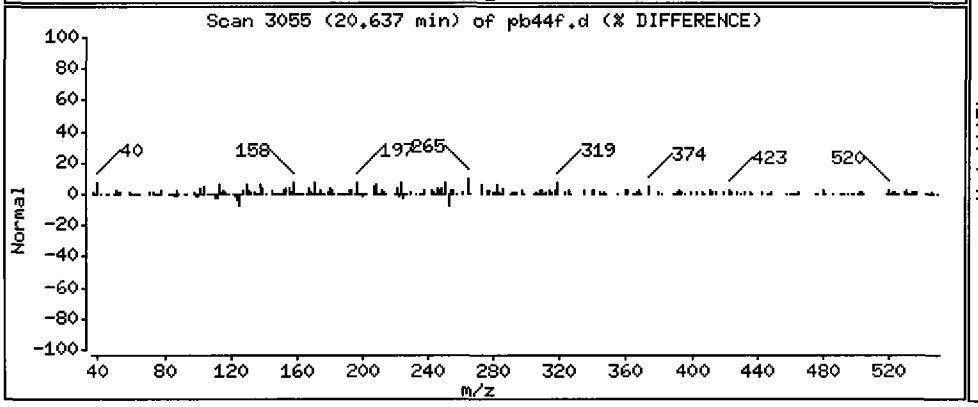












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED6-A
SAMPLE

Lab Sample ID: PB44G
LIMS ID: 09-12793
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 18:15
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 26.0 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	< 19 U
541-73-1	1,3-Dichlorobenzene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
100-51-6	Benzyl Alcohol	19	< 19 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
95-48-7	2-Methylphenol	19	< 19 U
106-44-5	4-Methylphenol	19	< 19 U
67-72-1	Hexachloroethane	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
65-85-0	Benzoic Acid	190	< 190 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
91-20-3	Naphthalene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
91-57-6	2-Methylnaphthalene	19	< 19 U
131-11-3	Dimethylphthalate	19	< 19 U
208-96-8	Acenaphthylene	19	< 19 U
83-32-9	Acenaphthene	19	< 19 U
132-64-9	Dibenzofuran	19	< 19 U
84-66-2	Diethylphthalate	19	< 19 U
86-73-7	Fluorene	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-86-5	Pentachlorophenol	96	< 96 U
85-01-8	Phenanthrene	19	< 19 U
120-12-7	Anthracene	19	< 19 U
84-74-2	Di-n-Butylphthalate	19	< 19 U
206-44-0	Fluoranthene	19	< 19 U
129-00-0	Pyrene	19	< 19 U
85-68-7	Butylbenzylphthalate	19	< 19 U
56-55-3	Benzo(a)anthracene	19	< 19 U
117-81-7	bis(2-Ethylhexyl)phthalate	19	< 19 U
218-01-9	Chrysene	19	< 19 U
117-84-0	Di-n-Octyl phthalate	19	< 19 U
205-99-2	Benzo(b)fluoranthene	19	< 19 U
207-08-9	Benzo(k)fluoranthene	19	< 19 U
50-32-8	Benzo(a)pyrene	19	< 19 U
193-39-5	Indeno(1,2,3-cd)pyrene	19	< 19 U
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
191-24-2	Benzo(g,h,i)perylene	19	< 19 U
90-12-0	1-Methylnaphthalene	19	< 19 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.8%	2-Fluorobiphenyl	69.2%
d14-p-Terphenyl	78.4%	d4-1,2-Dichlorobenzene	59.6%
d5-Phenol	69.1%	2-Fluorophenol	59.7%
2,4,6-Tribromophenol	89.1%	d4-2-Chlorophenol	69.1%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44g.d
Lab Smp Id: PB44G Client Smp ID: 3SED6-A
Inj Date : 16-JUN-2009 18:15
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44G
Misc Info : 09-12793
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	32.30000	Weight of sample extracted (g)
M	19.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.528	5.475	(0.739)	266112	22.3984	431.2
$	2 Phenol-d5	99	7.191	7.091	(0.962)	418693	25.8800	498.3
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.197	7.167	(0.962)	258955	25.9169	499.0
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.479	7.461	(1.000)	155064	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.773	7.761	(1.039)	108787	14.9129	287.1
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

			QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15	4-Methylphenol	108	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	8.419	8.401	(0.885)	246255	15.2269	293.2
	19	Nitrobenzene	77	Compound Not Detected.					
	20	Isophorone	82	Compound Not Detected.					
	21	2-Nitrophenol	139	Compound Not Detected.					
	22	2,4-Dimethylphenol	107	Compound Not Detected.					
	23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24	Benzoic acid	105	Compound Not Detected.					
	25	2,4-Dichlorophenol	162	Compound Not Detected.					
	26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27	Naphthalene-d8	136	9.518	9.506	(1.000)	569916	20.0000	
	28	Naphthalene	128	Compound Not Detected.					
	29	4-Chloroaniline	127	Compound Not Detected.					
	30	Hexachlorobutadiene	225	Compound Not Detected.					
	31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32	2-Methylnaphthalene	141	Compound Not Detected.					
	33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36	2-Fluorobiphenyl	172	11.315	11.309	(0.915)	427735	17.3390	333.8
	37	2-Chloronaphthalene	162	Compound Not Detected.					
	38	2-Nitroaniline	65	Compound Not Detected.					
	39	Dimethylphthalate	163	Compound Not Detected.					
	40	Acenaphthylene	152	Compound Not Detected.					
	41	2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42	Acenaphthene-d10	164	12.361	12.344	(1.000)	325451	20.0000	
	43	3-Nitroaniline	138	Compound Not Detected.					
	44	Acenaphthene	153	Compound Not Detected.					
	45	2,4-Dinitrophenol	184	Compound Not Detected.					
	46	Dibenzofuran	168	Compound Not Detected.					
	47	4-Nitrophenol	109	Compound Not Detected.					
	48	2,4-Dinitrotoluene	165	Compound Not Detected.					
	50	Diethylphthalate	149	Compound Not Detected.					
	49	Fluorene	166	Compound Not Detected.					
	51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52	4-Nitroaniline	138	Compound Not Detected.					
	53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55	2,4,6-Tribromophenol	330	13.654	13.636	(1.105)	100321	33.3666	642.4
	56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57	Hexachlorobenzene	284	Compound Not Detected.					
	58	Pentachlorophenol	266	Compound Not Detected.					
*	59	Phenanthrene-d10	188	14.717	14.694	(1.000)	515204	20.0000	
	60	Phenanthrene	178	Compound Not Detected.					
	61	Anthracene	178	Compound Not Detected.					
	62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	Compound Not Detected.					
$	66 Terphenyl-d14	244	17.361	17.338	(0.914)	443630	19.6267	377.9
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	19.001	18.977	(1.000)	439910	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	Compound Not Detected.					
	72 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
*	134 Di-n-octylphthalate-d4	153	20.199	20.181	(1.000)	761968	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	Compound Not Detected.					
	75 Benzo(k)fluoranthene	252	Compound Not Detected.					
	76 Benzo(a)pyrene	252	Compound Not Detected.					
*	77 Perylene-d12	264	21.145	21.110	(1.000)	458337	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44g.d
Lab Smp Id: PB44G
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12793

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED6-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	155064	-14.15
27 Naphthalene-d8	633172	316586	1266344	569916	-9.99
42 Acenaphthene-d10	336916	168458	673832	325451	-3.40
59 Phenanthrene-d10	514258	257129	1028516	515204	0.18
69 Chrysene-d12	376875	188438	753750	439910	16.73
134 Di-n-octylphthala	640574	320287	1281148	761968	18.95
77 Perylene-d12	383864	191932	767728	458337	19.40

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.48	0.24
27 Naphthalene-d8	9.51	9.01	10.01	9.52	0.13
42 Acenaphthene-d10	12.34	11.84	12.84	12.36	0.14
59 Phenanthrene-d10	14.69	14.19	15.19	14.72	0.16
69 Chrysene-d12	18.98	18.48	19.48	19.00	0.12
134 Di-n-octylphthala	20.18	19.68	20.68	20.20	0.09
77 Perylene-d12	21.11	20.61	21.61	21.15	0.17

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

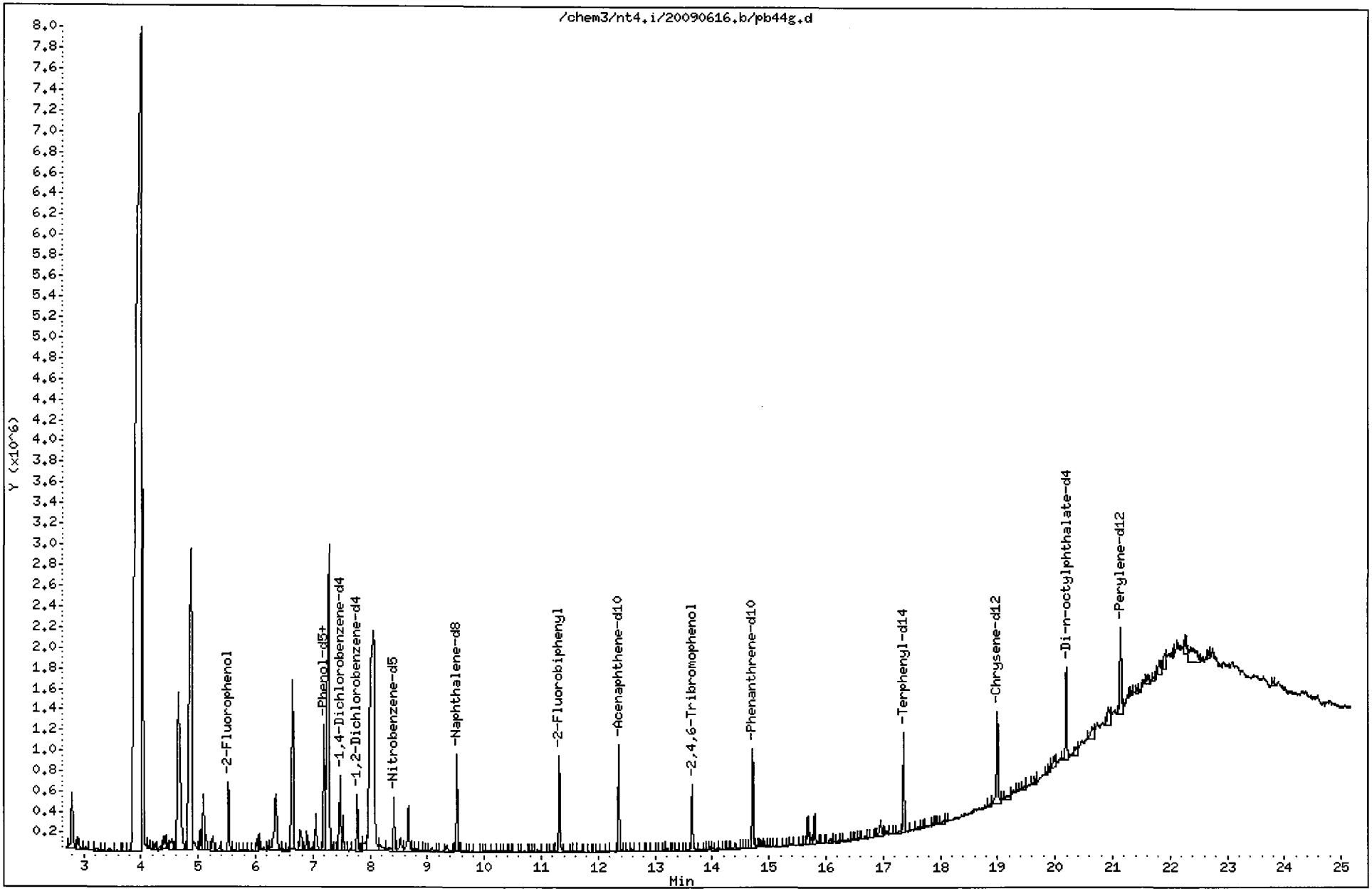
Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44G
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12793

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-A
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	722.0	431.2	59.73	21-100
$ 2 Phenol-d5	722.0	498.3	69.01	10-100
$ 5 2-Chlorophenol-d4	722.0	499.0	69.11	30-100
$ 10 1,2-Dichlorobenzen	481.3	287.1	59.65	24-100
$ 18 Nitrobenzene-d5	481.3	293.2	60.91	26-100
$ 36 2-Fluorobiphenyl	481.3	333.8	69.36	32-100
$ 55 2,4,6-Tribromophen	722.0	642.4	88.98	33-118
$ 66 Terphenyl-d14	481.3	377.9	78.51	21-97

Data File: /chem3/nt4.i/20090616.b/pb44g.d
Date : 16-JUN-2009 18:15
Client ID: 3SED6-A
Sample Info: PB44G
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: LJR/VTS
Column diameter: 0.32



PB44 : 002614

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED6-B
SAMPLE

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 18:49
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.8%	2-Fluorobiphenyl	63.6%
d14-p-Terphenyl	73.2%	d4-1,2-Dichlorobenzene	55.6%
d5-Phenol	60.3%	2-Fluorophenol	56.5%
2,4,6-Tribromophenol	81.1%	d4-2-Chlorophenol	61.3%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44h.d
Lab Smp Id: PB44H Client Smp ID: 3SED6-B
Inj Date : 16-JUN-2009 18:49
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44H
Misc Info : 09-12794
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	29.10000	Weight of sample extracted (g)
M	13.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.526	5.475	(0.739)	270753	21.1776	419.7
$	2 Phenol-d5	99	7.177	7.091	(0.960)	393842	22.6225	448.3
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.195	7.167	(0.962)	247173	22.9885	455.6
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.477	7.461	(1.000)	166863	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.771	7.761	(1.039)	108776	13.8570	274.6
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	8.417	8.401	(0.885)	242779	14.1563	280.5
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	Compound Not Detected.					
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.516	9.506	(1.000)	604367	20.0000	
28	Naphthalene	128	Compound Not Detected.					
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	Compound Not Detected.					
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.319	11.309	(0.916)	429509	15.9459	316.0
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	12.359	12.344	(1.000)	355353	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	Compound Not Detected.					
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	13.211	13.213	(1.069)	20482	0.77831 LDL	15.42
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.652	13.636	(1.105)	99812	30.4038	602.5
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.716	14.694	(1.000)	584036	20.0000	
60	Phenanthrene	178	Compound Not Detected.					
61	Anthracene	178	Compound Not Detected.					
62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	Compound Not Detected.					
	65 Pyrene	202	Compound Not Detected.					
$	66 Terphenyl-d14	244	17.359	17.338	(0.914)	428547	18.3057	362.8
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	Compound Not Detected.					
*	69 Chrysene-d12	240	18.993	18.977	(1.000)	455621	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	Compound Not Detected.					
	72 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
*	134 Di-n-octylphthalate-d4	153	20.197	20.181	(1.000)	786063	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	Compound Not Detected.					
	75 Benzo(k)fluoranthene	252	Compound Not Detected.					
	76 Benzo(a)pyrene	252	Compound Not Detected.					
*	77 Perylene-d12	264	21.137	21.110	(1.000)	479923	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44h.d
Lab Smp Id: PB44H
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12794

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED6-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	166863	-7.62
27 Naphthalene-d8	633172	316586	1266344	604367	-4.55
42 Acenaphthene-d10	336916	168458	673832	355353	5.47
59 Phenanthrene-d10	514258	257129	1028516	584036	13.57
69 Chrysene-d12	376875	188438	753750	455621	20.89
134 Di-n-octylphthala	640574	320287	1281148	786063	22.71
77 Perylene-d12	383864	191932	767728	479923	25.02

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.48	0.21
27 Naphthalene-d8	9.51	9.01	10.01	9.52	0.11
42 Acenaphthene-d10	12.34	11.84	12.84	12.36	0.13
59 Phenanthrene-d10	14.69	14.19	15.19	14.72	0.15
69 Chrysene-d12	18.98	18.48	19.48	18.99	0.08
134 Di-n-octylphthala	20.18	19.68	20.68	20.20	0.08
77 Perylene-d12	21.11	20.61	21.61	21.14	0.13

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44H
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12794

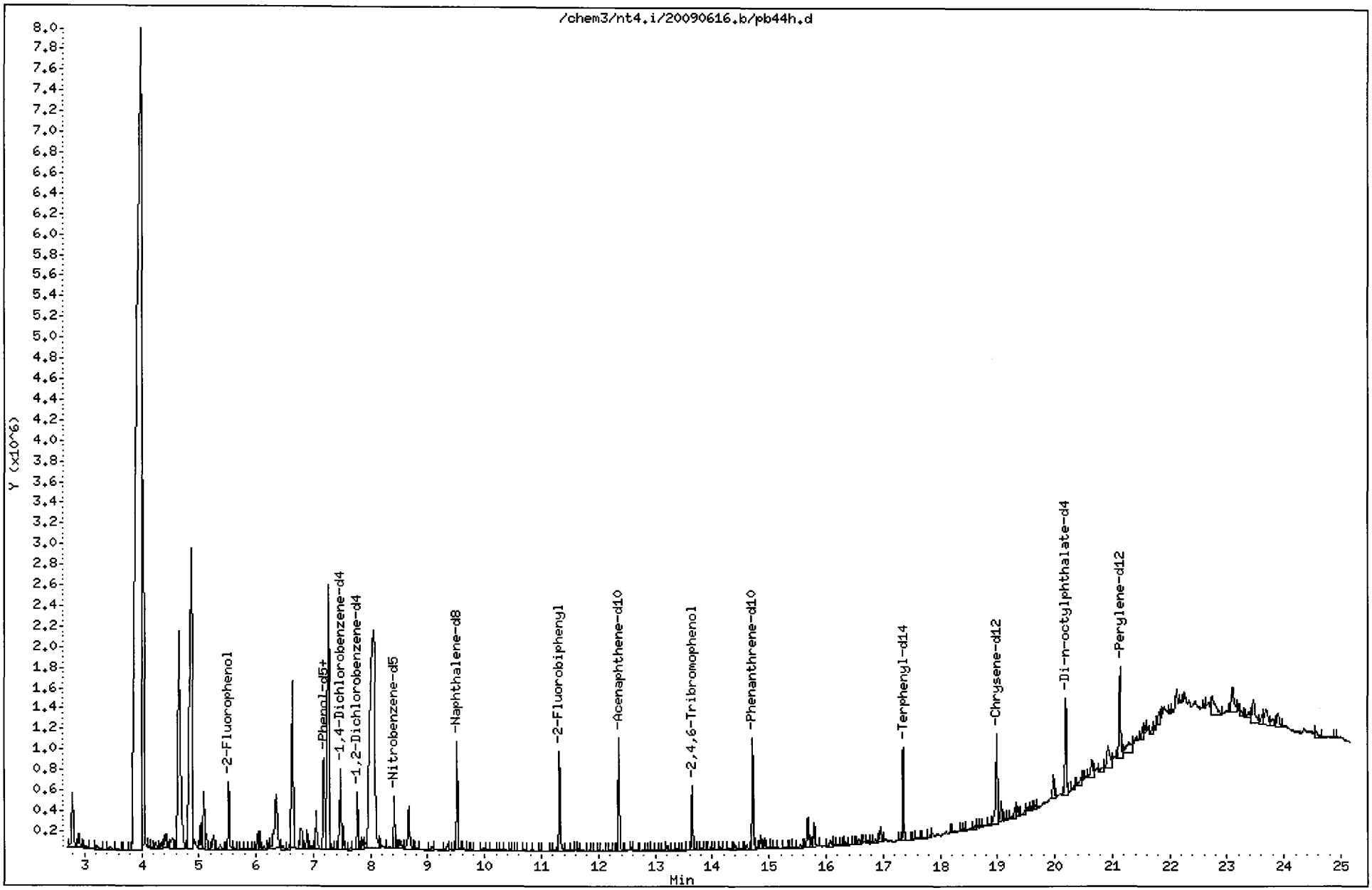
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-B
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	743.2	419.7	56.47	21-100
$ 2 Phenol-d5	743.2	448.3	60.33	10-100
$ 5 2-Chlorophenol-d4	743.2	455.6	61.30	30-100
$ 10 1,2-Dichlorobenzen	495.4	274.6	55.43	24-100
$ 18 Nitrobenzene-d5	495.4	280.5	56.63	26-100
$ 36 2-Fluorobiphenyl	495.4	316.0	63.78	32-100
$ 55 2,4,6-Tribromophen	743.2	602.5	81.08	33-118
$ 66 Terphenyl-d14	495.4	362.8	73.22	21-97

Data File: /chem3/nt4.i/20090616.b/pb44h.d
Date : 16-JUN-2009 18:49
Client ID: 3SED6-B
Sample Info: PB44H
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem3/nt4.i/20090616.b/pb44h.d

Date : 16-JUN-2009 18:49

Client ID: 3SED6-B

Instrument: nt4.i

Sample Info: PB44H

Volume Injected (uL): 1.0

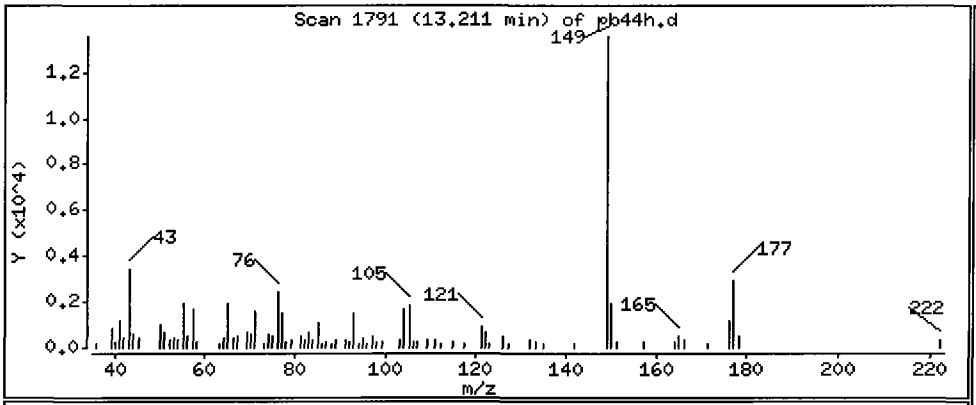
Operator: LJR/VTS

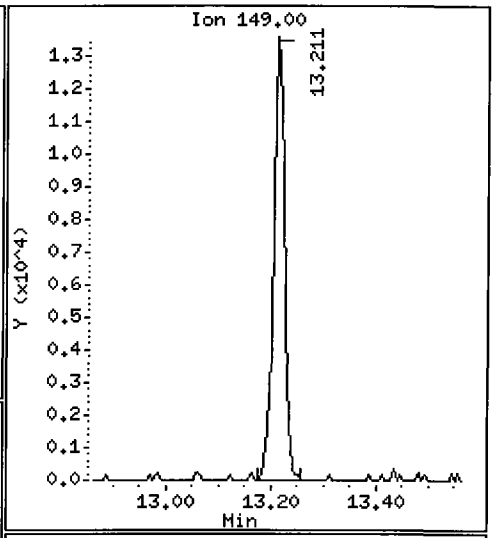
Column phase: ZB-5

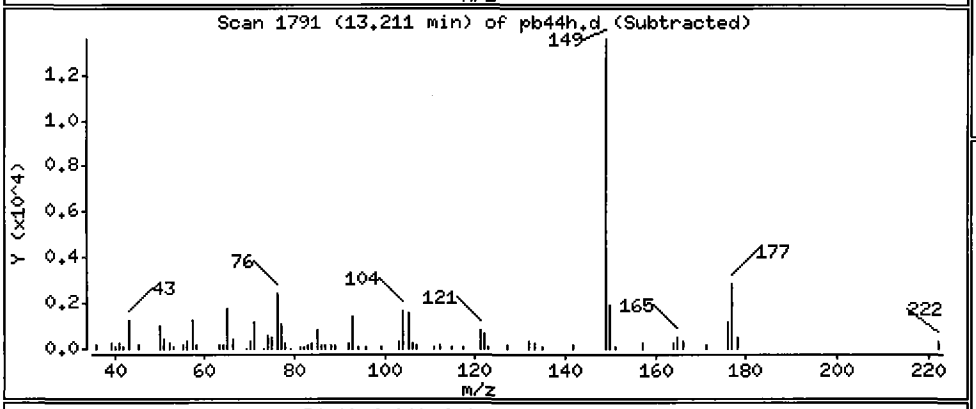
Column diameter: 0.32

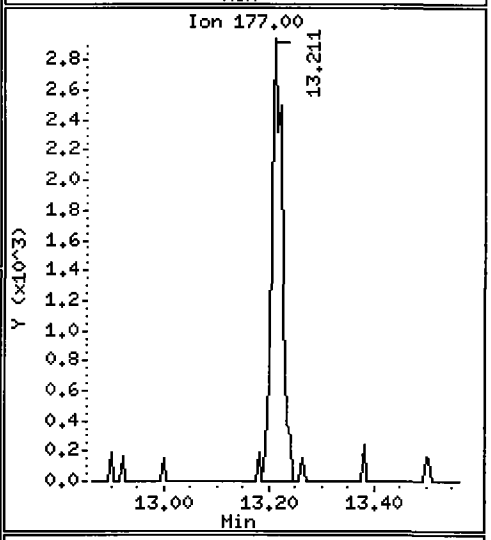
50 Diethylphthalate

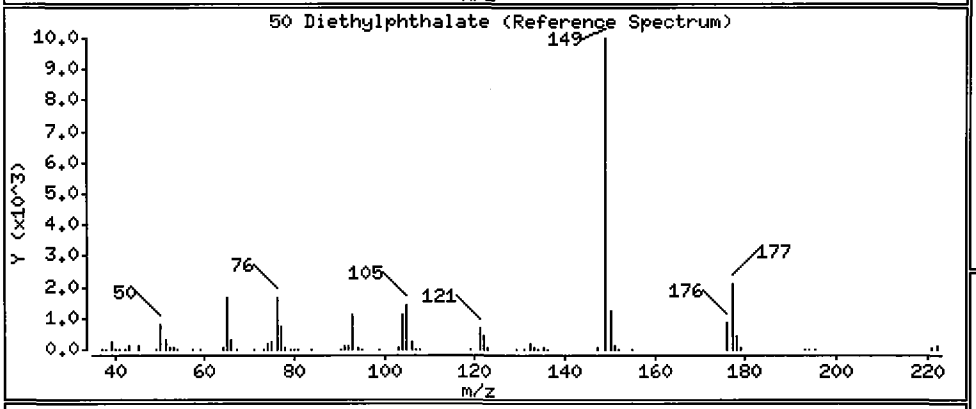
Concentration: 15.42 ug/kg

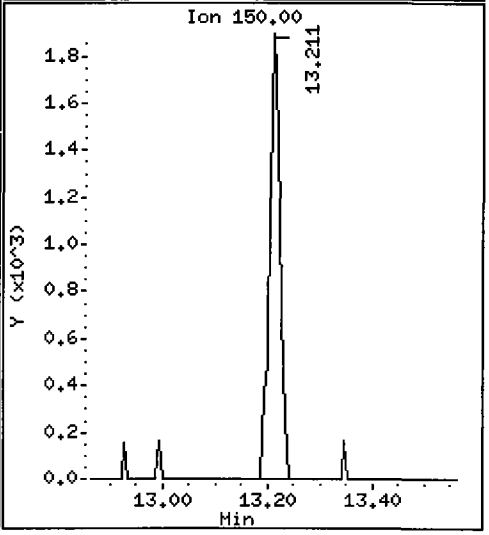


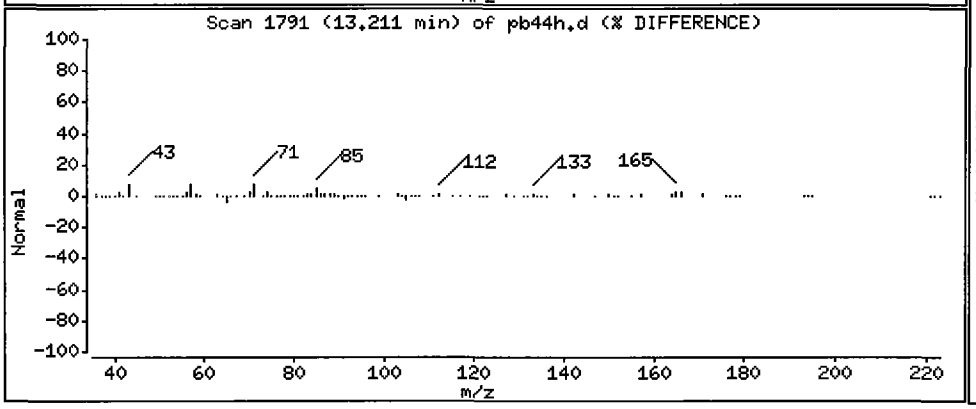












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED6-C
SAMPLE

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 19:24
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.9 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	< 19 U
541-73-1	1,3-Dichlorobenzene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
100-51-6	Benzyl Alcohol	19	< 19 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
95-48-7	2-Methylphenol	19	< 19 U
106-44-5	4-Methylphenol	19	< 19 U
67-72-1	Hexachloroethane	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
65-85-0	Benzoic Acid	190	< 190 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
91-20-3	Naphthalene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
91-57-6	2-Methylnaphthalene	19	< 19 U
131-11-3	Dimethylphthalate	19	< 19 U
208-96-8	Acenaphthylene	19	< 19 U
83-32-9	Acenaphthene	19	< 19 U
132-64-9	Dibenzofuran	19	< 19 U
84-66-2	Diethylphthalate	19	< 19 U
86-73-7	Fluorene	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
118-74-1	**Hexachlorobenzene**	**19**	**47**
87-86-5	Pentachlorophenol	96	< 96 U
85-01-8	Phenanthrene	19	< 19 U
120-12-7	Anthracene	19	< 19 U
84-74-2	Di-n-Butylphthalate	19	< 19 U
206-44-0	**Fluoranthene**	**19**	**10 J**
129-00-0	Pyrene	19	< 19 U
85-68-7	Butylbenzylphthalate	19	< 19 U
56-55-3	Benzo(a)anthracene	19	< 19 U
117-81-7	bis(2-Ethylhexyl)phthalate	19	< 19 U
218-01-9	**Chrysene**	**19**	**11 J**
117-84-0	Di-n-Octyl phthalate	19	< 19 U
205-99-2	Benzo(b)fluoranthene	19	< 19 U
207-08-9	Benzo(k)fluoranthene	19	< 19 U
50-32-8	Benzo(a)pyrene	19	< 19 U
193-39-5	Indeno(1,2,3-cd)pyrene	19	< 19 U
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
191-24-2	Benzo(g,h,i)perylene	19	< 19 U
90-12-0	1-Methylnaphthalene	19	< 19 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.0%	2-Fluorobiphenyl	66.0%
d14-p-Terphenyl	74.4%	d4-1,2-Dichlorobenzene	54.4%
d5-Phenol	64.8%	2-Fluorophenol	58.1%
2,4,6-Tribromophenol	84.5%	d4-2-Chlorophenol	64.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44i.d
Lab Smp Id: PB44I Client Smp ID: 3SED6-C
Inj Date : 16-JUN-2009 19:24
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44I
Misc Info : 09-12795
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJT 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	30.30000	Weight of sample extracted (g)
M	14.50000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.532	5.475	(0.740)	313196	21.7655	420.1
$	2 Phenol-d5	99	7.189	7.091	(0.961)	476001	24.2927	468.9
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.201	7.167	(0.963)	293613	24.2624	468.3
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.477	7.461	(1.000)	187807	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.776	7.761	(1.040)	119953	13.5767	262.0
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.417	8.401	(0.885)	272680	13.9792	269.8
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.515	9.506	(1.000)	687397	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.313	11.309	(0.915)	496200	16.4542	317.6
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.359	12.344	(1.000)	397847	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.646	13.636	(1.104)	116467	31.6878	611.6
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	14.245	14.230	(0.968)	19249	2.41590	46.63
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.709	14.694	(1.000)	664382	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.666	16.650	(1.133)	21674	0.51548 LDL	9.949
65	Pyrene	202	Compound Not Detected.					
$ 66	Terphenyl-d14	244	17.359	17.338	(0.914)	502025	18.6290	359.5
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.998	18.977	(1.000)	524476	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.034	19.018	(1.002)	20182	0.57005 LDL	11.00
72	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
* 134	Di-n-octylphthalate-d4	153	20.197	20.181	(1.000)	896304	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	Compound Not Detected.					
75	Benzo(k)fluoranthene	252	Compound Not Detected.					
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	21.143	21.110	(1.000)	551035	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44i.d
Lab Smp Id: PB44I
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12795

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED6-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	187807	3.97
27 Naphthalene-d8	633172	316586	1266344	687397	8.56
42 Acenaphthene-d10	336916	168458	673832	397847	18.08
59 Phenanthrene-d10	514258	257129	1028516	664382	29.19
69 Chrysene-d12	376875	188438	753750	524476	39.16
134 Di-n-octylphthala	640574	320287	1281148	896304	39.92
77 Perylene-d12	383864	191932	767728	551035	43.55

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.48	0.21
27 Naphthalene-d8	9.51	9.01	10.01	9.52	0.10
42 Acenaphthene-d10	12.34	11.84	12.84	12.36	0.13
59 Phenanthrene-d10	14.69	14.19	15.19	14.71	0.11
69 Chrysene-d12	18.98	18.48	19.48	19.00	0.11
134 Di-n-octylphthala	20.18	19.68	20.68	20.20	0.08
77 Perylene-d12	21.11	20.61	21.61	21.14	0.16

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

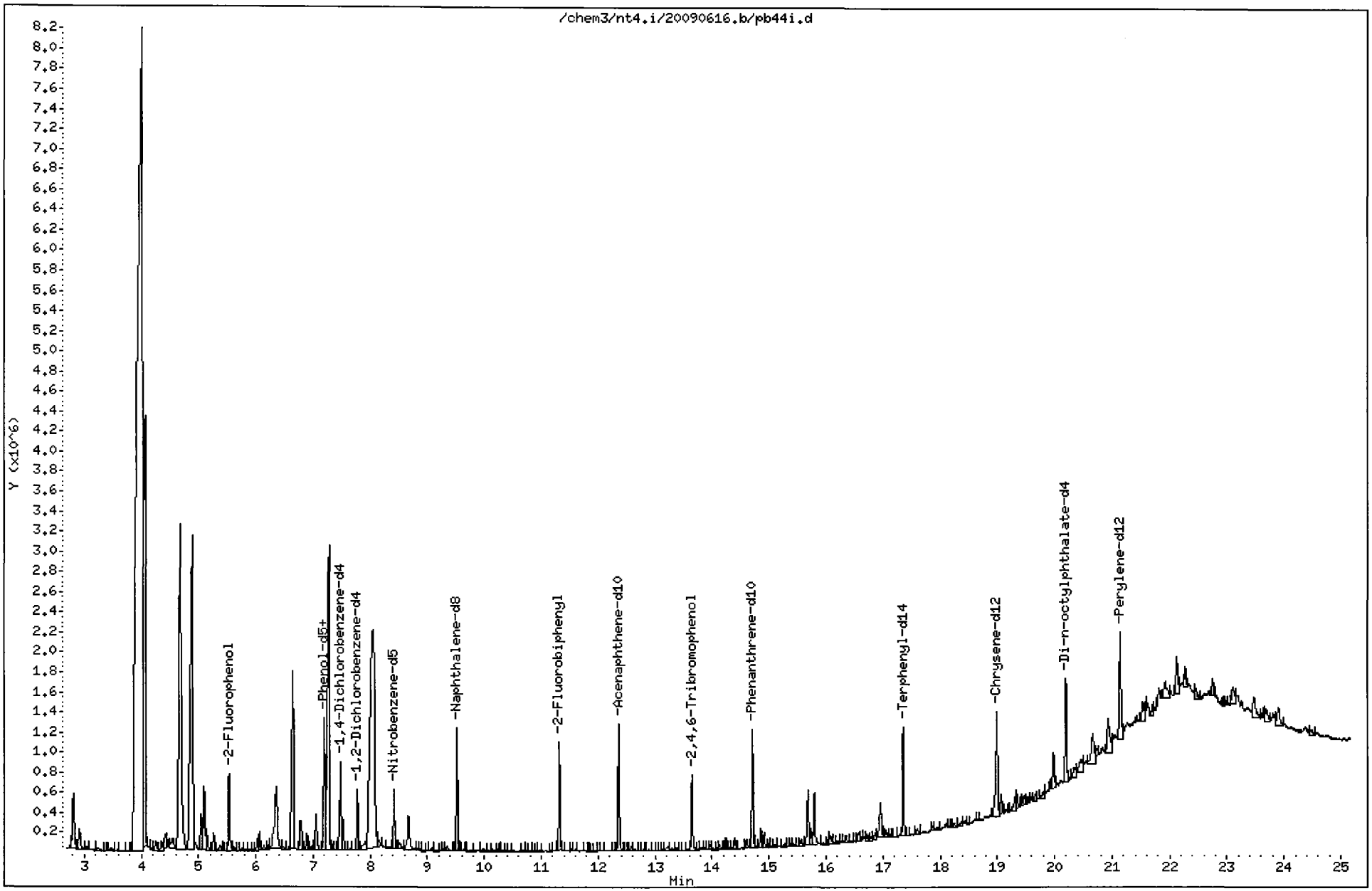
Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44I
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12795

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-C
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	723.8	420.1	58.04	21-100
$ 2 Phenol-d5	723.8	468.9	64.78	10-100
$ 5 2-Chlorophenol-d4	723.8	468.3	64.70	30-100
$ 10 1,2-Dichlorobenzen	482.5	262.0	54.31	24-100
$ 18 Nitrobenzene-d5	482.5	269.8	55.92	26-100
$ 36 2-Fluorobiphenyl	482.5	317.6	65.82	32-100
$ 55 2,4,6-Tribromophen	723.8	611.6	84.50	33-118
$ 66 Terphenyl-d14	482.5	359.5	74.52	21-97

Data File: /chem3/nt4.i/20090616.b/pb44i.d
Date : 16-JUN-2009 19:24
Client ID: 3SED6-C
Sample Info: PB44I
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem3/nt4.i/20090616.b/pb44i.d

Date : 16-JUN-2009 19:24

Client ID: 3SED6-C

Instrument: nt4.i

Sample Info: PB44I

Volume Injected (uL): 1.0

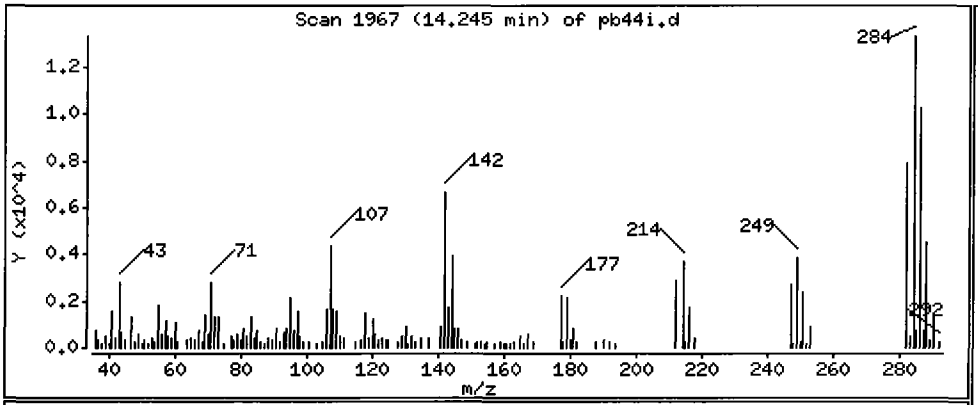
Operator: LJR/VTS

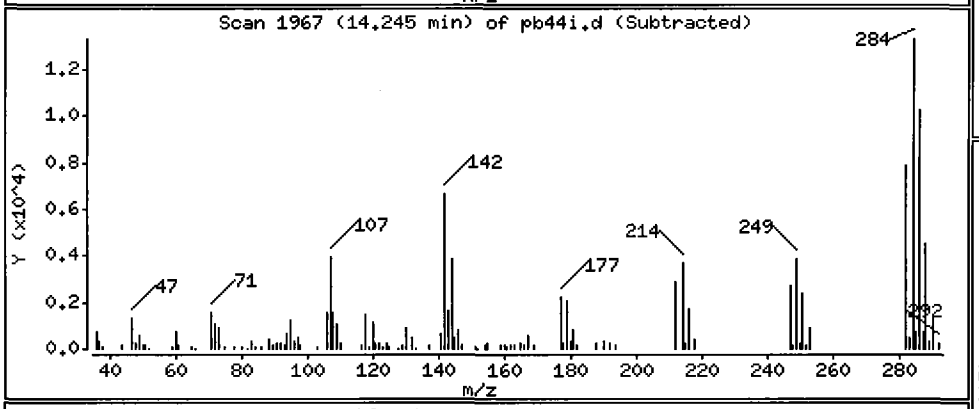
Column phase: ZB-5

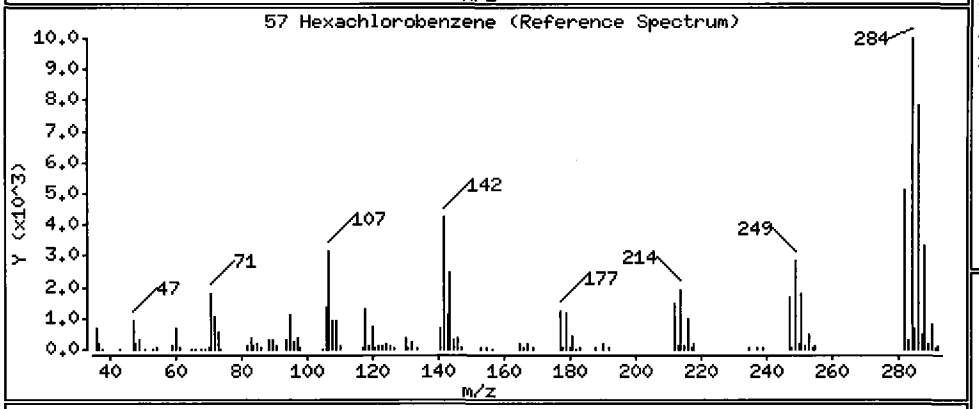
Column diameter: 0.32

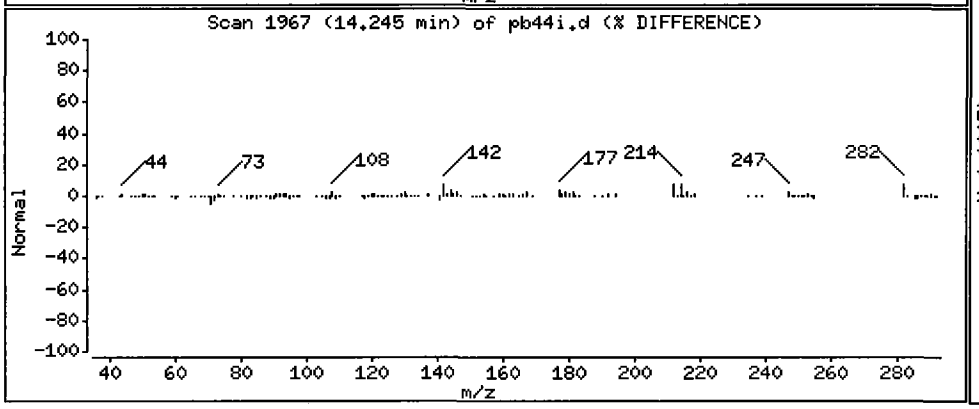
57 Hexachlorobenzene

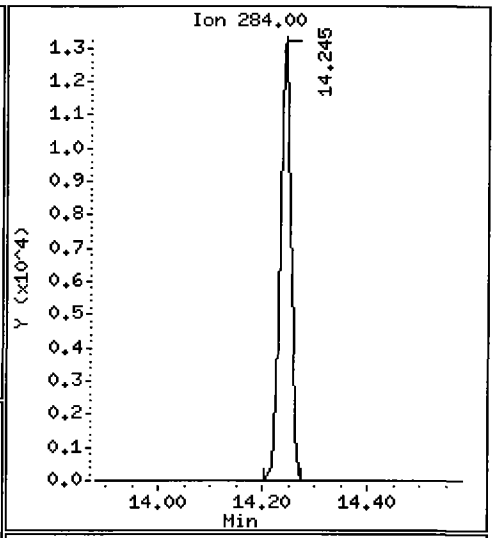
Concentration: 46.63 ug/kg

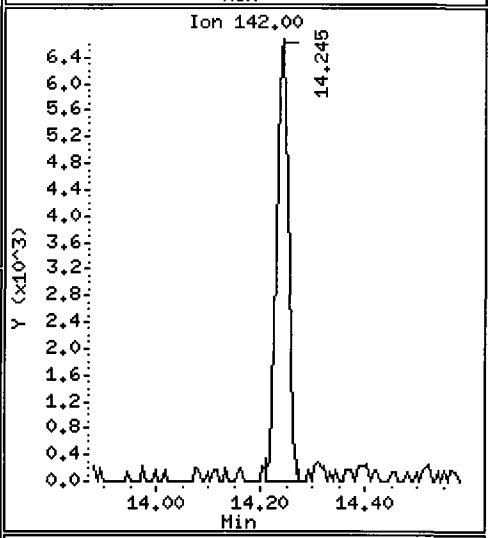


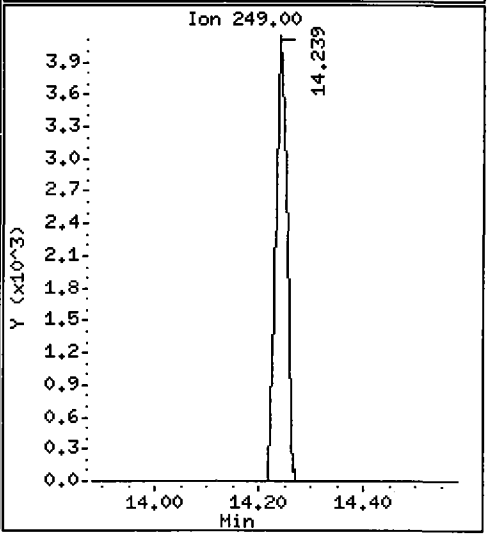












Data File: /chem3/nt4.i/20090616.b/pb44i.d

Date : 16-JUN-2009 19:24

Client ID: 3SED6-C

Instrument: nt4.i

Sample Info: PB44I

Volume Injected (uL): 1.0

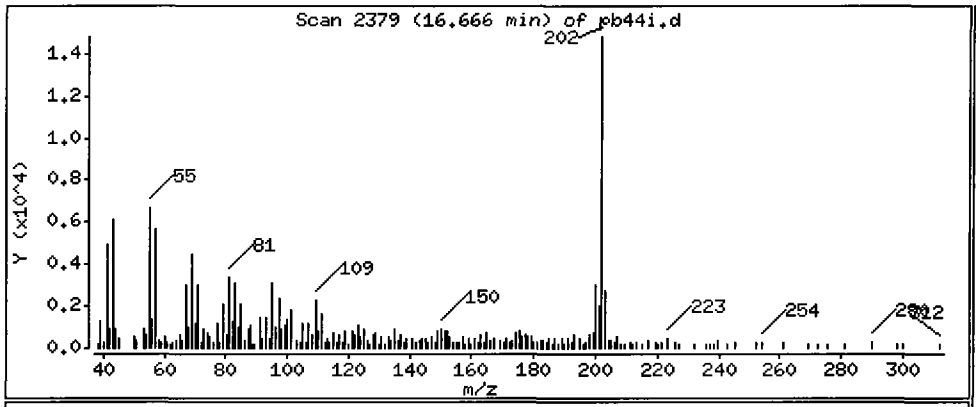
Operator: LJR/VTS

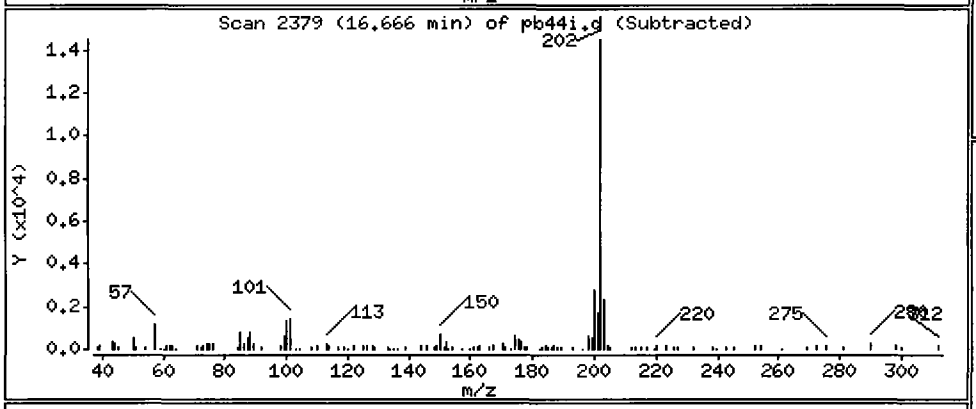
Column phase: ZB-5

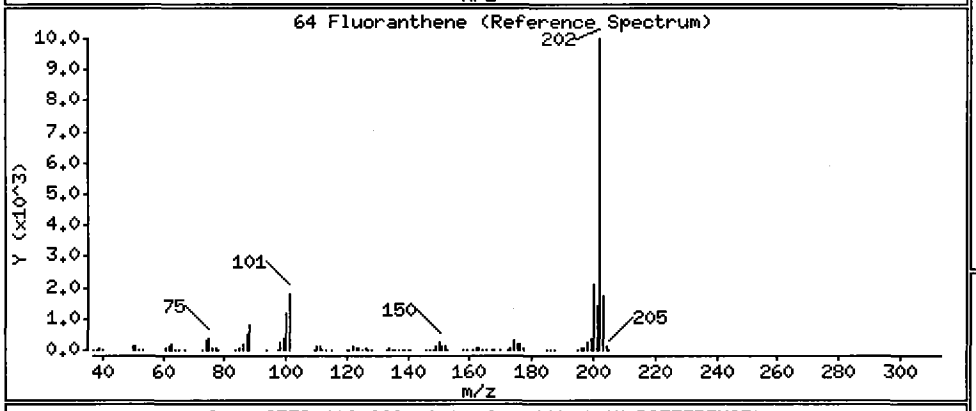
Column diameter: 0.32

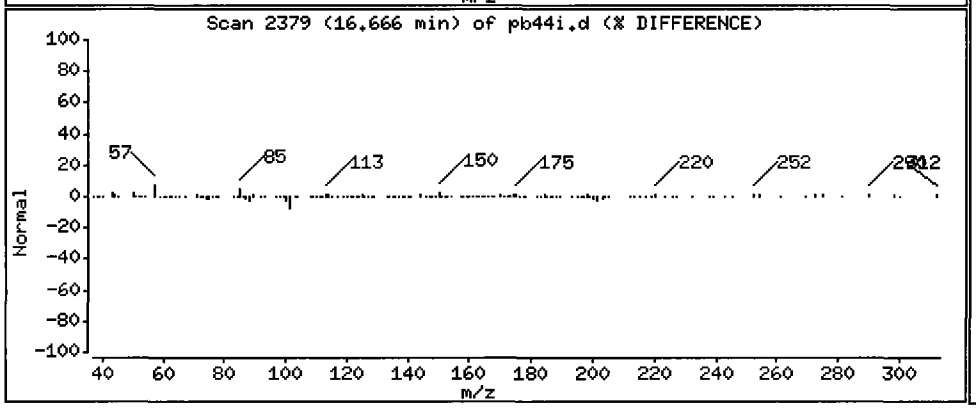
64 Fluoranthene

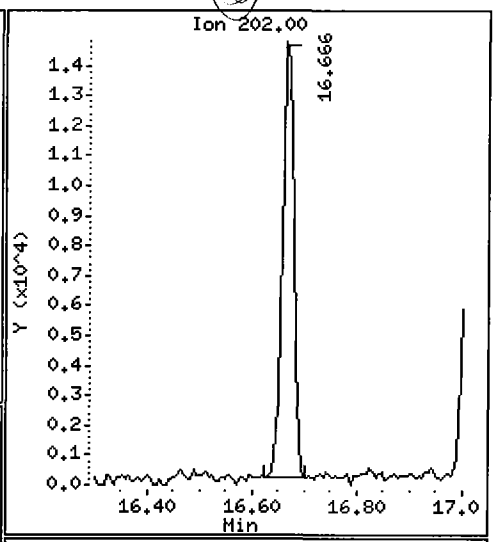
Concentration: 9.949 ug/kg

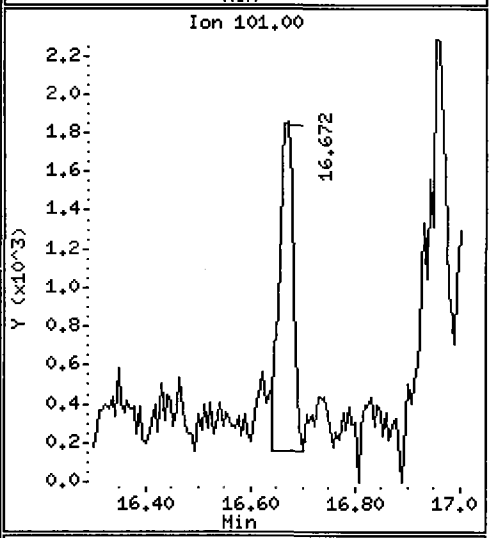


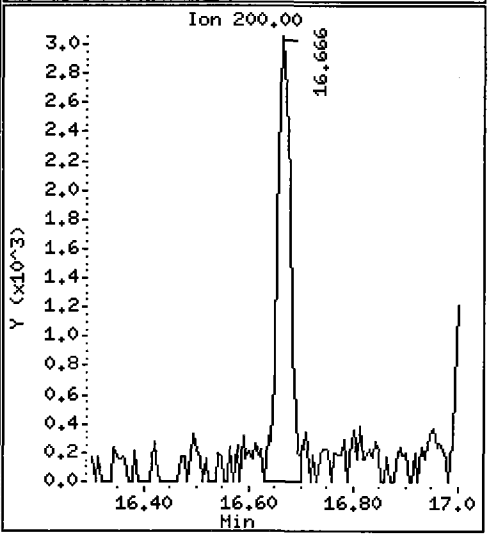












Data File: /chem3/nt4.i/20090616.b/pb44i.d

Date : 16-JUN-2009 19:24

Client ID: 3SED6-C

Instrument: nt4.i

Sample Info: PB44I

Volume Injected (uL): 1.0

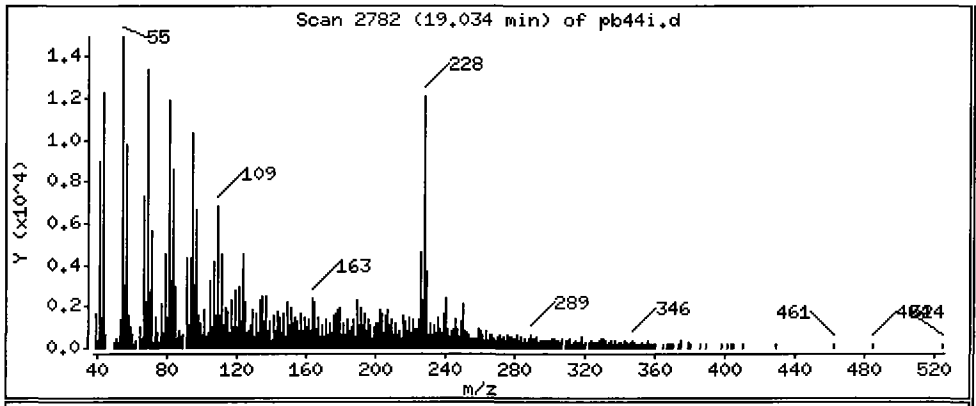
Operator: LJR/VTS

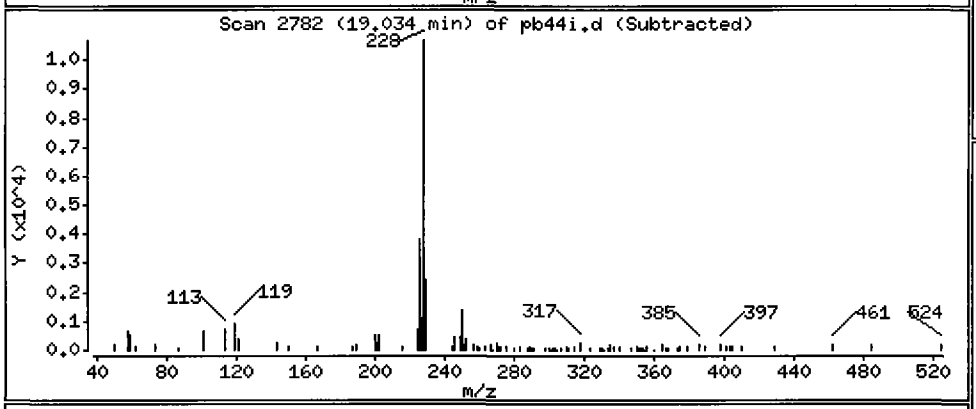
Column phase: ZB-5

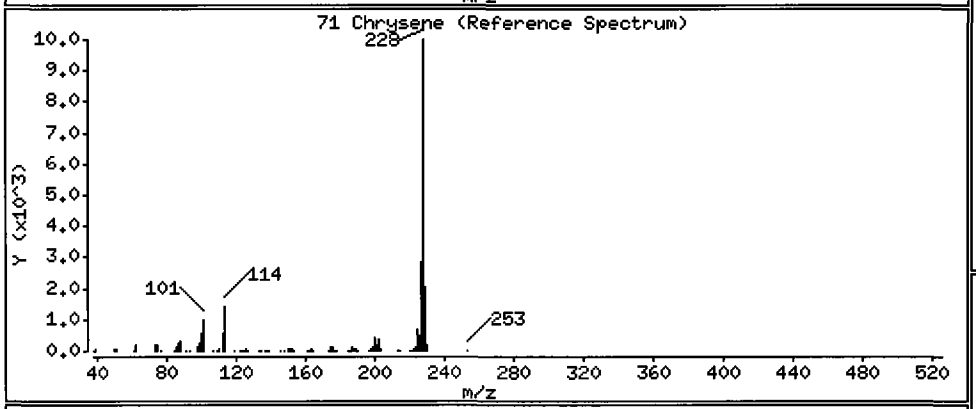
Column diameter: 0.32

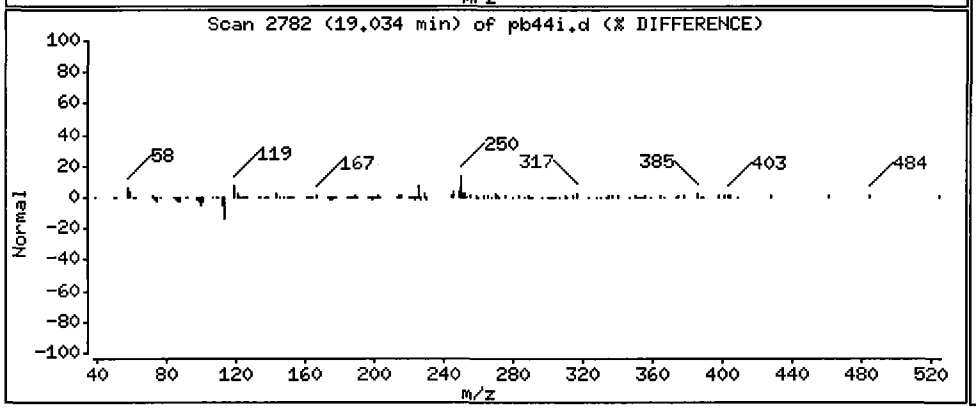
71 Chrysene

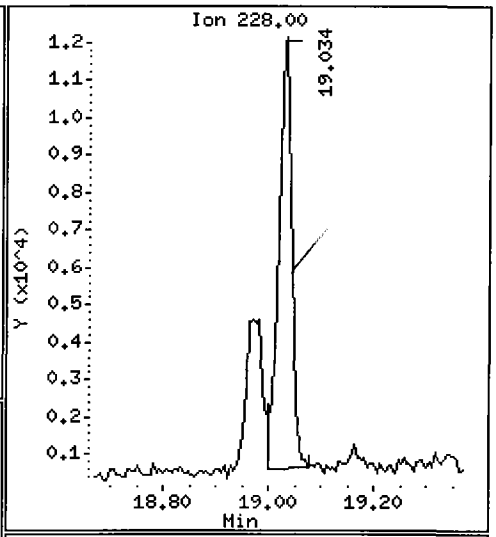
Concentration: 11.00 ug/kg

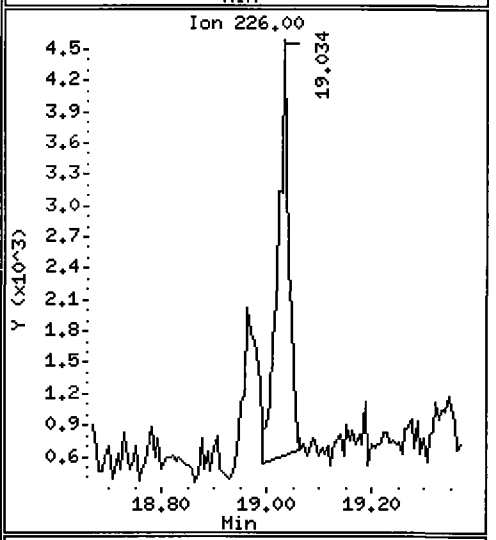


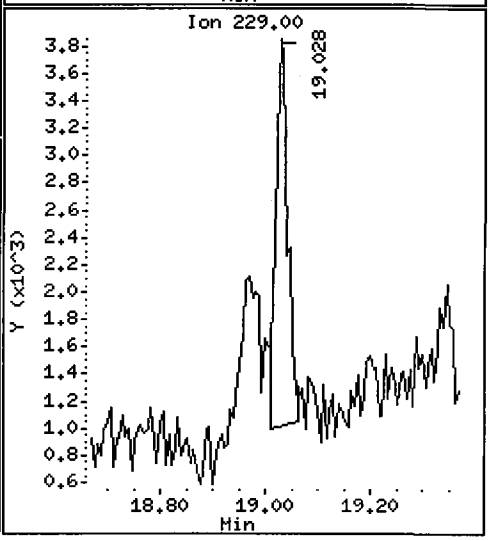












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED7-A
SAMPLE

Lab Sample ID: PB44J
LIMS ID: 09-12796
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 21:08
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 24.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 27.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	62	< 62 U
541-73-1	1,3-Dichlorobenzene	62	< 62 U
106-46-7	1,4-Dichlorobenzene	62	< 62 U
100-51-6	Benzyl Alcohol	62	< 62 U
95-50-1	1,2-Dichlorobenzene	62	< 62 U
95-48-7	2-Methylphenol	62	< 62 U
106-44-5	4-Methylphenol	62	< 62 U
67-72-1	Hexachloroethane	62	< 62 U
105-67-9	2,4-Dimethylphenol	62	< 62 U
65-85-0	Benzoic Acid	620	< 620 U
120-82-1	1,2,4-Trichlorobenzene	62	< 62 U
91-20-3	Naphthalene	62	< 62 U
87-68-3	Hexachlorobutadiene	62	< 62 U
91-57-6	2-Methylnaphthalene	62	< 62 U
131-11-3	Dimethylphthalate	62	< 62 U
208-96-8	Acenaphthylene	62	< 62 U
83-32-9	Acenaphthene	62	< 62 U
132-64-9	Dibenzofuran	62	< 62 U
84-66-2	Diethylphthalate	62	< 62 U
86-73-7	Fluorene	62	< 62 U
86-30-6	N-Nitrosodiphenylamine	62	< 62 U
118-74-1	Hexachlorobenzene	62	< 62 U
87-86-5	Pentachlorophenol	310	< 310 U
85-01-8	**Phenanthrene**	**62**	**100**
120-12-7	Anthracene	62	< 62 U
84-74-2	Di-n-Butylphthalate	62	< 62 U
206-44-0	**Fluoranthene**	**62**	**98**
129-00-0	**Pyrene**	**62**	**71**
85-68-7	Butylbenzylphthalate	62	< 62 U
56-55-3	Benzo(a)anthracene	62	< 62 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**62**	**98**
218-01-9	**Chrysene**	**62**	**70**
117-84-0	Di-n-Octyl phthalate	62	< 62 U
205-99-2	**Benzo(b)fluoranthene**	**62**	**36 J**
207-08-9	**Benzo(k)fluoranthene**	**62**	**36 J**
50-32-8	Benzo(a)pyrene	62	< 62 U
193-39-5	Indeno(1,2,3-cd)pyrene	62	< 62 U
53-70-3	Dibenz(a,h)anthracene	62	< 62 U
191-24-2	**Benzo(g,h,i)perylene**	**62**	**46 J**
90-12-0	1-Methylnaphthalene	62	< 62 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	64.8%	2-Fluorobiphenyl	71.0%
d14-p-Terphenyl	69.5%	d4-1,2-Dichlorobenzene	55.1%
d5-Phenol	60.3%	2-Fluorophenol	59.8%
2,4,6-Tribromophenol	86.4%	d4-2-Chlorophenol	62.6%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44j.d
Lab Smp Id: PB44J Client Smp ID: 3SED7-A
Inj Date : 16-JUN-2009 21:08
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44J,3
Misc Info : 09-12796
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 15
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	33.30000	Weight of sample extracted (g)
M	27.30000	% Moisture

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1	2-Fluorophenol	112	5.519	5.475	(0.738)	105541	7.46718	462.7
$	2	Phenol-d5	99	7.147	7.091	(0.956)	145078	7.53794	467.1
	3	Phenol	94	Compound Not Detected.					
$	5	2-Chlorophenol-d4	132	7.194	7.167	(0.962)	93057	7.82872	485.1
	4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6	2-Chlorophenol	128	Compound Not Detected.					
	7	1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8	1,4-Dichlorobenzene-d4	152	7.476	7.461	(1.000)	184471	20.0000	
	9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10	1,2-Dichlorobenzene-d4	152	7.769	7.761	(1.039)	39830	4.58964	284.4
	12	1,2-Dichlorobenzene	146	Compound Not Detected.					
	11	Benzyl alcohol	108	Compound Not Detected.					
	14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.410	8.401	(0.884)	97161	5.40336	334.8
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.514	9.506	(1.000)	633674	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.312	11.309	(0.915)	168191	5.91866	366.7
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.358	12.344	(1.000)	374900	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.645	13.636	(1.104)	37558	10.8441	671.9
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.556	14.535	(0.989)	4337	0.87368 LDL	54.13
*	59 Phenanthrene-d10	188	14.714	14.694	(1.000)	650803	20.0000	
	60 Phenanthrene	178	14.744	14.735	(1.002)	70542	1.69838	105.2
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	16.665	16.650	(1.133)	65273	1.58480	98.19
65	Pyrene	202	17.017	16.997	(0.895)	55572	1.14914	71.20
$ 66	Terphenyl-d14	244	17.358	17.338	(0.913)	167151	5.79163	358.9
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	19.003	18.977	(1.000)	561693	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.033	19.018	(1.002)	42963	1.13311	70.21
72	bis(2-Ethylhexyl)phthalate	149	19.274	19.247	(0.954)	48864	1.58497	98.21
* 134	Di-n-octylphthalate-d4	153	20.208	20.181	(1.000)	953244	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	20.631	20.593	(0.975)	50102	1.20069 >T	74.39(M) 0.590
75	Benzo(k)fluoranthene	252	20.631	20.628	(0.975)	50102	1.16027	71.89(M) 0.590
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	21.160	21.110	(1.000)	597177	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	22.881	22.802	(1.081)	31766	0.75051 J DL	46.50
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44j.d
Lab Smp Id: PB44J
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12796

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED7-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	184471	2.13
27 Naphthalene-d8	633172	316586	1266344	633674	0.08
42 Acenaphthene-d10	336916	168458	673832	374900	11.27
59 Phenanthrene-d10	514258	257129	1028516	650803	26.55
69 Chrysene-d12	376875	188438	753750	561693	49.04
134 Di-n-octylphthala	640574	320287	1281148	953244	48.81
77 Perylene-d12	383864	191932	767728	597177	55.57

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.48	0.20
27 Naphthalene-d8	9.51	9.01	10.01	9.51	0.09
42 Acenaphthene-d10	12.34	11.84	12.84	12.36	0.12
59 Phenanthrene-d10	14.69	14.19	15.19	14.71	0.14
69 Chrysene-d12	18.98	18.48	19.48	19.00	0.14
134 Di-n-octylphthala	20.18	19.68	20.68	20.21	0.13
77 Perylene-d12	21.11	20.61	21.61	21.16	0.24

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44J
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12796

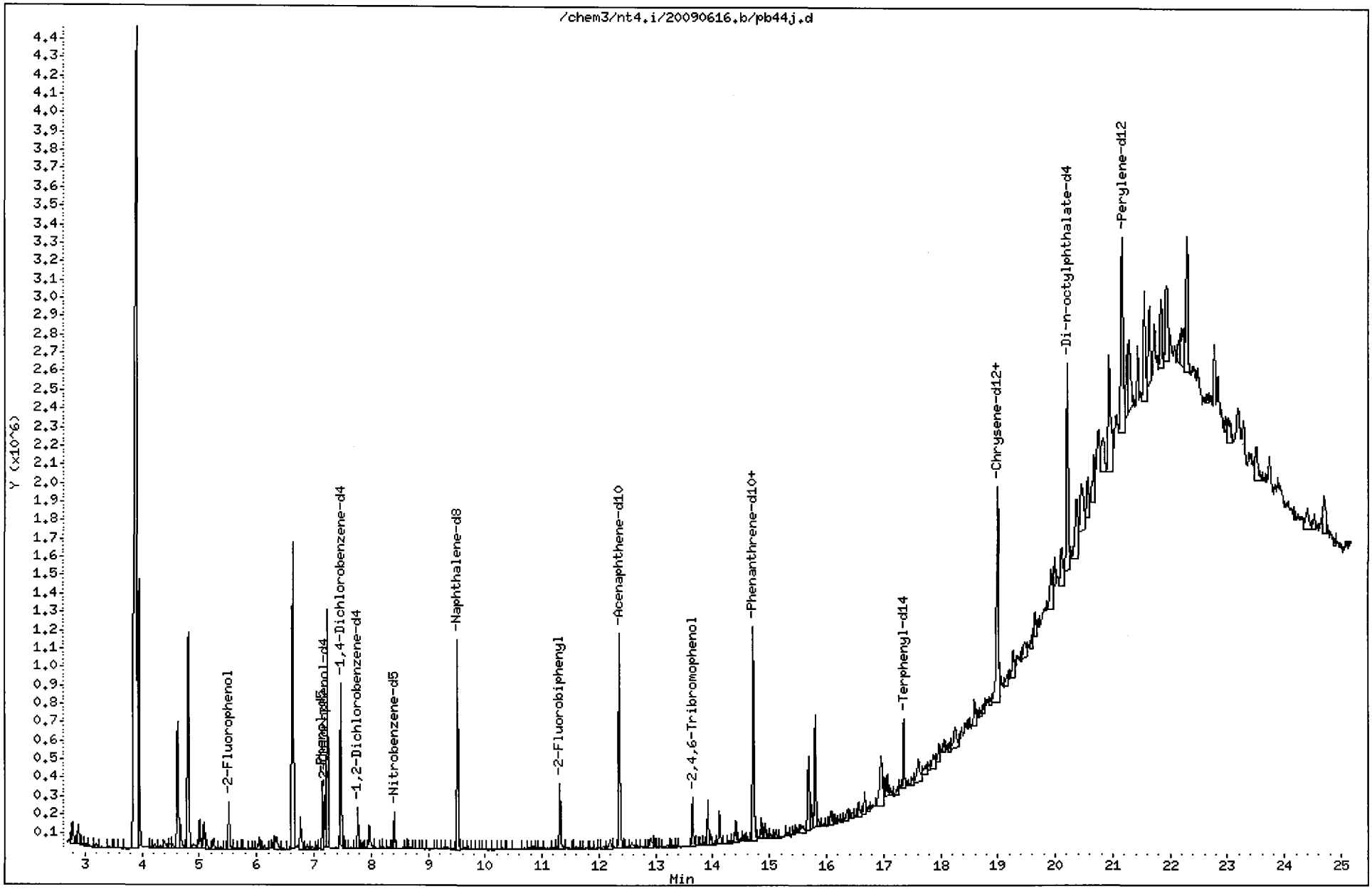
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED7-A
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	774.5	462.7	59.74	21-100
$ 2 Phenol-d5	774.5	467.1	60.30	10-100
$ 5 2-Chlorophenol-d4	774.5	485.1	62.63	30-100
$ 10 1,2-Dichlorobenzen	516.3	284.4	55.08	24-100
$ 18 Nitrobenzene-d5	516.3	334.8	64.84	26-100
$ 36 2-Fluorobiphenyl	516.3	366.7	71.02	32-100
$ 55 2,4,6-Tribromophen	774.5	671.9	86.75	33-118
$ 66 Terphenyl-d14	516.3	358.9	69.50	21-97

Data File: /chem3/nt4.i/20090616.b/pb44j.d
Date : 16-JUN-2009 21:08
Client ID: 3SED7-A
Sample Info: PB44J,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: LJR/VTS
Column diameter: 0.32

PB44J:66289



Data File: /chem3/nt4.i/20090616.b/pb44j.d

Date : 16-JUN-2009 21:08

Client ID: 3SED7-A

Instrument: nt4.i

Sample Info: PB44J,3

Volume Injected (uL): 1.0

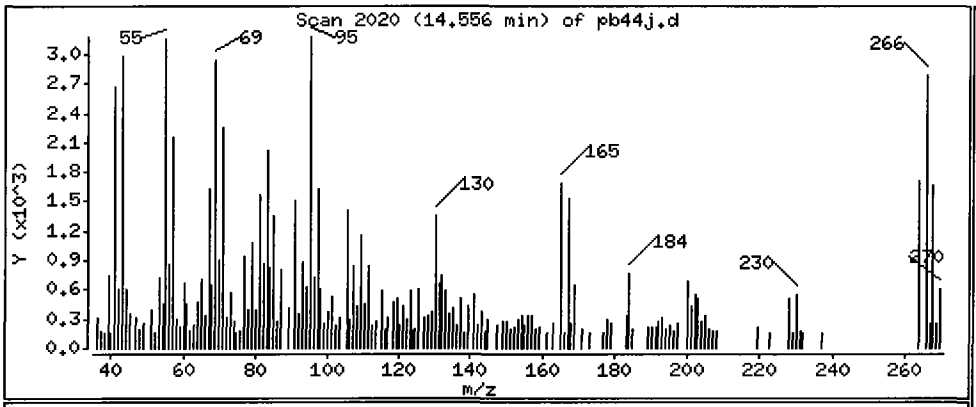
Operator: LJR/VTS

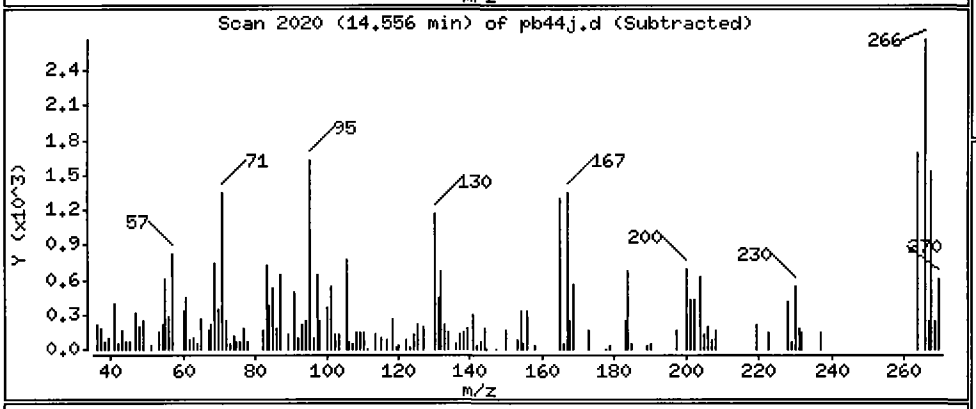
Column phase: ZB-5

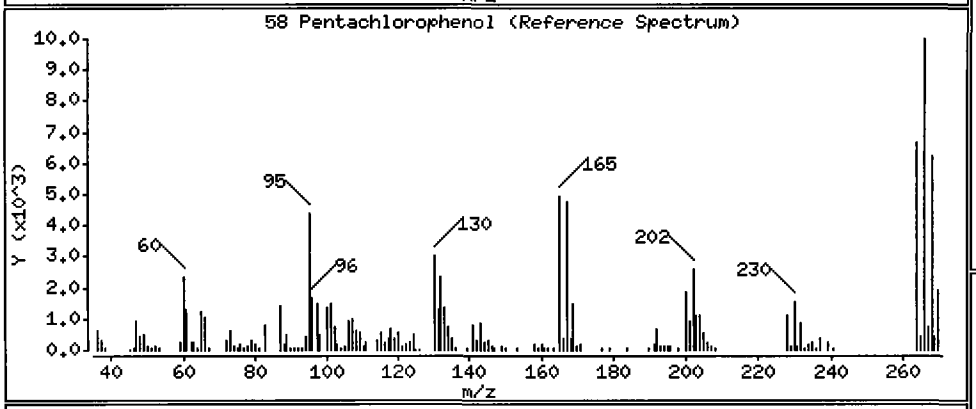
Column diameter: 0.32

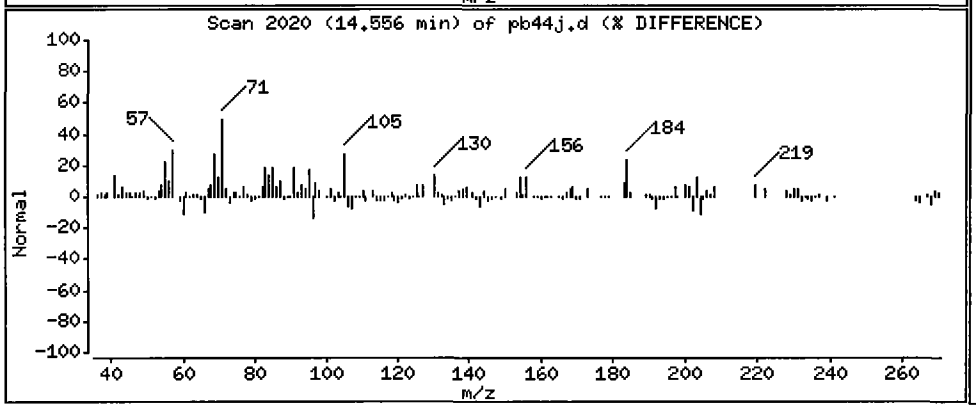
58 Pentachlorophenol

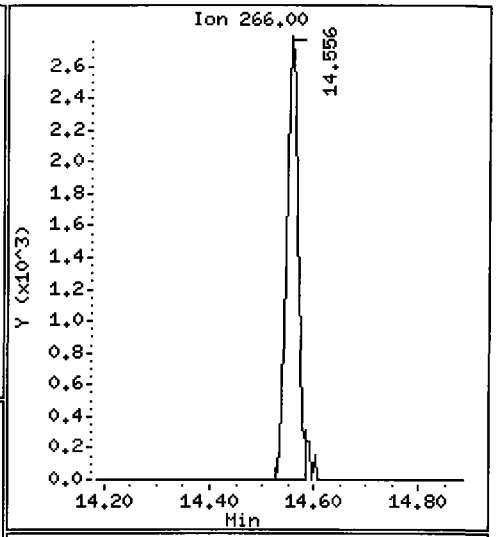
Concentration: 54.13 ug/kg

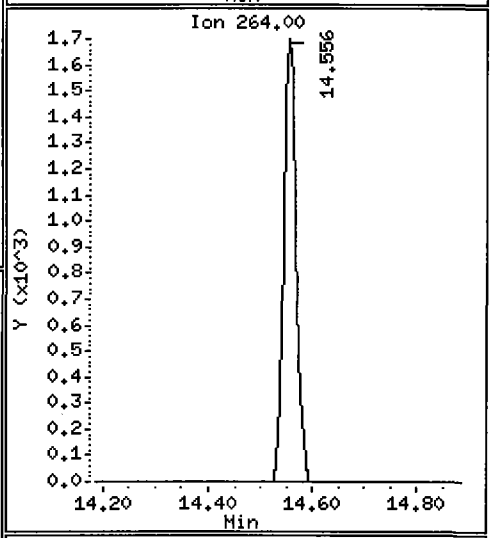


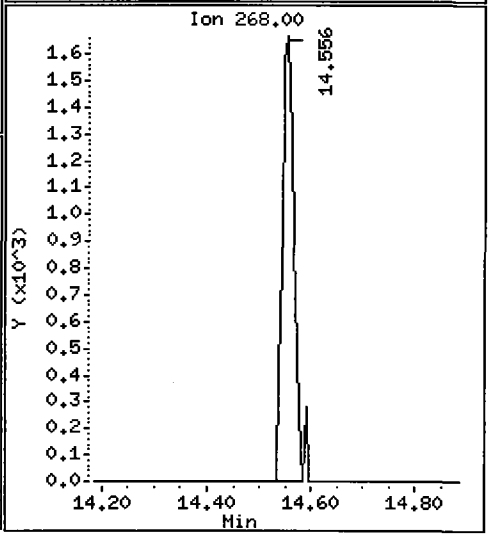












Data File: /chem3/nt4.i/20090616.b/pb44j.d

Date : 16-JUN-2009 21:08

Client ID: 3SED7-A

Instrument: nt4.i

Sample Info: PB44J,3

Volume Injected (uL): 1.0

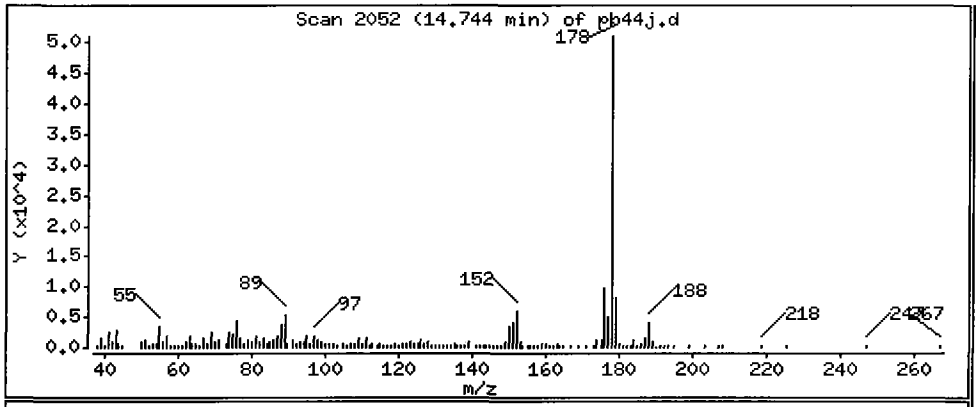
Operator: LJR/VTS

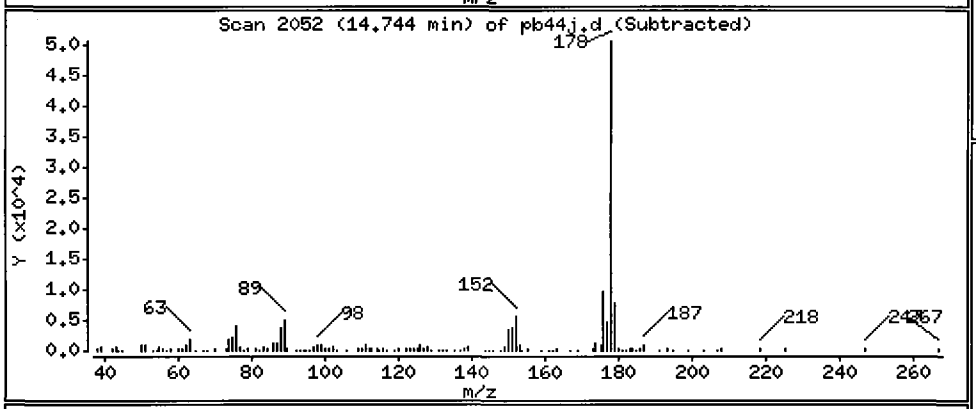
Column phase: ZB-5

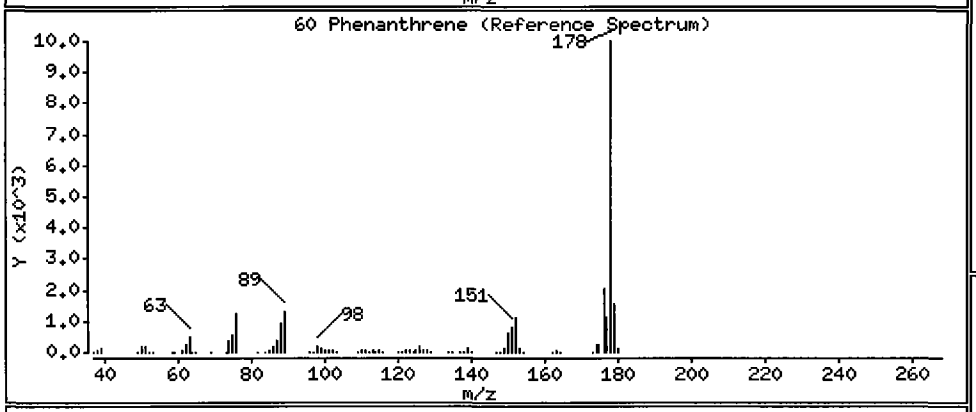
Column diameter: 0.32

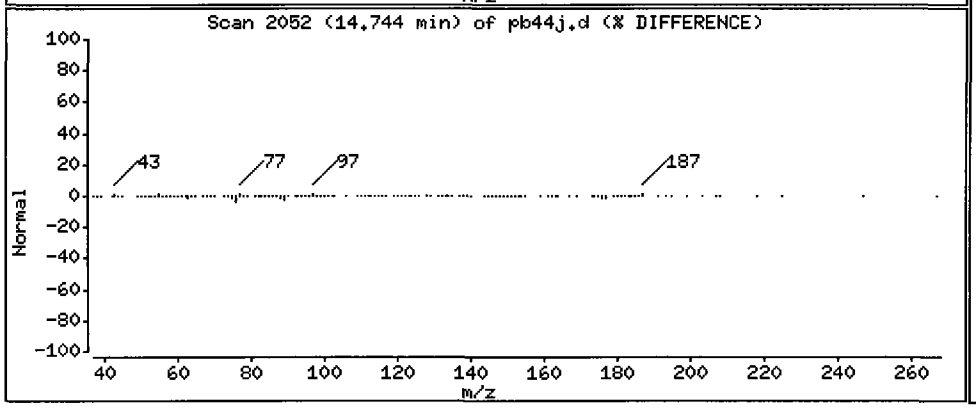
60 Phenanthrene

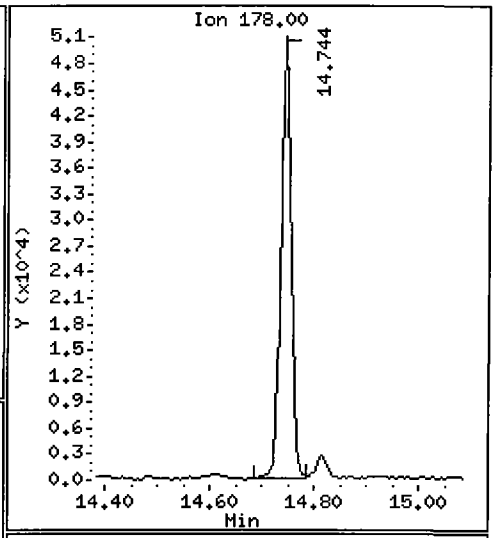
Concentration: 105.2 ug/kg

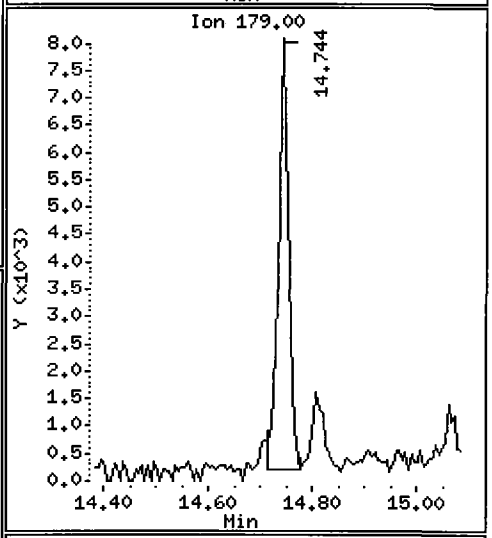


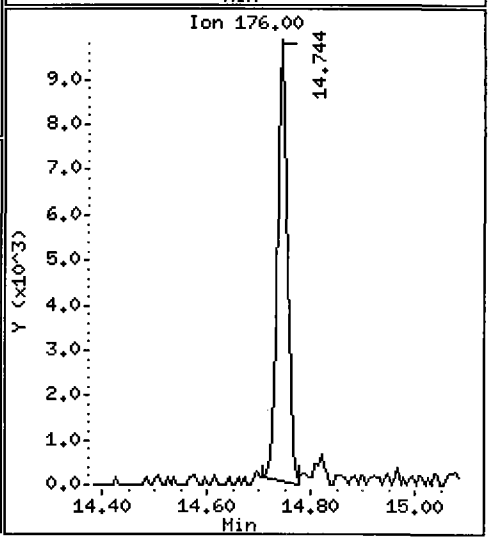












Data File: /chem3/nt4.i/20090616.b/pb44j.d

Date : 16-JUN-2009 21:08

Client ID: 3SED7-A

Instrument: nt4.i

Sample Info: PB44J,3

Volume Injected (uL): 1.0

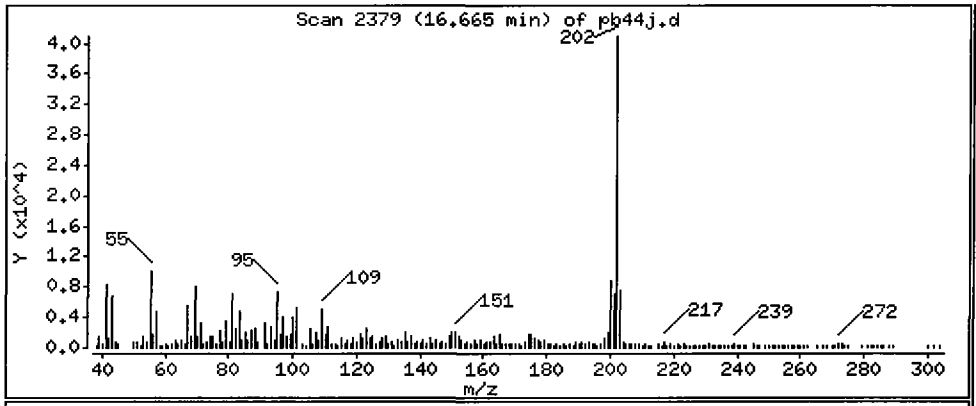
Operator: LJR/VTS

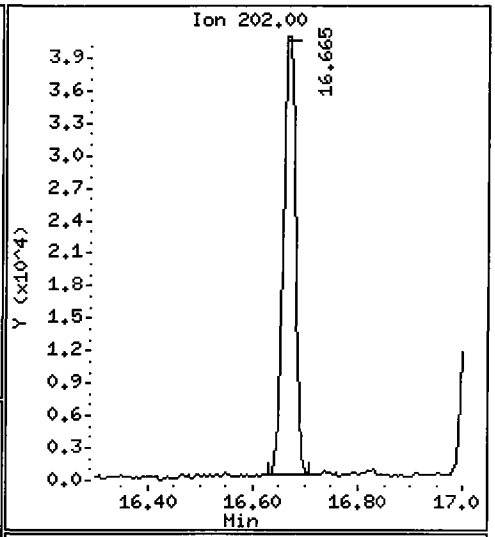
Column phase: ZB-5

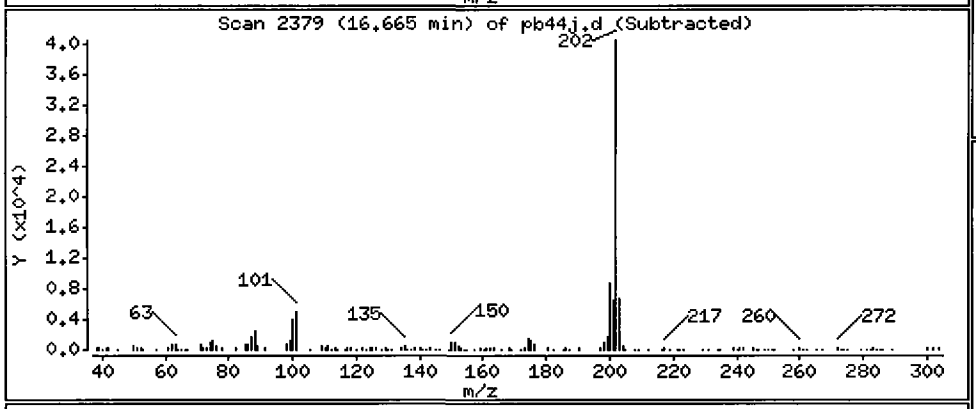
Column diameter: 0.32

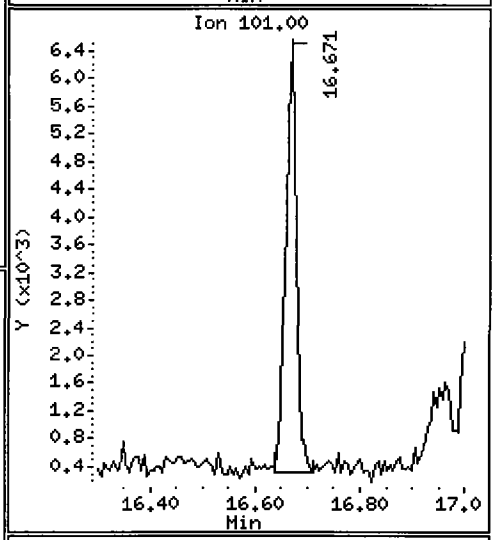
64 Fluoranthene

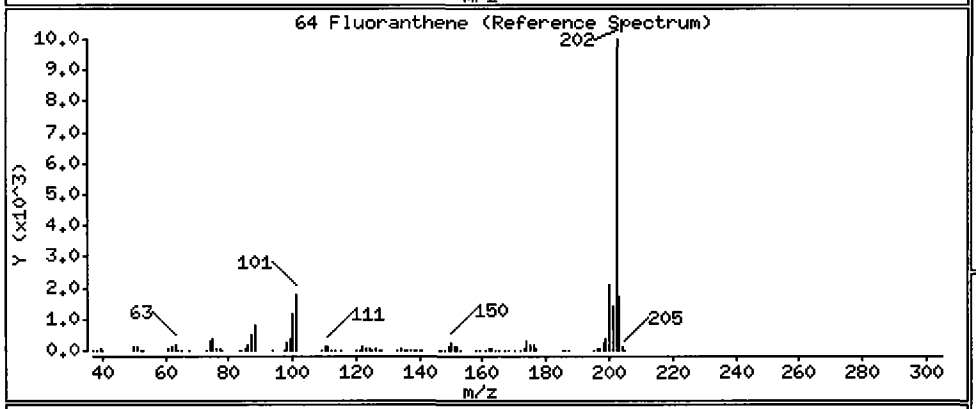
Concentration: 98.19 ug/kg

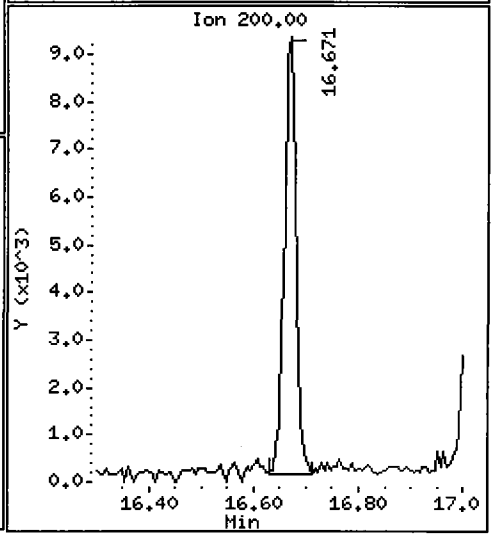


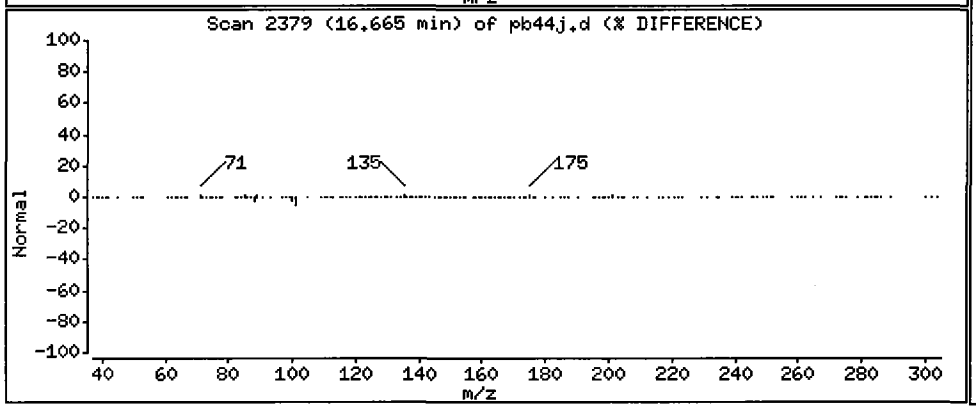












Data File: /chem3/nt4.i/20090616.b/pb44j.d

Date : 16-JUN-2009 21:08

Client ID: 3SED7-A

Instrument: nt4.i

Sample Info: PB44J,3

Volume Injected (uL): 1.0

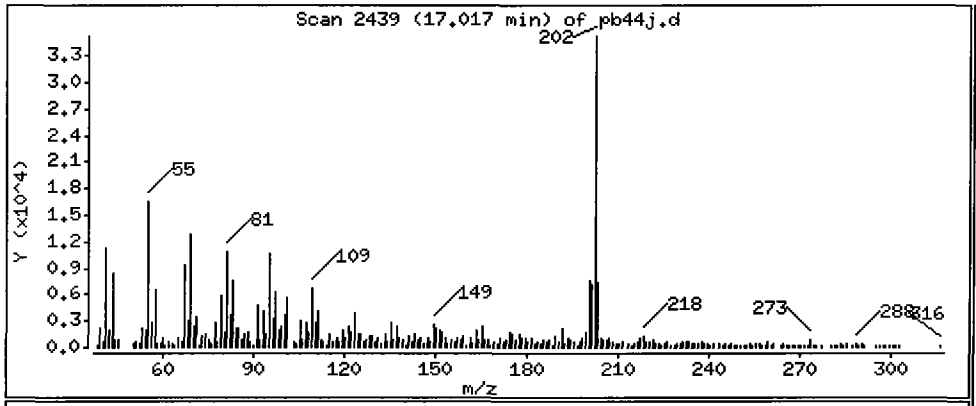
Operator: LJR/VTS

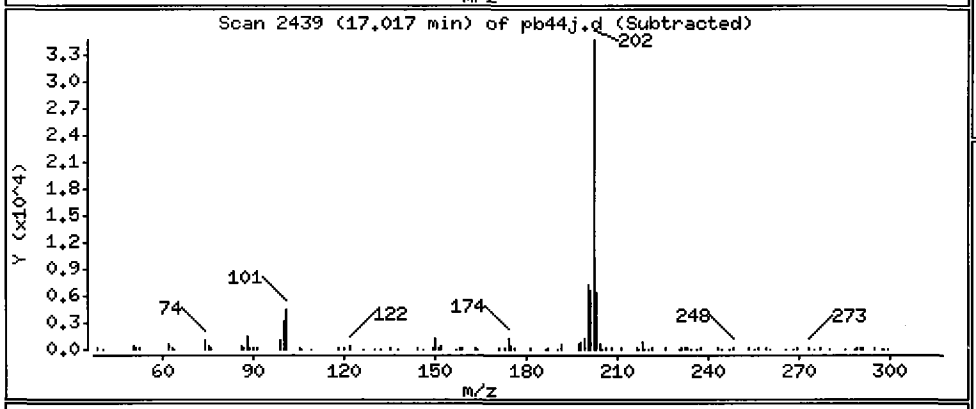
Column phase: ZB-5

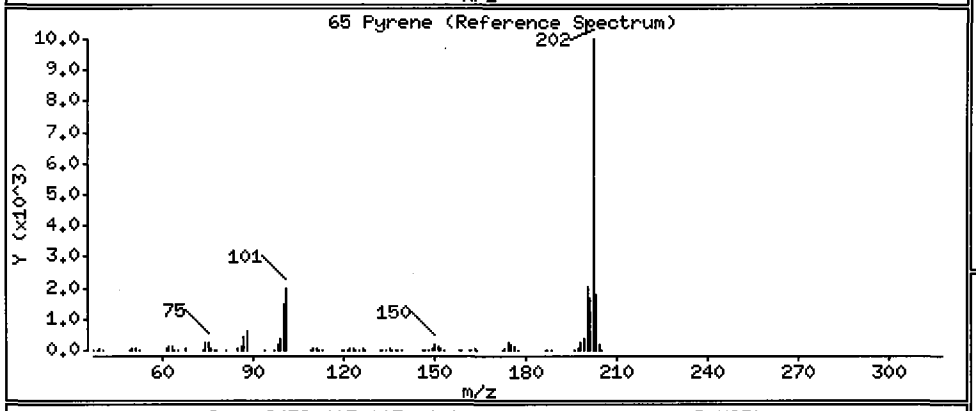
Column diameter: 0.32

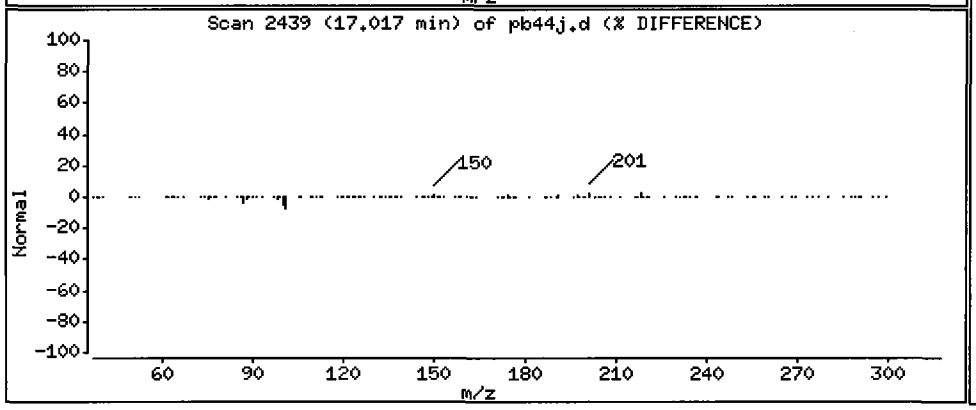
65 Pyrene

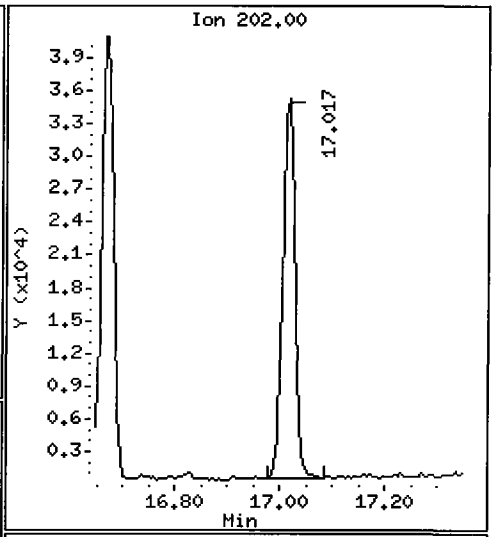
Concentration: 71.20 ug/kg

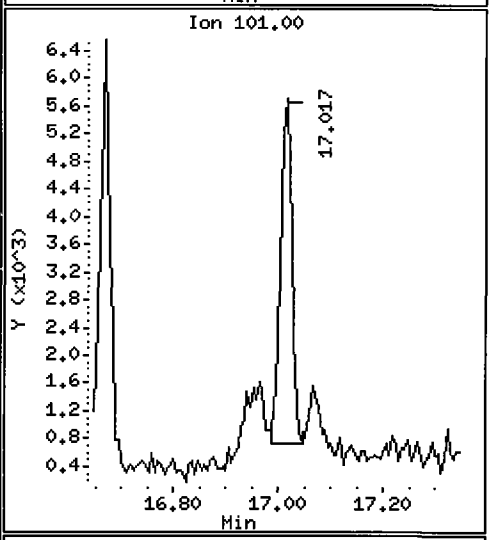


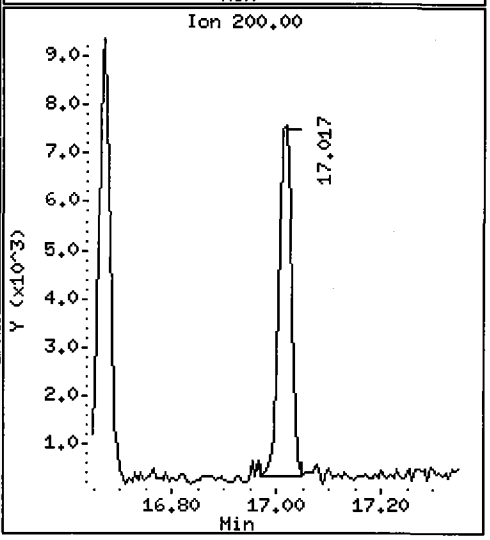












Data File: /chem3/nt4.i/20090616.b/pb44j.d

Date : 16-JUN-2009 21:08

Client ID: 3SED7-A

Instrument: nt4.i

Sample Info: PB44J,3

Volume Injected (uL): 1.0

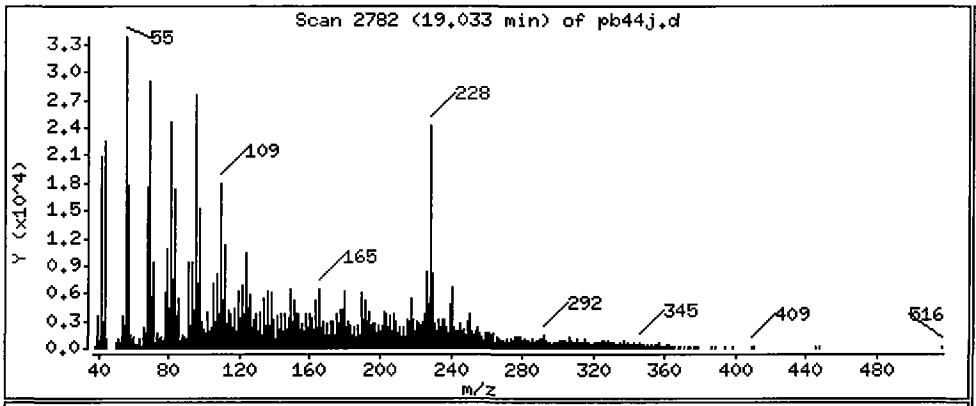
Operator: LJR/VTS

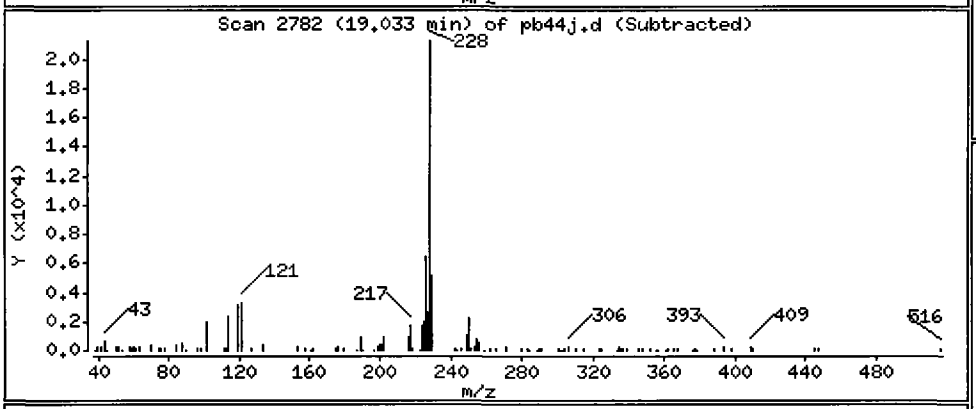
Column phase: ZB-5

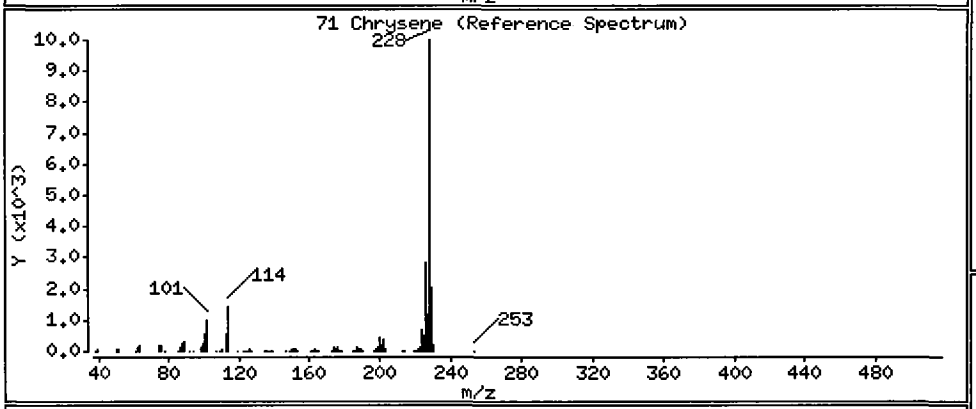
Column diameter: 0.32

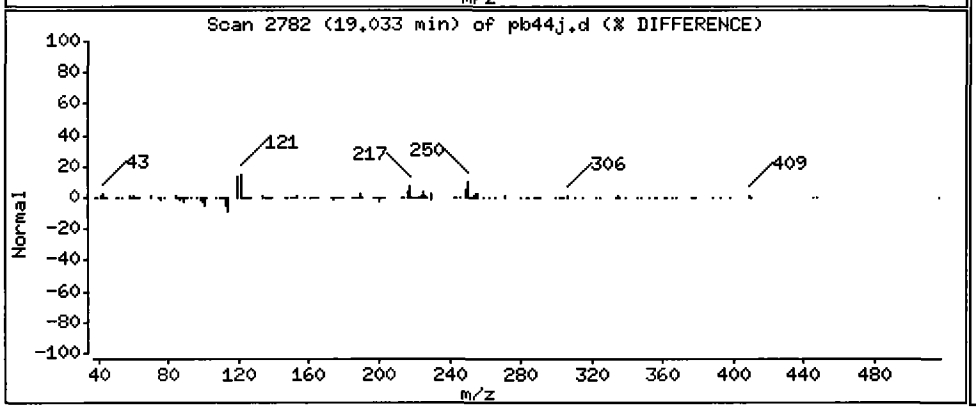
71 Chrysene

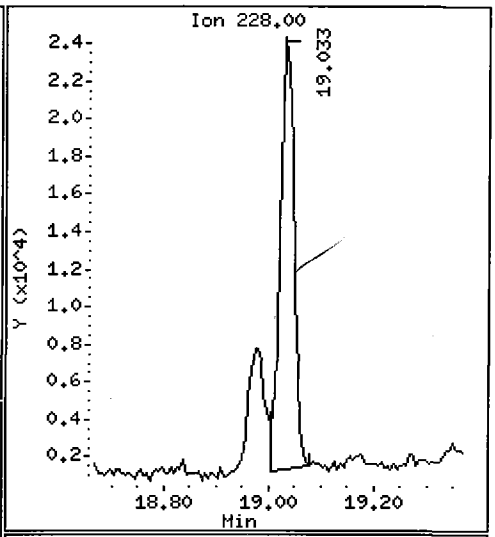
Concentration: 70.21 ug/kg

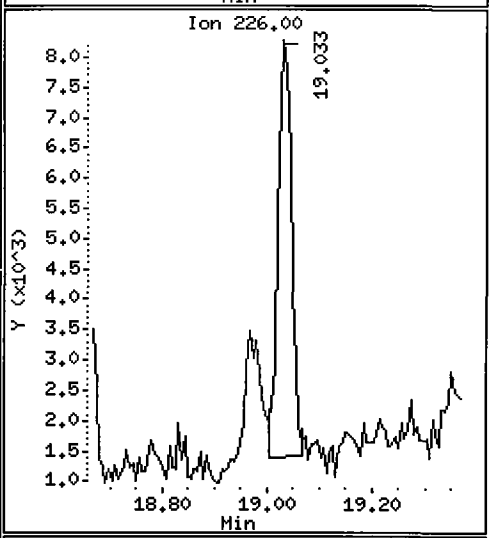


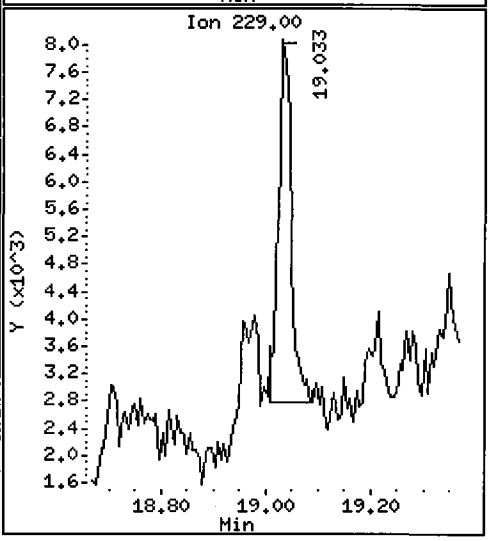












Data File: /chem3/nt4.i/20090616.b/pb44j.d

Date : 16-JUN-2009 21:08

Client ID: 3SED7-A

Instrument: nt4.i

Sample Info: PB44J,3

Volume Injected (uL): 1.0

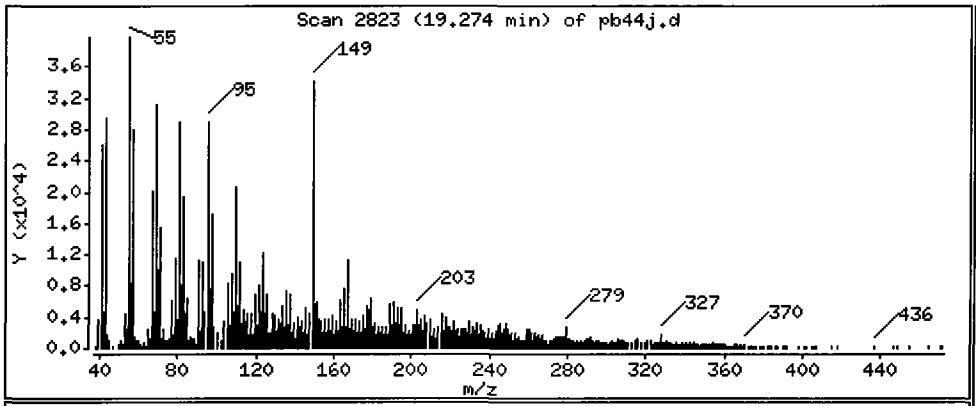
Operator: LJR/VTS

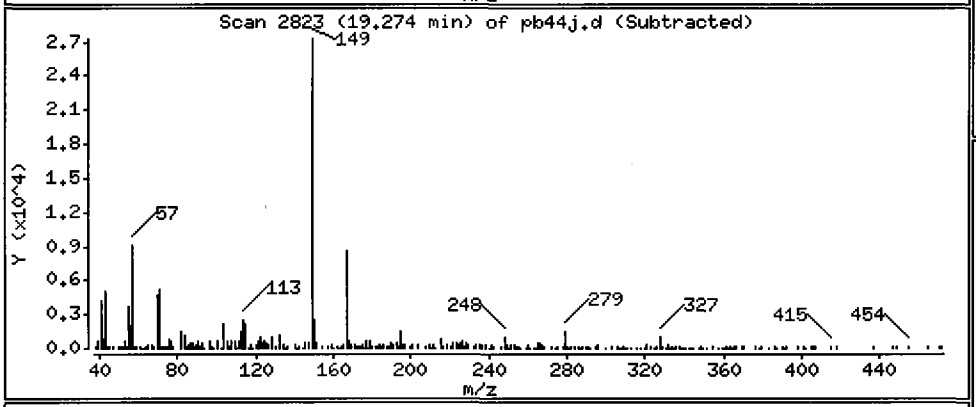
Column phase: ZB-5

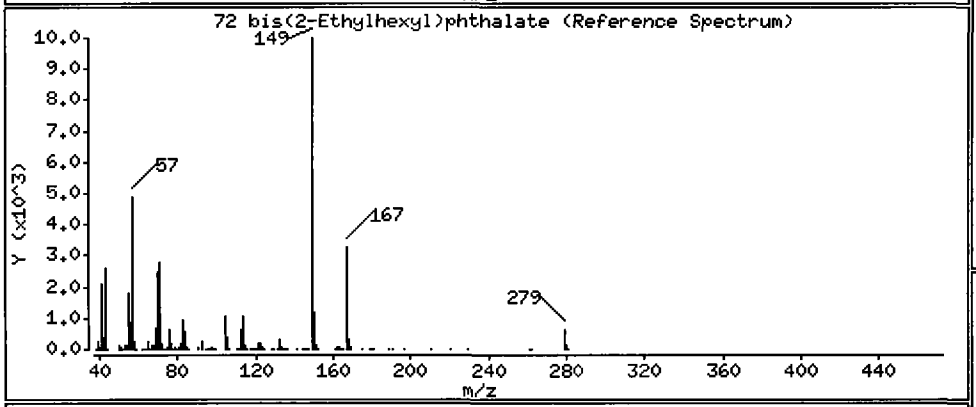
Column diameter: 0.32

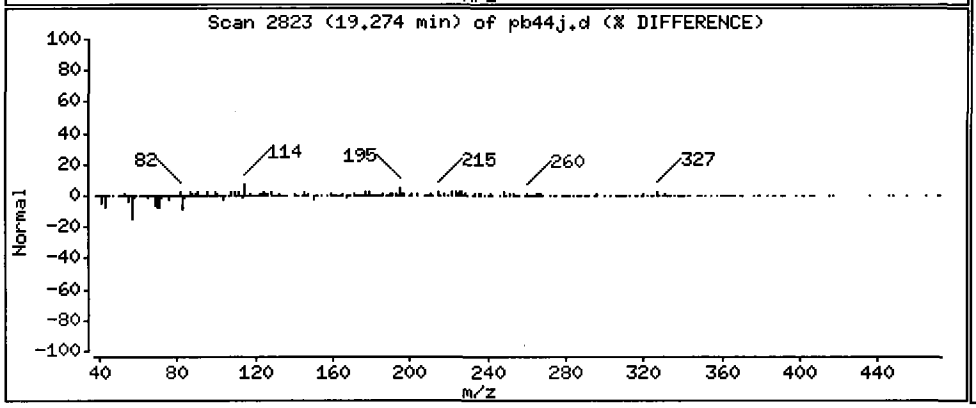
72 bis(2-Ethylhexyl)phthalate

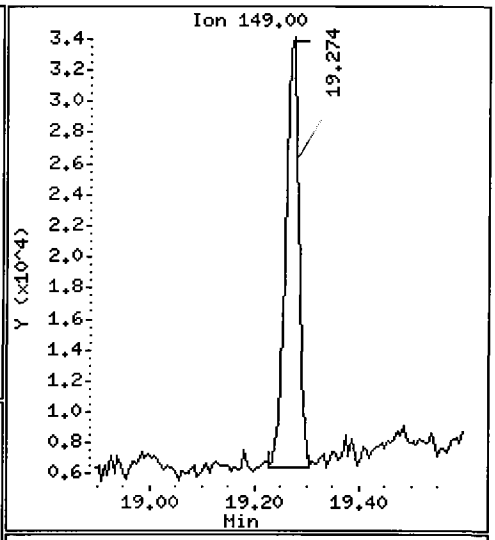
Concentration: 98.21 ug/kg

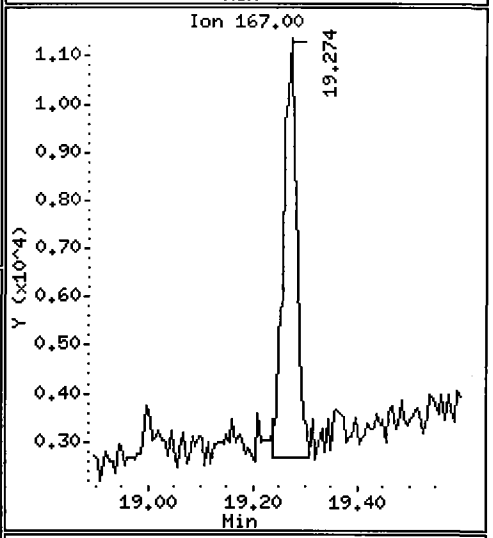


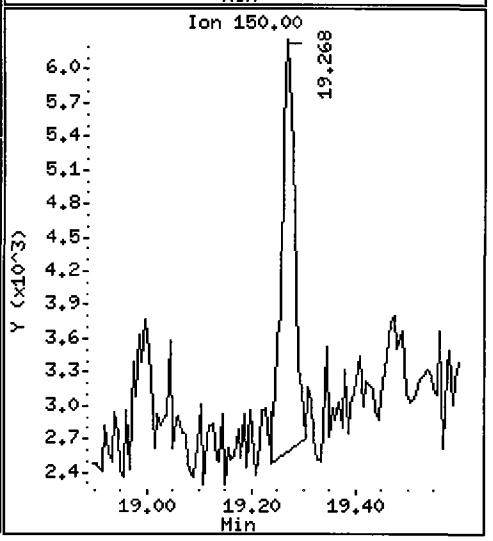












Data File: /chem3/nt4.i/20090616.b/pb44j.d

Date : 16-JUN-2009 21:08

Client ID: 3SED7-A

Instrument: nt4.i

Sample Info: PB44J,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

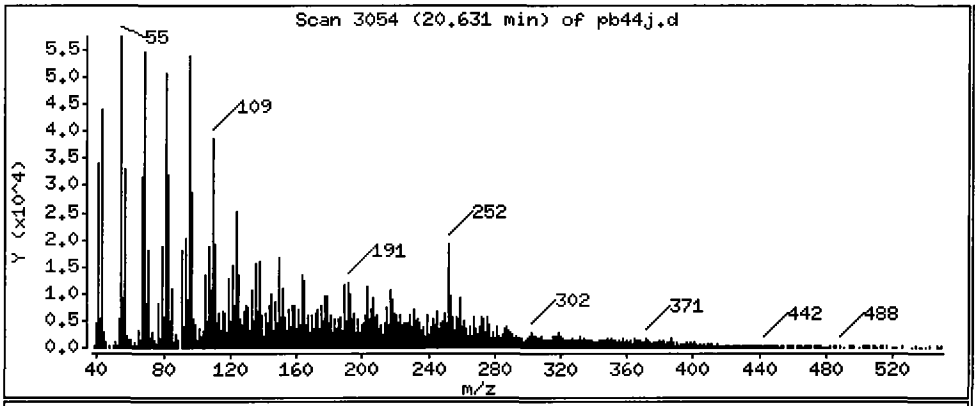
Column phase: ZB-5

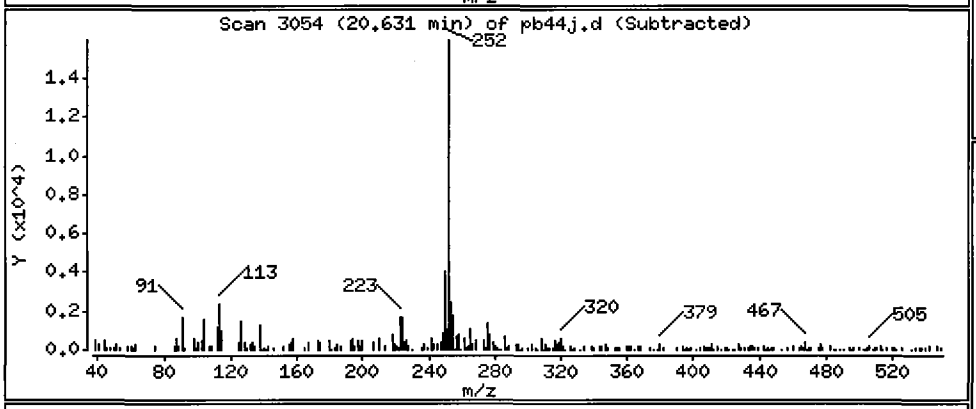
Column diameter: 0.32

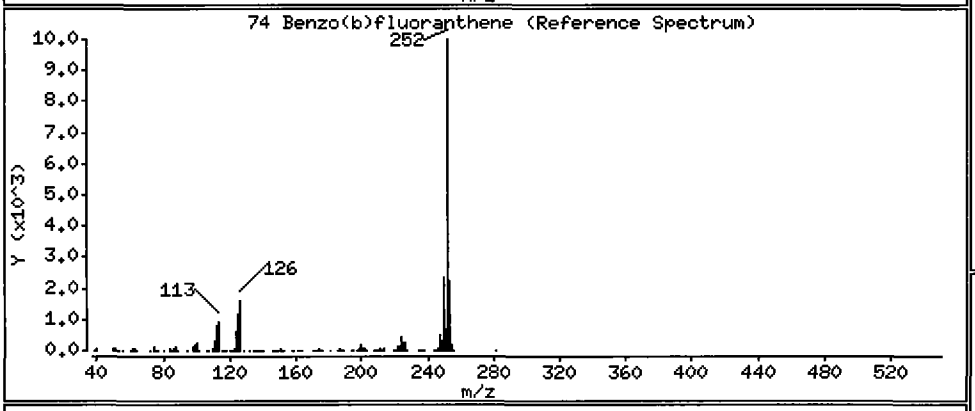
1/2 @ CRL

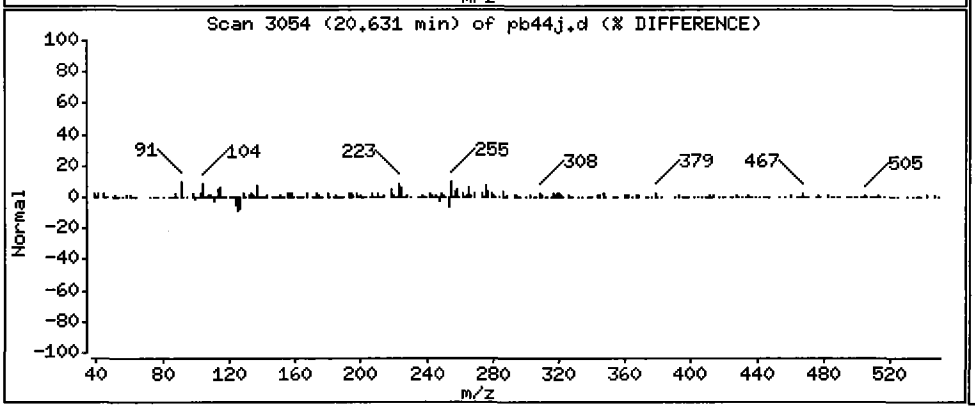
74 Benzo(b)fluoranthene

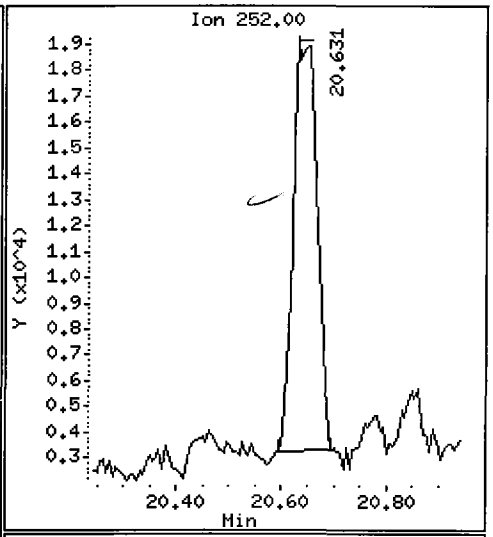
Concentration: 74.39 ug/kg

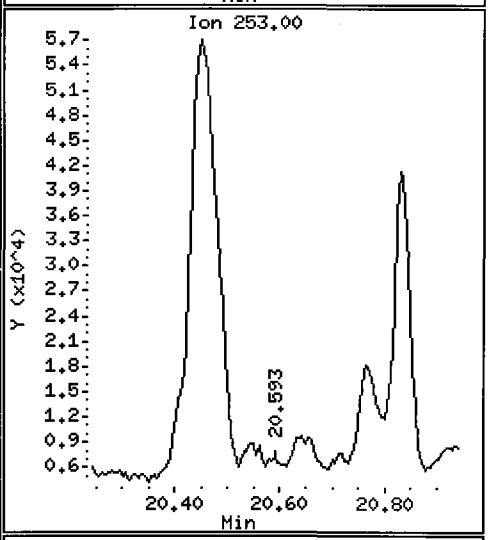


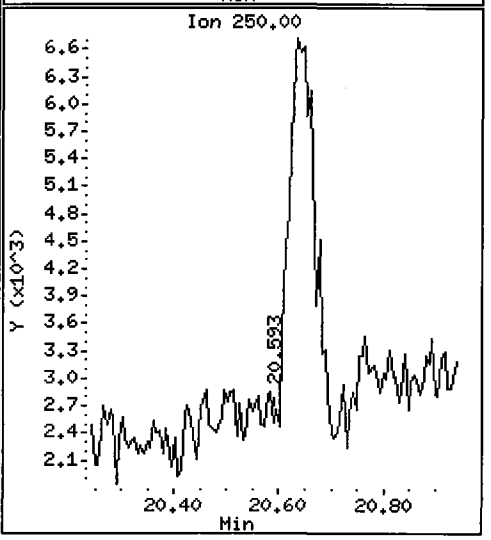












Data File: /chem3/nt4.i/20090616.b/pb44j.d

Date : 16-JUN-2009 21:08

Client ID: 3SED7-A

Instrument: nt4.i

Sample Info: PB44J,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

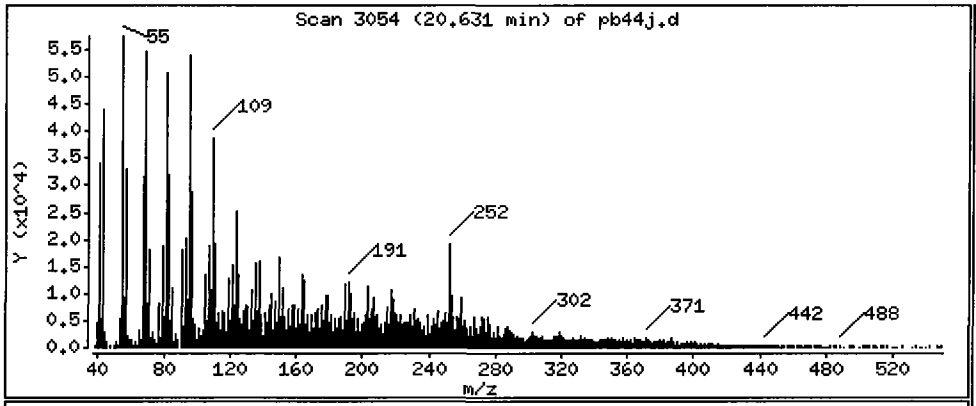
Column phase: ZB-5

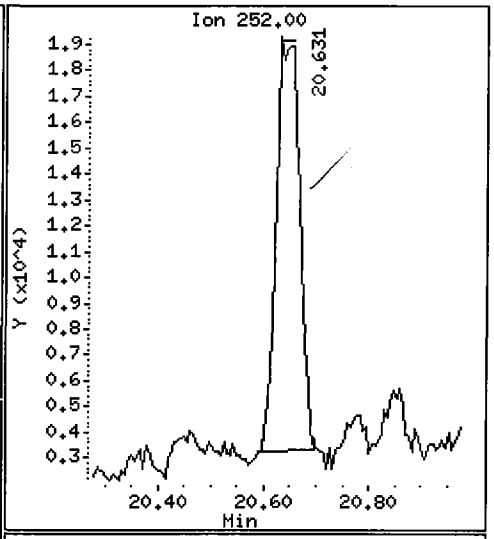
Column diameter: 0.32

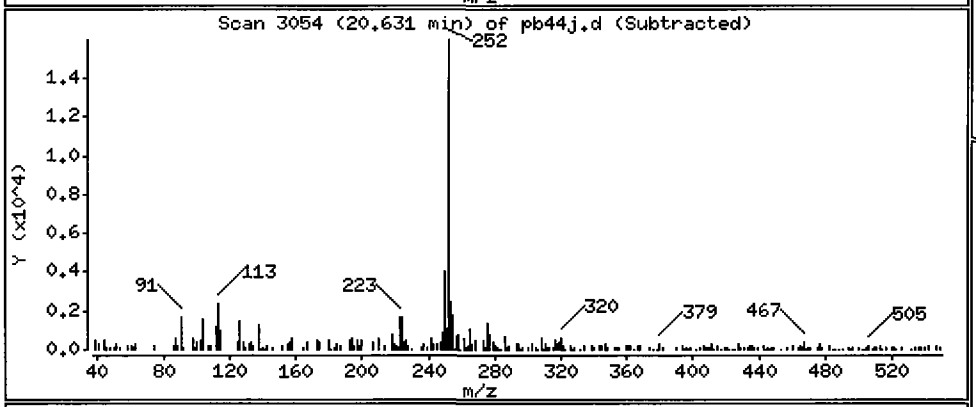
75 Benzo(k)fluoranthene

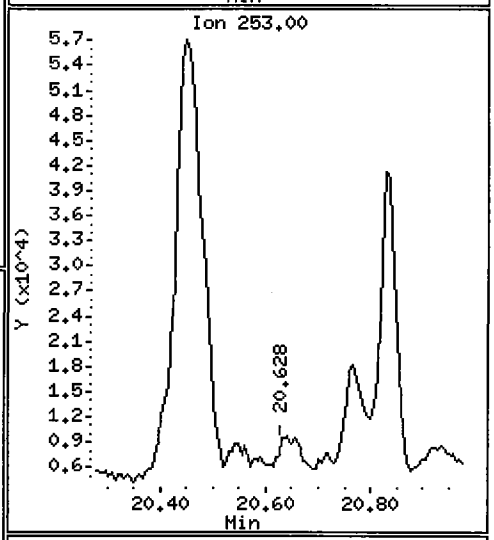
Concentration: 71.89 ug/kg

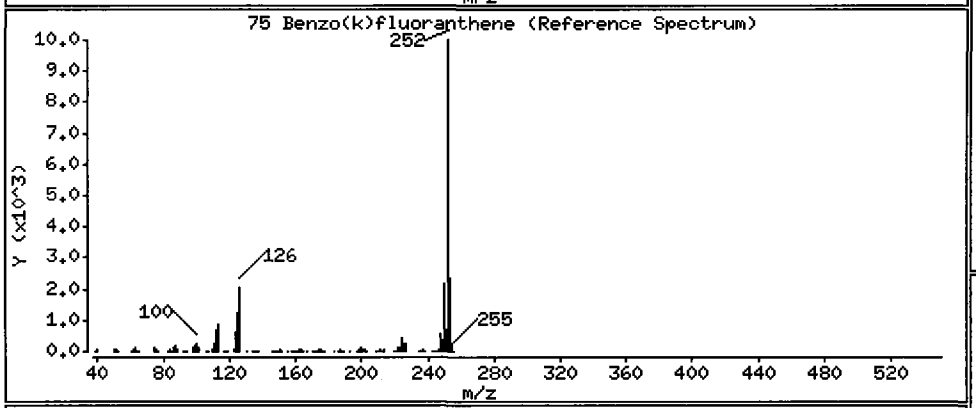
1/2 of LR

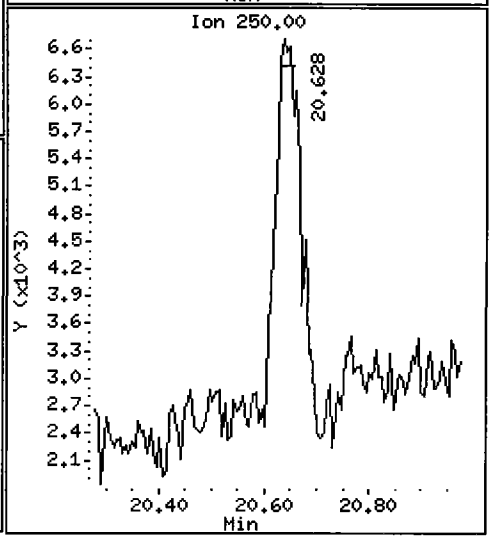


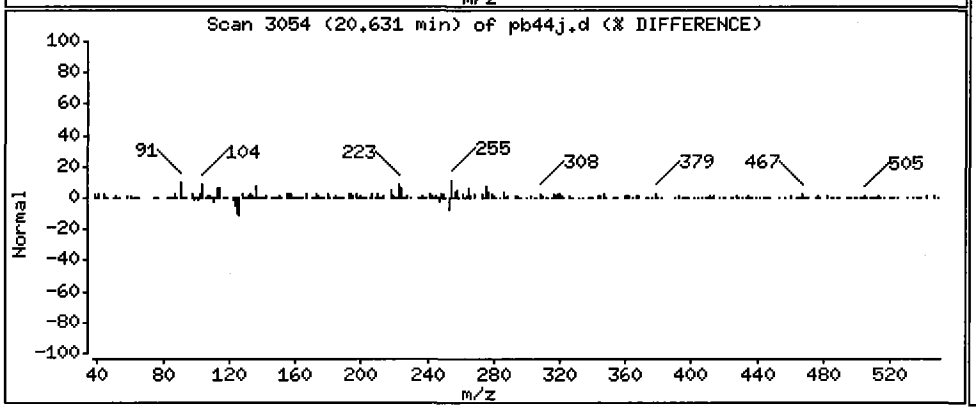












Data File: /chem3/nt4.i/20090616.b/pb44j.d

Date : 16-JUN-2009 21:08

Client ID: 3SED7-A

Instrument: nt4.i

Sample Info: PB44J,3

Volume Injected (uL): 1.0

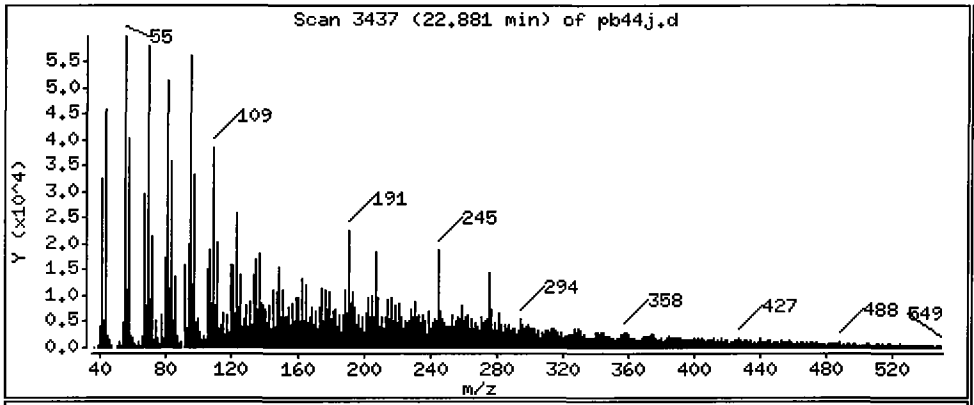
Operator: LJR/VTS

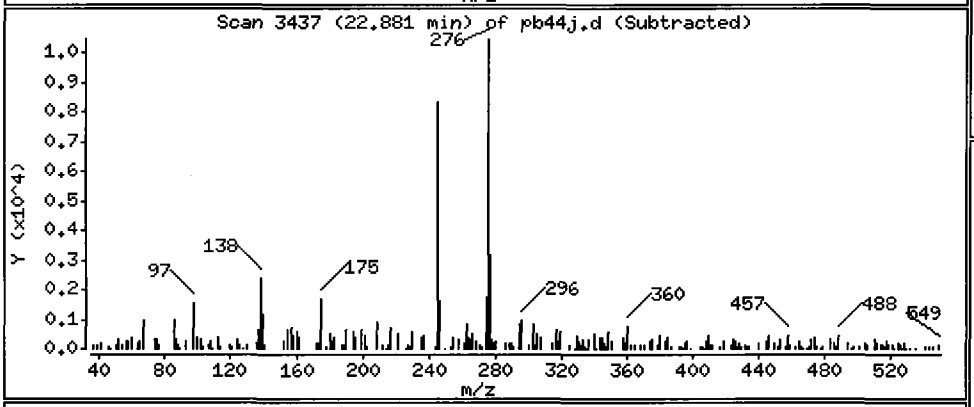
Column phase: ZB-5

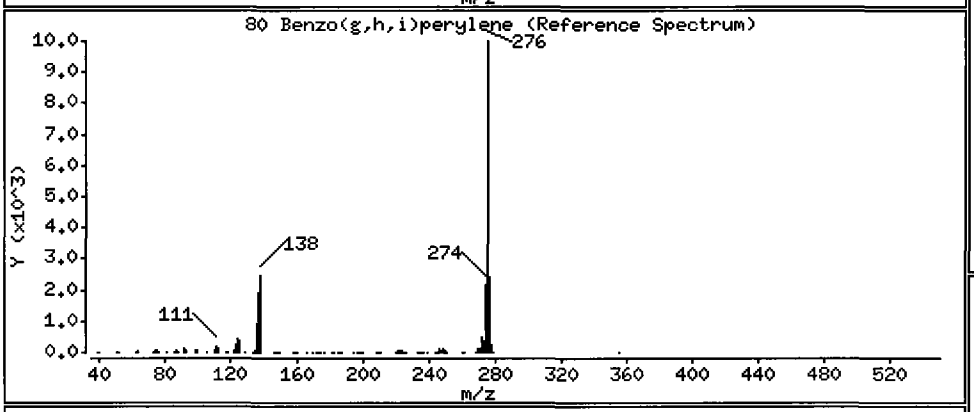
Column diameter: 0.32

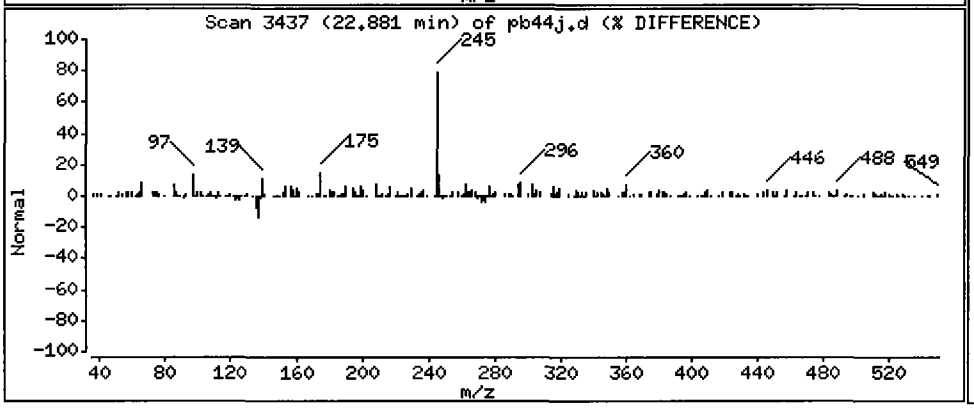
80 Benzo(g,h,i)perylene

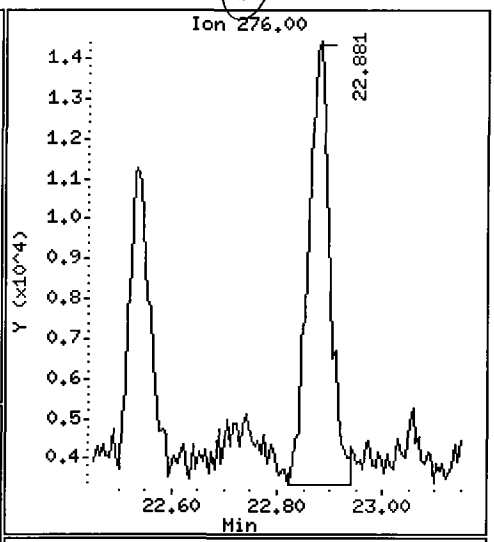
Concentration: 46.50 ug/kg

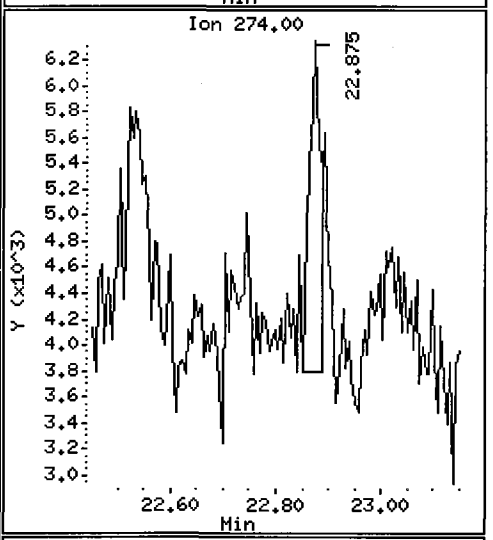


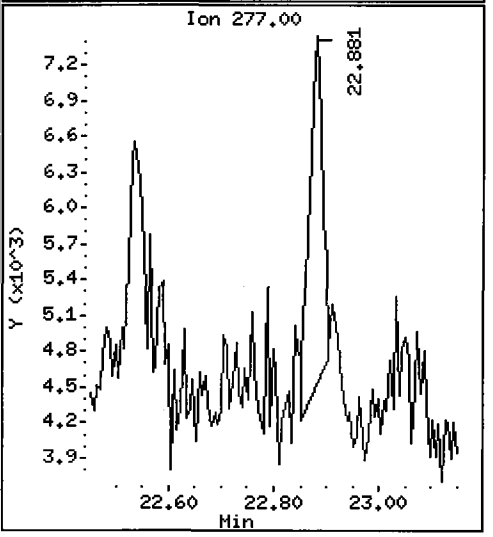












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED7-B
SAMPLE

Lab Sample ID: PB44K
LIMS ID: 09-12797
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 21:43
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 49.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**55**
120-12-7	**Anthracene**	**20**	**20**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**160**
129-00-0	**Pyrene**	**20**	**110**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**61**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**140**
218-01-9	**Chrysene**	**20**	**130**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**63**
207-08-9	**Benzo(k)fluoranthene**	**20**	**63**
50-32-8	**Benzo(a)pyrene**	**20**	**46**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**26**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**9.8 J**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**33**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.6%	2-Fluorobiphenyl	66.4%
d14-p-Terphenyl	67.2%	d4-1,2-Dichlorobenzene	48.4%
d5-Phenol	67.5%	2-Fluorophenol	57.9%
2,4,6-Tribromophenol	89.1%	d4-2-Chlorophenol	69.1%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44k.d
Lab Smp Id: PB44K Client Smp ID: 3SED7-B
Inj Date : 16-JUN-2009 21:43
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44K
Misc Info : 09-12797
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	50.50000	Weight of sample extracted (g)
M	49.60000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$ 1 2-Fluorophenol	112	5.532	5.475	(0.739)	296302	21.7308	426.9
$ 2 Phenol-d5	99	7.206	7.091	(0.963)	469162	25.2685	496.4
3 Phenol	94	7.230	7.114	(0.966)	11530	0.54359 LAL	10.68
$ 5 2-Chlorophenol-d4	132	7.218	7.167	(0.965)	296709	25.8749	508.3
4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6 2-Chlorophenol	128	Compound Not Detected.					
7 1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8 1,4-Dichlorobenzene-d4	152	7.482	7.461	(1.000)	177960	20.0000	
9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10 1,2-Dichlorobenzene-d4	152	7.776	7.761	(1.039)	101041	12.0690	237.1
12 1,2-Dichlorobenzene	146	Compound Not Detected.					
11 Benzyl alcohol	108	Compound Not Detected.					
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13 2-Methylphenol	108	Compound Not Detected.					
17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.417	8.401	(0.884)	266159	14.4224	283.3
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.521	9.506	(1.000)	650344	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.319	11.309	(0.915)	476397	16.6267	326.6
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.365	12.344	(1.000)	378005	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.657	13.636	(1.105)	116743	33.4302	656.7
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.562	14.535	(0.989)	2645	0.53282 LDL	10.47
*	59 Phenanthrene-d10	188	14.721	14.694	(1.000)	650814	20.0000	
	60 Phenanthrene	178	14.750	14.735	(1.002)	115666	2.78475	54.71
	61 Anthracene	178	14.821	14.805	(1.007)	42265	1.00244	19.69
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	15.872	15.845	(1.078)	28146	0.61088	12.00
64	Fluoranthene	202	16.683	16.650	(1.133)	327843	7.95975	156.4
65	Pyrene	202	17.030	16.997	(0.895)	300517	5.80642	114.1
$ 66	Terphenyl-d14	244	17.371	17.338	(0.913)	520227	16.8425	330.9
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.992	18.948	(0.998)	129342	3.11700	61.23
* 69	Chrysene-d12	240	19.022	18.977	(1.000)	601142	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.051	19.018	(1.002)	277077	6.82808	134.1
72	bis(2-Ethylhexyl)phthalate	149	19.286	19.247	(0.954)	220394	7.28804	143.2
* 134	Di-n-octylphthalate-d4	153	20.220	20.181	(1.000)	935029	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	20.655	20.593	(0.975)	274571	6.50272	127.7 3.197
75	Benzo(k)fluoranthene	252	20.655	20.628	(0.975)	274571	6.28382	123.4 3.197
76	Benzo(a)pyrene	252	21.096	21.027	(0.996)	89249	2.36470	46.45(H)
* 77	Perylene-d12	264	21.178	21.110	(1.000)	604278	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.559	22.467	(1.065)	63567	1.34122	26.35
79	Dibenzo(a,h)anthracene	278	22.582	22.496	(1.066)	19334	0.50035	9.829(MH)
80	Benzo(g,h,i)perylene	276	22.911	22.802	(1.082)	71411	1.66735	32.75
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	6.989	7.020	(0.934)	22862	0.94016	18.47(M)
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44k.d
Lab Smp Id: PB44K
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12797

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED7-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	177960	-1.48
27 Naphthalene-d8	633172	316586	1266344	650344	2.71
42 Acenaphthene-d10	336916	168458	673832	378005	12.20
59 Phenanthrene-d10	514258	257129	1028516	650814	26.55
69 Chrysene-d12	376875	188438	753750	601142	59.51
134 Di-n-octylphthala	640574	320287	1281148	935029	45.97
77 Perylene-d12	383864	191932	767728	604278	57.42

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.48	0.29
27 Naphthalene-d8	9.51	9.01	10.01	9.52	0.16
42 Acenaphthene-d10	12.34	11.84	12.84	12.36	0.17
59 Phenanthrene-d10	14.69	14.19	15.19	14.72	0.18
69 Chrysene-d12	18.98	18.48	19.48	19.02	0.24
134 Di-n-octylphthala	20.18	19.68	20.68	20.22	0.19
77 Perylene-d12	21.11	20.61	21.61	21.18	0.32

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44K
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12797

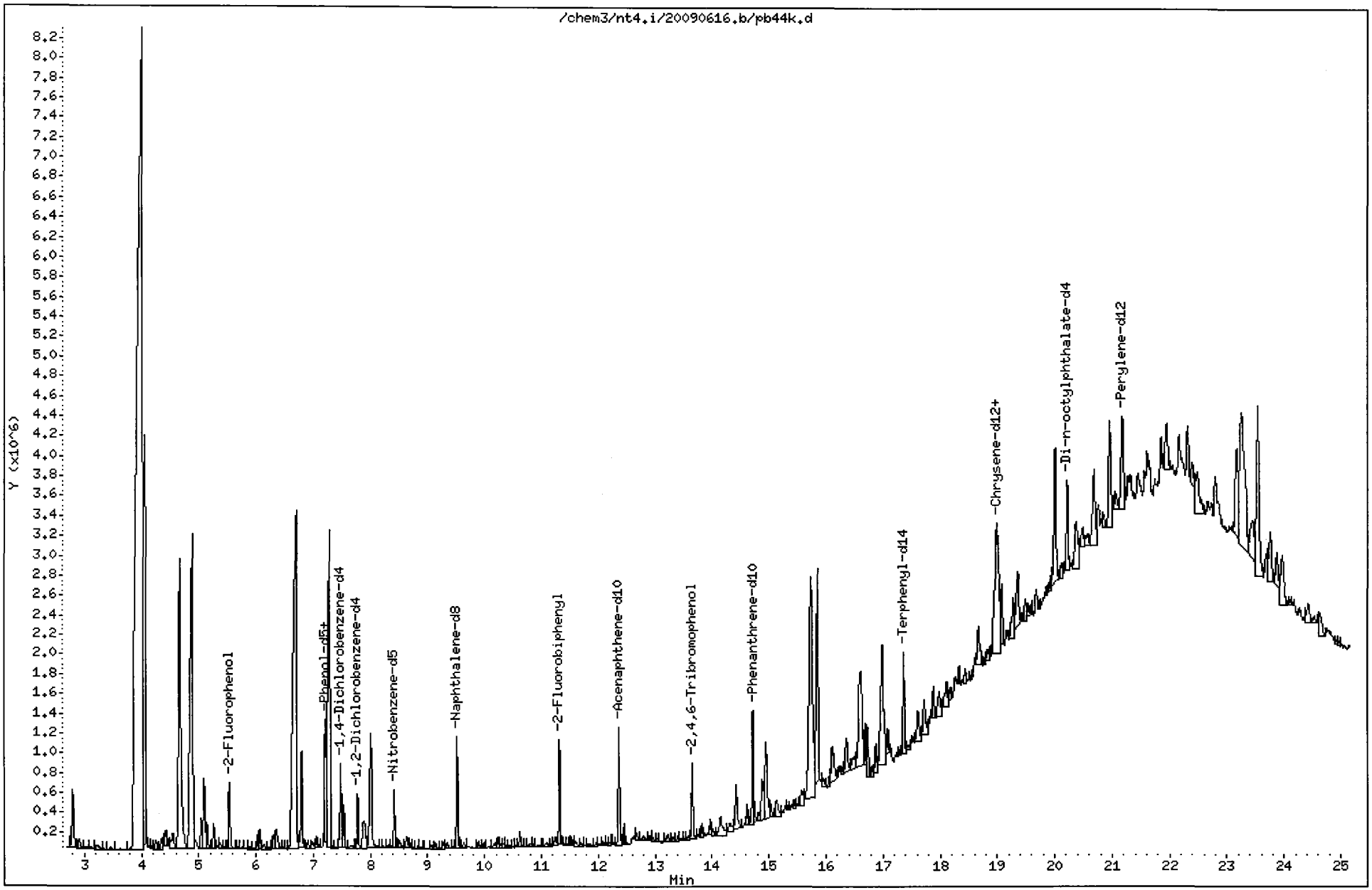
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED7-B
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	736.7	426.9	57.95	21-100
$ 2 Phenol-d5	736.7	496.4	67.38	10-100
$ 5 2-Chlorophenol-d4	736.7	508.3	69.00	30-100
$ 10 1,2-Dichlorobenzen	491.1	237.1	48.28	24-100
$ 18 Nitrobenzene-d5	491.1	283.3	57.69	26-100
$ 36 2-Fluorobiphenyl	491.1	326.6	66.51	32-100
$ 55 2,4,6-Tribromophen	736.7	656.7	89.15	33-118
$ 66 Terphenyl-d14	491.1	330.9	67.37	21-97

Data File: /chem3/nt4.i/20090616.b/pb44k.d
Date : 16-JUN-2009 21:43
Client ID: 3SED7-B
Sample Info: PB44K
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: LJR/VTS
Column diameter: 0.32

PB44 : 66365



Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

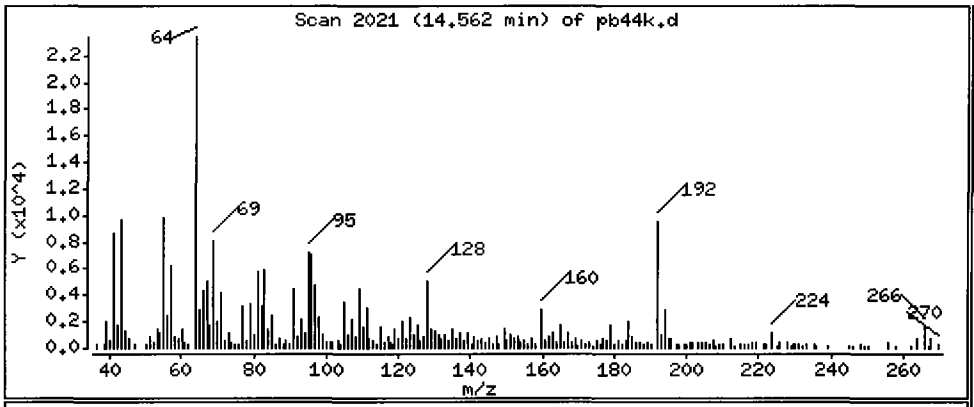
Operator: LJR/VTS

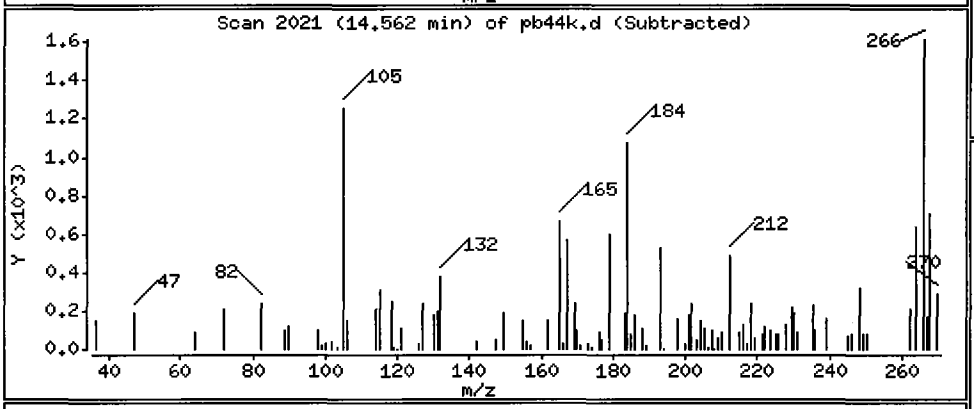
Column phase: ZB-5

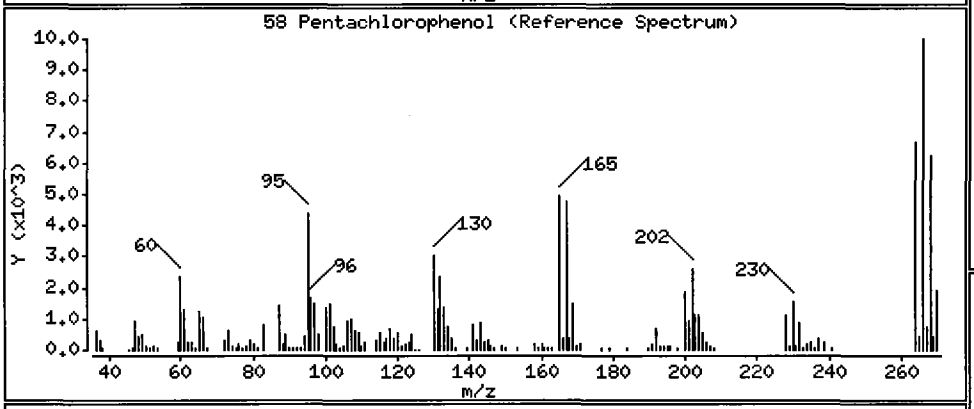
Column diameter: 0.32

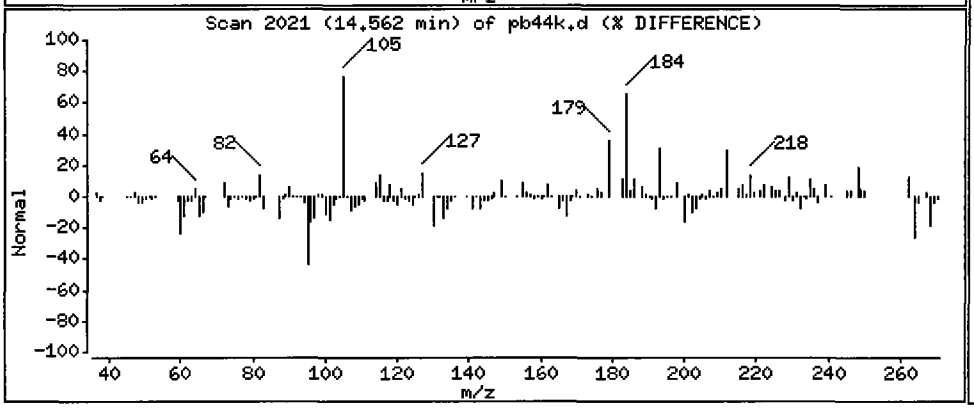
58 Pentachlorophenol

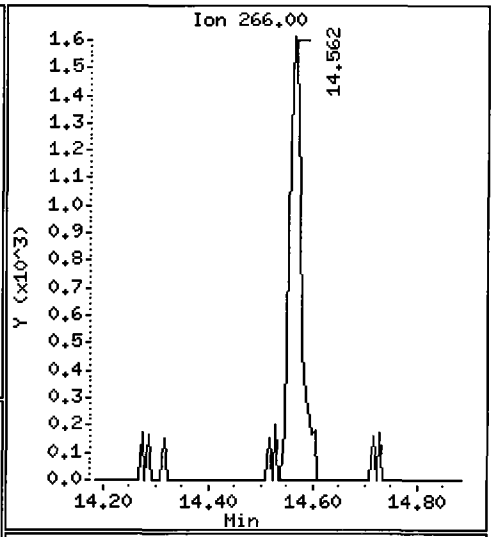
Concentration: 10.47 ug/kg

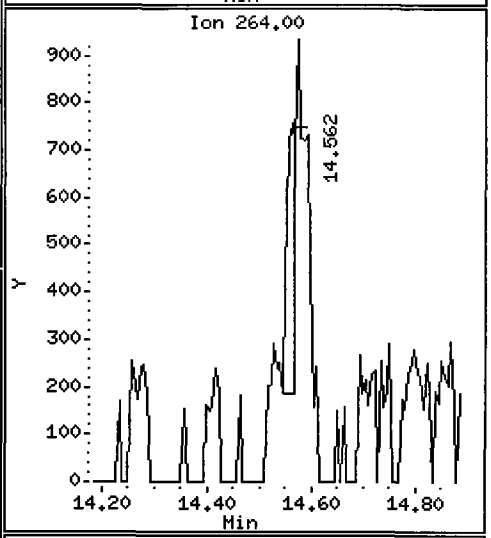


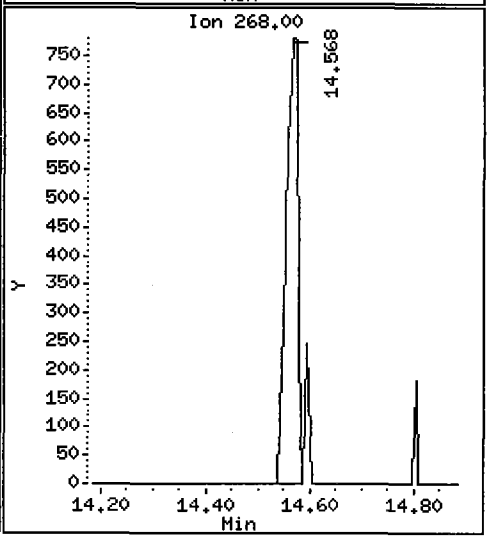












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

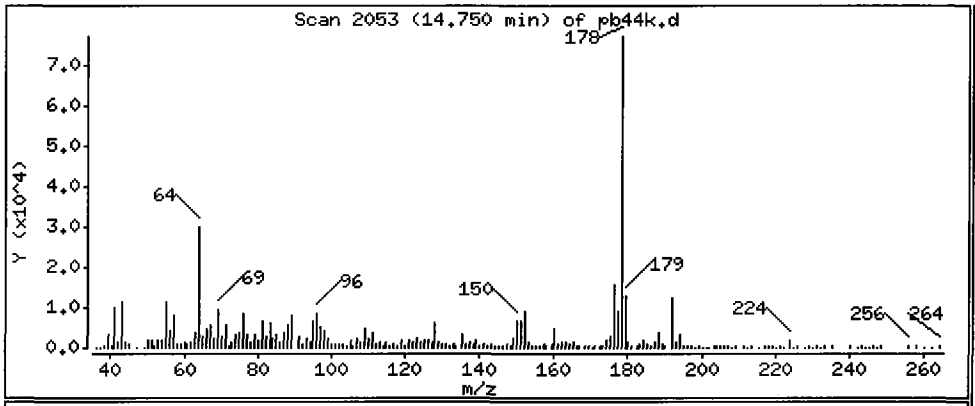
Operator: LJR/VTS

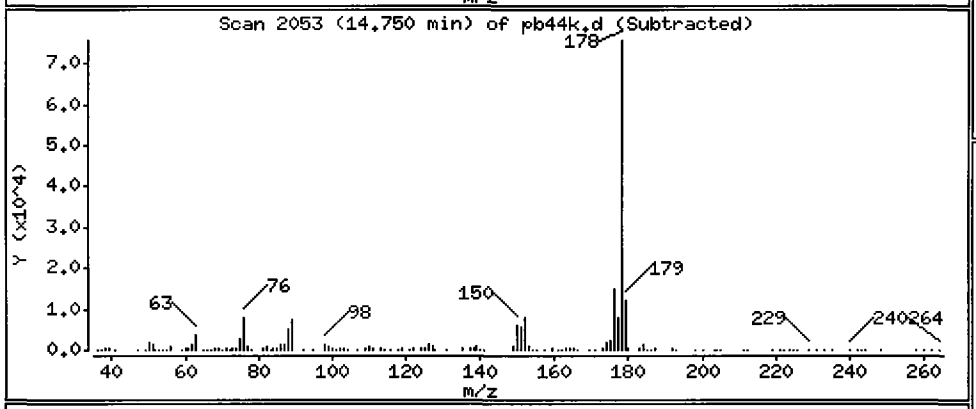
Column phase: ZB-5

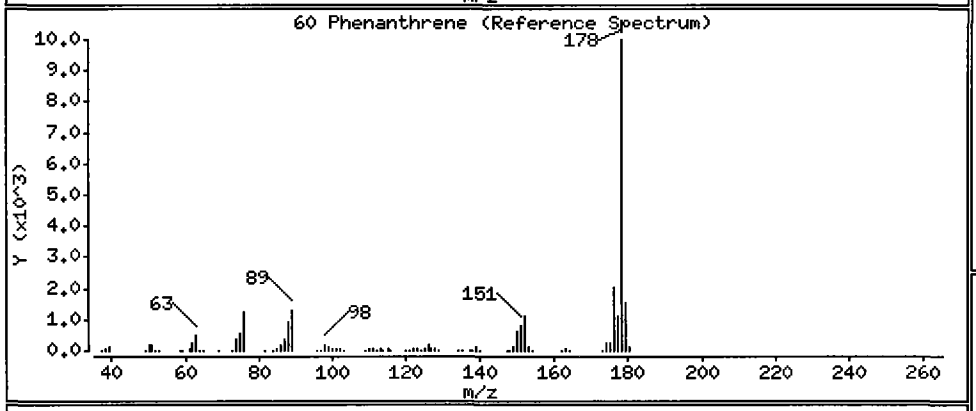
Column diameter: 0.32

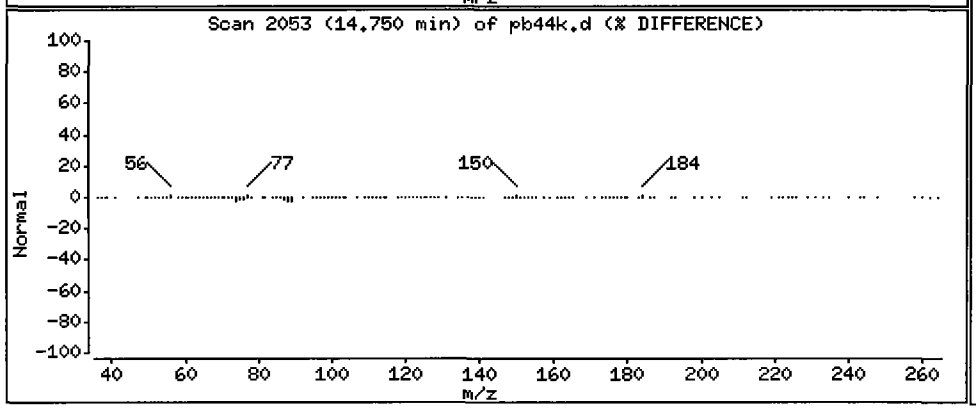
60 Phenanthrene

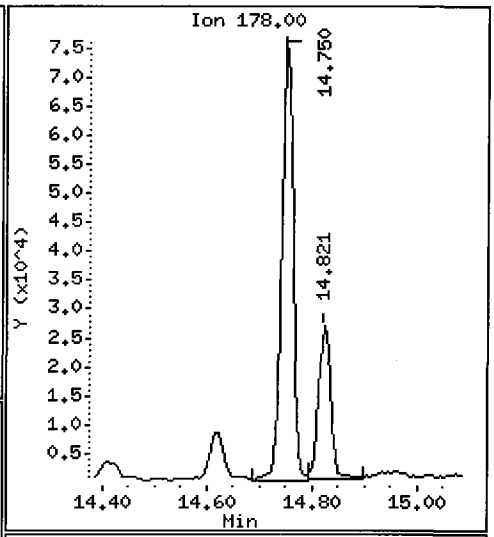
Concentration: 54.71 ug/kg

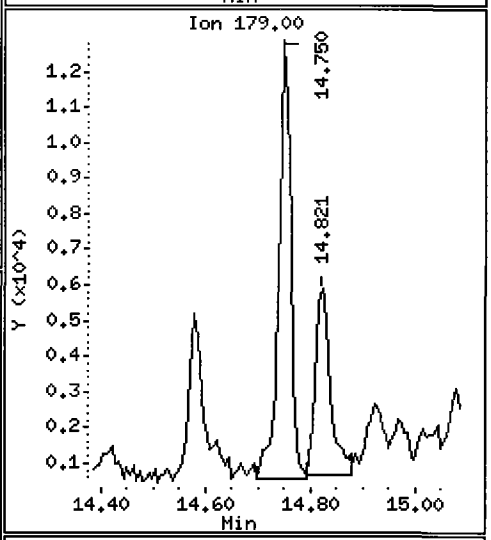


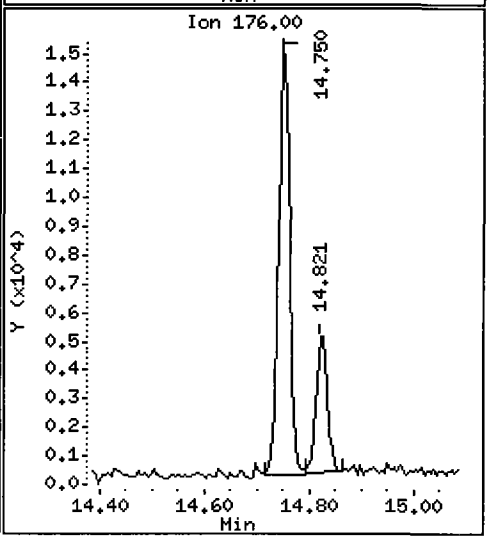












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

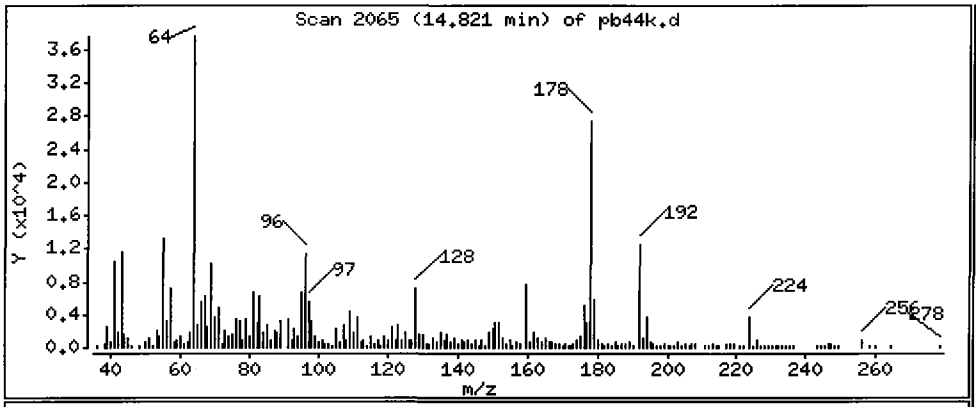
Operator: LJR/VTS

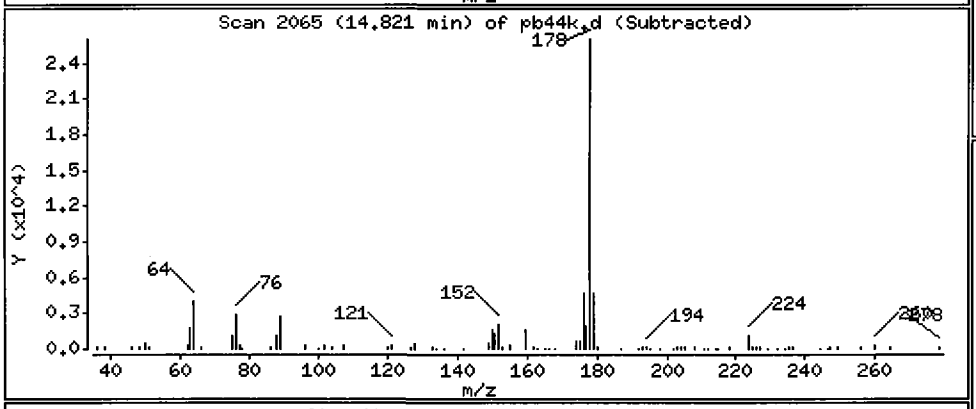
Column phase: ZB-5

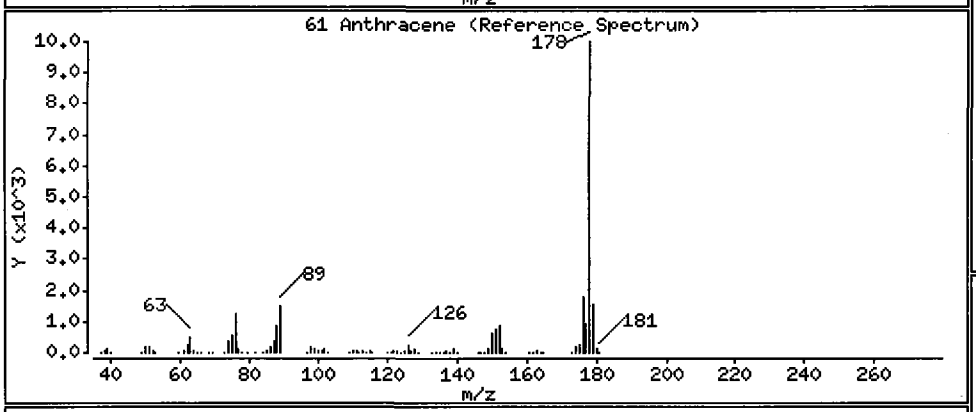
Column diameter: 0.32

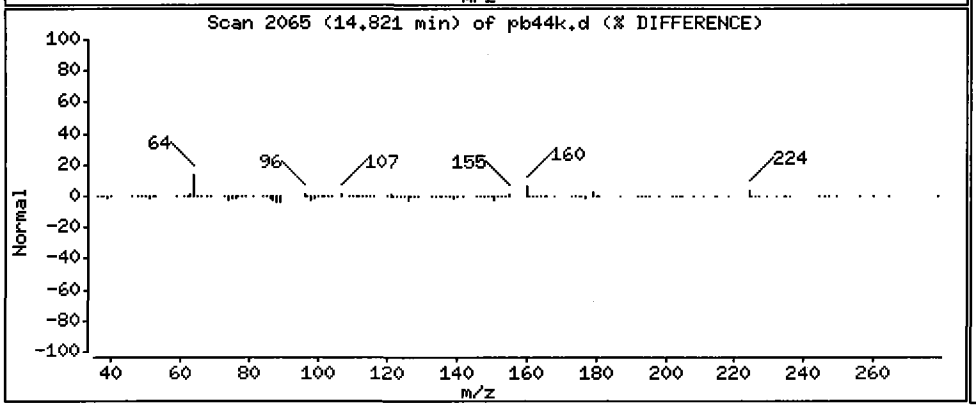
61 Anthracene

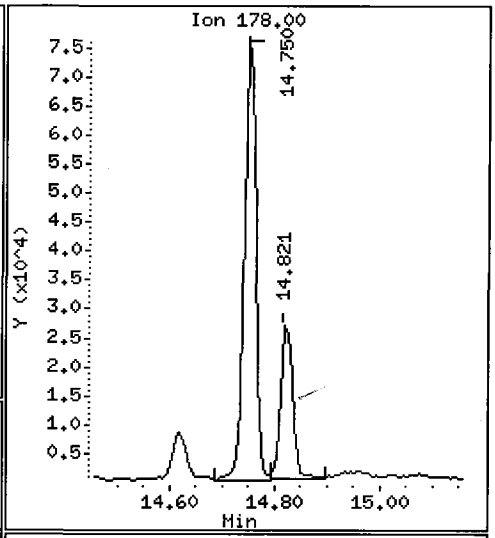
Concentration: 19.69 ug/kg

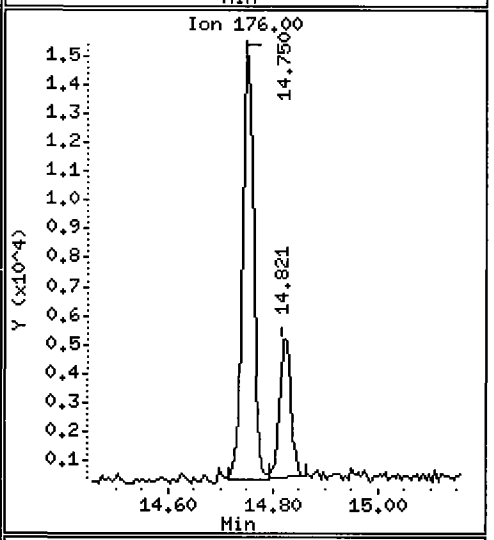


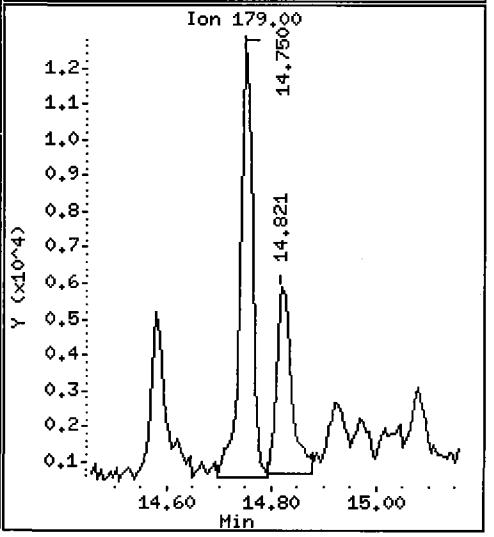












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

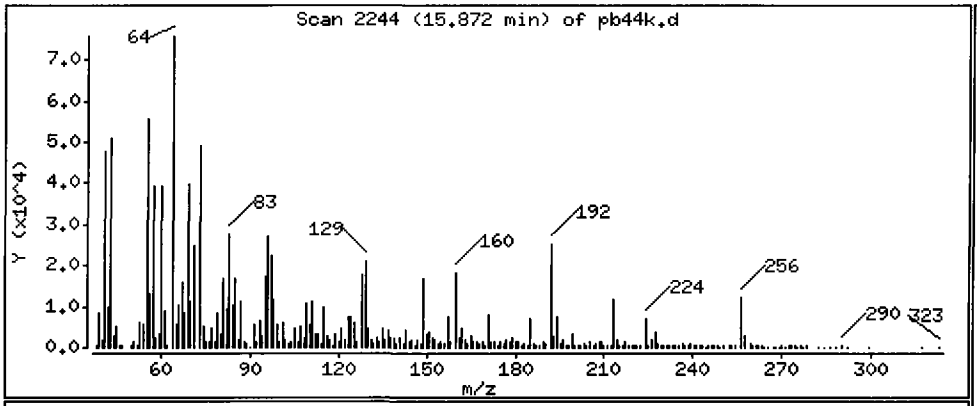
Operator: LJR/VTS

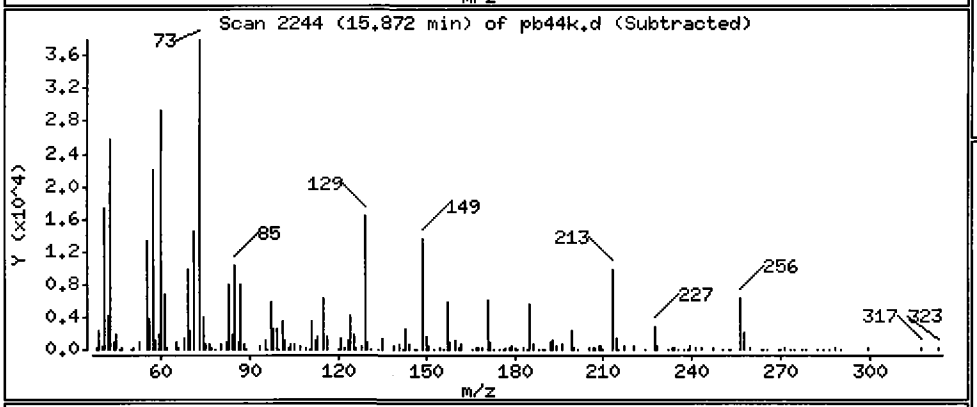
Column phase: ZB-5

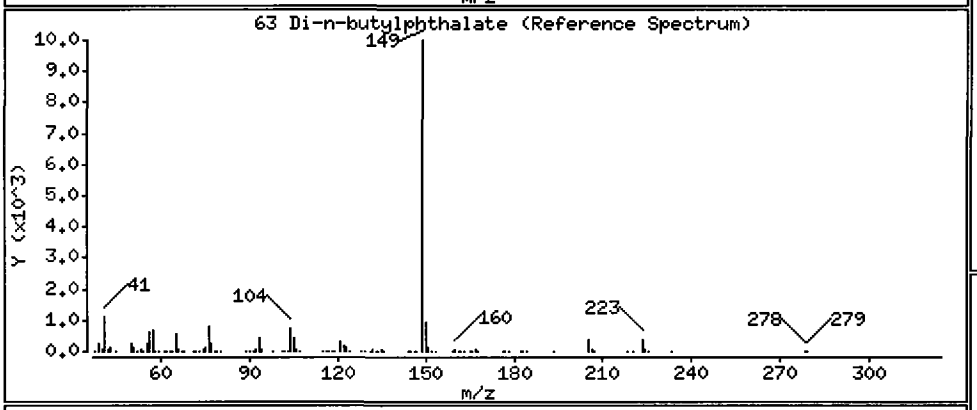
Column diameter: 0.32

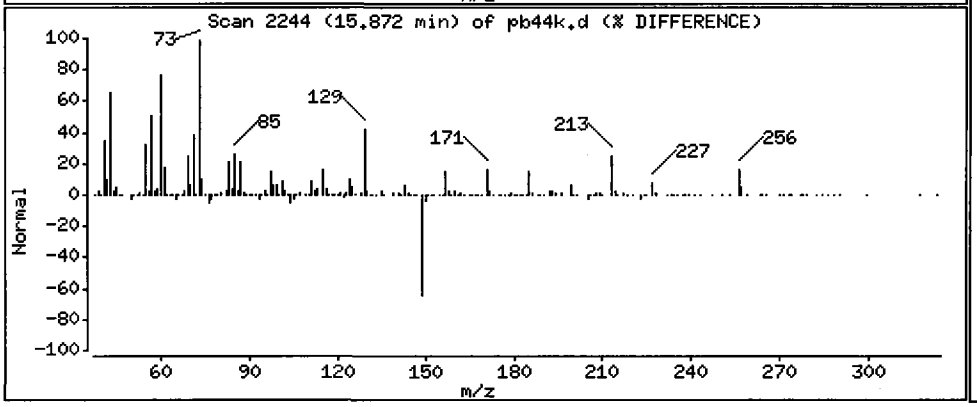
63 Di-n-butylphthalate

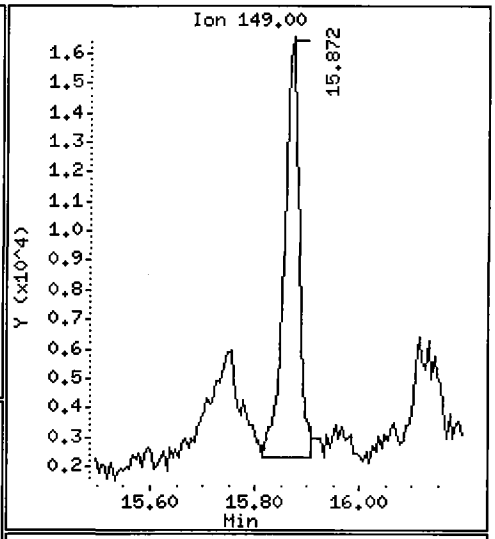
Concentration: 12.00 ug/kg

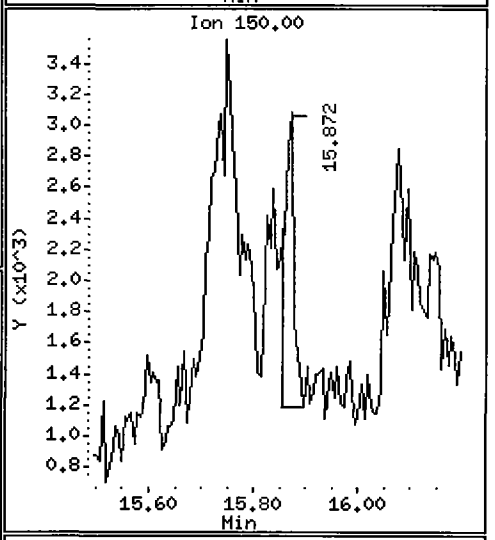


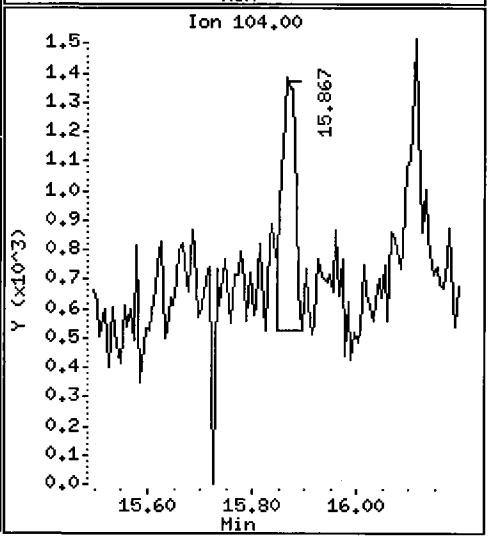












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

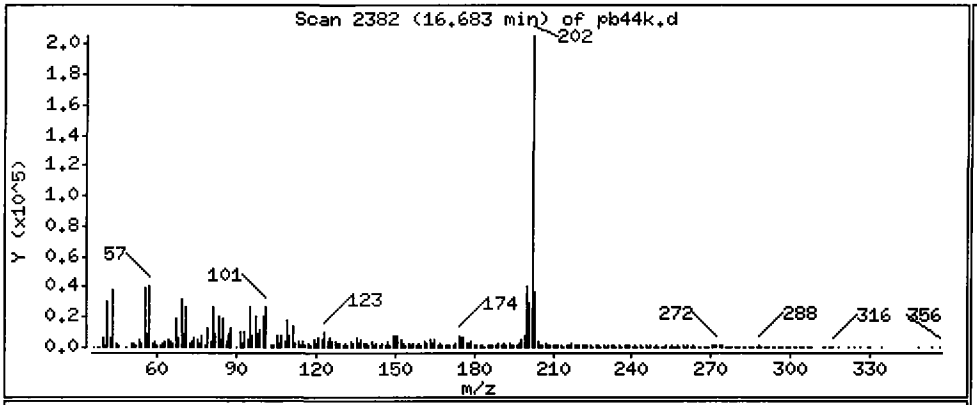
Operator: LJR/VTS

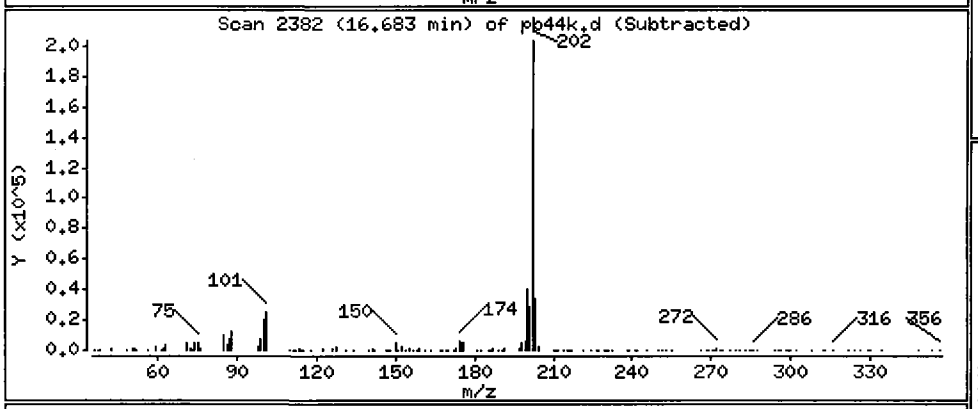
Column phase: ZB-5

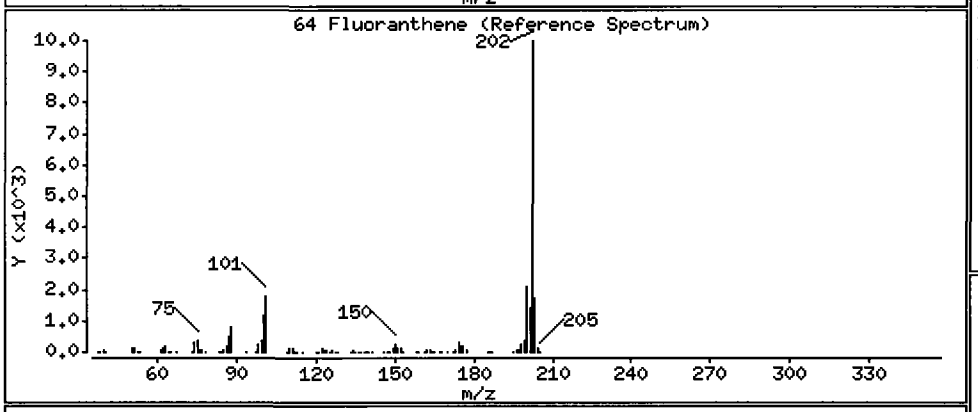
Column diameter: 0.32

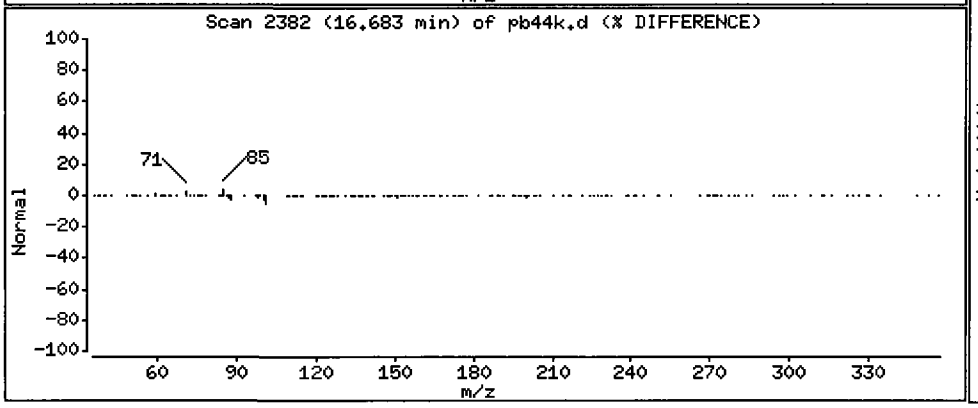
64 Fluoranthene

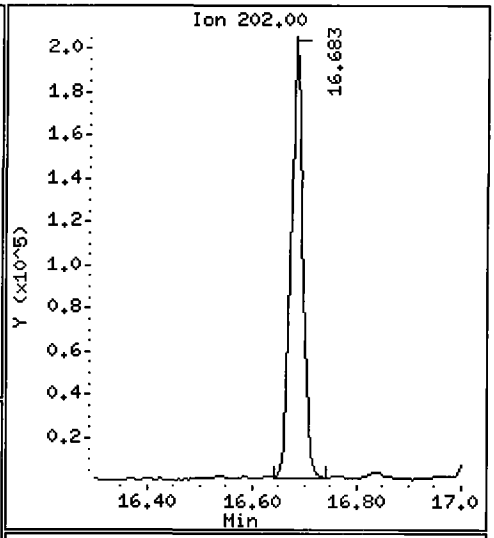
Concentration: 156.4 ug/kg

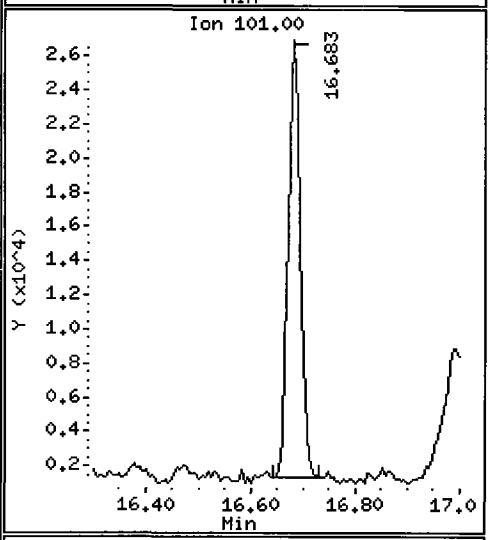


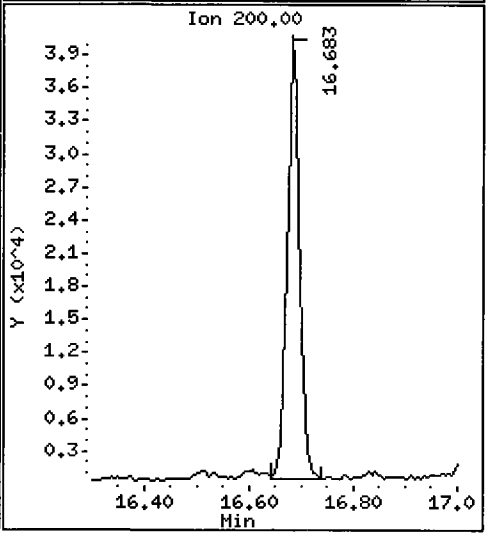












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

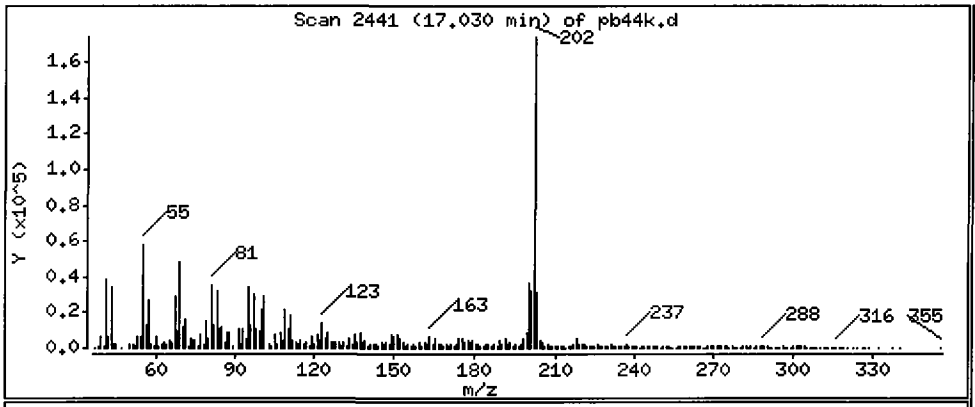
Operator: LJR/VTS

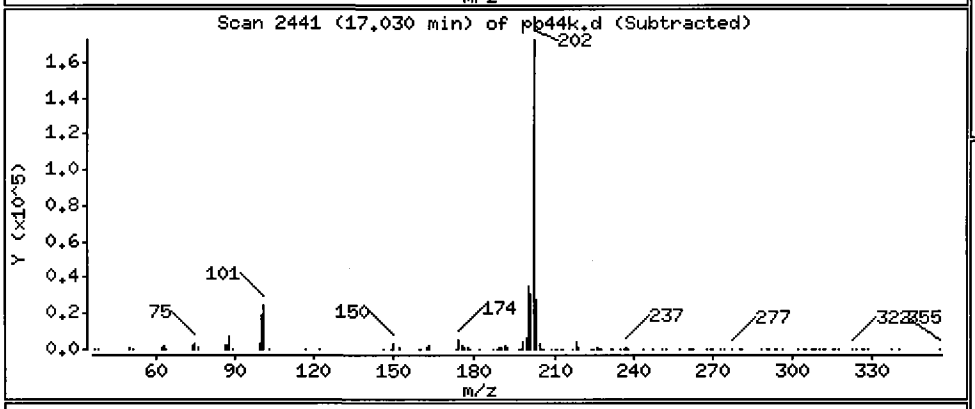
Column phase: ZB-5

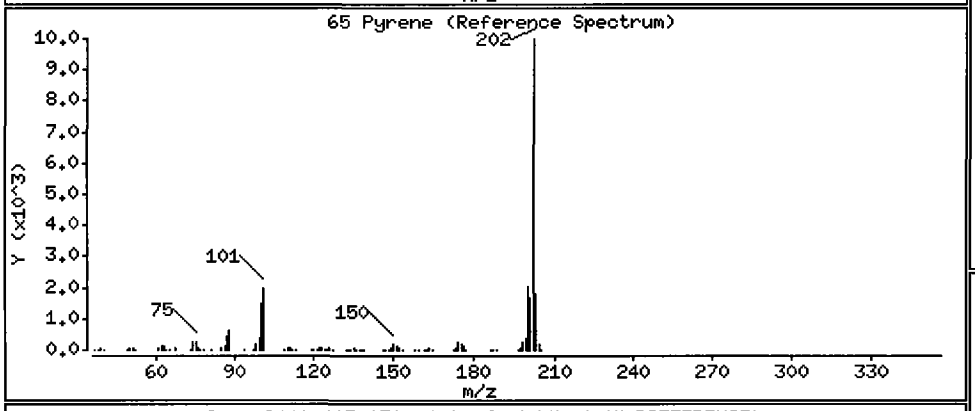
Column diameter: 0.32

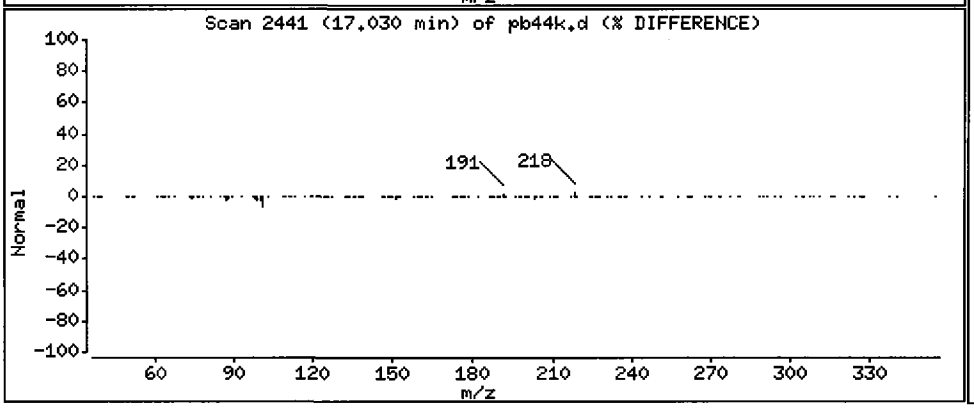
65 Pyrene

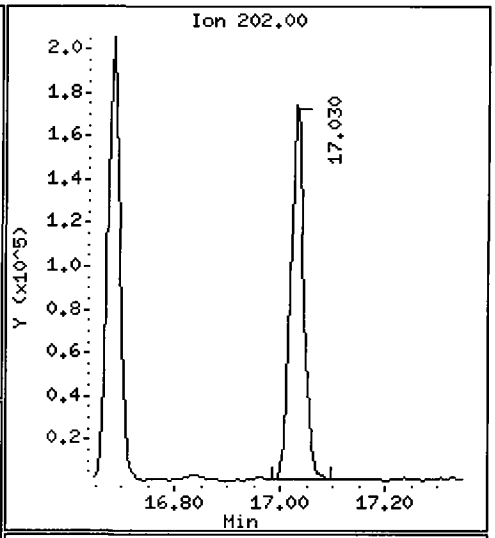
Concentration: 114.1 ug/kg

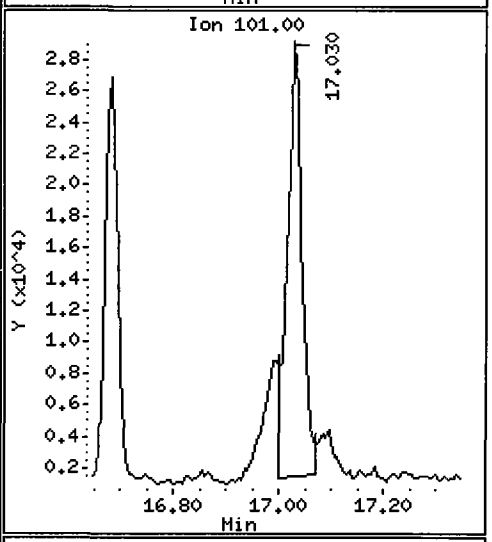


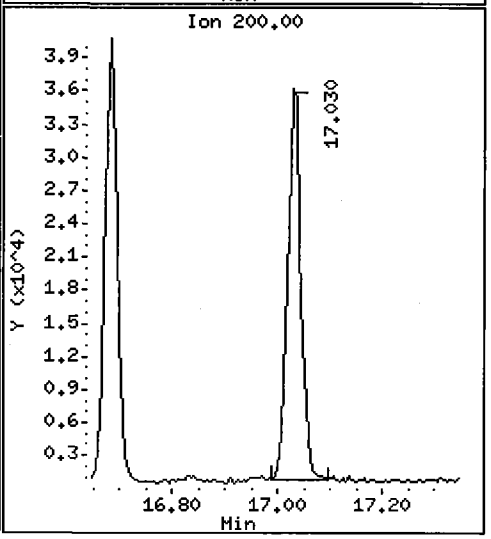












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

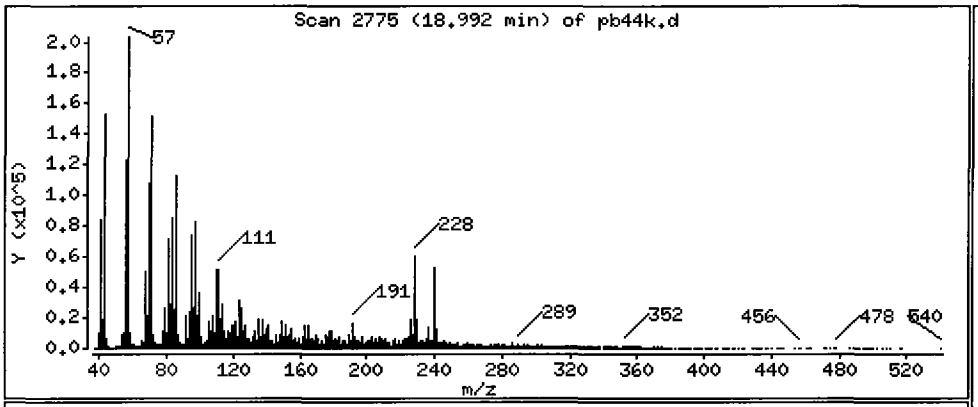
Operator: LJR/VTS

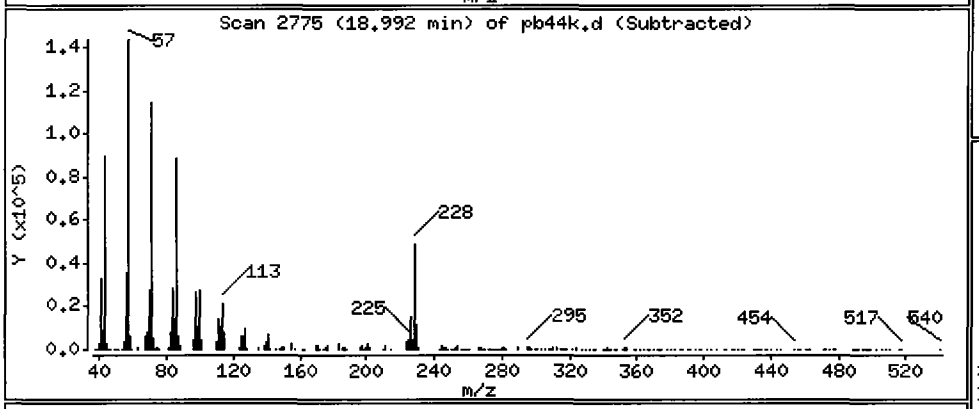
Column phase: ZB-5

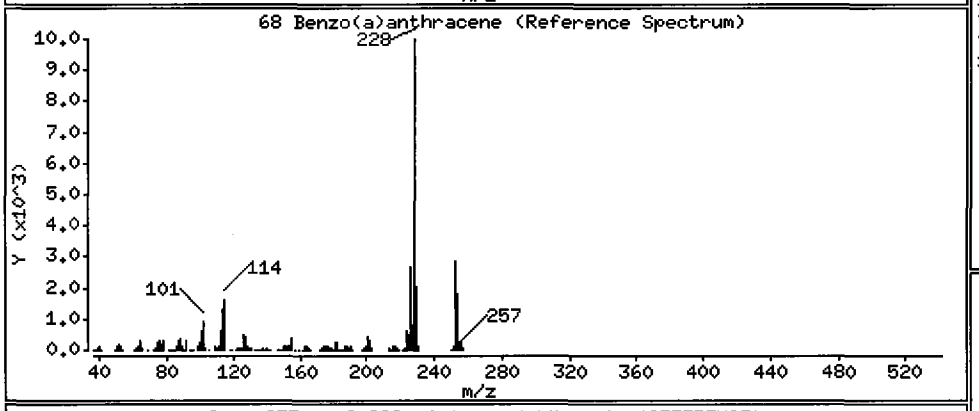
Column diameter: 0.32

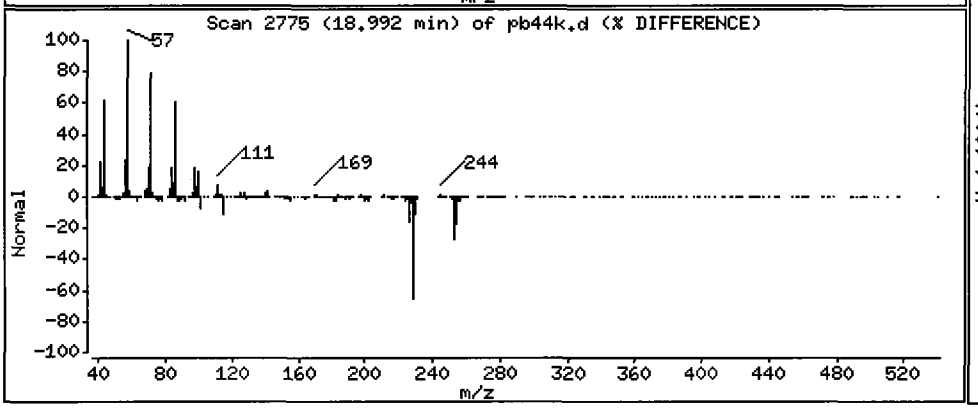
68 Benzo(a)anthracene

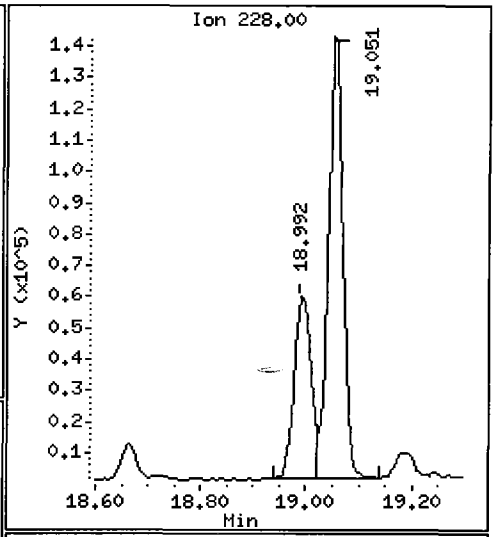
Concentration: 61.23 ug/kg

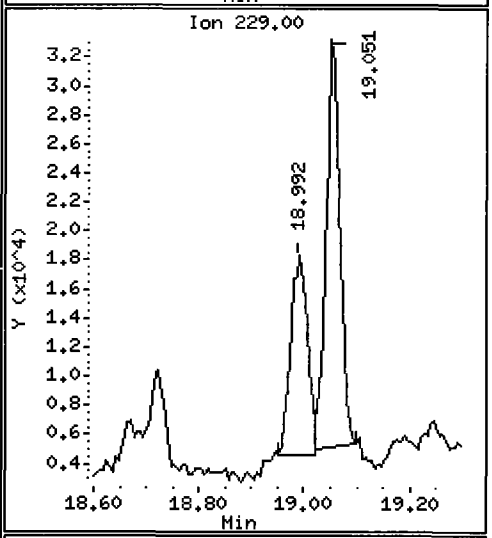


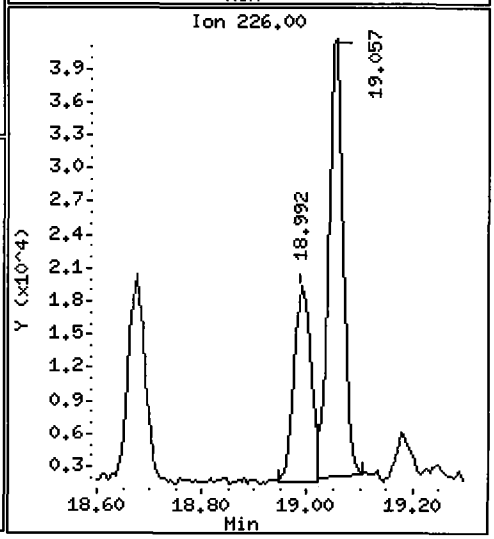












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

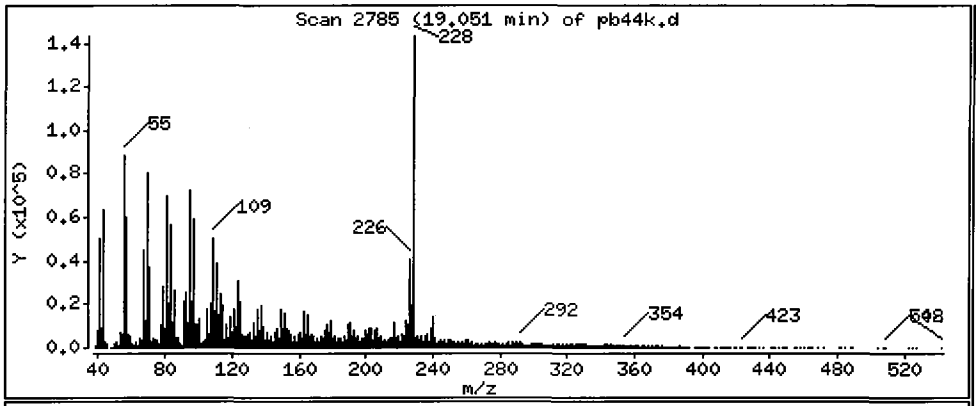
Operator: LJR/VTS

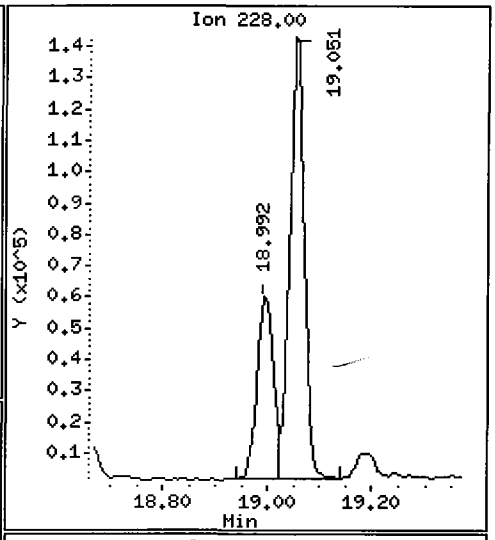
Column phase: ZB-5

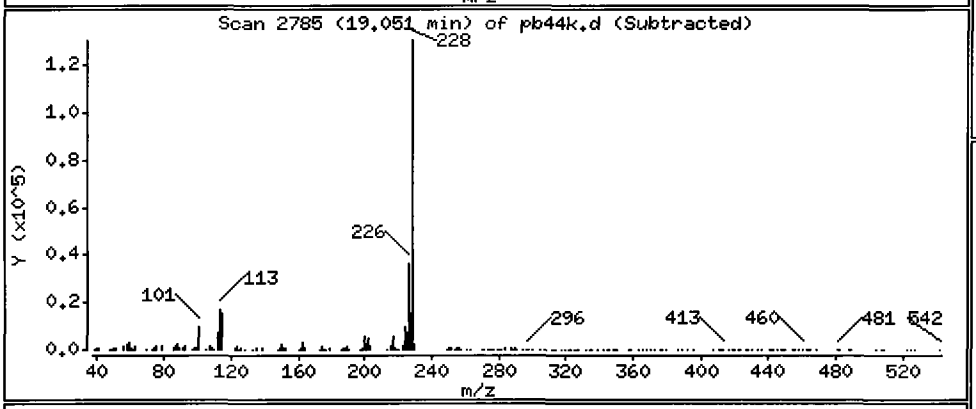
Column diameter: 0.32

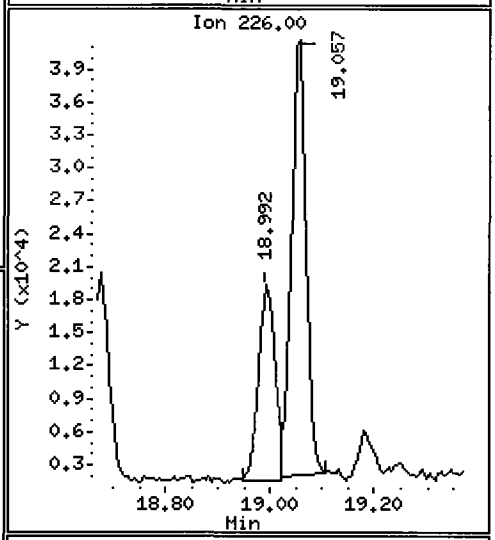
71 Chrysene

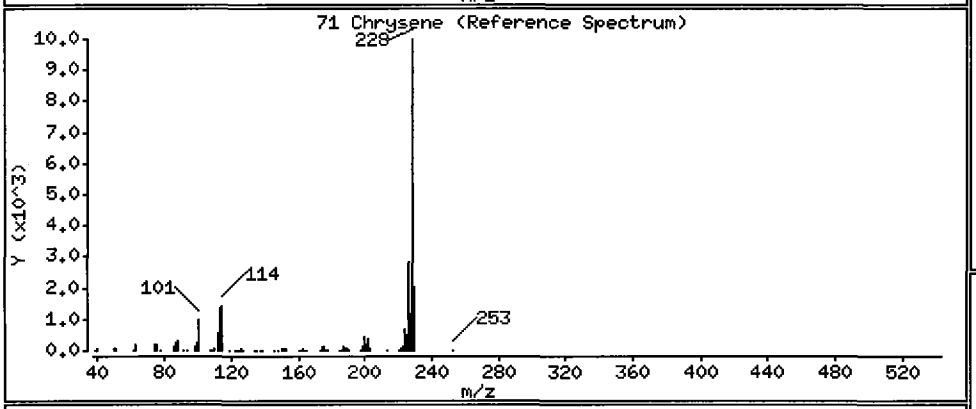
Concentration: 134.1 ug/kg

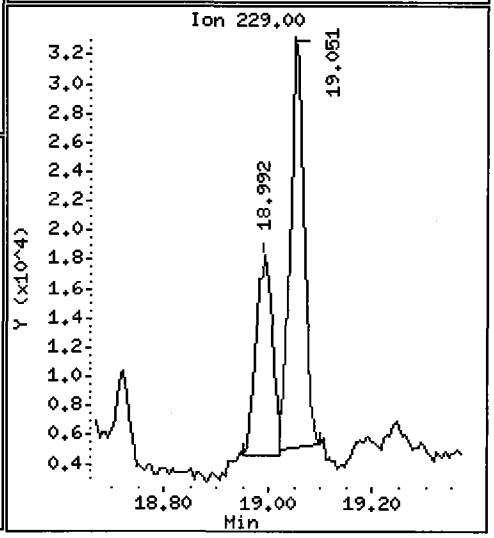


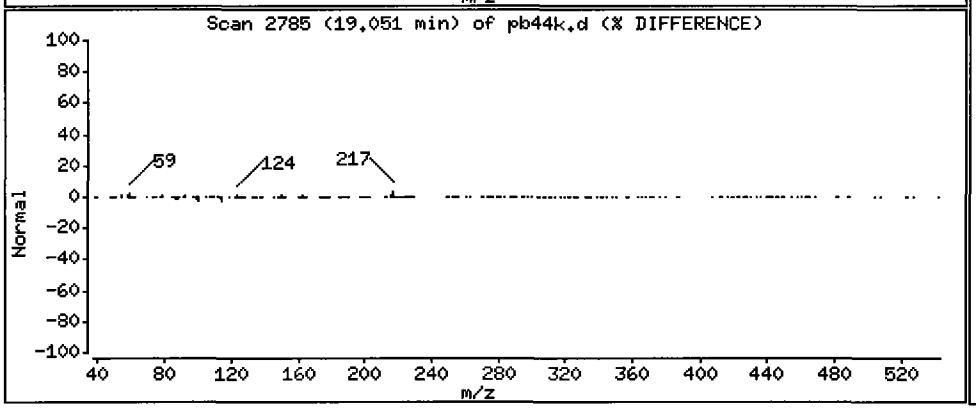












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

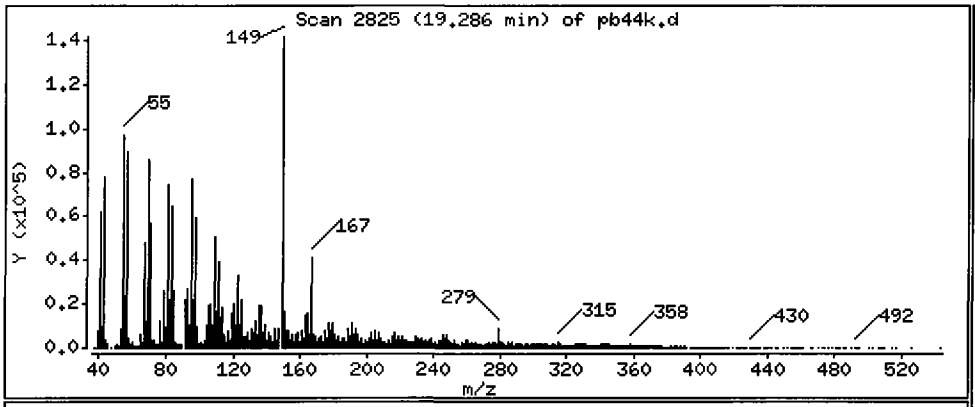
Operator: LJR/VTS

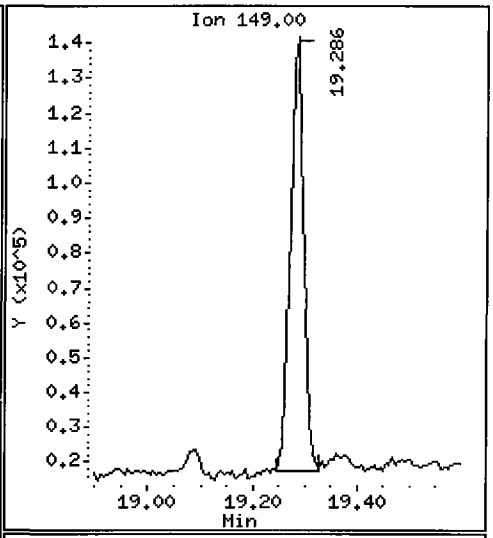
Column phase: ZB-5

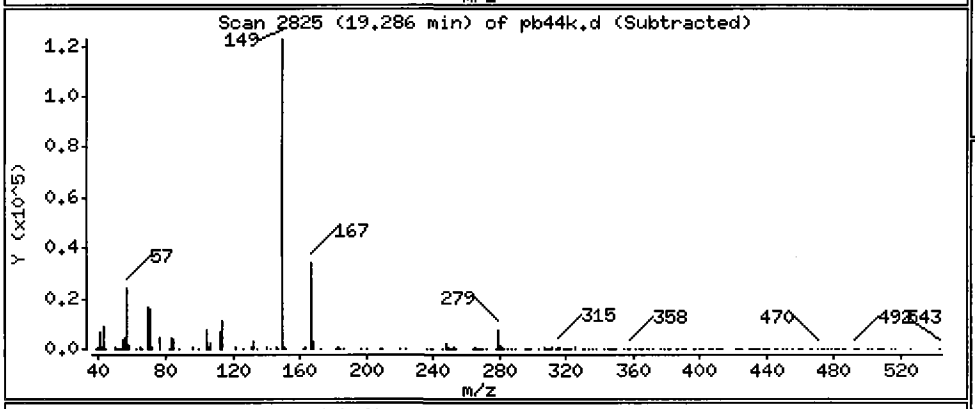
Column diameter: 0.32

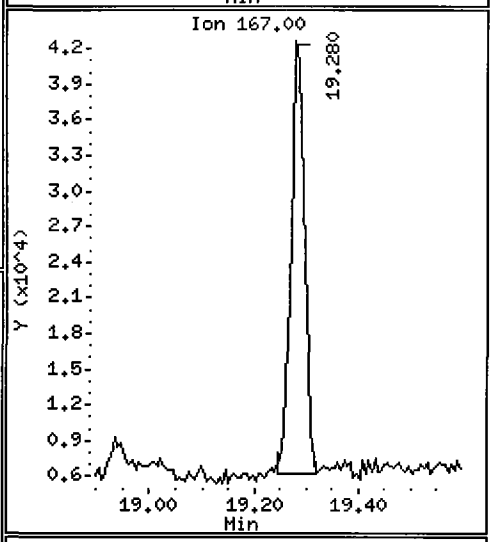
72 bis(2-Ethylhexyl)phthalate

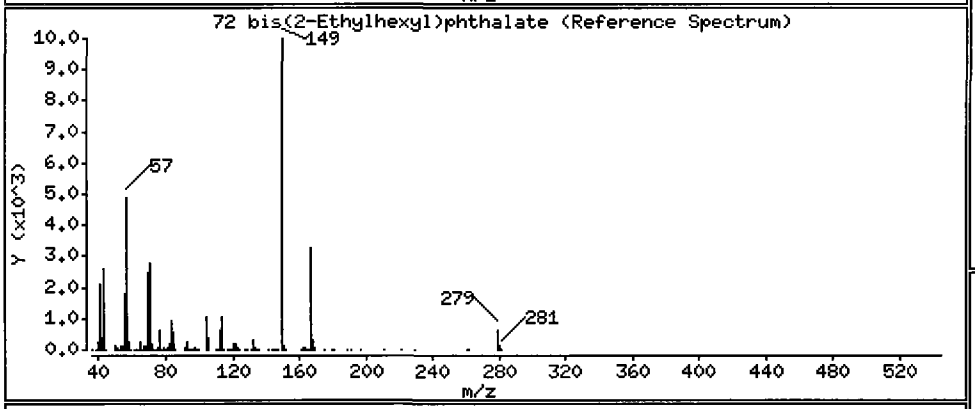
Concentration: 143.2 ug/kg

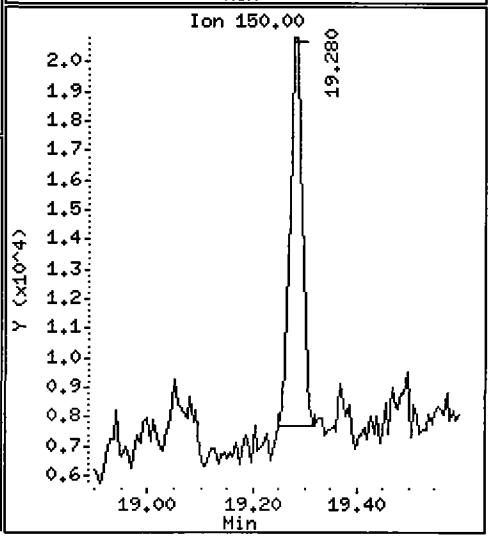


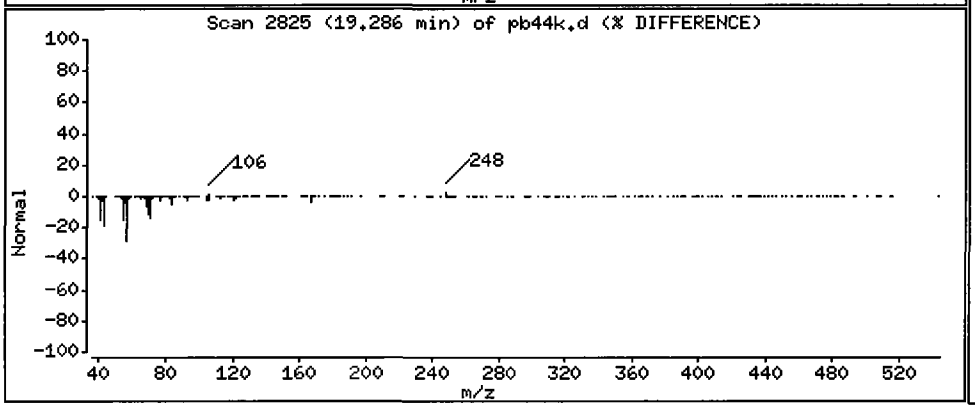












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

Operator: LJR/VTS

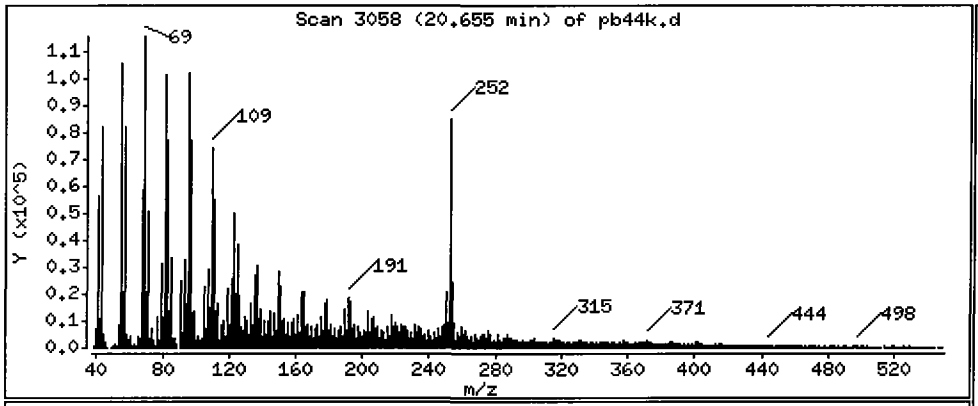
Column phase: ZB-5

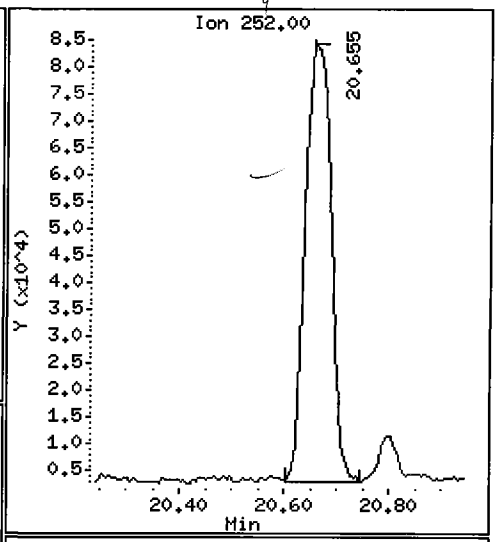
Column diameter: 0.32

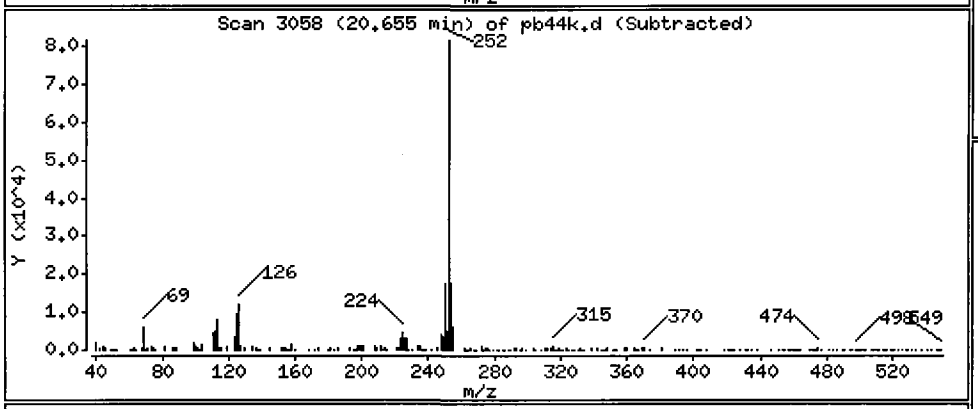
74 Benzo(b)fluoranthene

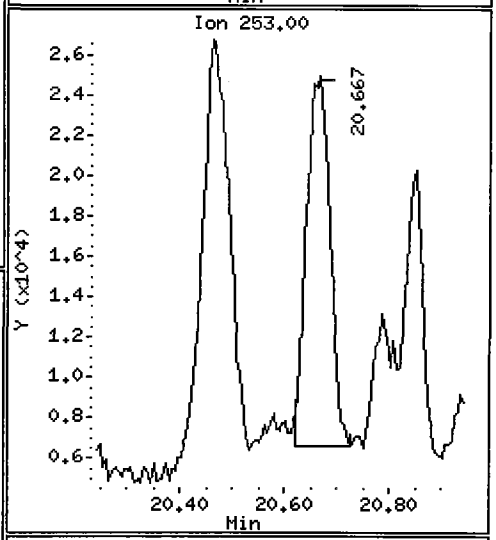
Concentration: 127.7 ug/kg

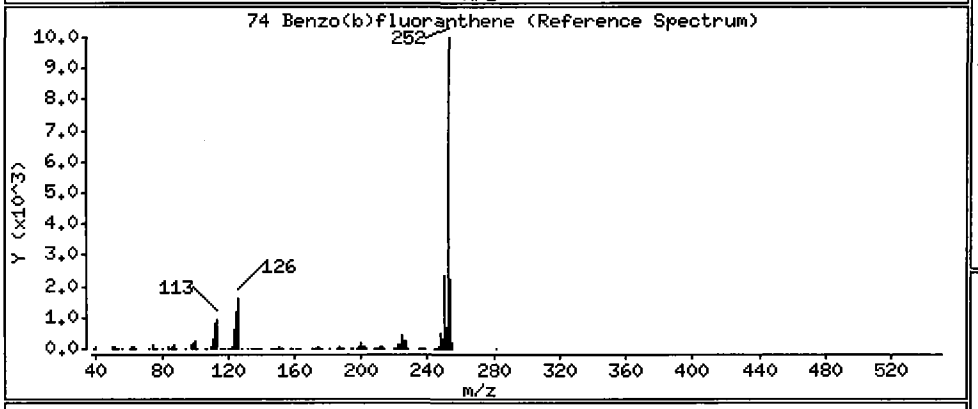
1/2

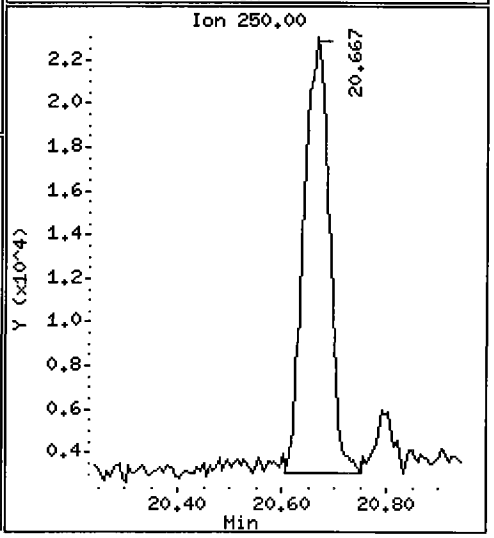


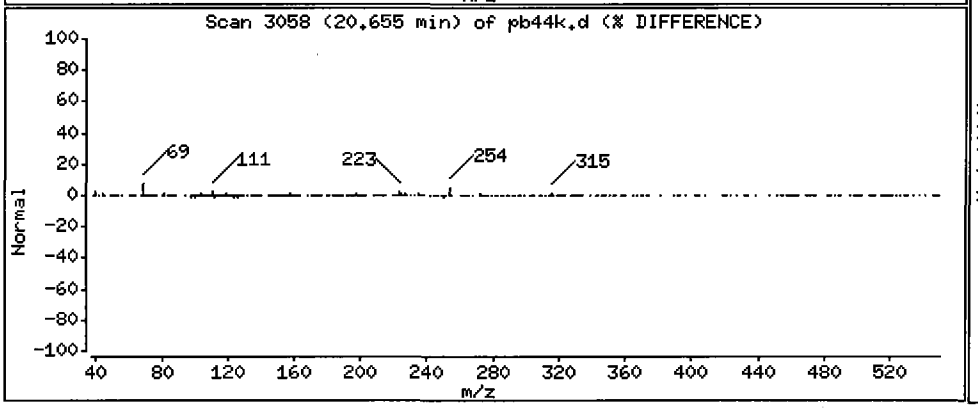












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

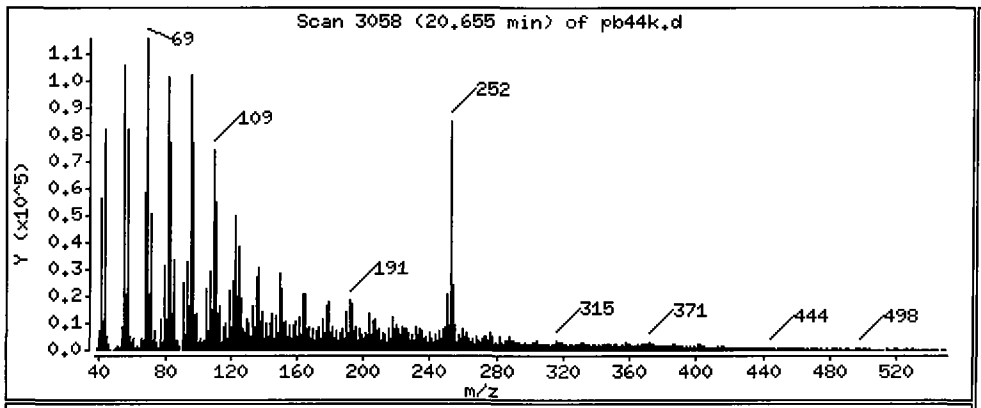
Operator: LJR/VTS

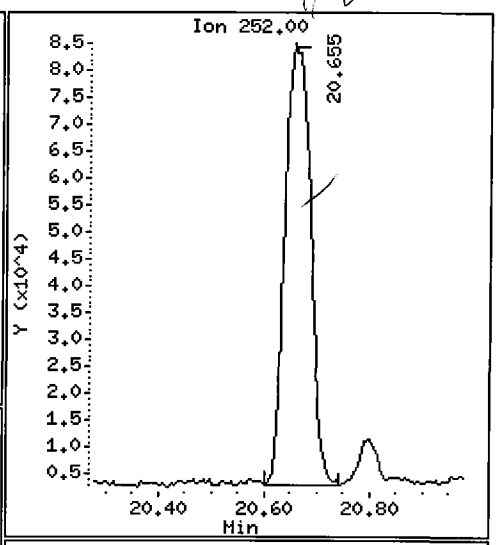
Column phase: ZB-5

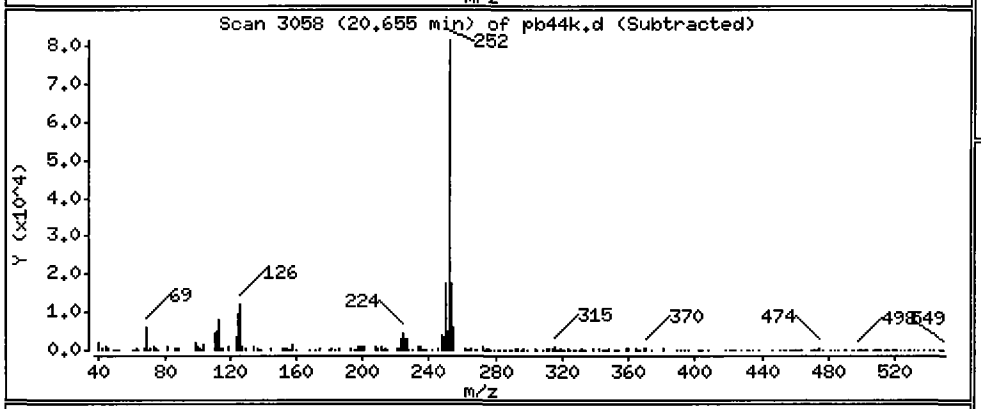
Column diameter: 0.32

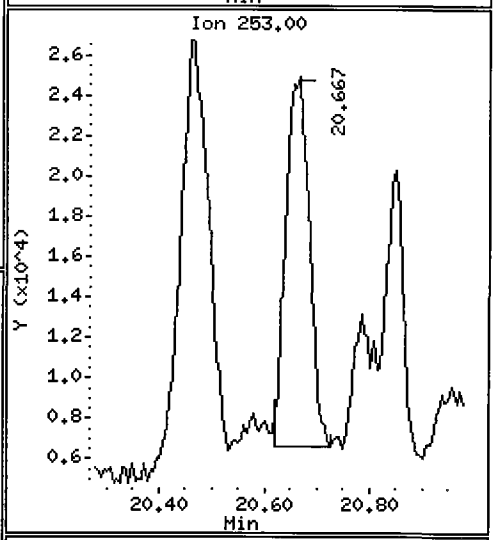
75 Benzo(k)fluoranthene

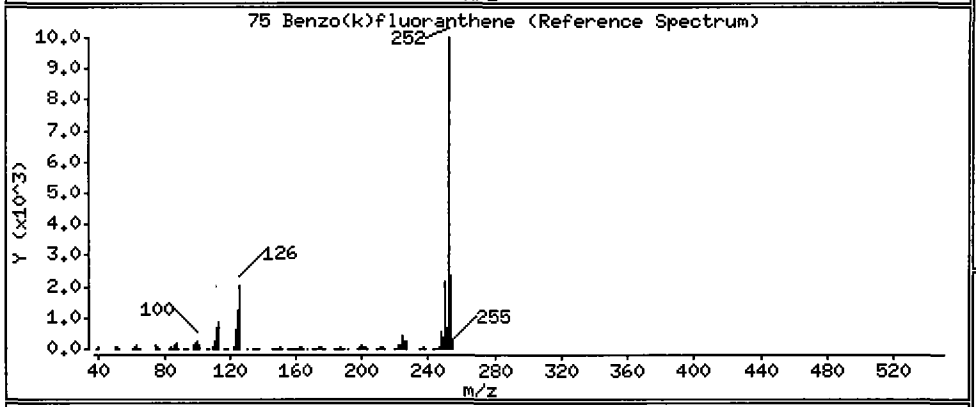
Concentration: 123.4 ug/kg

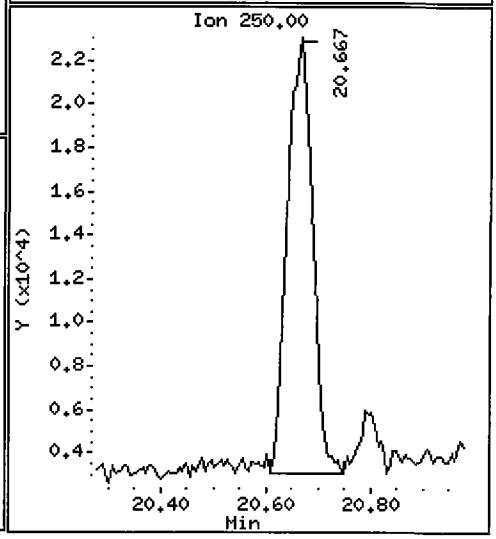


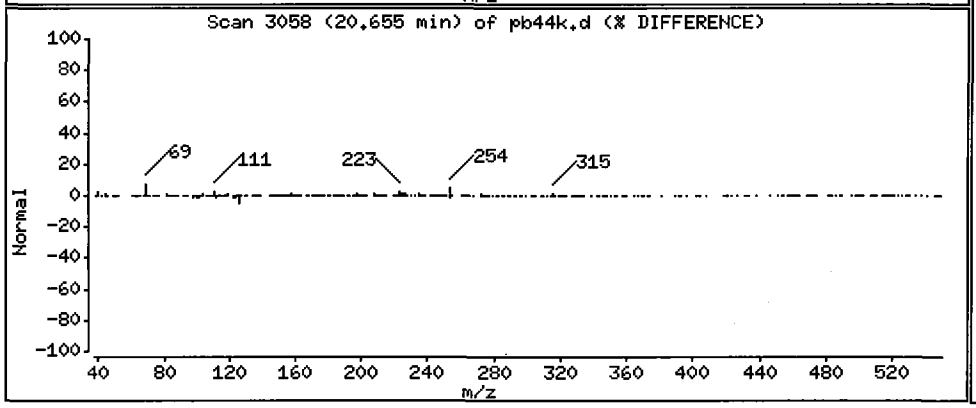












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

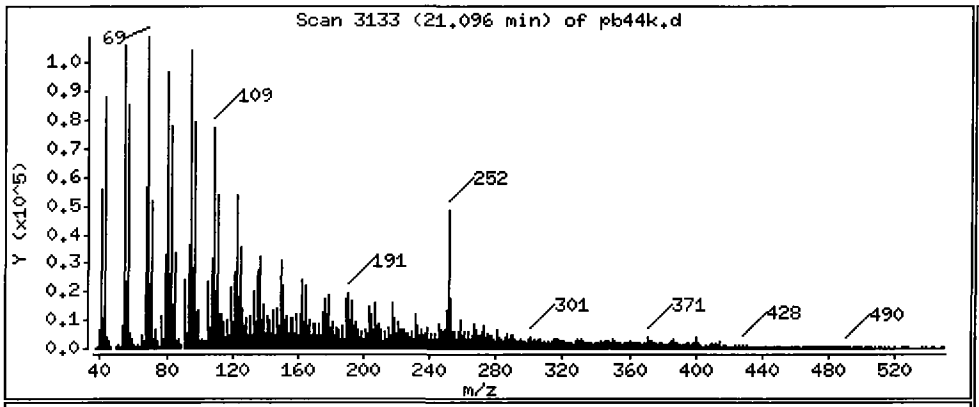
Operator: LJR/VTS

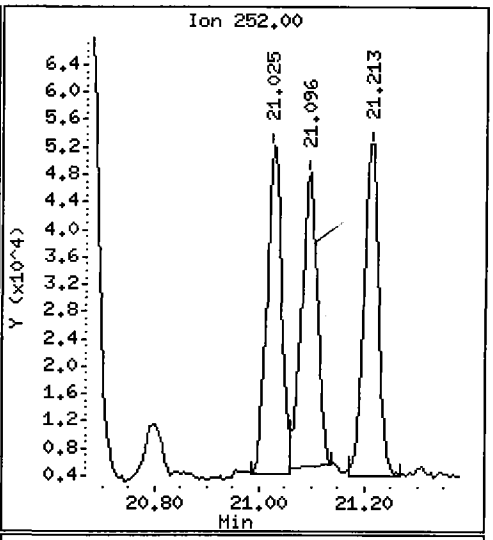
Column phase: ZB-5

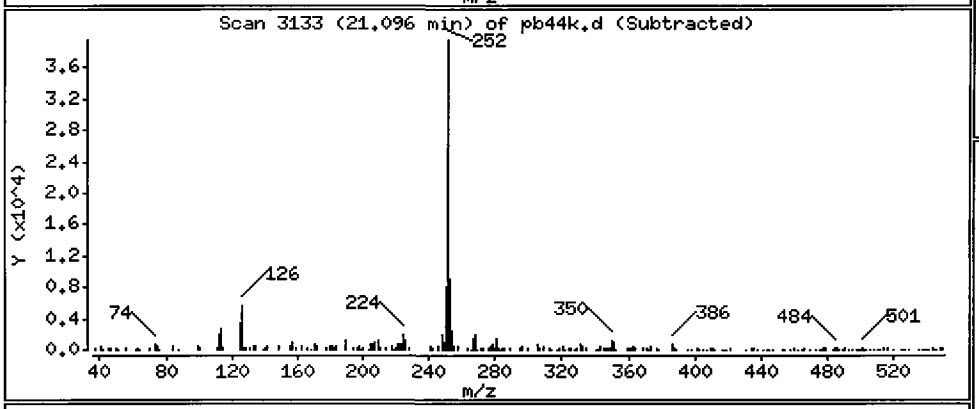
Column diameter: 0.32

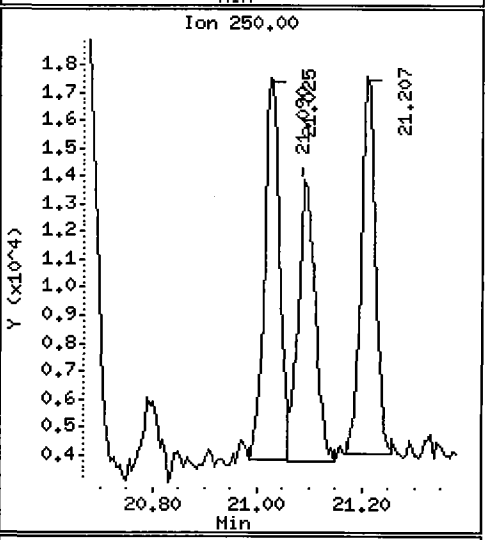
76 Benzo(a)pyrene

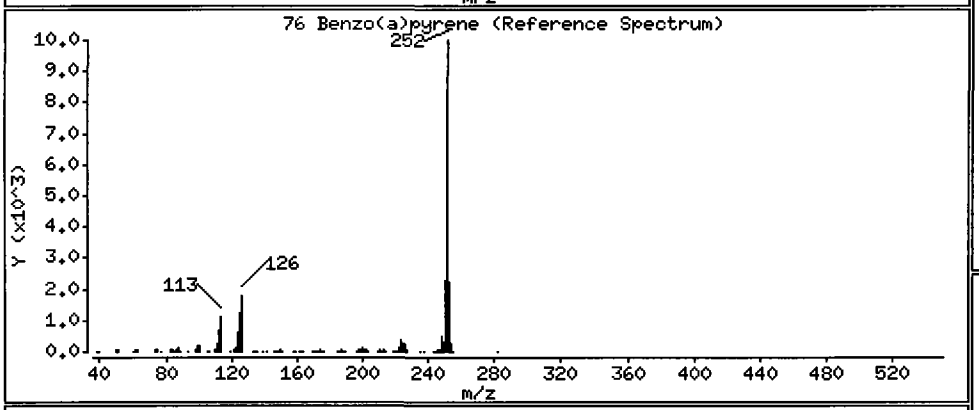
Concentration: 46.45 ug/kg

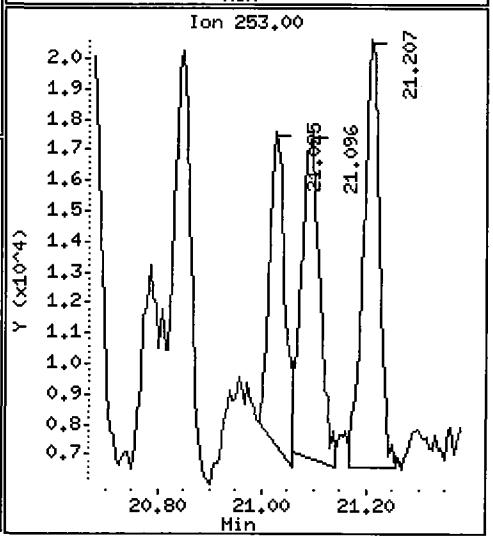


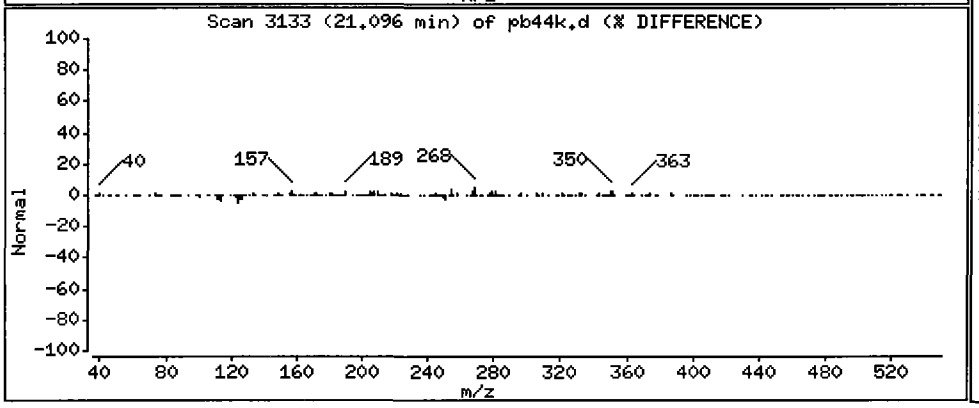












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

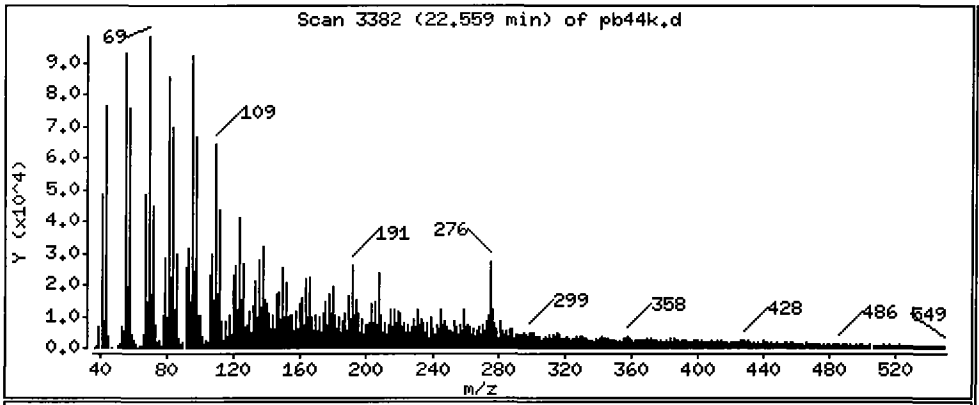
Operator: LJR/VTS

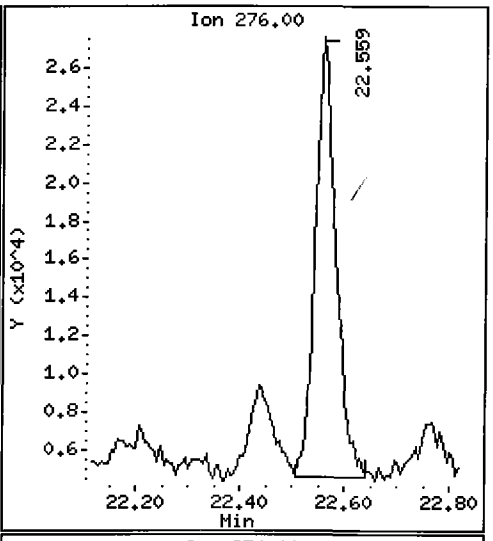
Column phase: ZB-5

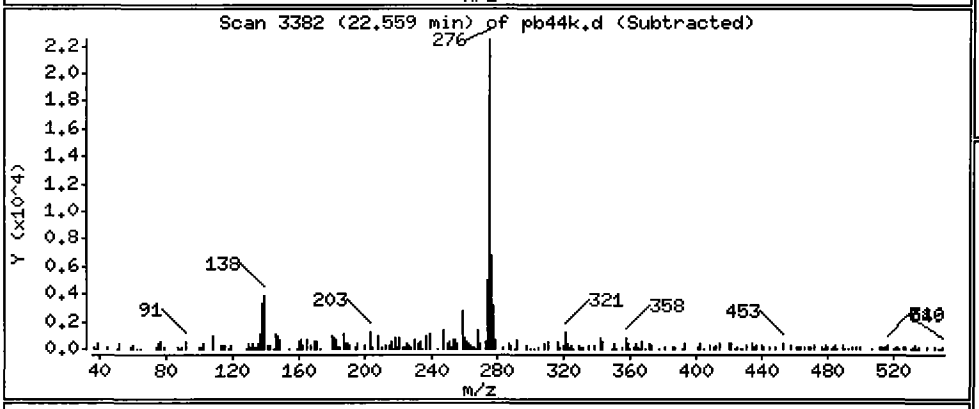
Column diameter: 0.32

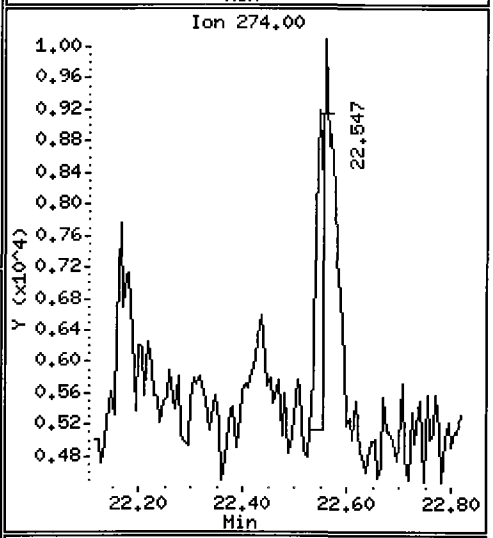
78 Indeno(1,2,3-cd)pyrene

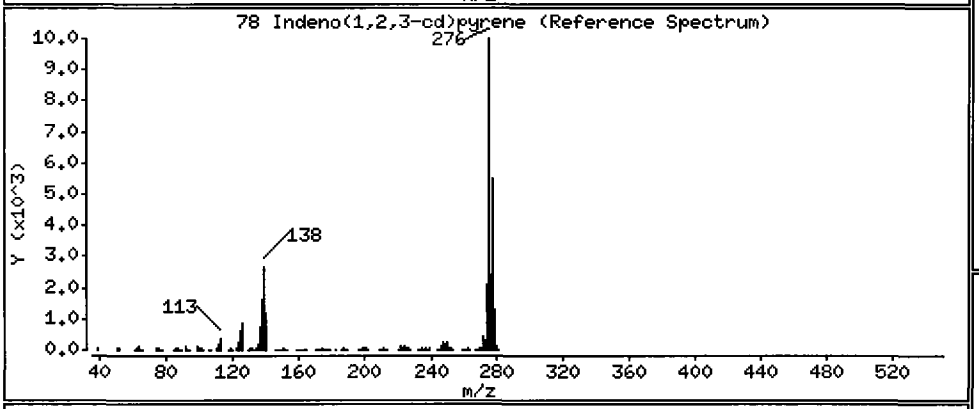
Concentration: 26.35 ug/kg

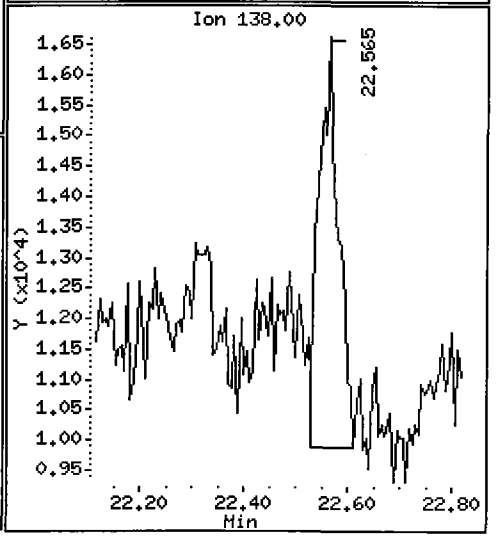


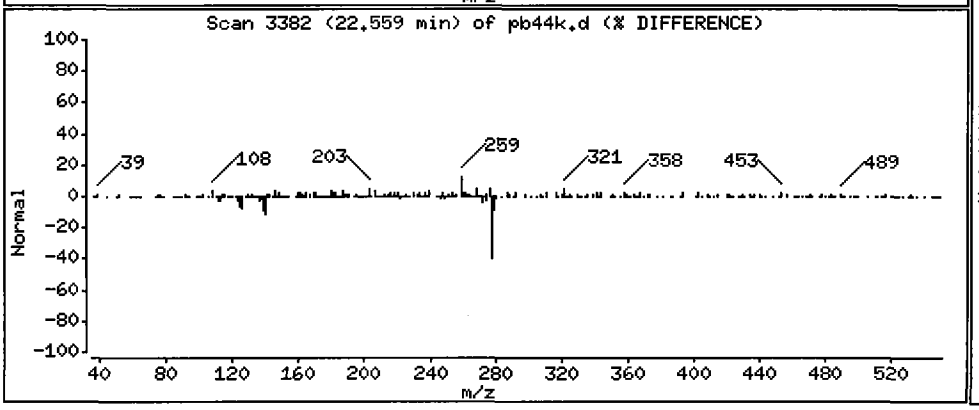












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

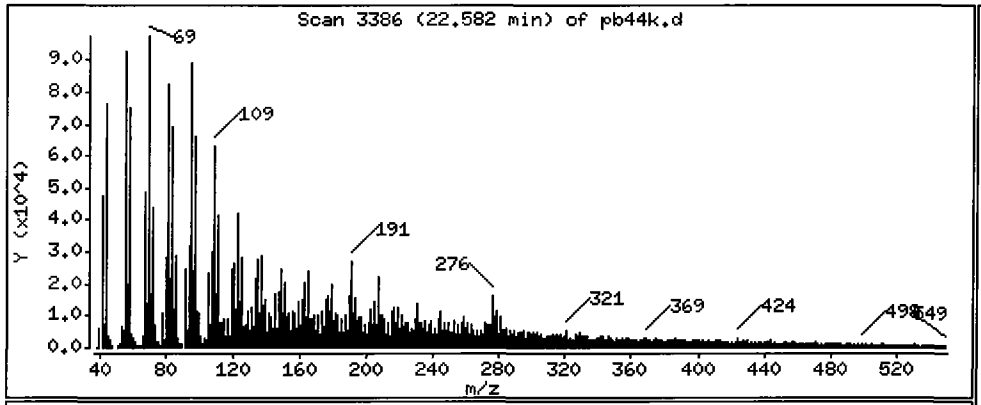
Operator: LJR/VTS

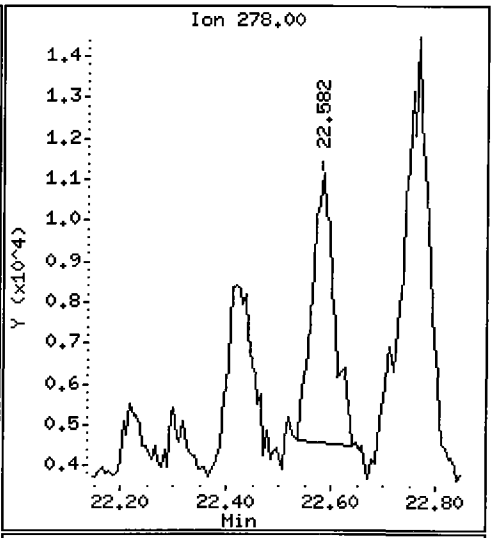
Column phase: ZB-5

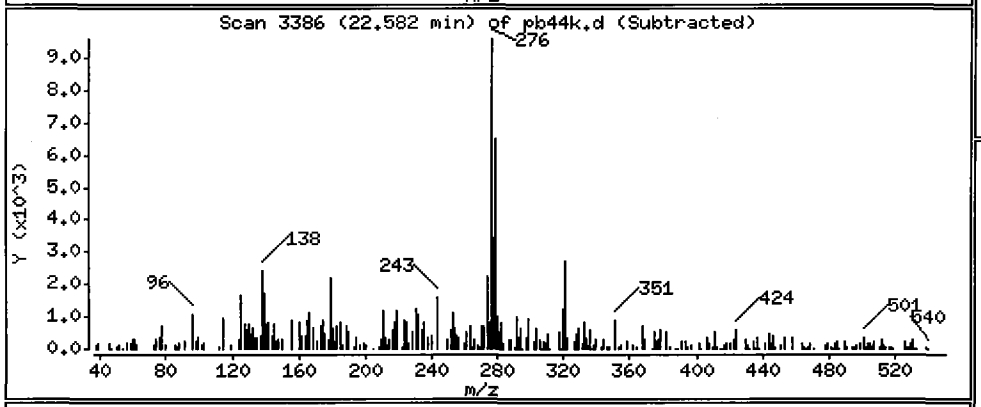
Column diameter: 0.32

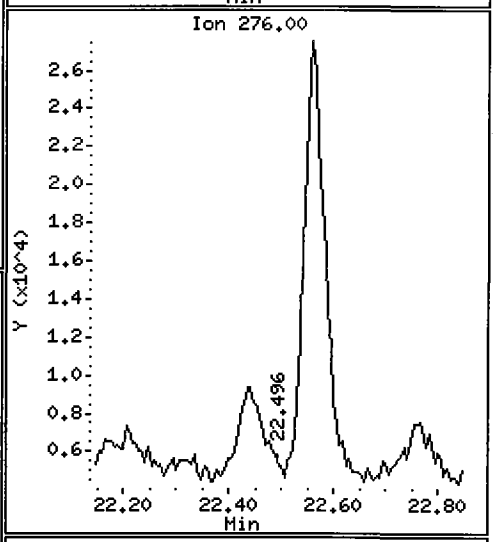
79 Dibenzo(a,h)anthracene

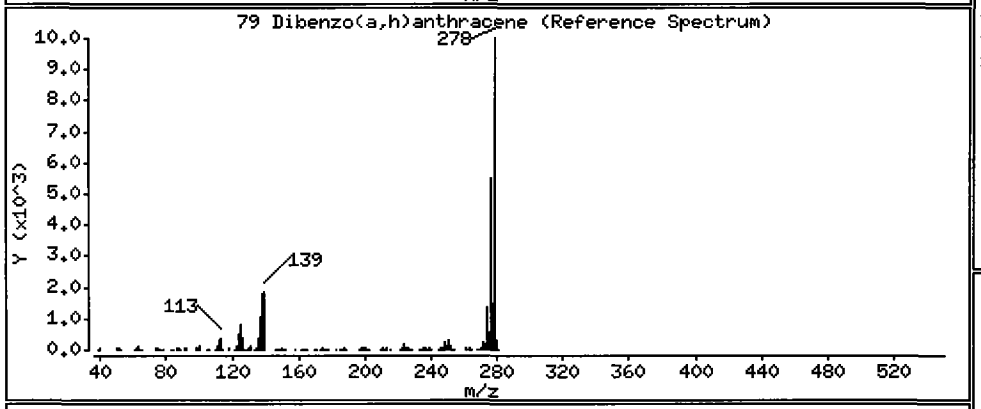
Concentration: 9.829 ug/kg

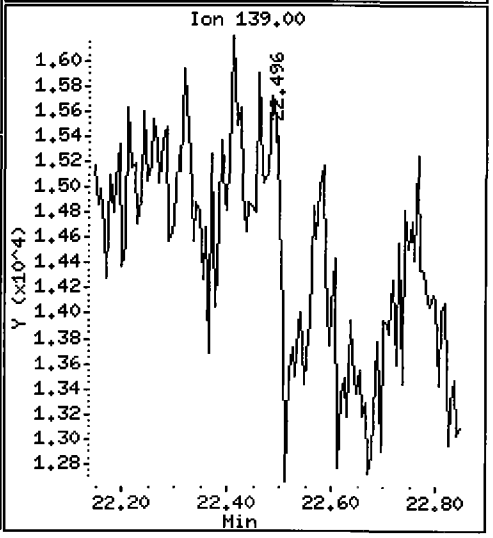


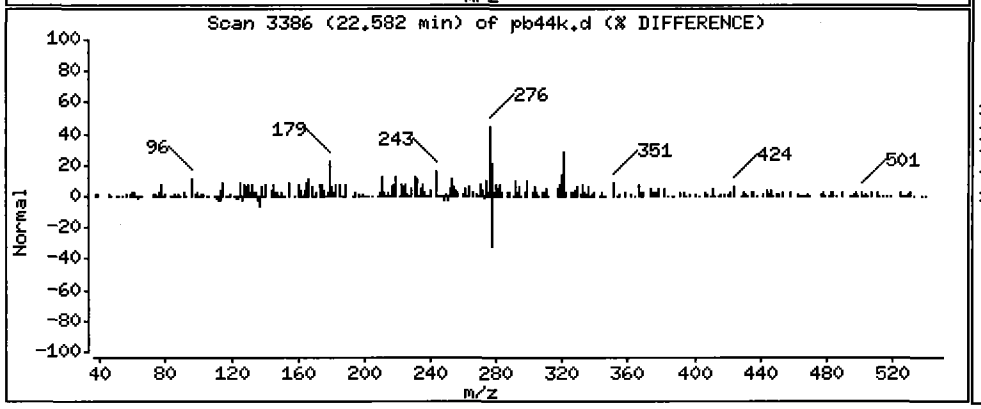












Data File: /chem3/nt4.i/20090616.b/pb44k.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-B

Instrument: nt4.i

Sample Info: PB44K

Volume Injected (uL): 1.0

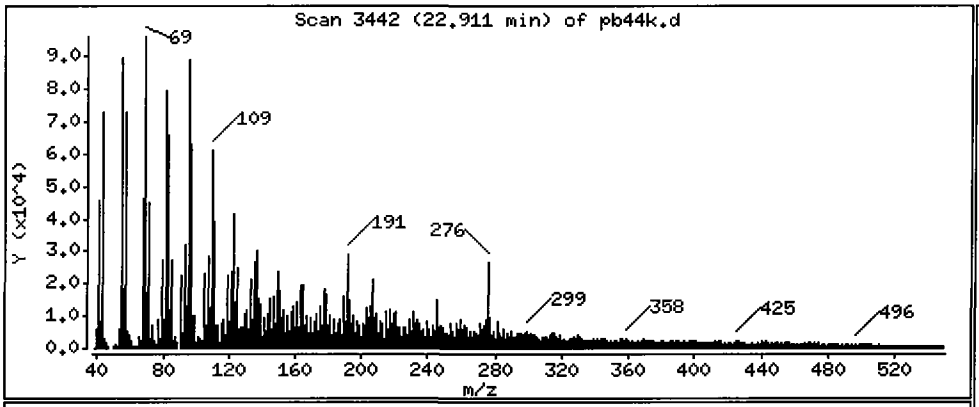
Operator: LJR/VTS

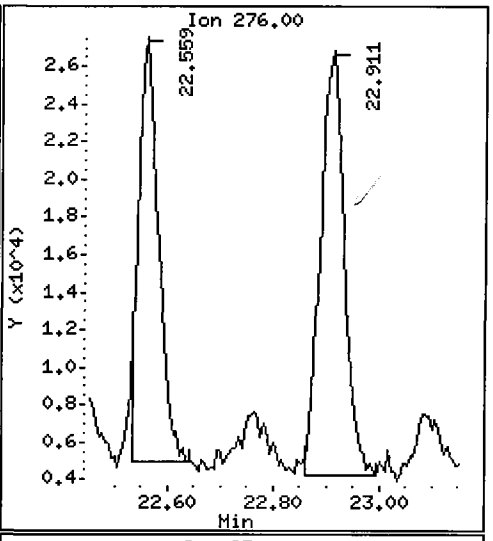
Column phase: ZB-5

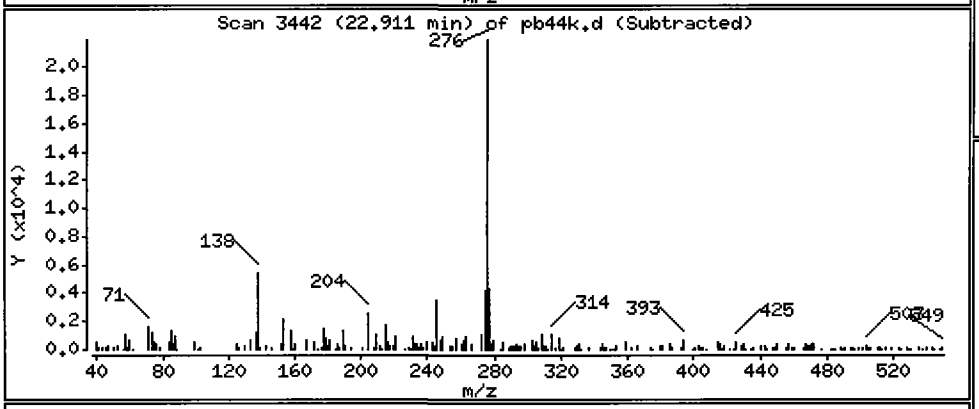
Column diameter: 0.32

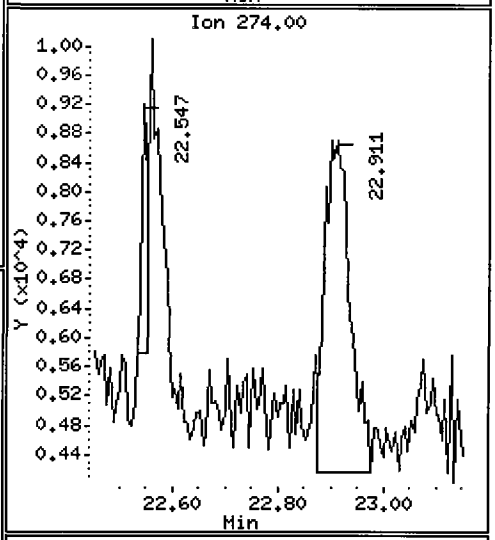
80 Benzo(g,h,i)perylene

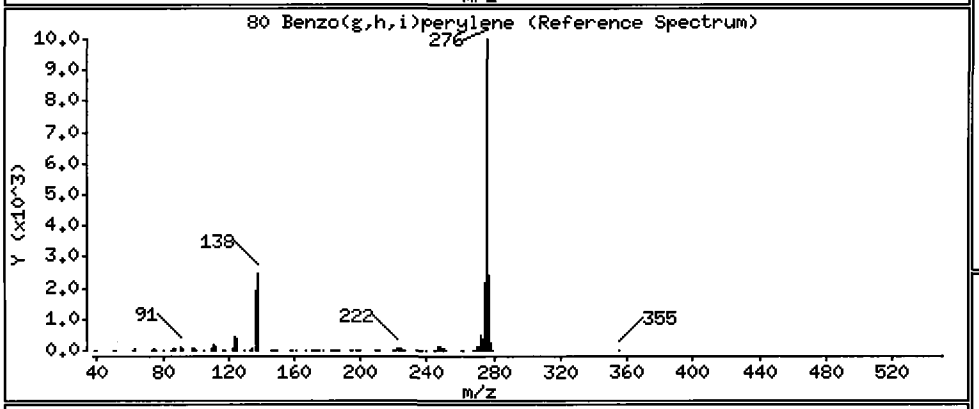
Concentration: 32.75 ug/kg

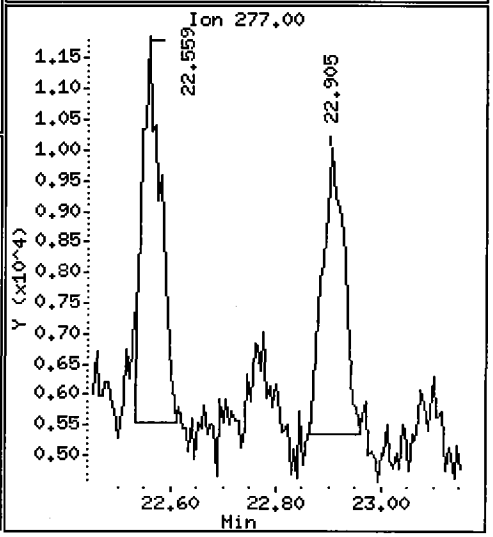


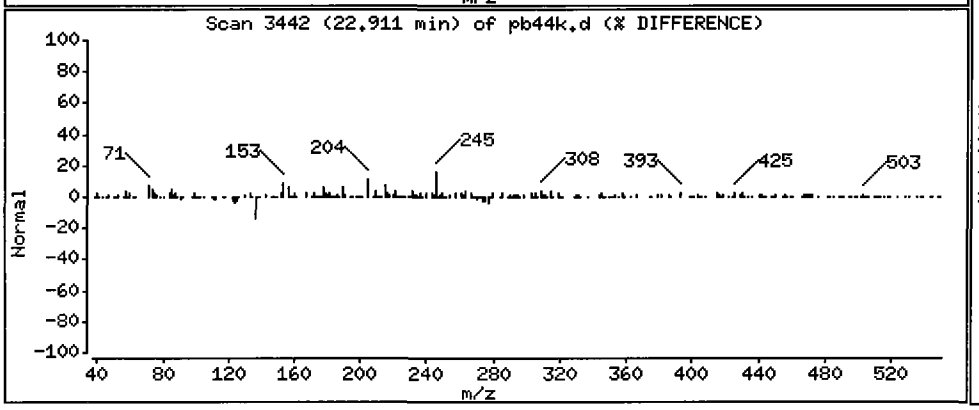












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED7-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44L
LIMS ID: 09-12798
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 22:18
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 49.4%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**73**
120-12-7	**Anthracene**	**20**	**28**
84-74-2	**Di-n-Butylphthalate**	**20**	**13 J**
206-44-0	**Fluoranthene**	**20**	**190**
129-00-0	**Pyrene**	**20**	**140**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**79**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**100**
218-01-9	**Chrysene**	**20**	**190**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**76**
207-08-9	**Benzo(k)fluoranthene**	**20**	**76**
50-32-8	**Benzo(a)pyrene**	**20**	**63**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**31**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**11 J**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**36**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.2%	2-Fluorobiphenyl	67.2%
d14-p-Terphenyl	66.4%	d4-1,2-Dichlorobenzene	48.4%
d5-Phenol	66.7%	2-Fluorophenol	56.8%
2,4,6-Tribromophenol	89.3%	d4-2-Chlorophenol	68.0%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44l.d
Lab Smp Id: PB44L Client Smp ID: 3SED7-C
Inj Date : 16-JUN-2009 22:18
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44L
Misc Info : 09-12798
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	50.30000	Weight of sample extracted (g)
M	49.40000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.538	5.475	(0.740)	286509	21.2843	418.1
$	2 Phenol-d5	99	7.213	7.091	(0.964)	458505	25.0139	491.4
	3 Phenol	94	7.236	7.114	(0.967)	13192	0.62998 LDL	12.38
$	5 2-Chlorophenol-d4	132	7.218	7.167	(0.965)	288478	25.4824	500.6
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.483	7.461	(1.000)	175688	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.777	7.761	(1.039)	99888	12.0856	237.4
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.417	8.401	(0.884)	262620	14.7840	290.4
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.522	9.506	(1.000)	626001	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.320	11.309	(0.915)	463712	16.7600	329.3
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.365	12.344	(1.000)	365014	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.658	13.636	(1.105)	112836	33.4614	657.3
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.721	14.694	(1.000)	626641	20.0000	
	60 Phenanthrene	178	14.757	14.735	(1.002)	148795	3.72055	73.09
	61 Anthracene	178	14.827	14.805	(1.007)	58570	1.44274	28.34
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	15.873	15.845	(1.078)	29127	0.65650 LDL	12.90
64	Fluoranthene	202	16.690	16.650	(1.134)	382873	9.65443	189.7
65	Pyrene	202	17.036	16.997	(0.896)	356795	7.01667	137.8
$ 66	Terphenyl-d14	244	17.377	17.338	(0.914)	502632	16.5629	325.4
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	19.005	18.948	(0.999)	164496	4.03483	79.26
* 69	Chrysene-d12	240	19.022	18.977	(1.000)	590615	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.063	19.018	(1.002)	378322	9.48927	186.4
72	bis(2-Ethylhexyl)phthalate	149	19.293	19.247	(0.954)	153283	5.14211	101.0
* 134	Di-n-octylphthalate-d4	153	20.227	20.181	(1.000)	921699	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	20.667	20.593	(0.976)	331988	7.91999 > T	155.6 3.893
75	Benzo(k)fluoranthene	252	20.667	20.628	(0.976)	331988	7.65337	150.4 3.893
76	Benzo(a)pyrene	252	21.102	21.027	(0.996)	120213	3.20839	63.03
* 77	Perylene-d12	264	21.184	21.110	(1.000)	599895	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.577	22.467	(1.066)	75518	1.60502	31.53
79	Dibenzo(a,h)anthracene	278	22.595	22.496	(1.067)	21470	0.55969 LDL	11.00(MH)
80	Benzo(g,h,i)perylene	276	22.918	22.802	(1.082)	77098	1.81329	35.62
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44l.d
Lab Smp Id: PB44L
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12798

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED7-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	175688	-2.74
27 Naphthalene-d8	633172	316586	1266344	626001	-1.13
42 Acenaphthene-d10	336916	168458	673832	365014	8.34
59 Phenanthrene-d10	514258	257129	1028516	626641	21.85
69 Chrysene-d12	376875	188438	753750	590615	56.71
134 Di-n-octylphthala	640574	320287	1281148	921699	43.89
77 Perylene-d12	383864	191932	767728	599895	56.28

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.48	0.29
27 Naphthalene-d8	9.51	9.01	10.01	9.52	0.17
42 Acenaphthene-d10	12.34	11.84	12.84	12.37	0.18
59 Phenanthrene-d10	14.69	14.19	15.19	14.72	0.19
69 Chrysene-d12	18.98	18.48	19.48	19.02	0.24
134 Di-n-octylphthala	20.18	19.68	20.68	20.23	0.22
77 Perylene-d12	21.11	20.61	21.61	21.18	0.35

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44L
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12798

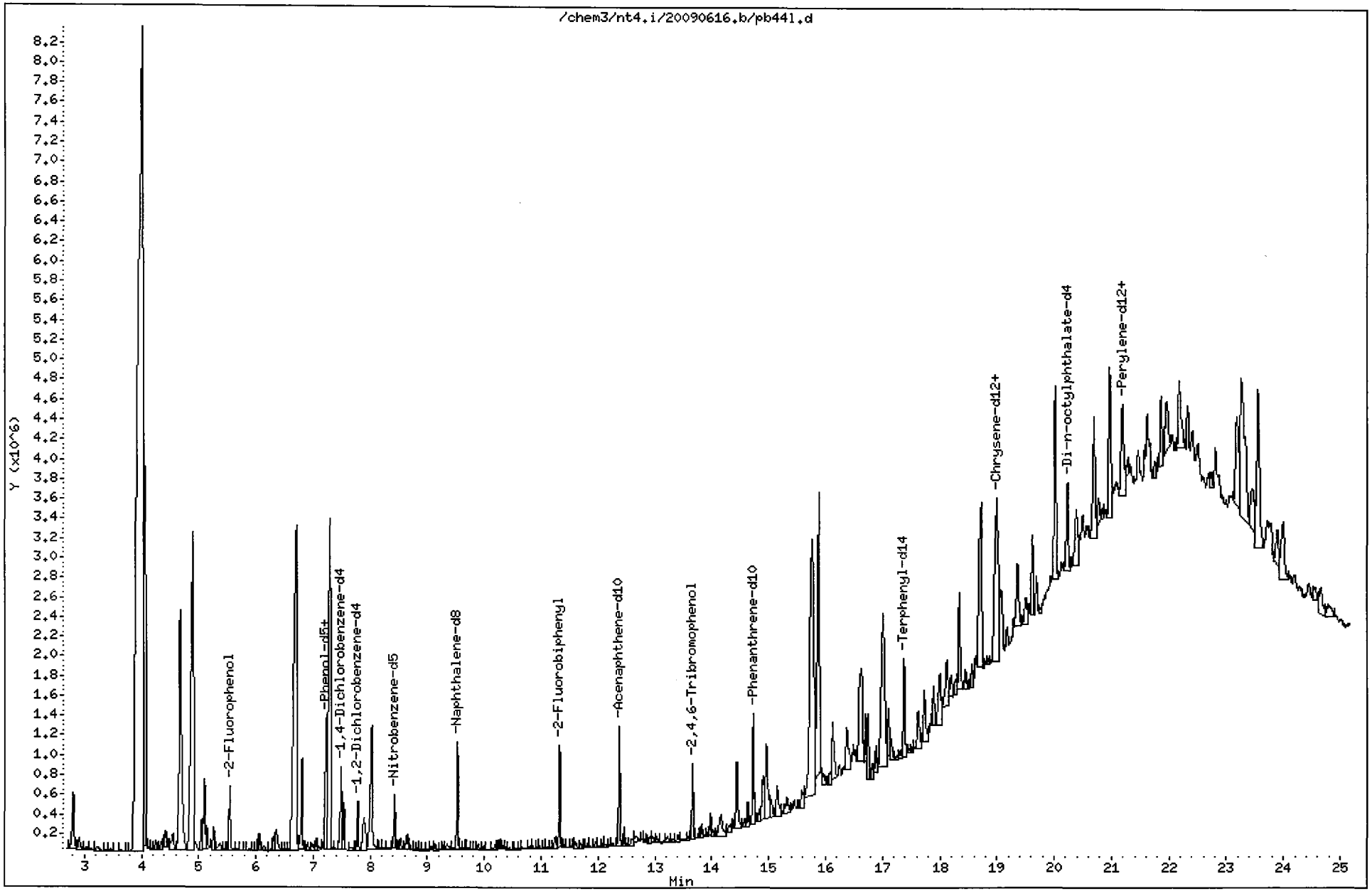
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED7-C
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	736.7	418.1	56.76	21-100
$ 2 Phenol-d5	736.7	491.4	66.70	10-100
$ 5 2-Chlorophenol-d4	736.7	500.6	67.95	30-100
$ 10 1,2-Dichlorobenzen	491.1	237.4	48.34	24-100
$ 18 Nitrobenzene-d5	491.1	290.4	59.14	26-100
$ 36 2-Fluorobiphenyl	491.1	329.3	67.04	32-100
$ 55 2,4,6-Tribromophen	736.7	657.3	89.23	33-118
$ 66 Terphenyl-d14	491.1	325.4	66.25	21-97

Data File: /chem3/nt4.i/20090616.b/pb441.d
Date : 16-JUN-2009 22:18
Client ID: 3SED7-C
Sample Info: PB44L
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: LJR/VTS
Column diameter: 0.32

PB44L 090327



Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

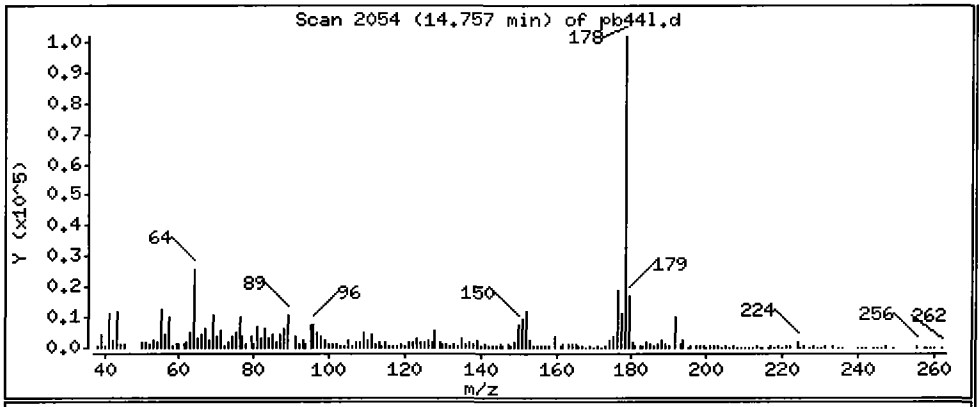
Operator: LJR/VTS

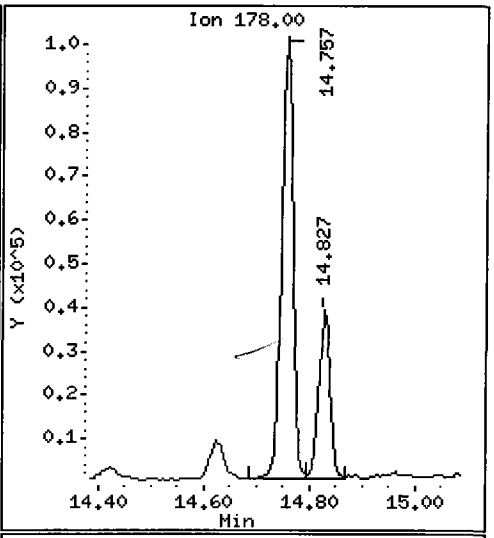
Column phase: ZB-5

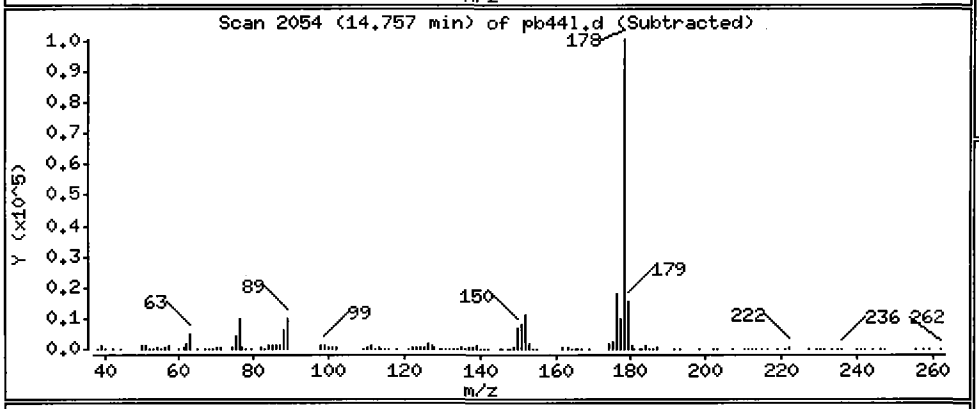
Column diameter: 0.32

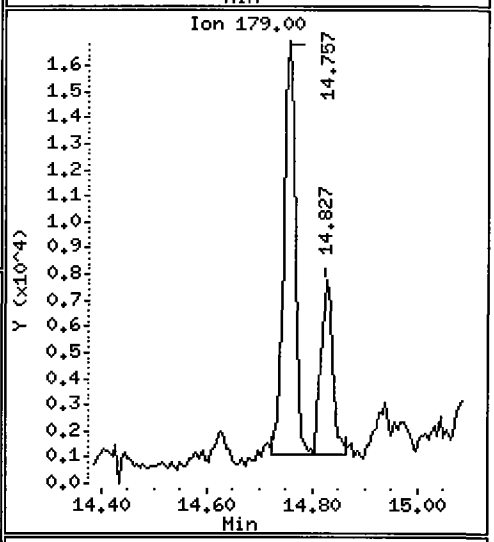
60 Phenanthrene

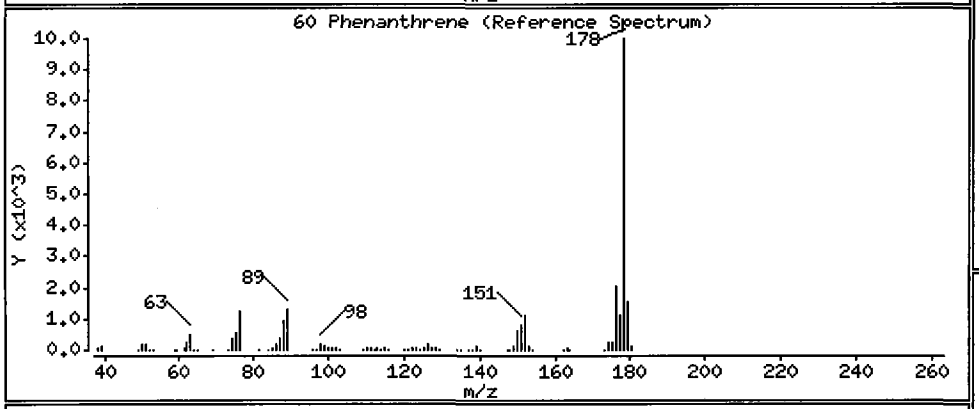
Concentration: 73.09 ug/kg

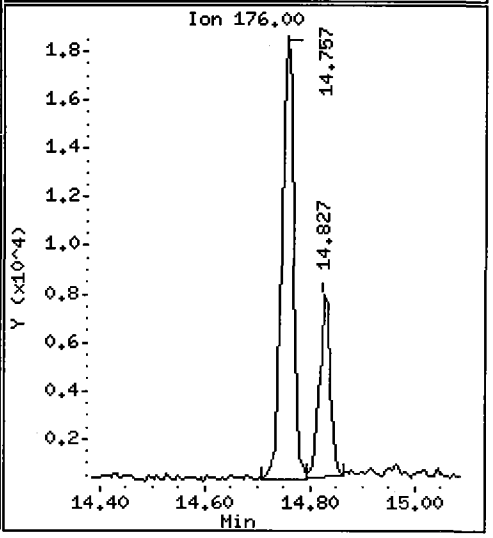


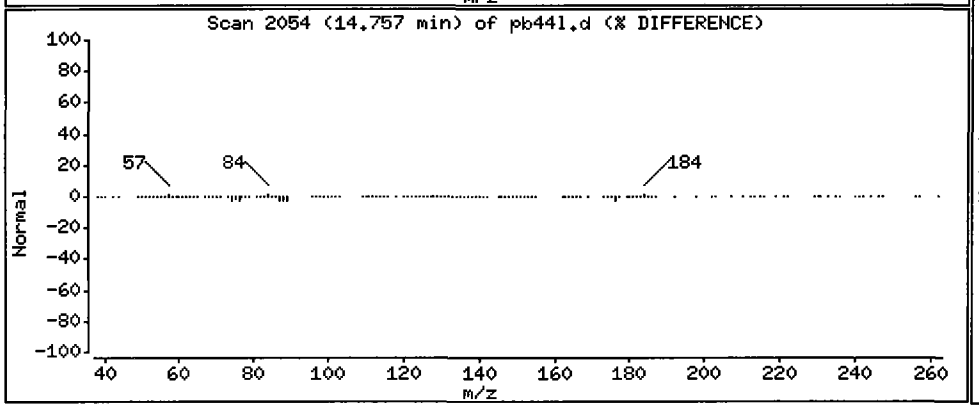












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

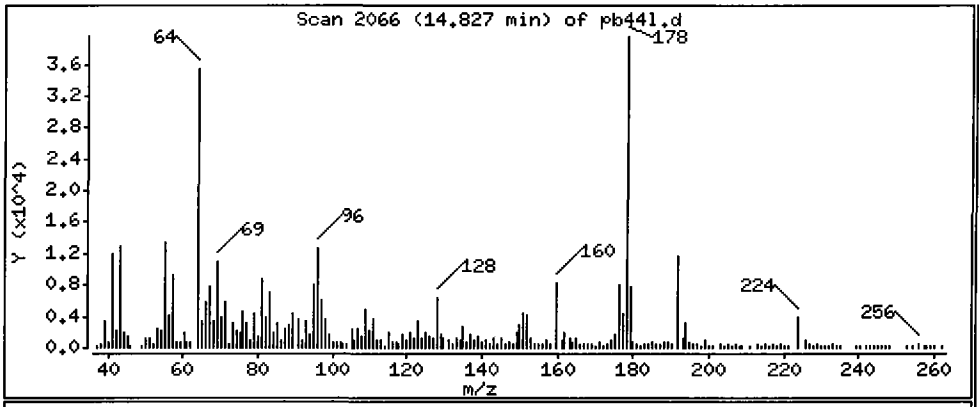
Operator: LJR/VTS

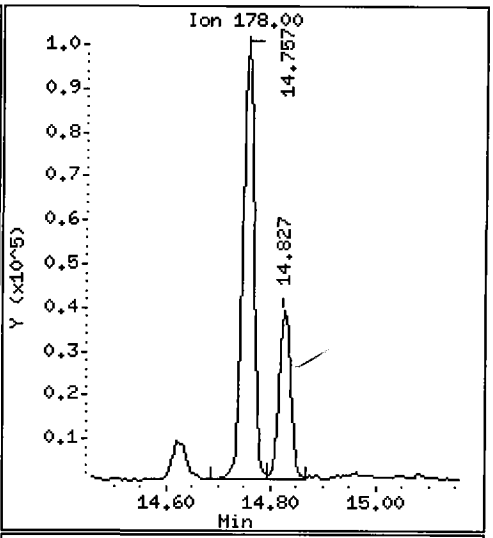
Column phase: ZB-5

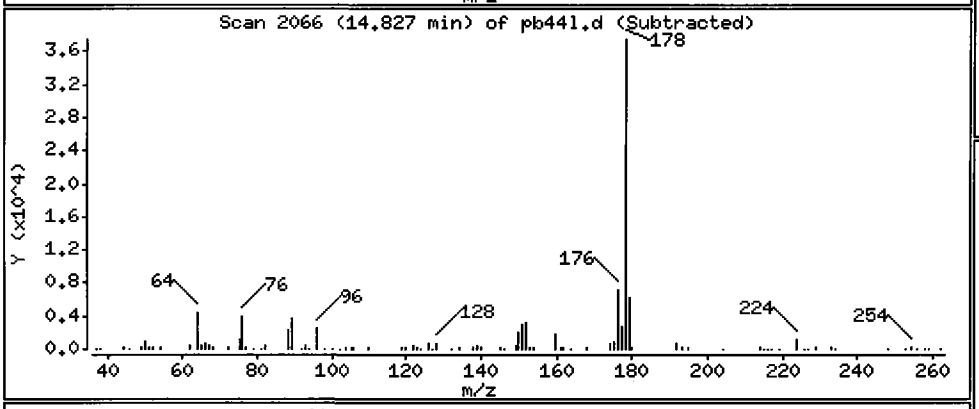
Column diameter: 0.32

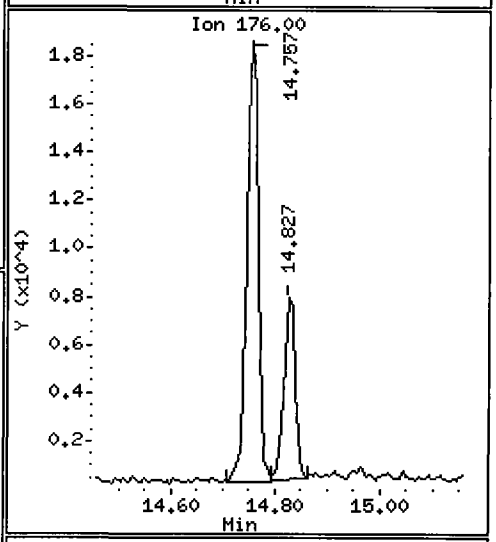
61 Anthracene

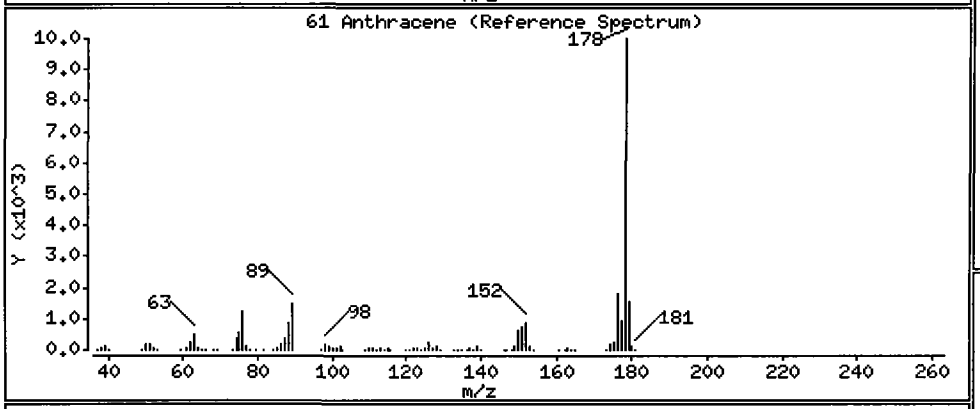
Concentration: 28.34 ug/kg

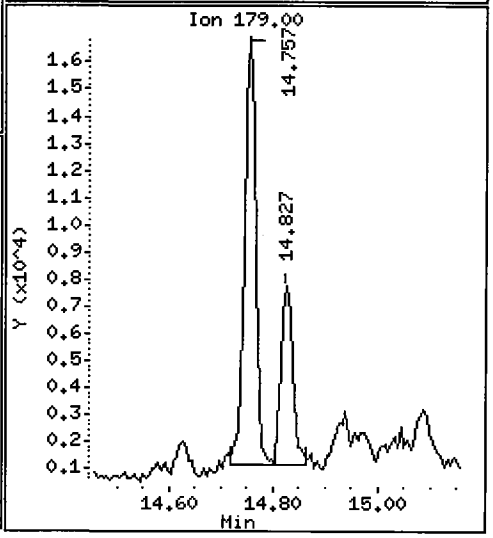


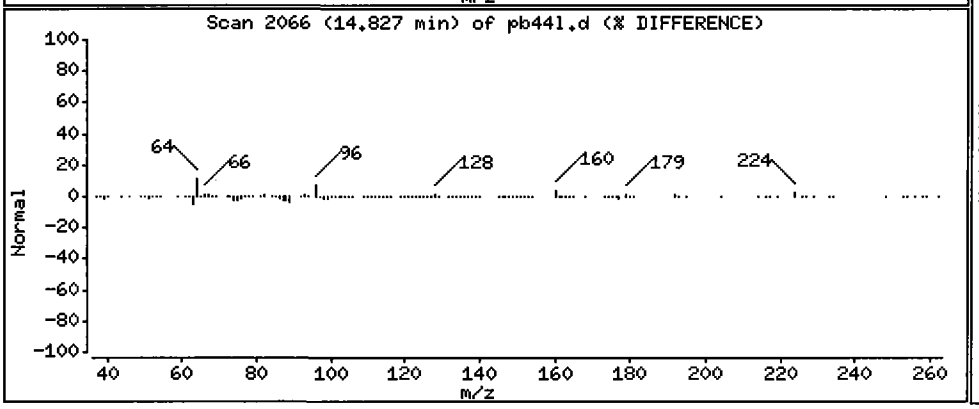












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

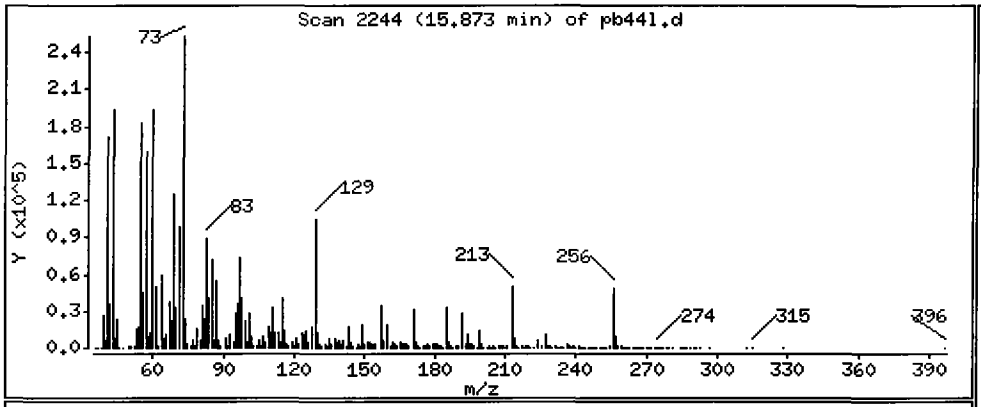
Operator: LJR/VTS

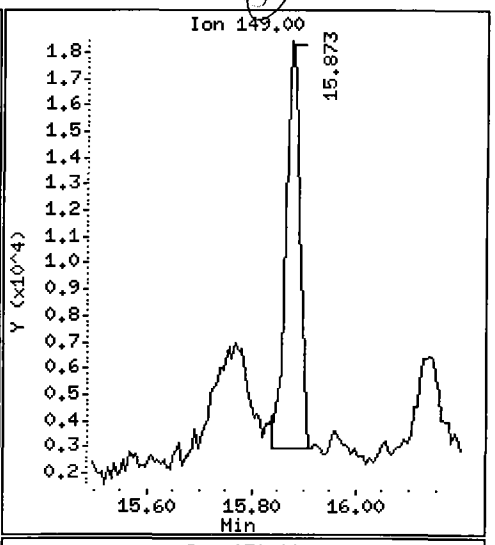
Column phase: ZB-5

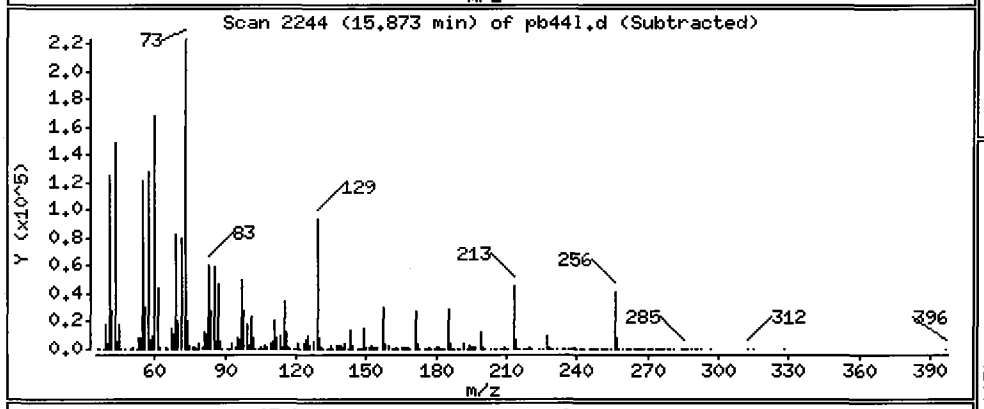
Column diameter: 0.32

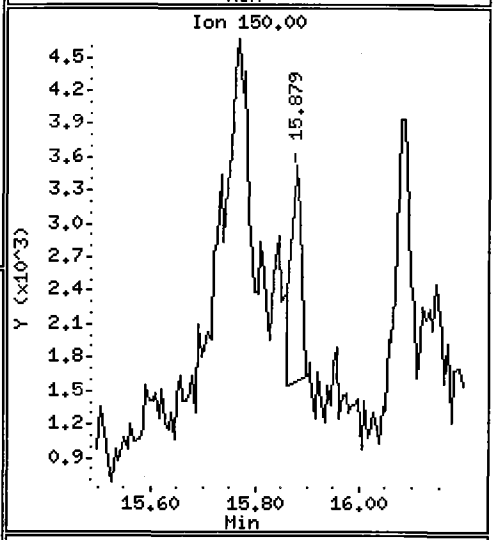
63 Di-n-butylphthalate

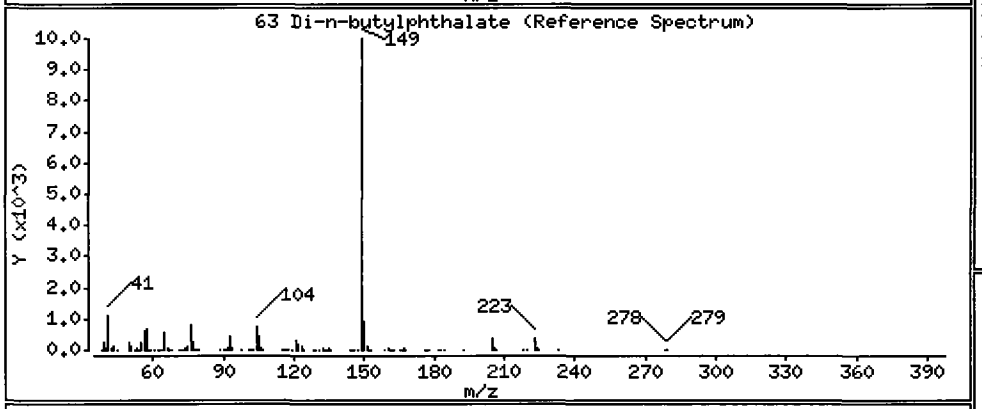
Concentration: 12.90 ug/kg

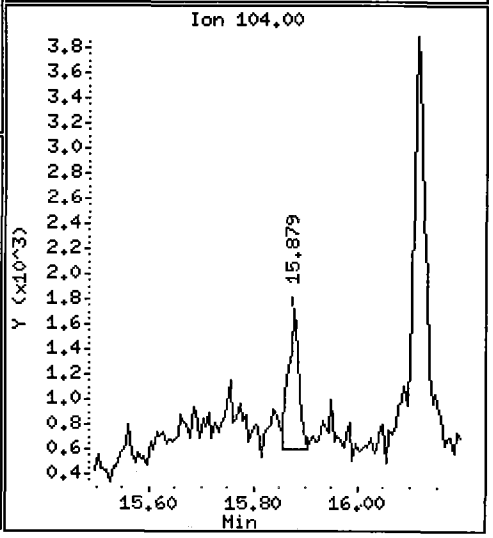


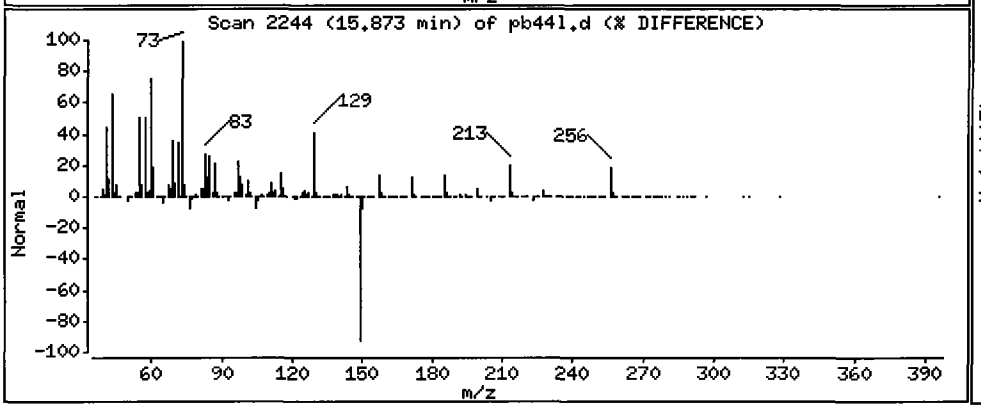












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

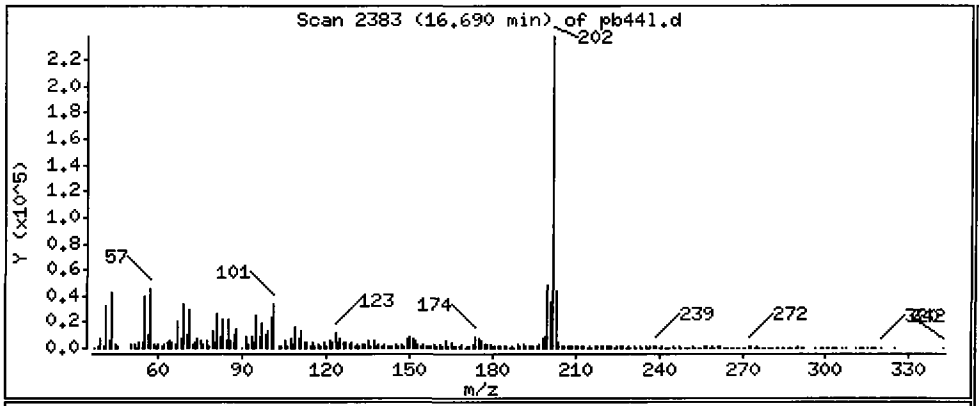
Operator: LJR/VTS

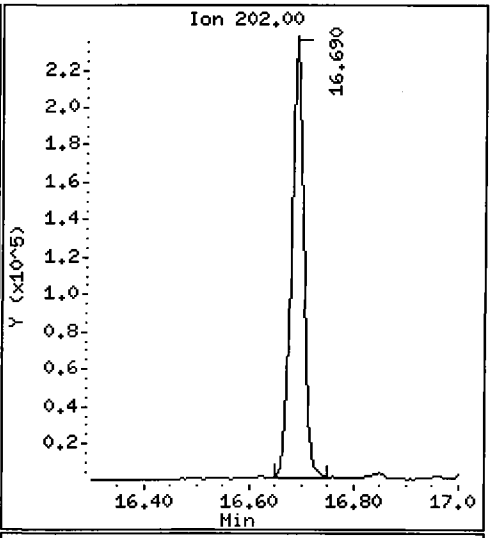
Column phase: ZB-5

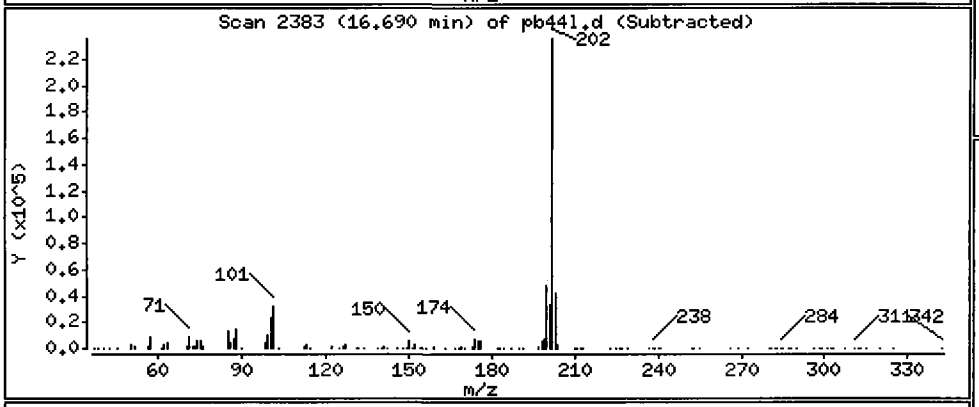
Column diameter: 0.32

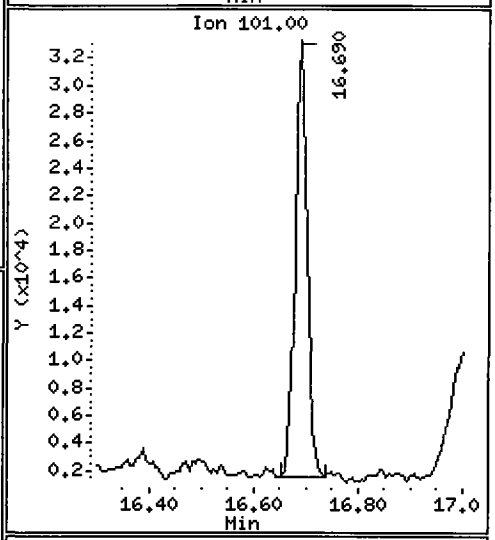
64 Fluoranthene

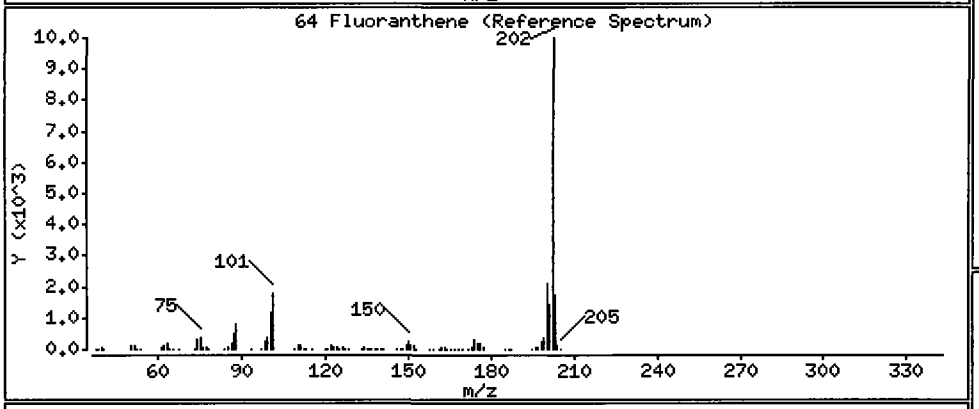
Concentration: 189.7 ug/kg

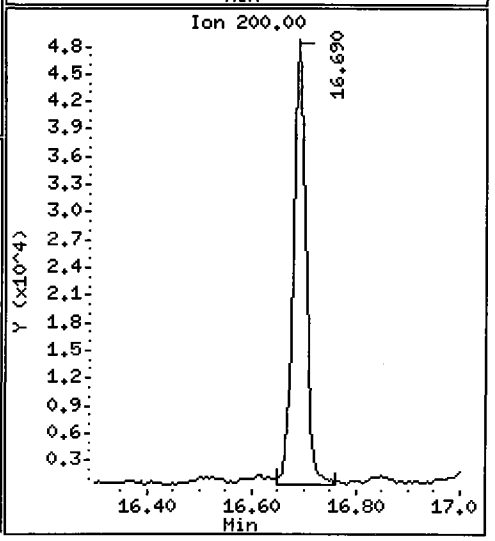


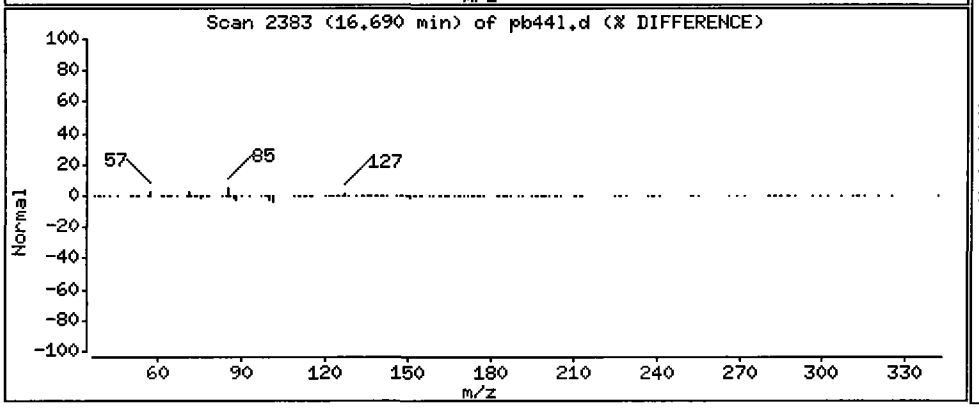












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

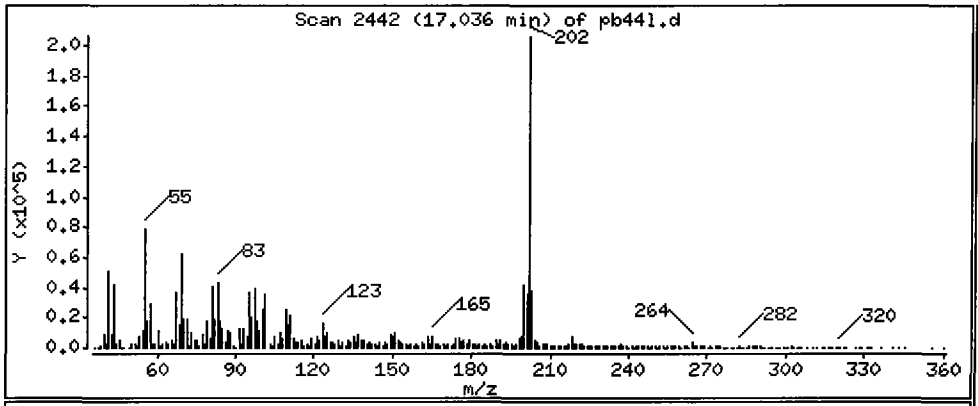
Operator: LJR/VTS

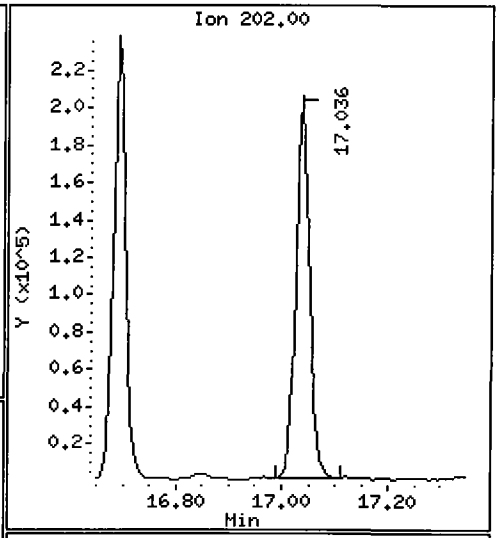
Column phase: ZB-5

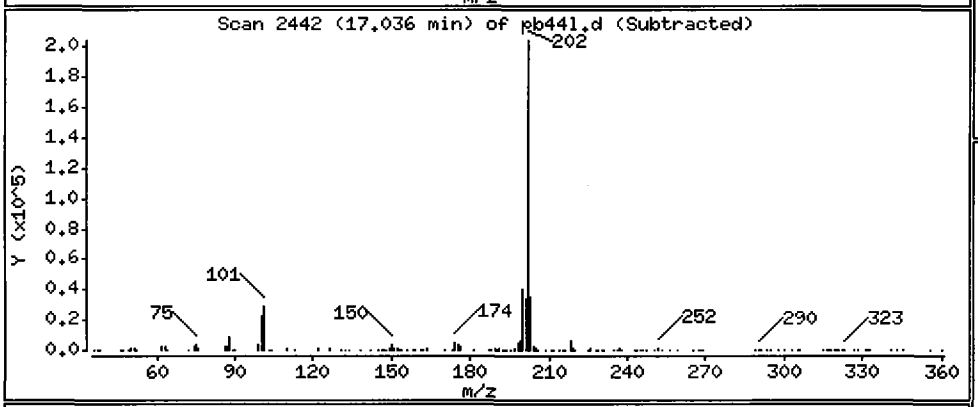
Column diameter: 0.32

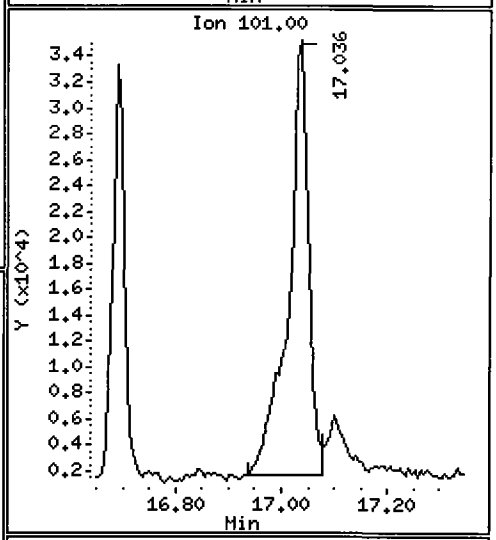
65 Pyrene

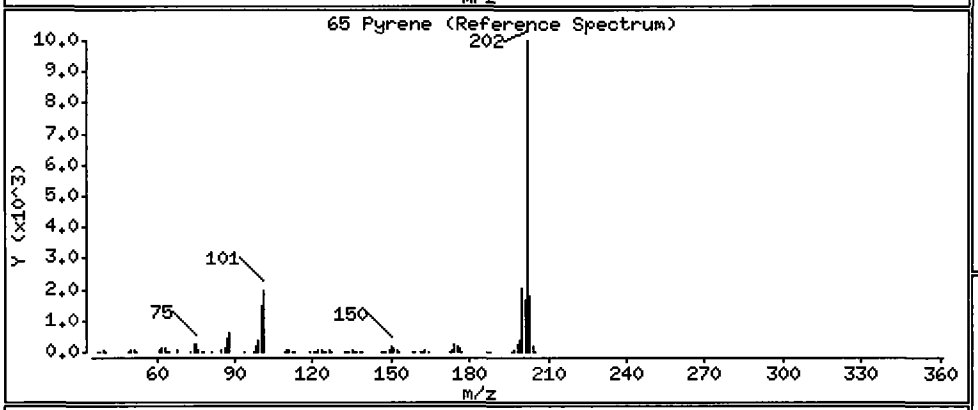
Concentration: 137.8 ug/kg

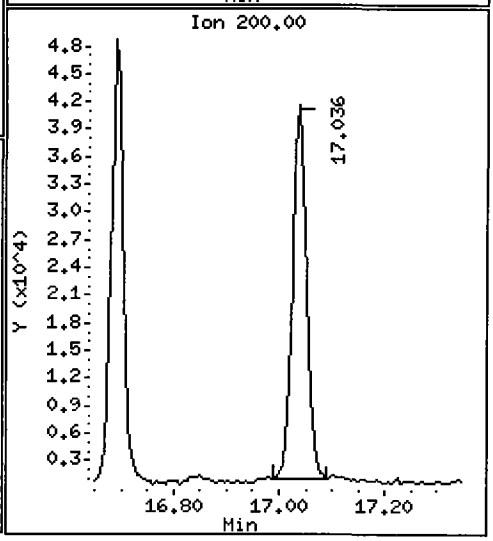


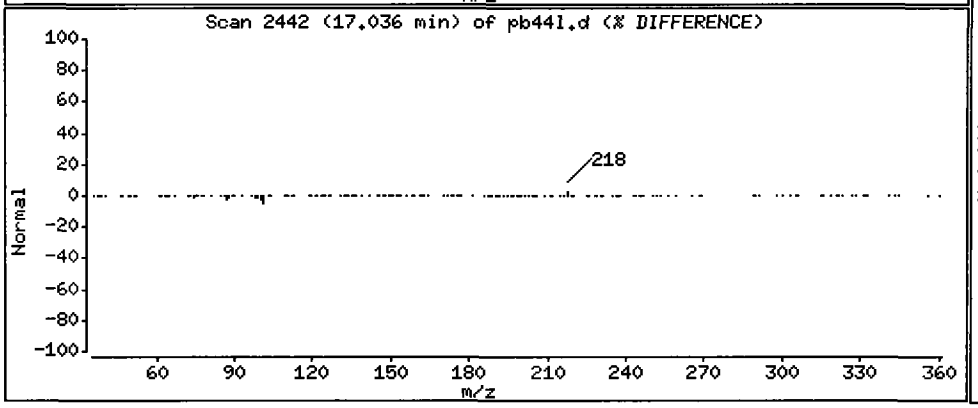












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

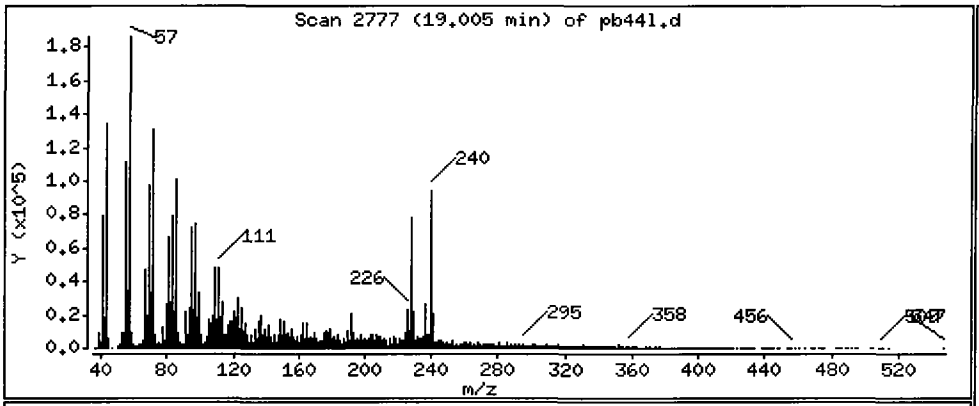
Operator: LJR/VTS

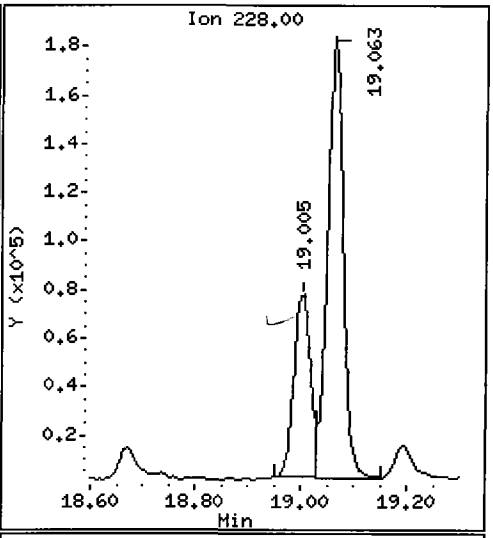
Column phase: ZB-5

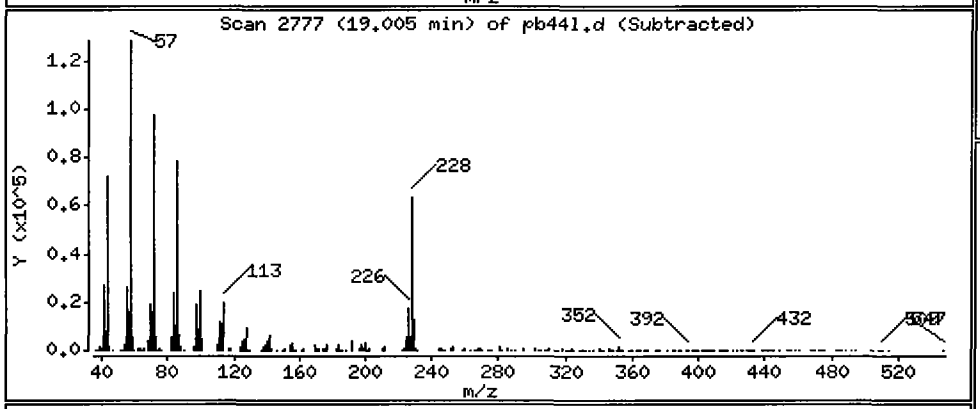
Column diameter: 0.32

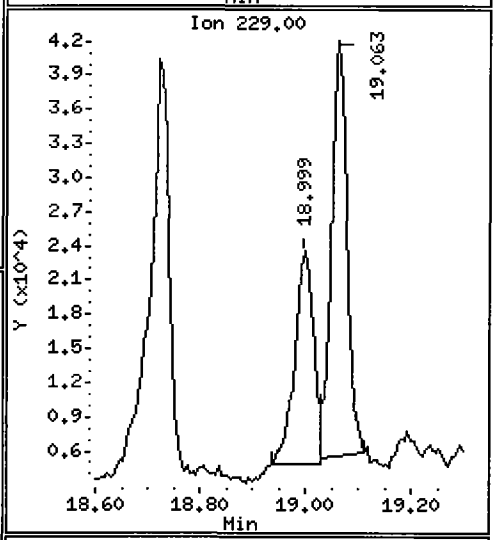
68 Benzo(a)anthracene

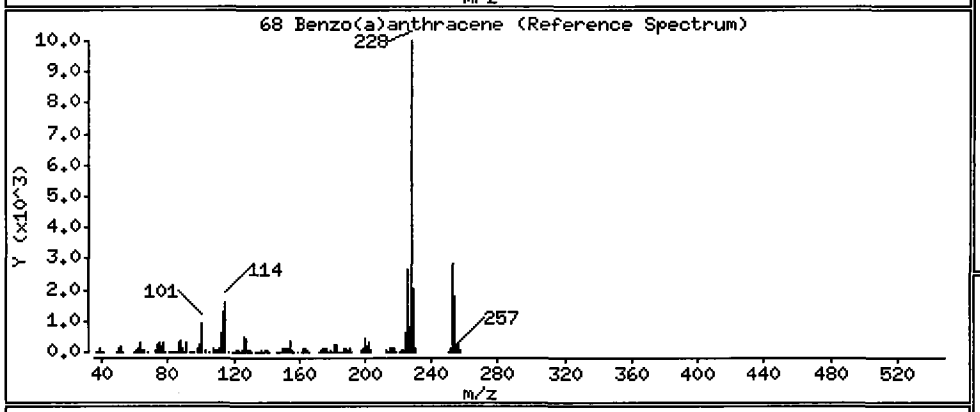
Concentration: 79.26 ug/kg

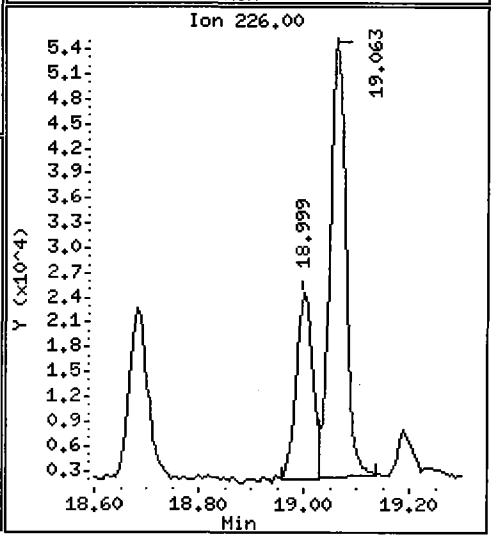


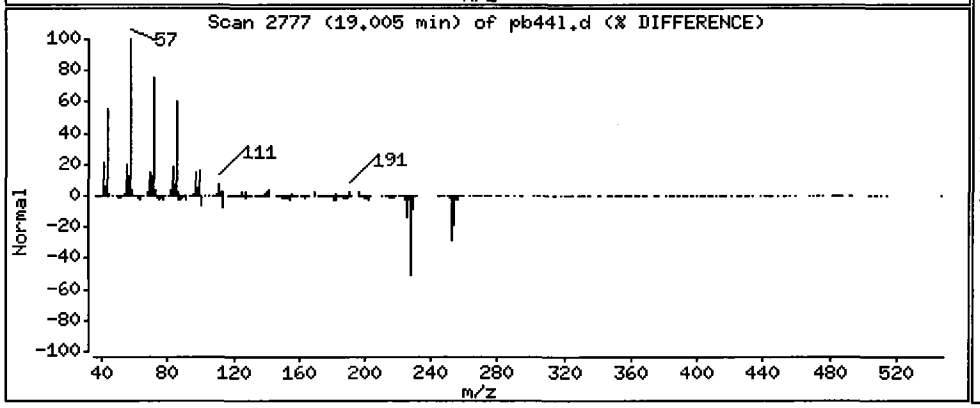












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

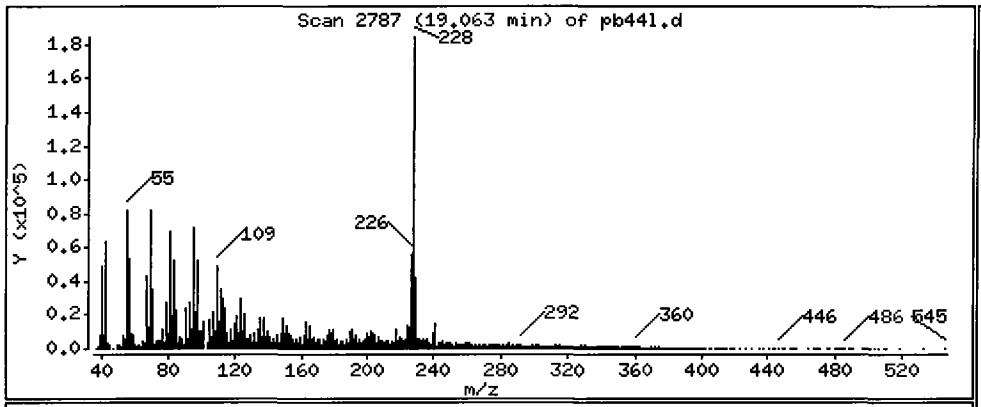
Operator: LJR/VTS

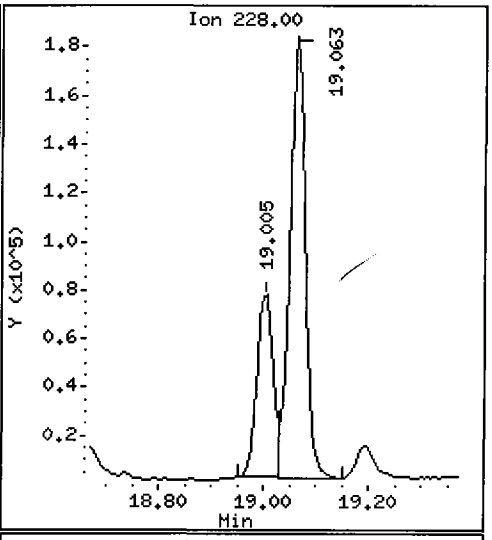
Column phase: ZB-5

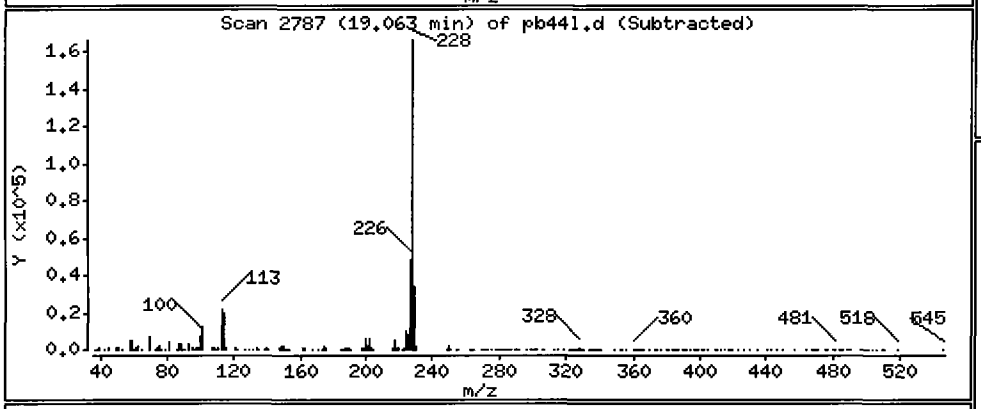
Column diameter: 0.32

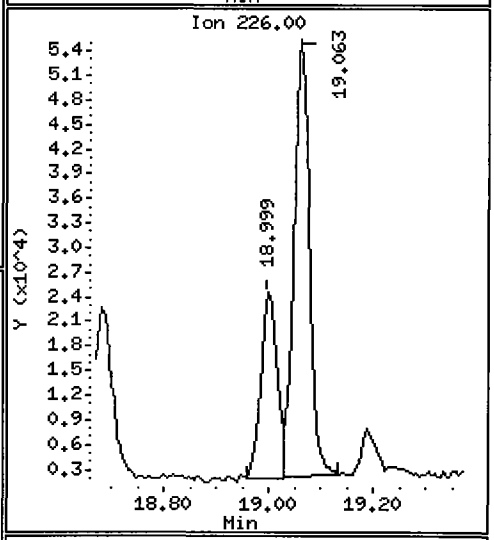
71 Chrysene

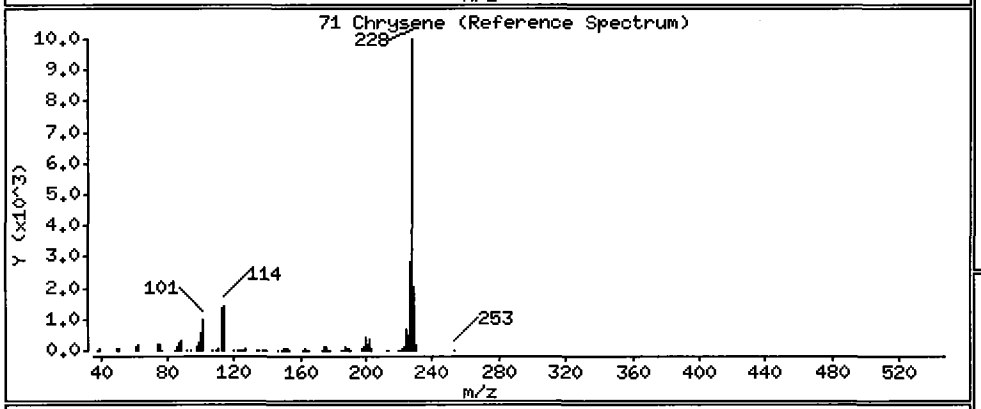
Concentration: 186.4 ug/kg

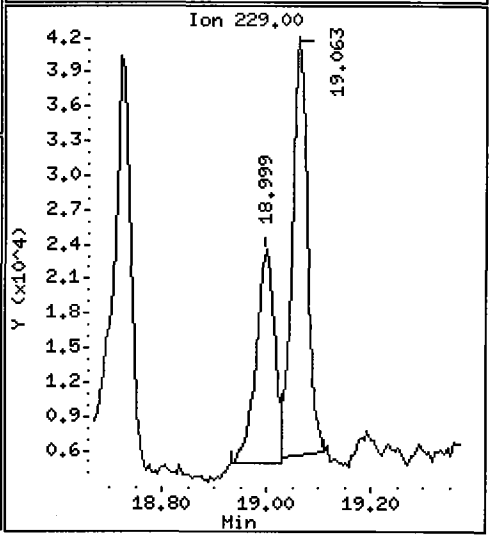


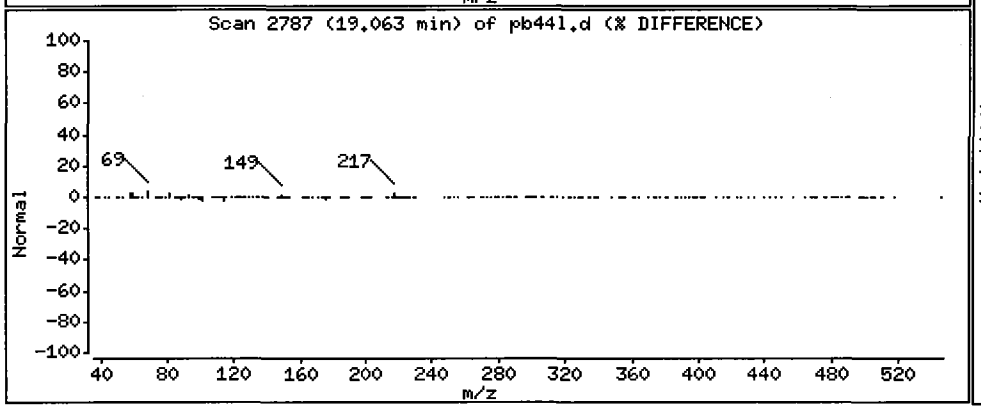












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

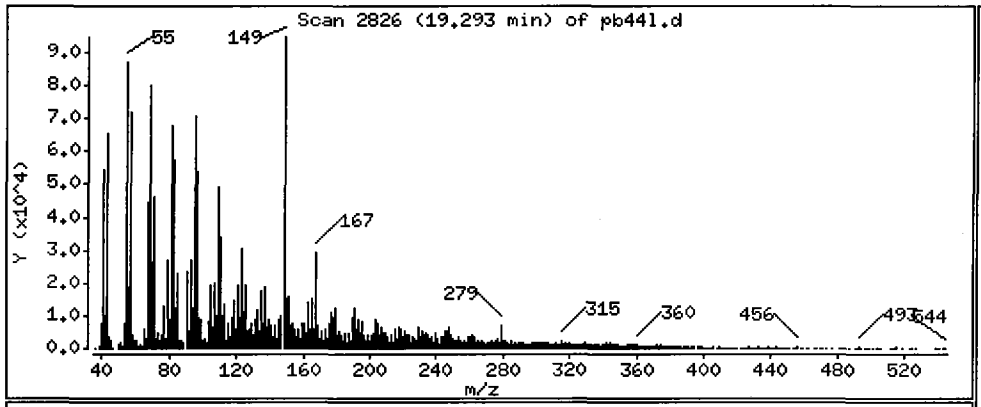
Operator: LJR/VTS

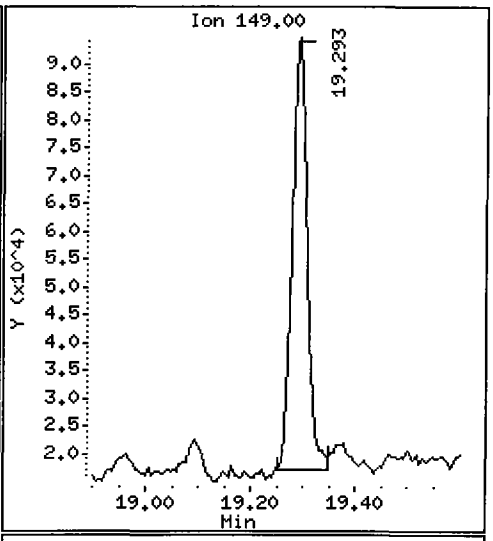
Column phase: ZB-5

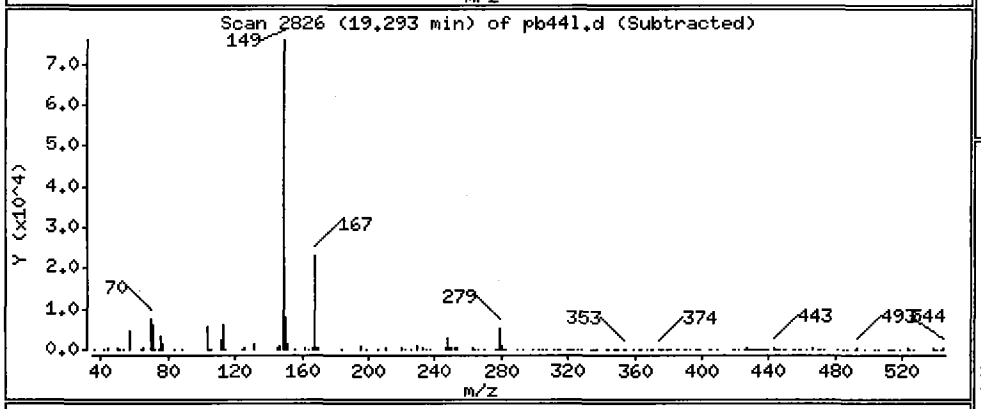
Column diameter: 0.32

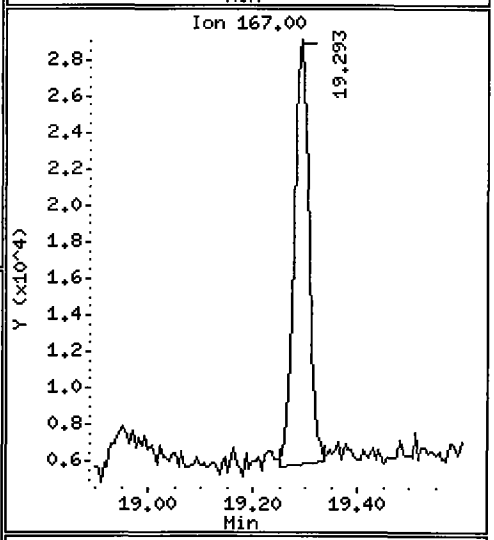
72 bis(2-Ethylhexyl)phthalate

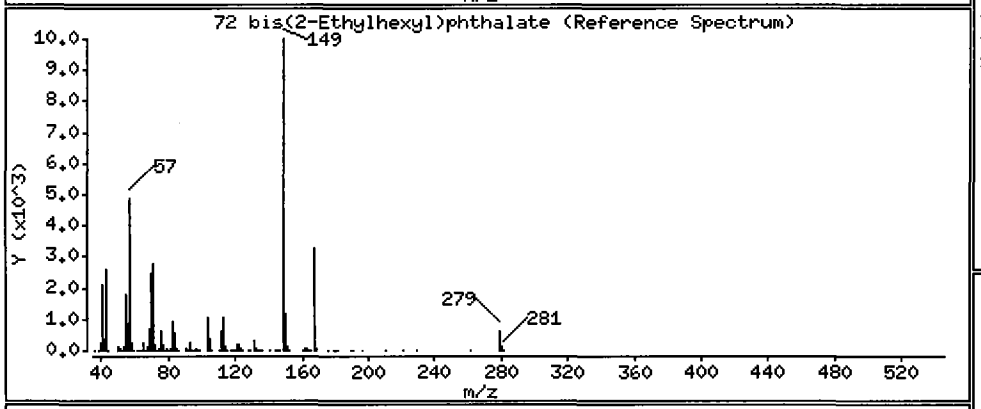
Concentration: 101.0 ug/kg

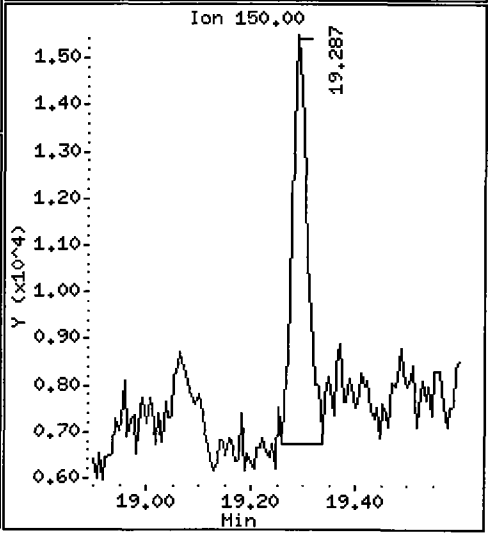


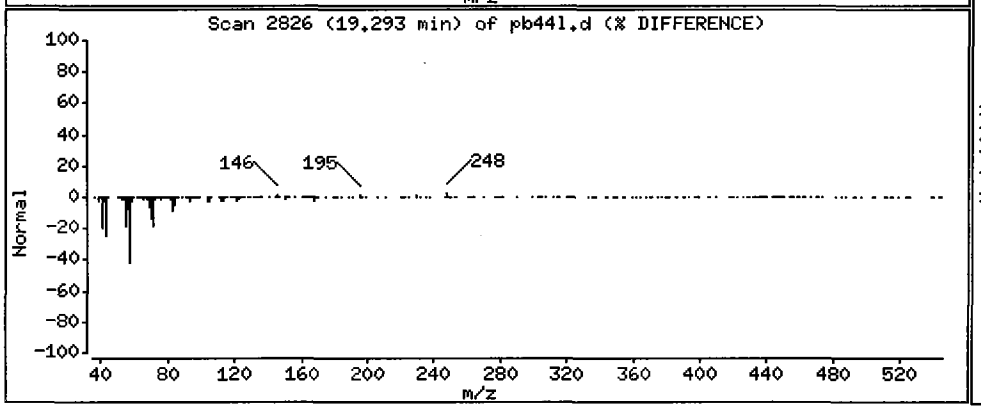












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

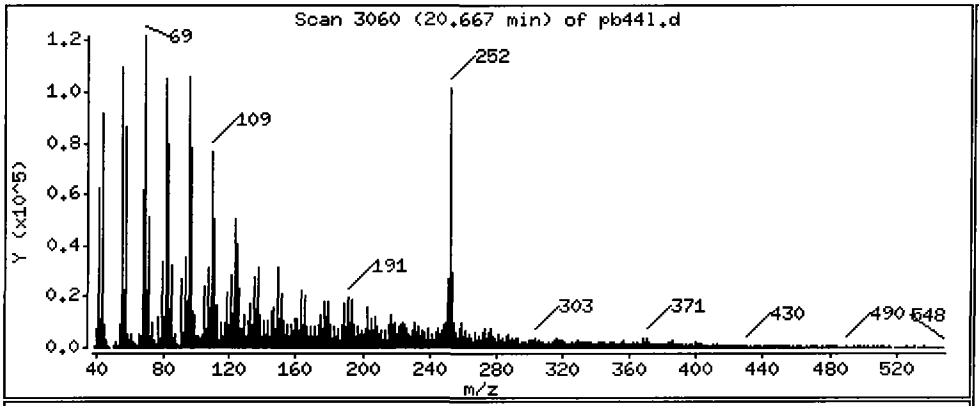
Operator: LJR/VTS

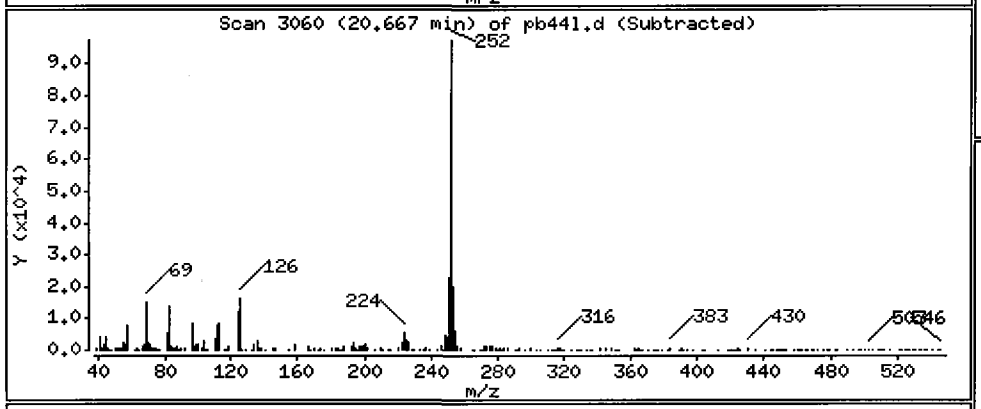
Column phase: ZB-5

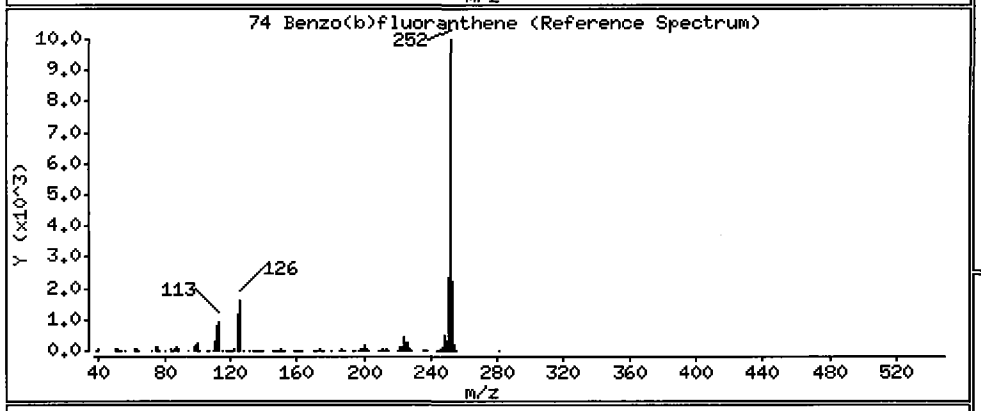
Column diameter: 0.32

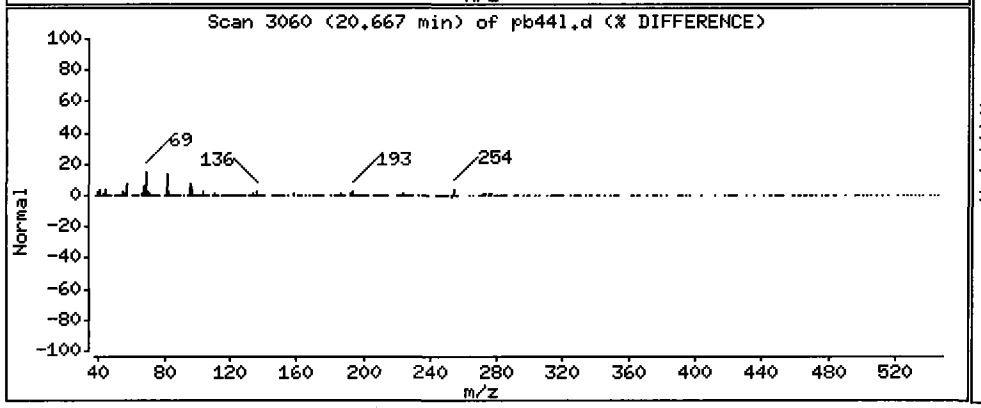
74 Benzo(b)fluoranthene

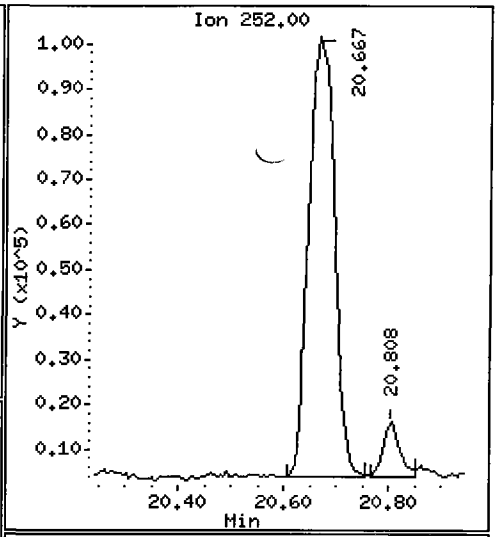
Concentration: 155.6 ug/kg

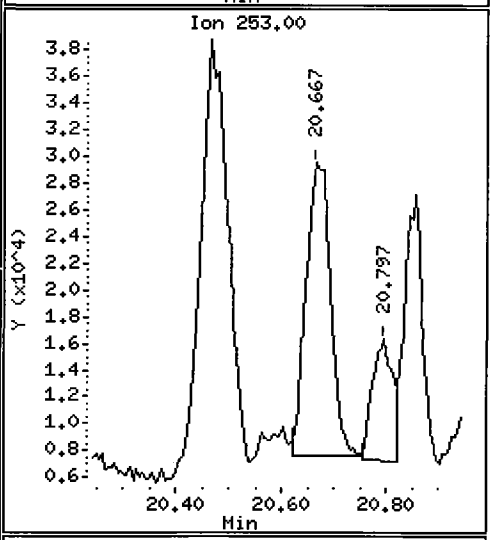


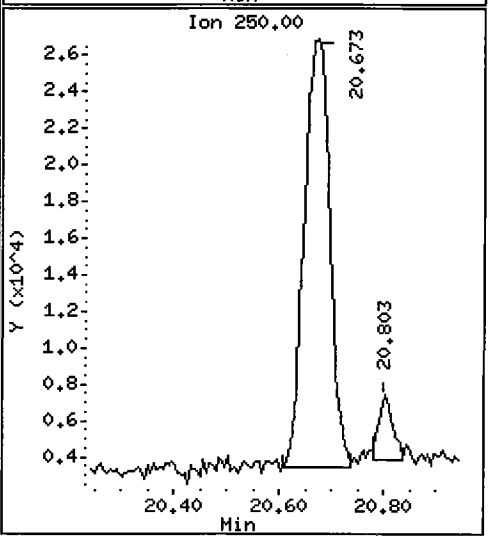












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

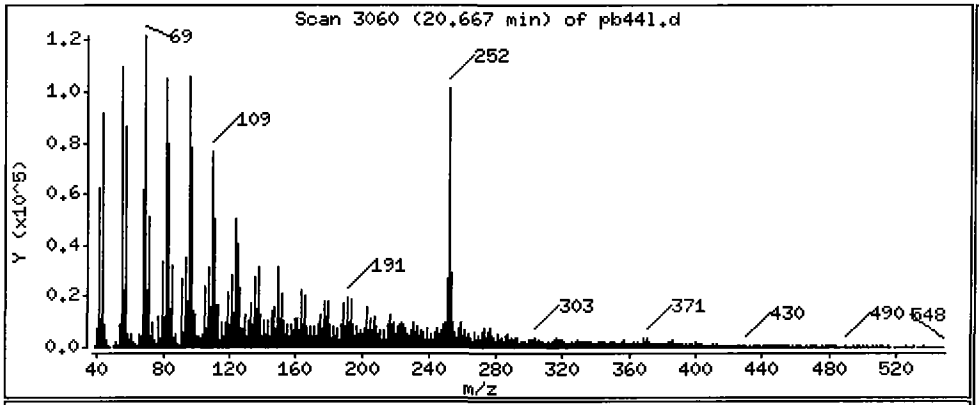
Operator: LJR/VTS

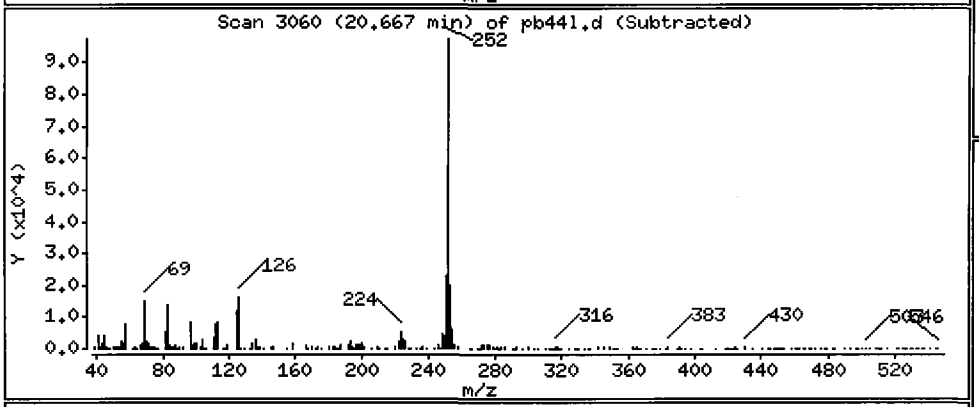
Column phase: ZB-5

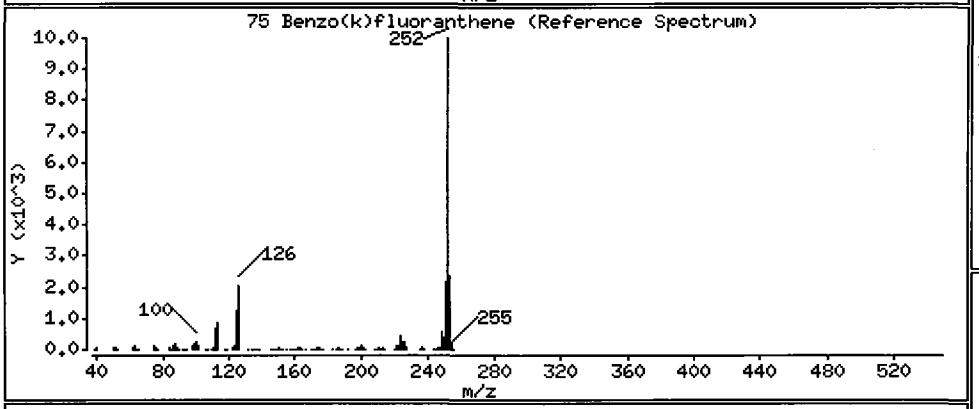
Column diameter: 0.32

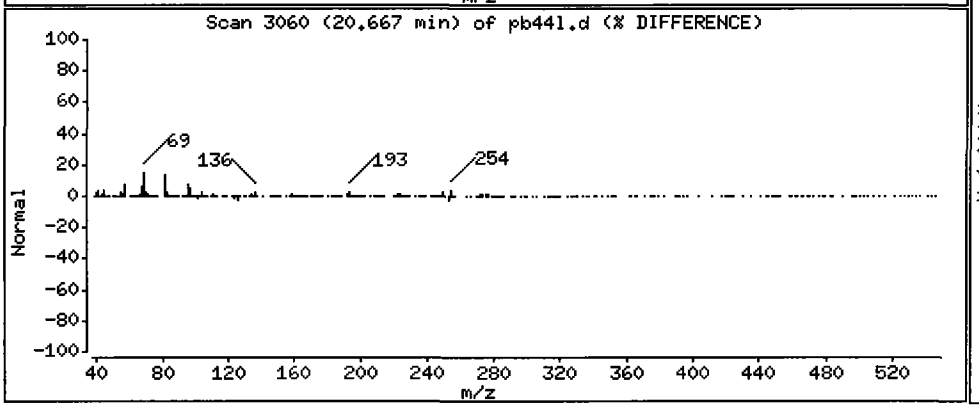
75 Benzo(k)fluoranthene

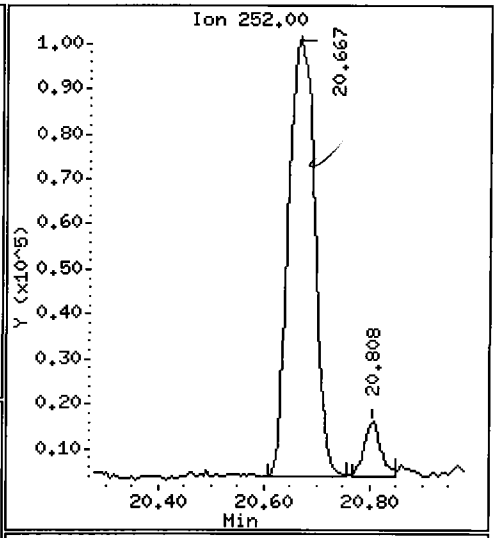
Concentration: 150.4 ug/kg

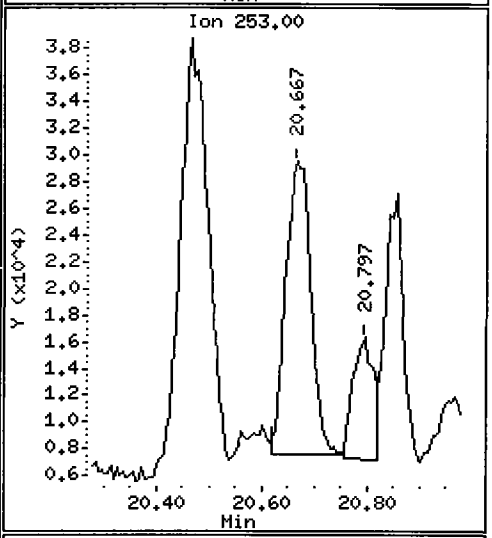


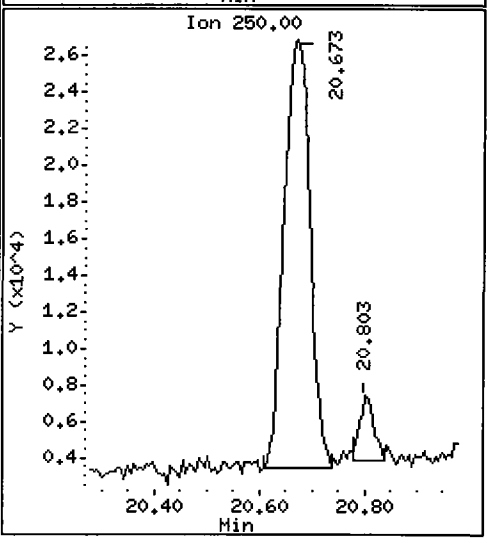












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

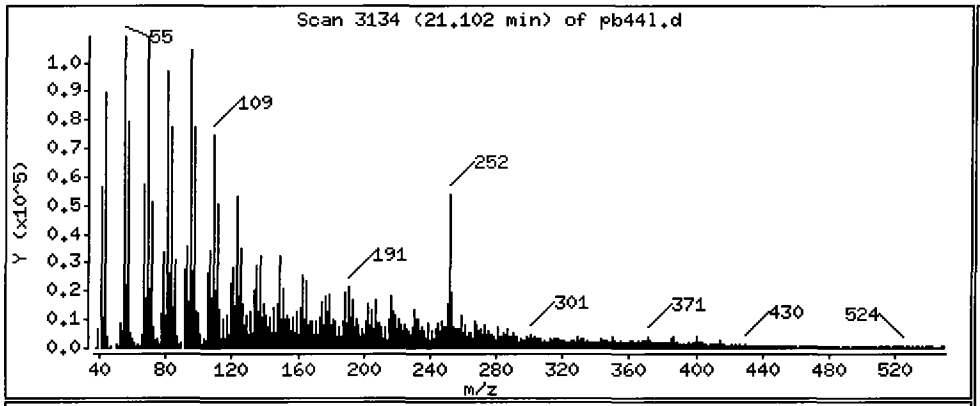
Operator: LJR/VTS

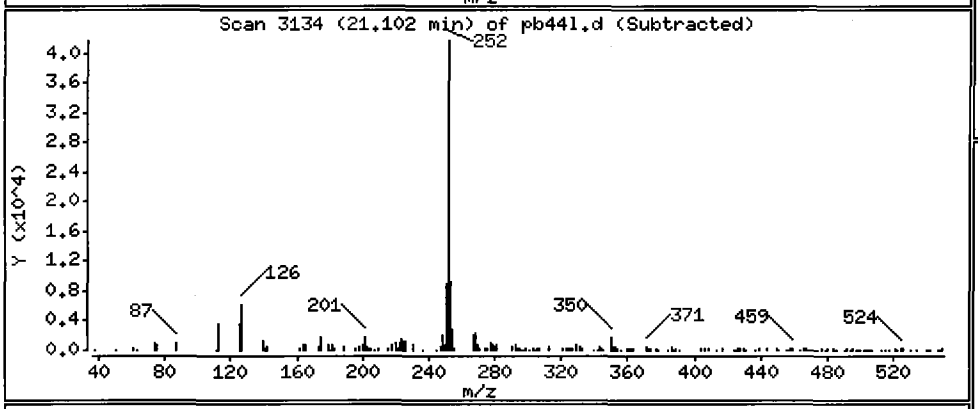
Column phase: ZB-5

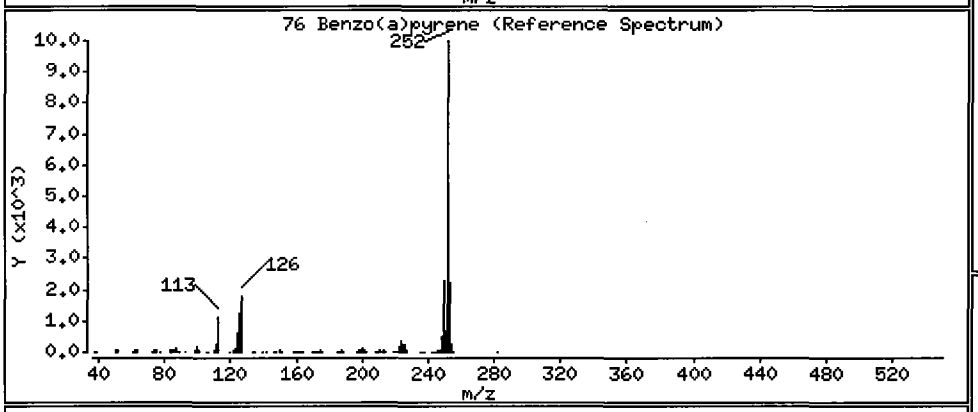
Column diameter: 0.32

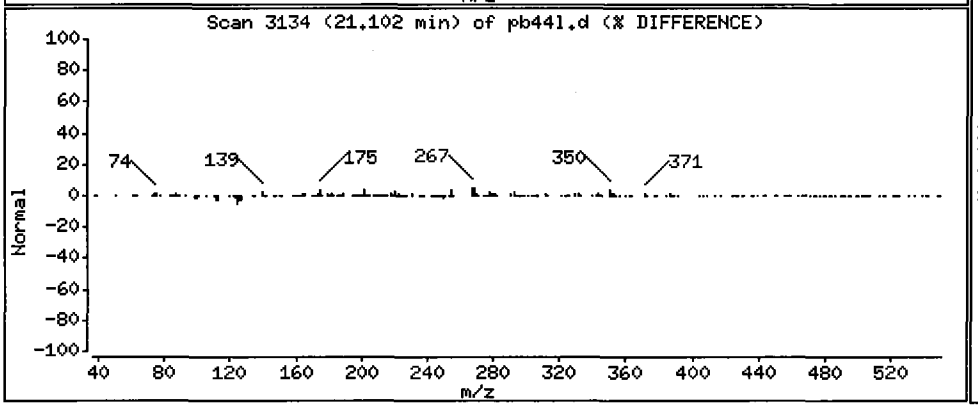
76 Benzo(a)pyrene

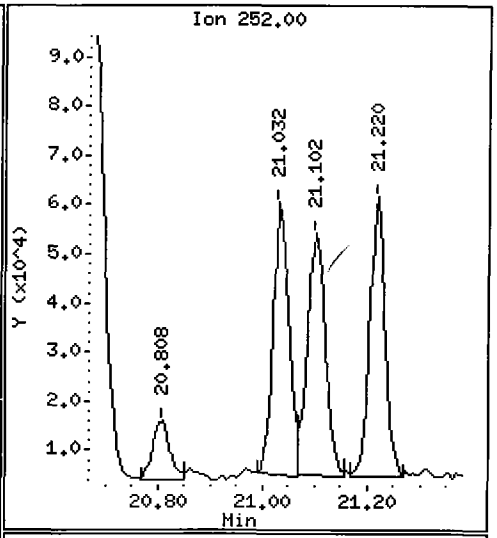
Concentration: 63.03 ug/kg

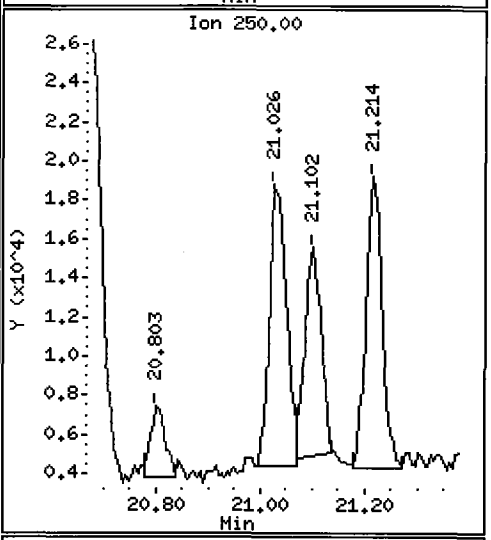


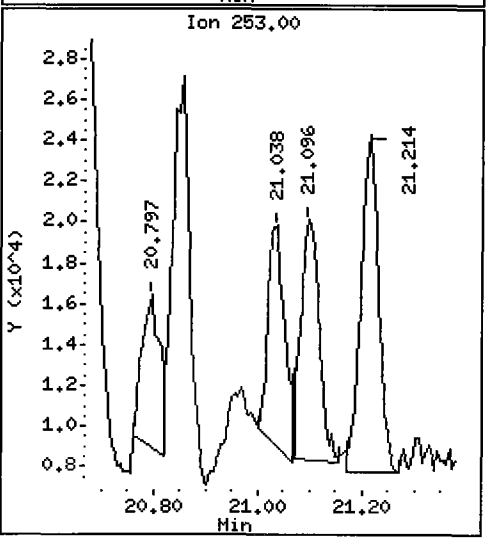












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

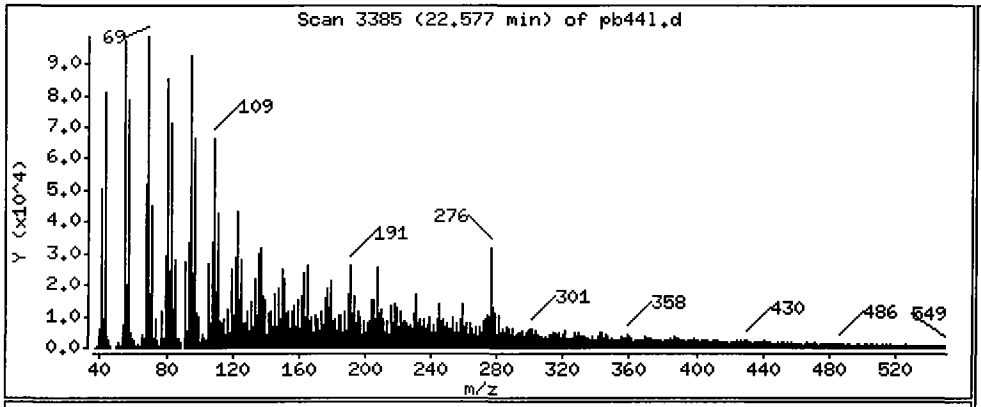
Operator: LJR/VTS

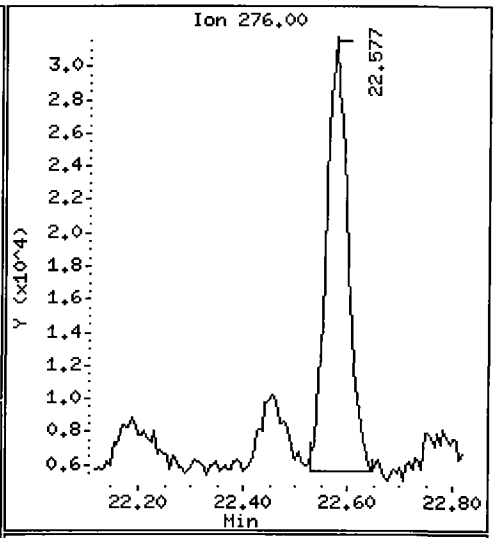
Column phase: ZB-5

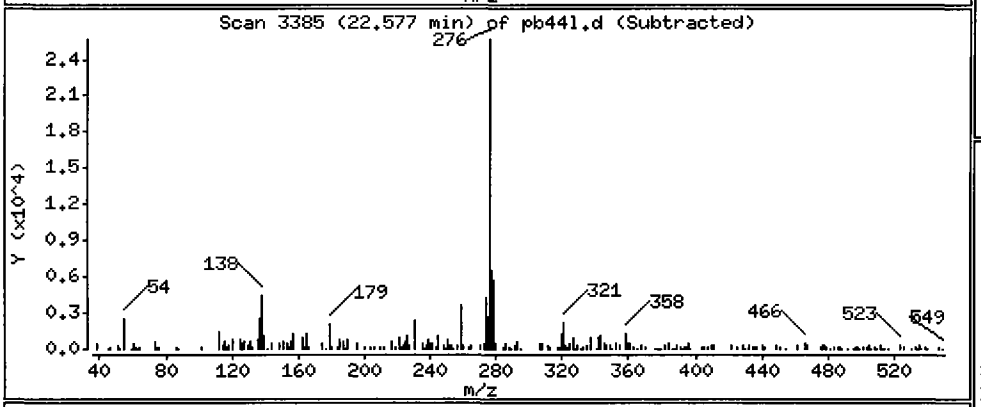
Column diameter: 0.32

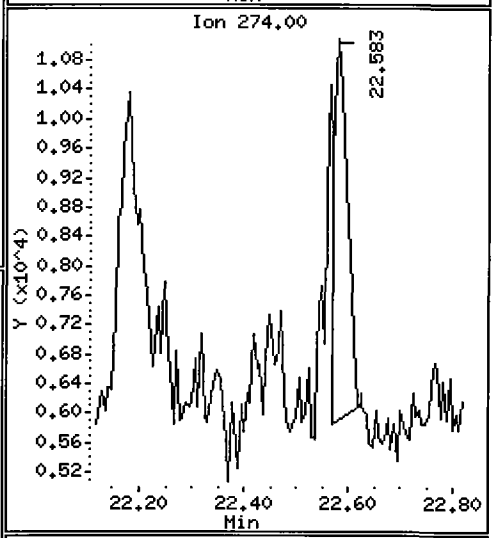
78 Indeno(1,2,3-cd)pyrene

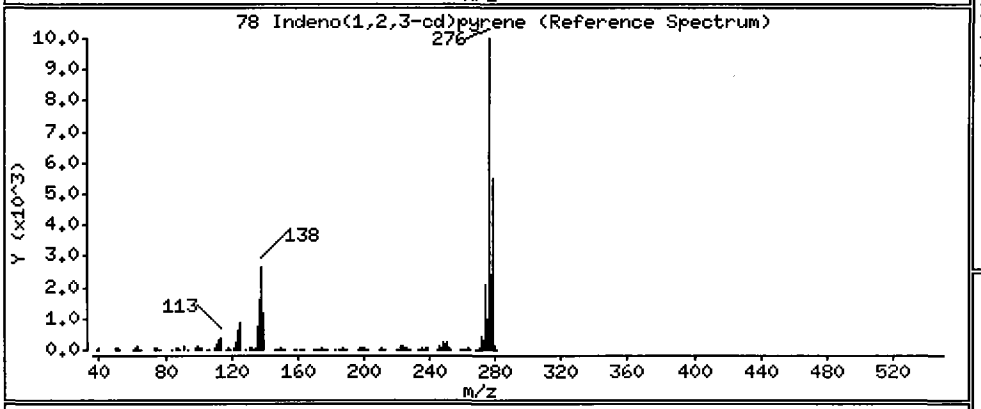
Concentration: 31.53 ug/kg

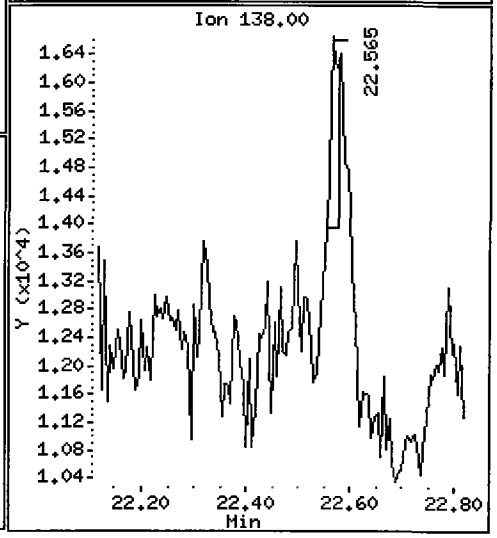


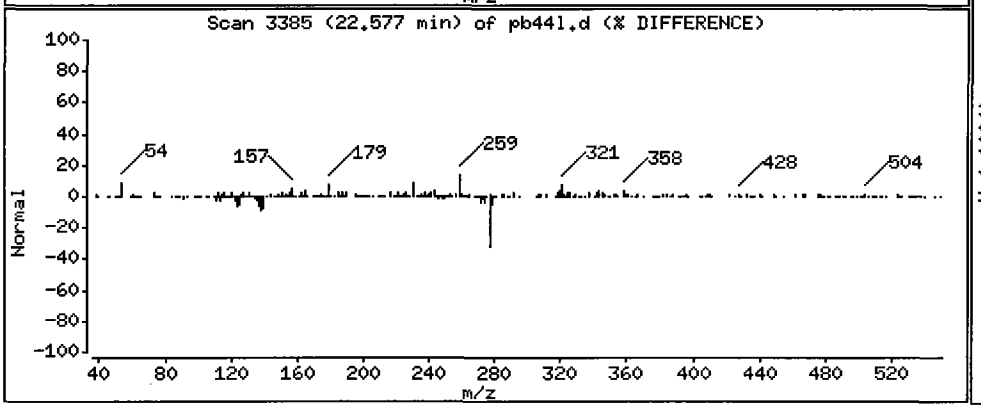












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

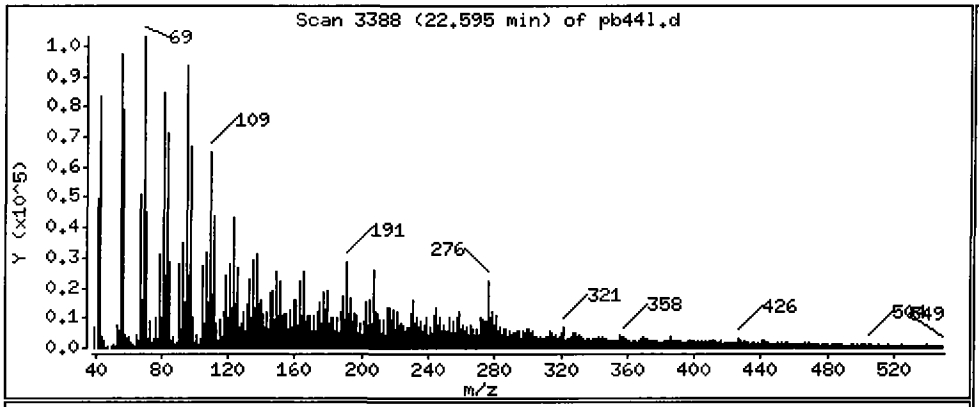
Operator: LJR/VTS

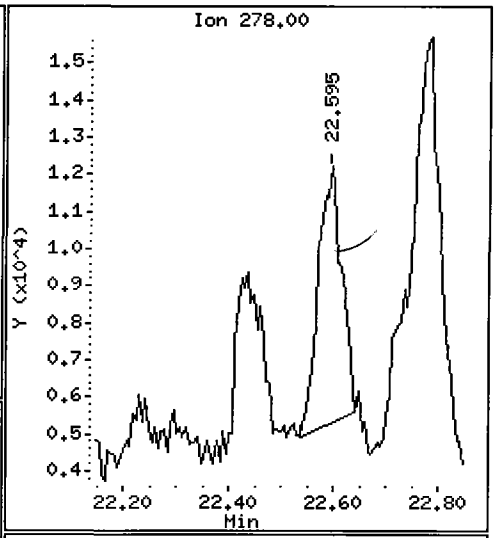
Column phase: ZB-5

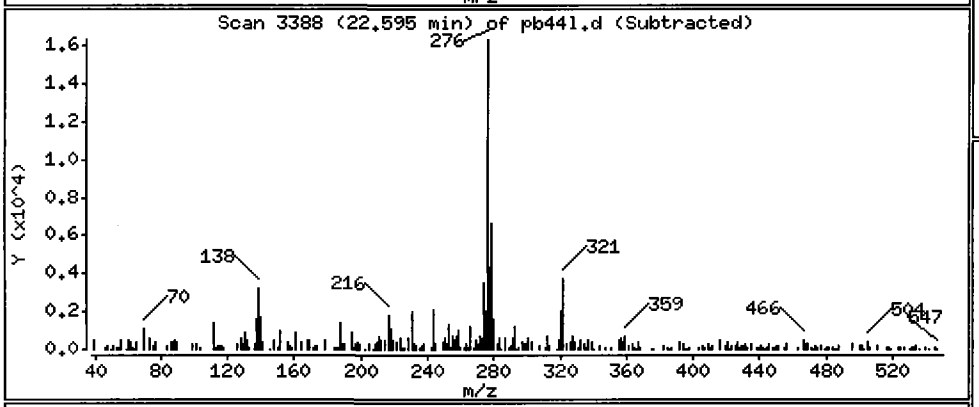
Column diameter: 0.32

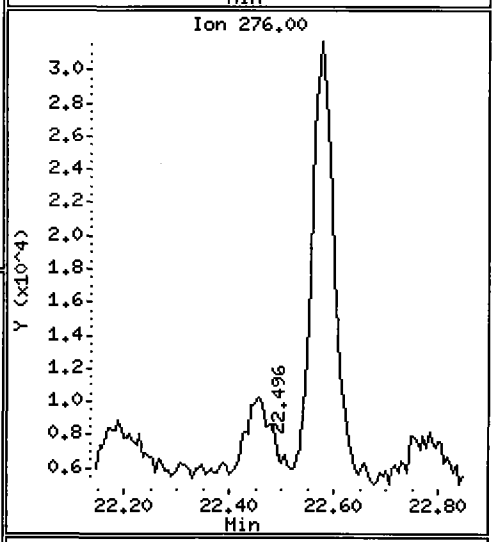
79 Dibenzo(a,h)anthracene

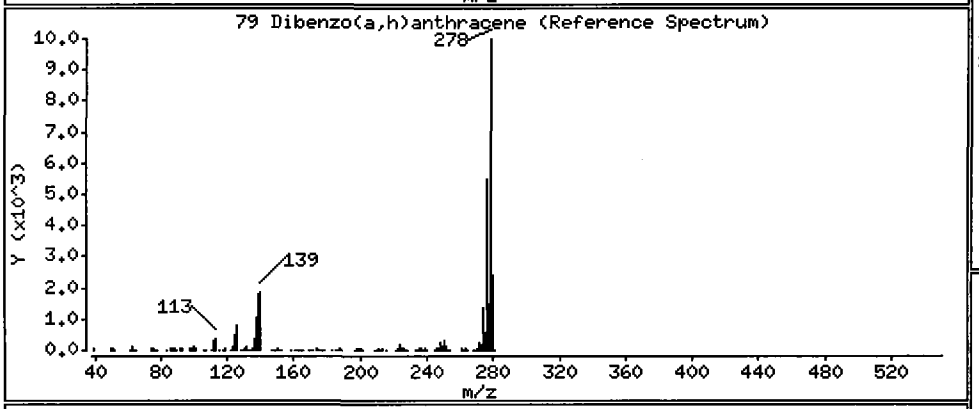
Concentration: 11.00 ug/kg

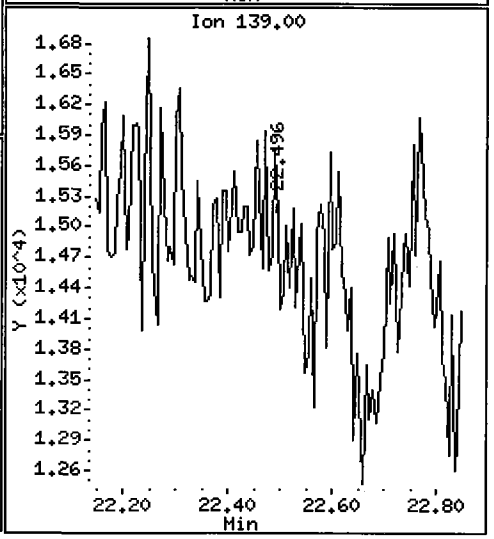


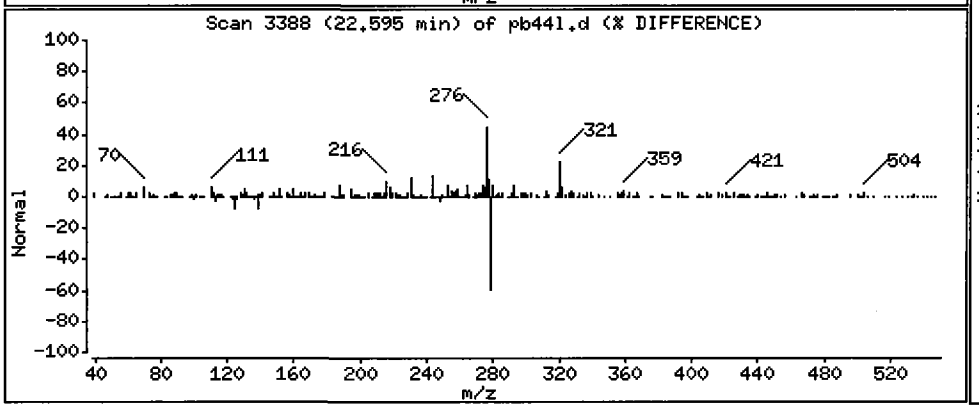












Data File: /chem3/nt4.i/20090616.b/pb441.d

Date : 16-JUN-2009 22:18

Client ID: 3SED7-C

Instrument: nt4.i

Sample Info: PB44L

Volume Injected (uL): 1.0

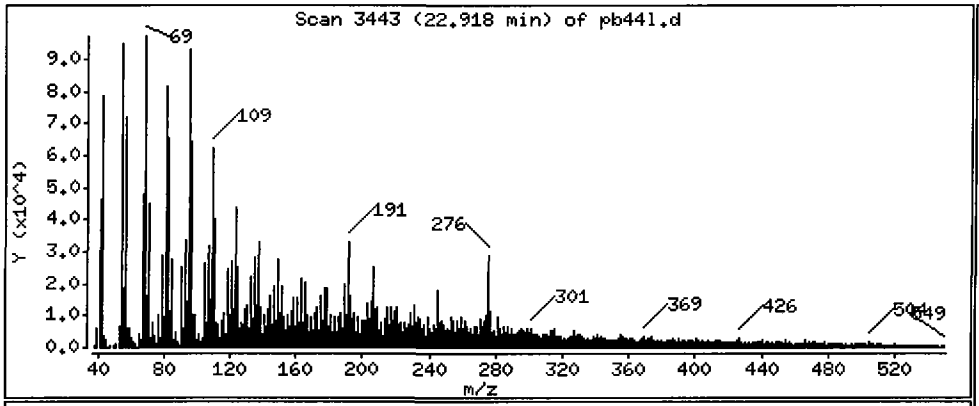
Operator: LJR/VTS

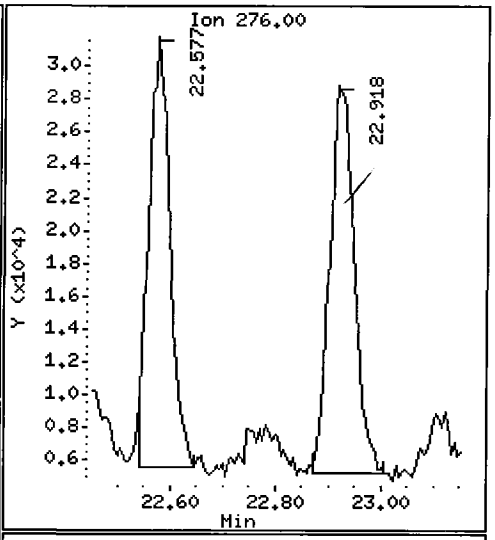
Column phase: ZB-5

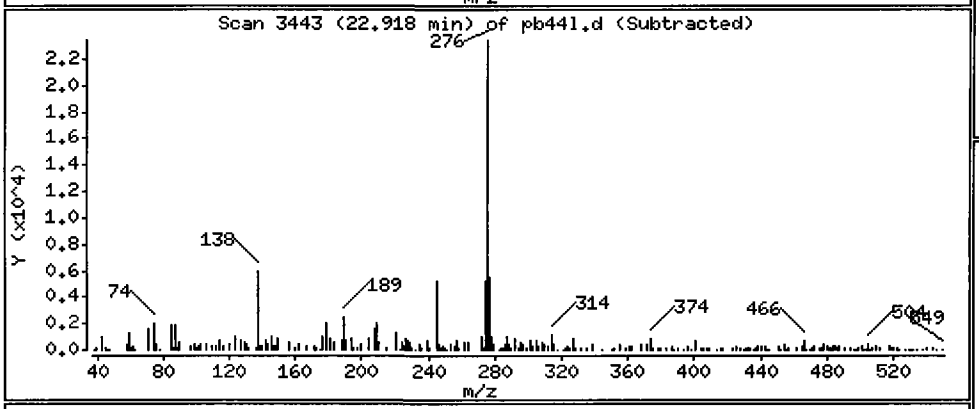
Column diameter: 0.32

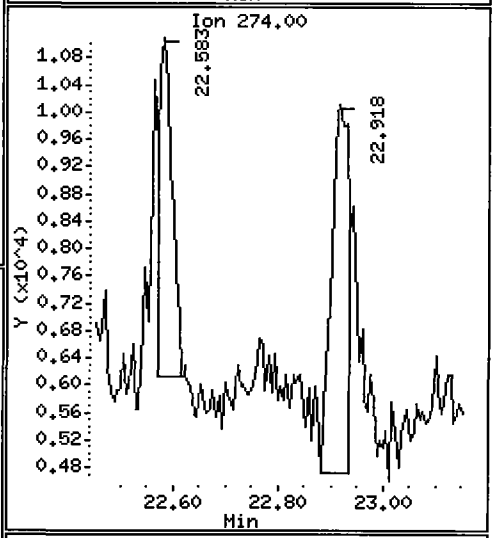
80 Benzo(g,h,i)perylene

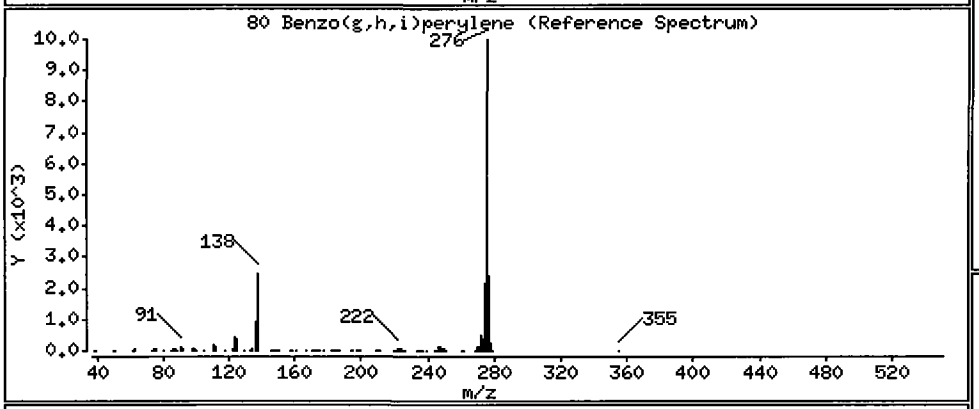
Concentration: 35.62 ug/kg

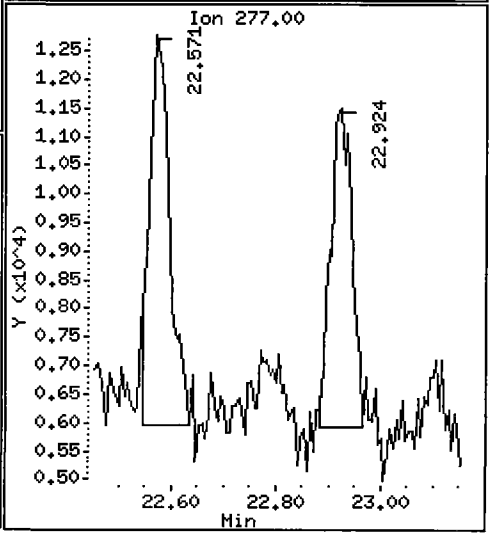


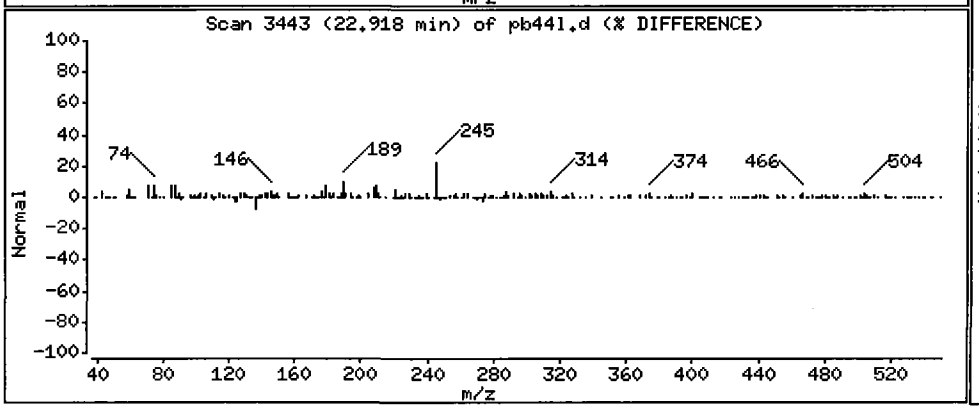












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED9-A
SAMPLE

Lab Sample ID: PB44M
LIMS ID: 09-12799
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 22:53
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 54.0%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	**Benzyl Alcohol**	**20**	**46**
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	**Benzoic Acid**	**200**	**820**
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**19 J**
83-32-9	**Acenaphthene**	**20**	**18 J**
132-64-9	**Dibenzofuran**	**20**	**16 J**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**25**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	**Hexachlorobenzene**	**20**	**19 J**
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**180**
120-12-7	**Anthracene**	**20**	**61**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**530**
129-00-0	**Pyrene**	**20**	**320**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**160**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**160**
218-01-9	**Chrysene**	**20**	**270**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**130**
207-08-9	**Benzo(k)fluoranthene**	**20**	**130**
50-32-8	**Benzo(a)pyrene**	**20**	**94**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**46**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**18 J**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**53**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	59.2%	2-Fluorobiphenyl	66.0%
d14-p-Terphenyl	67.2%	d4-1,2-Dichlorobenzene	44.4%
d5-Phenol	66.4%	2-Fluorophenol	56.3%
2,4,6-Tribromophenol	87.7%	d4-2-Chlorophenol	65.6%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44m.d
Lab Smp Id: PB44M Client Smp ID: 3SED9-A
Inj Date : 16-JUN-2009 22:53
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44M
Misc Info : 09-12799
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	55.30000	Weight of sample extracted (g)
M	54.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.544	5.475	(0.740)	280225	21.1265	415.3
$	2 Phenol-d5	99	7.213	7.091	(0.963)	449135	24.8664	488.8
	3 Phenol	94	7.230	7.114	(0.965)	14119	0.68426 UPL	13.45 JMM
$	5 2-Chlorophenol-d4	132	7.224	7.167	(0.965)	274506	24.6082	483.7
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.489	7.461	(1.000)	173118	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.783	7.761	(1.039)	90021	11.0534	217.3
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	7.812	7.778	(1.043)	22994	2.34307	46.05(M)
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.317	8.272	(1.111)	8569	0.61627 LDL	12.11
$	18 Nitrobenzene-d5	82	8.423	8.401	(0.884)	257011	14.7538	290.0
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	9.498	9.435	(0.997)	467071	41.8407	822.4
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.528	9.506	(1.000)	613883	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.326	11.309	(0.915)	458063	16.4739	323.8
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	12.125	12.097	(0.980)	37895	0.98744 LDL	19.41
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.377	12.344	(1.000)	366830	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	12.424	12.396	(1.004)	21380	0.91633 LDL	18.01
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	12.689	12.661	(1.025)	27506	0.84166	16.54
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	13.241	13.207	(1.070)	33233	1.29071	25.37
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.676	13.636	(1.105)	111341	32.8546	645.8
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	14.263	14.230	(0.967)	7590	0.95594 LDL	18.79
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.745	14.694	(1.000)	662060	20.0000	
	60 Phenanthrene	178	14.780	14.735	(1.002)	387296	9.16607	180.2
	61 Anthracene	178	14.857	14.805	(1.008)	132977	3.10036	60.94
	62 Carbazole	167	15.162	15.105	(1.028)	24942	0.68721 LDL	13.51
	63 Di-n-butylphthalate	149	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	64 Fluoranthene	202	16.754	16.650	(1.136)	1122775	26.7970	526.7
	65 Pyrene	202	17.072	16.997	(0.896)	857851	16.4163	322.7
$	66 Terphenyl-d14	244	17.401	17.338	(0.913)	525036	16.8355	330.9
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	19.028	18.948	(0.999)	341898	8.16052	160.4
*	69 Chrysene-d12	240	19.052	18.977	(1.000)	606950	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	19.087	19.018	(1.002)	566393	13.8242	271.7
	72 bis(2-Ethylhexyl)phthalate	149	19.304	19.247	(0.953)	215990	8.12234	159.6
*	134 Di-n-octylphthalate-d4	153	20.256	20.181	(1.000)	822221	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	20.703	20.593	(0.976)	539293	13.0278 >T	256.1 ↳ 404
	75 Benzo(k)fluoranthene	252	20.703	20.628	(0.976)	539293	12.5892	247.4 ↳ 404
	76 Benzo(a)pyrene	252	21.132	21.027	(0.996)	175973	4.75582	93.48
*	77 Perylene-d12	264	21.220	21.110	(1.000)	592422	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.612	22.467	(1.066)	107756	2.31908	45.58(M)
	79 Dibenzo(a,h)anthracene	278	22.630	22.496	(1.066)	34680	0.91546 LOL	17.99(M)
	80 Benzo(g,h,i)perylene	276	22.977	22.802	(1.083)	112712	2.68435	52.76
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44m.d
Lab Smp Id: PB44M
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12799

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED9-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	173118	-4.16
27 Naphthalene-d8	633172	316586	1266344	613883	-3.05
42 Acenaphthene-d10	336916	168458	673832	366830	8.88
59 Phenanthrene-d10	514258	257129	1028516	662060	28.74
69 Chrysene-d12	376875	188438	753750	606950	61.05
134 Di-n-octylphthala	640574	320287	1281148	822221	28.36
77 Perylene-d12	383864	191932	767728	592422	54.33

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.49	0.37
27 Naphthalene-d8	9.51	9.01	10.01	9.53	0.23
42 Acenaphthene-d10	12.34	11.84	12.84	12.38	0.27
59 Phenanthrene-d10	14.69	14.19	15.19	14.75	0.35
69 Chrysene-d12	18.98	18.48	19.48	19.05	0.39
134 Di-n-octylphthala	20.18	19.68	20.68	20.26	0.37
77 Perylene-d12	21.11	20.61	21.61	21.22	0.52

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44M
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12799

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED9-A
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

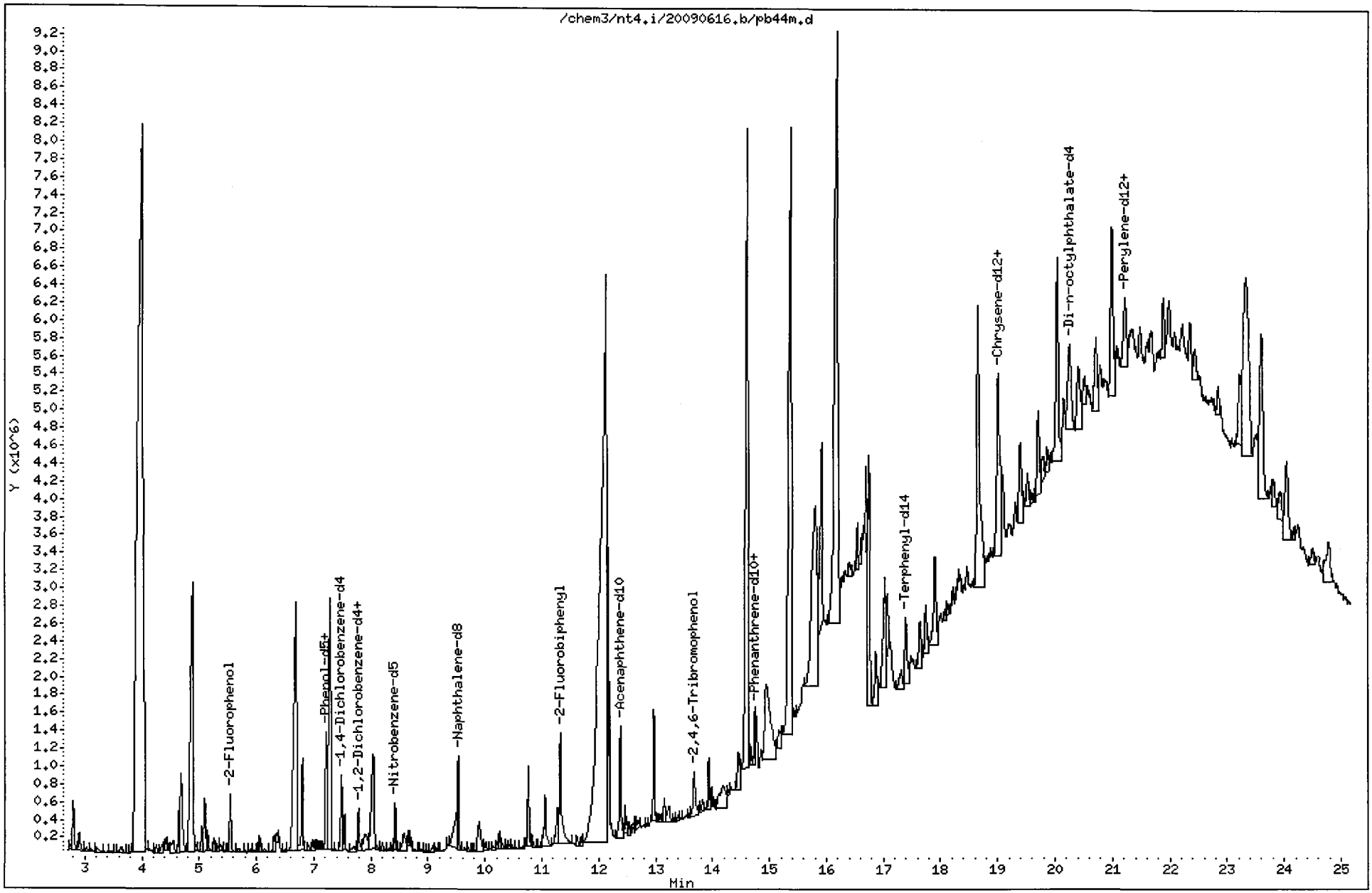
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	737.1	415.3	56.34	21-100
$ 2 Phenol-d5	737.1	488.8	66.31	10-100
$ 5 2-Chlorophenol-d4	737.1	483.7	65.62	30-100
$ 10 1,2-Dichlorobenzen	491.4	217.3	44.21	24-100
$ 18 Nitrobenzene-d5	491.4	290.0	59.02	26-100
$ 36 2-Fluorobiphenyl	491.4	323.8	65.90	32-100
$ 55 2,4,6-Tribromophen	737.1	645.8	87.61	33-118
$ 66 Terphenyl-d14	491.4	330.9	67.34	21-97

Data File: /chem3/nt4.i/20090616.b/pb44m.d
Date : 16-JUN-2009 22:53
Client ID: 3SED9-A
Sample Info: PB44M
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32

PB44:063418



Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

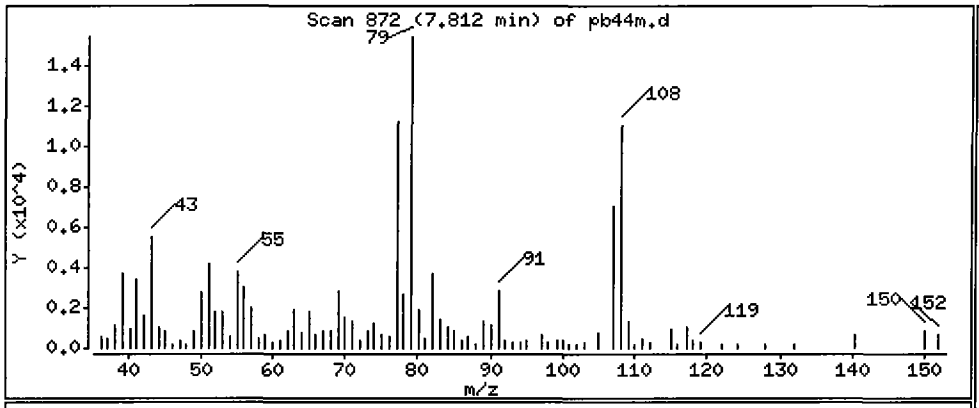
Operator: LJR/VTS

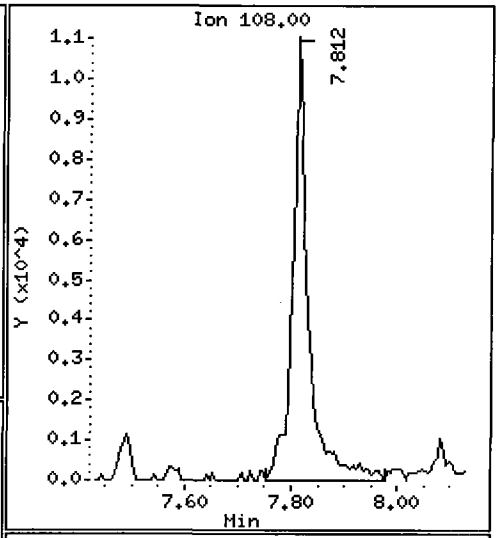
Column phase: ZB-5

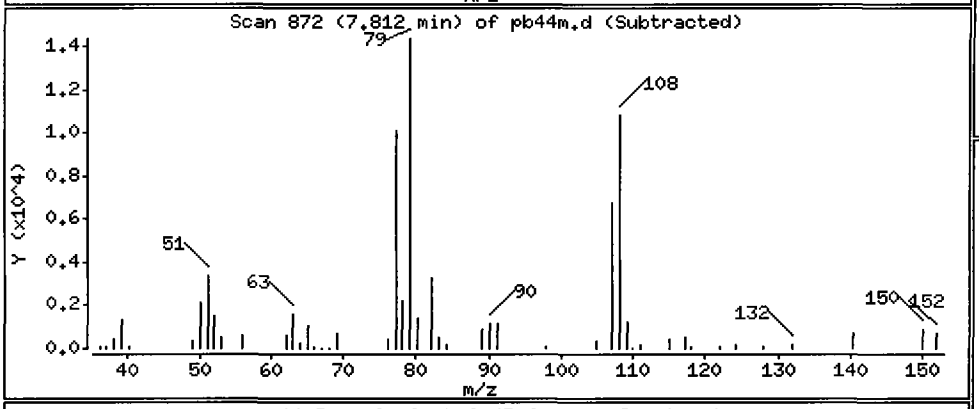
Column diameter: 0.32

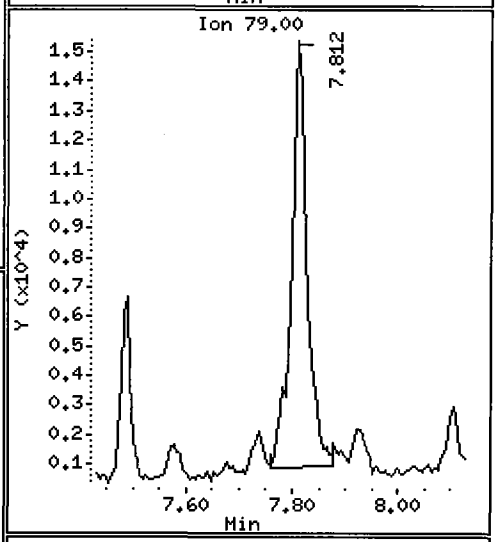
11 Benzyl alcohol

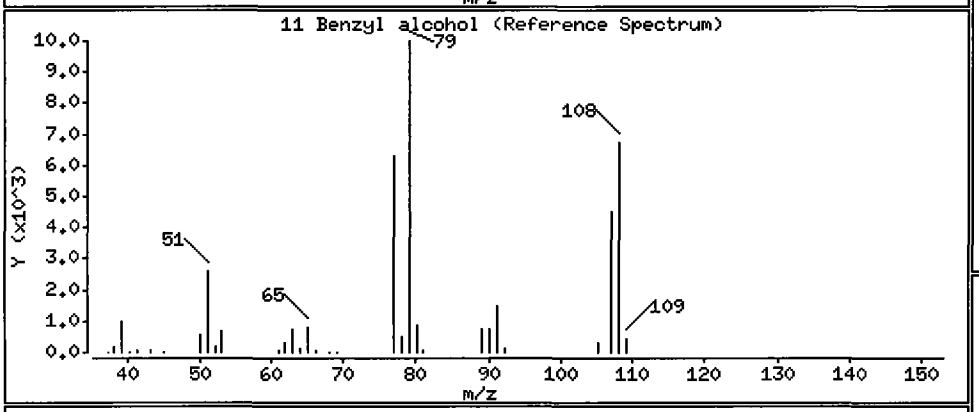
Concentration: 46.05 ug/kg

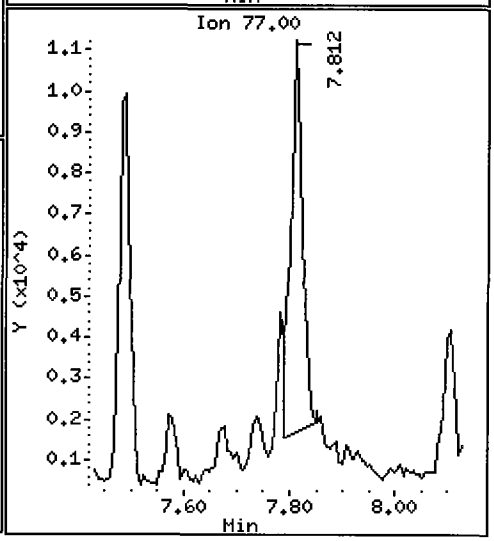


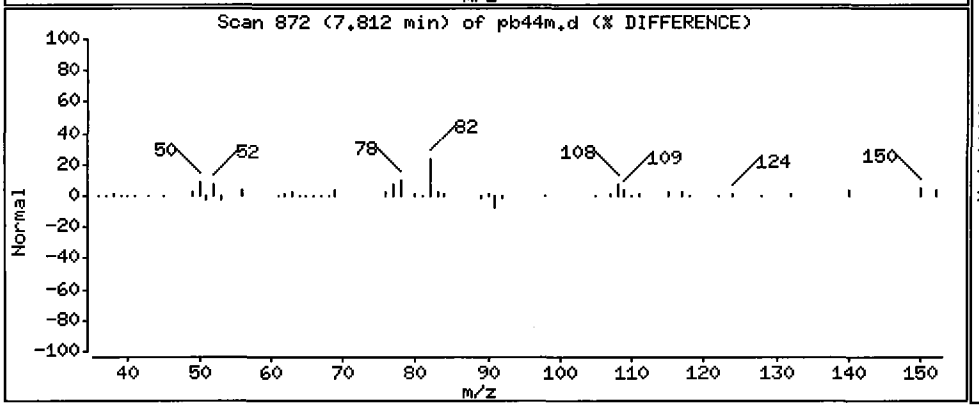












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

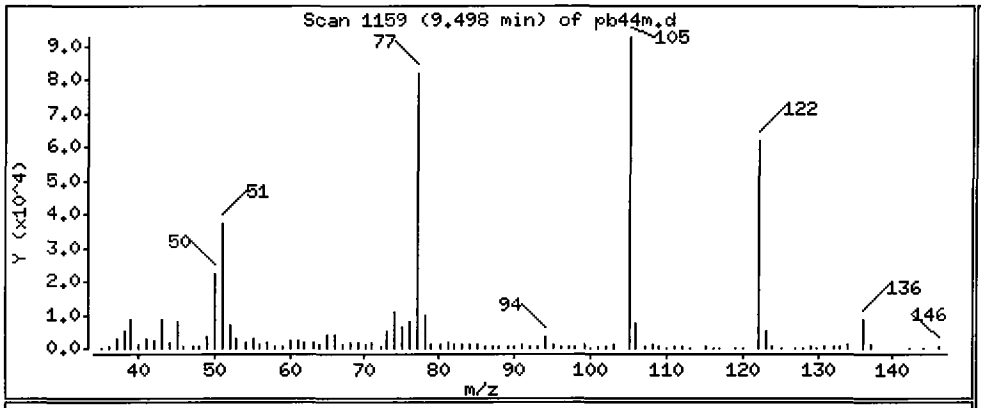
Operator: LJR/VTS

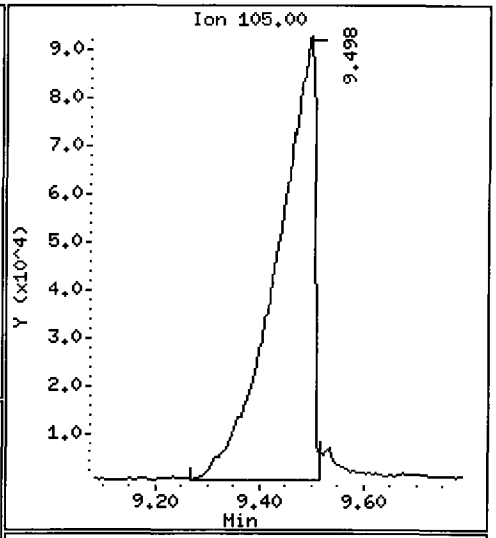
Column phase: ZB-5

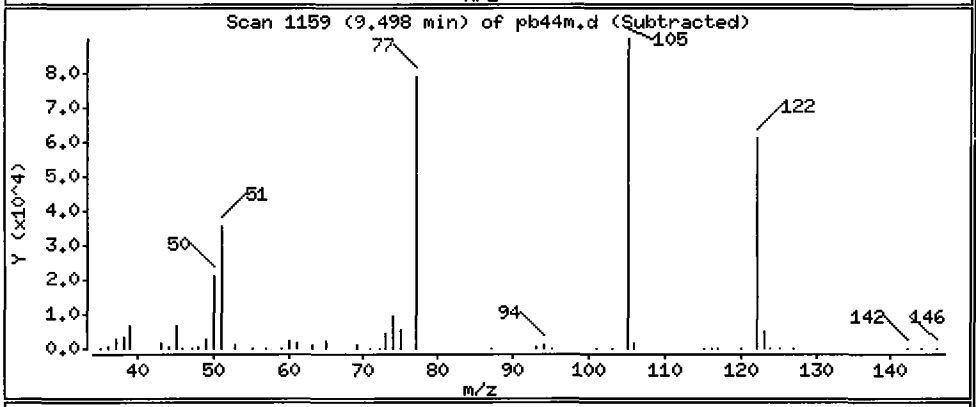
Column diameter: 0.32

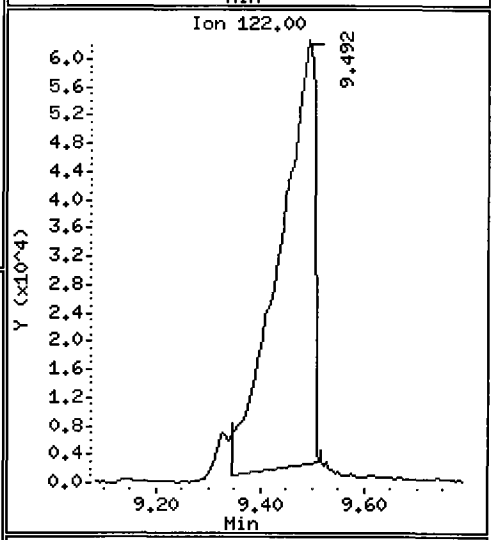
24 Benzoic acid

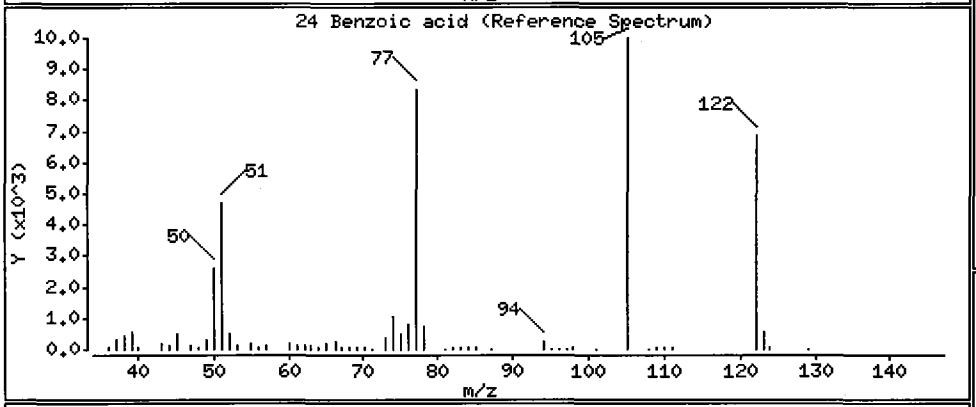
Concentration: 822.4 ug/kg

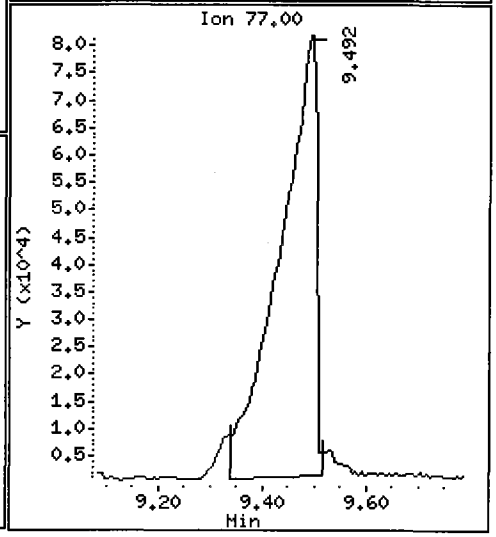


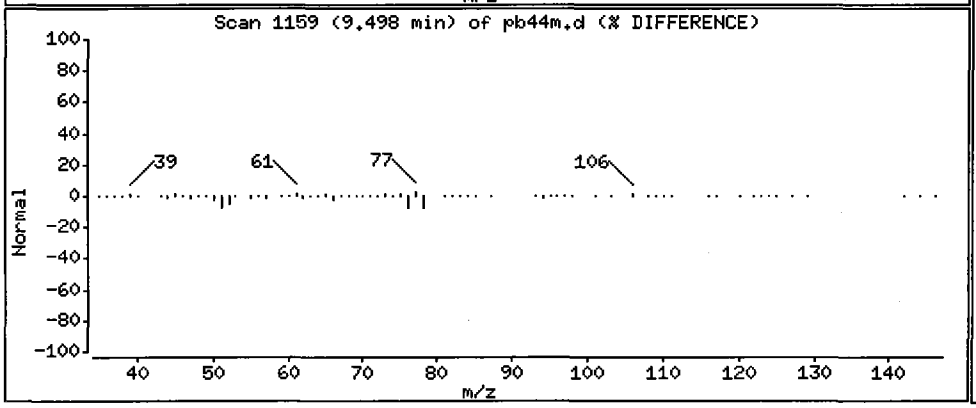












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

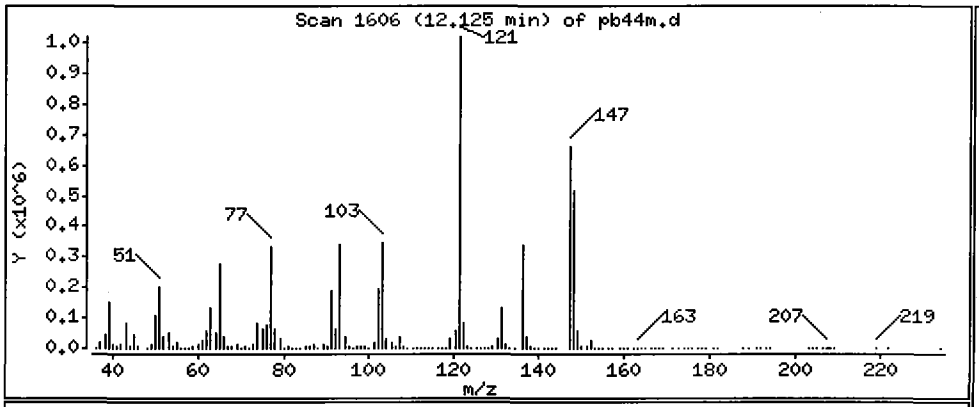
Operator: LJR/VTS

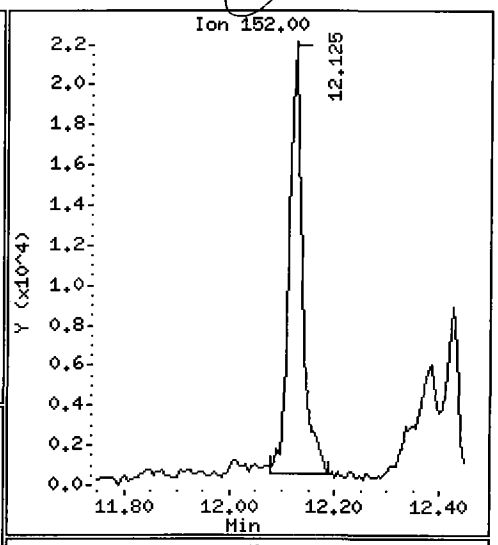
Column phase: ZB-5

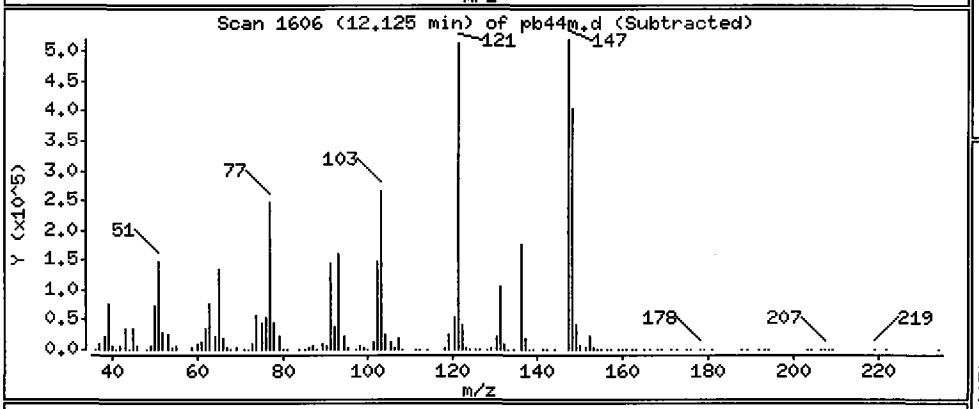
Column diameter: 0.32

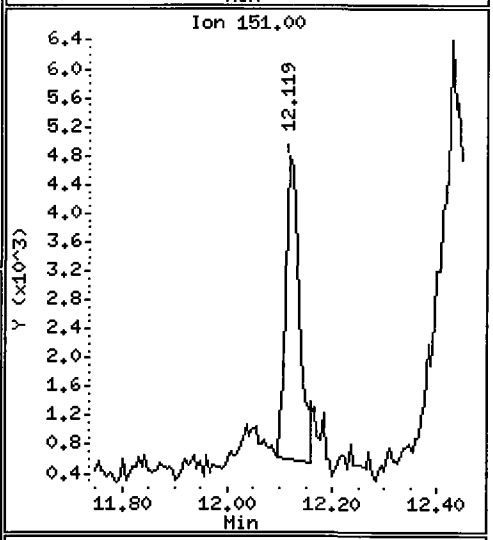
40 Acenaphthylene

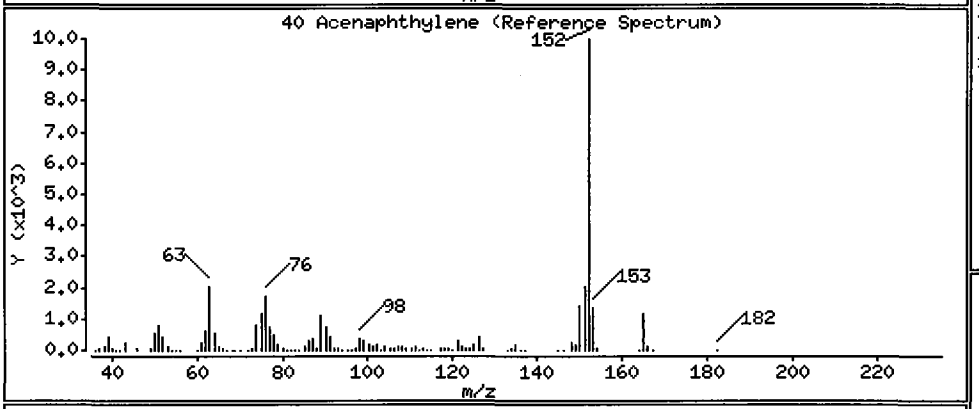
Concentration: 19.41 ug/kg

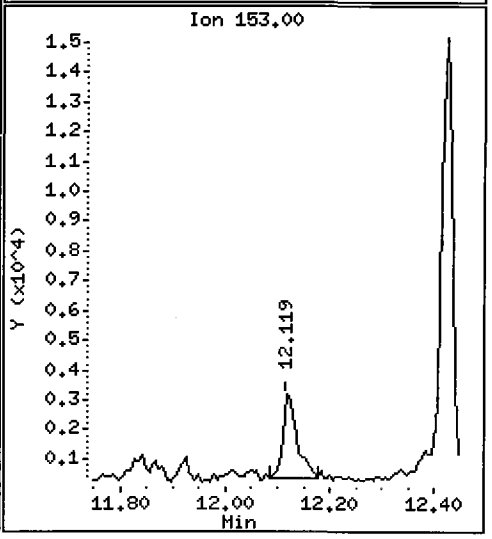


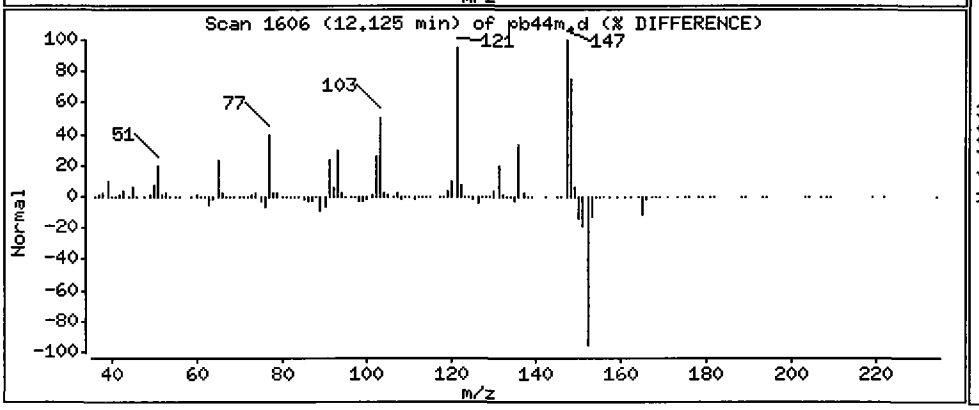












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

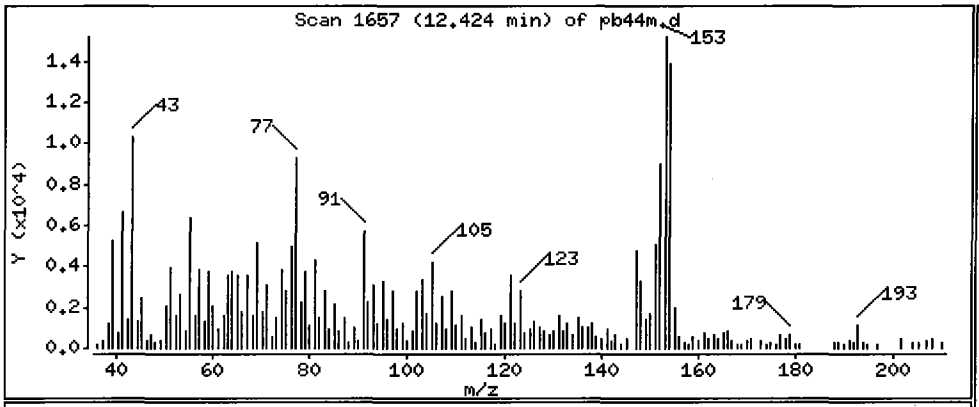
Operator: LJR/VTS

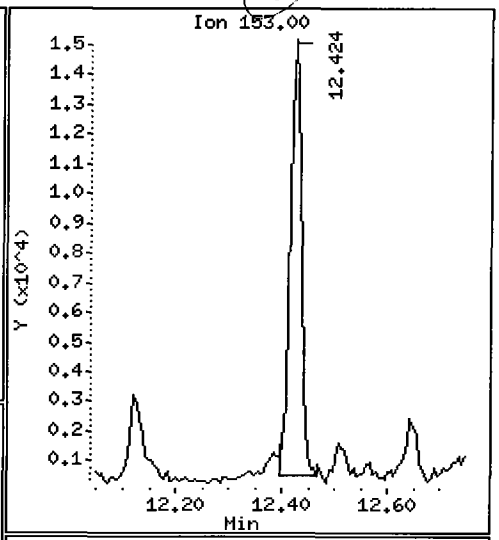
Column phase: ZB-5

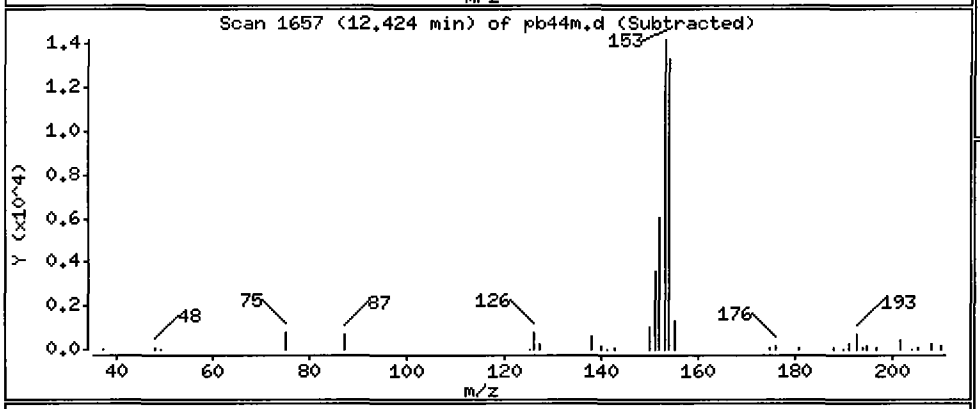
Column diameter: 0.32

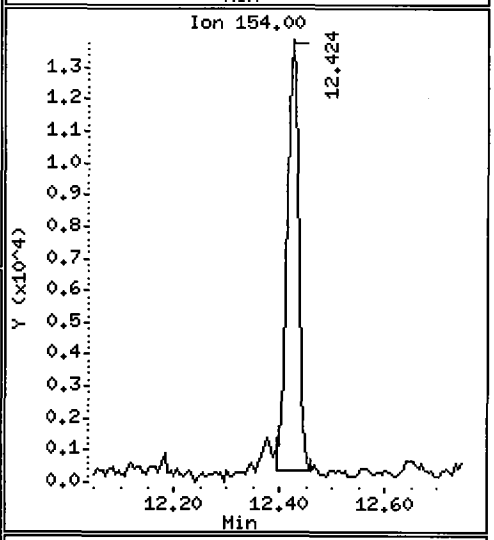
44 Acenaphthene

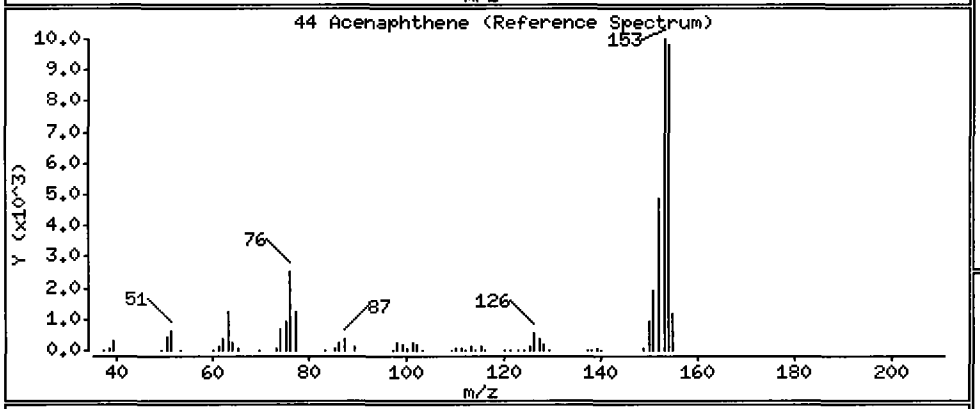
Concentration: 18.01 ug/kg

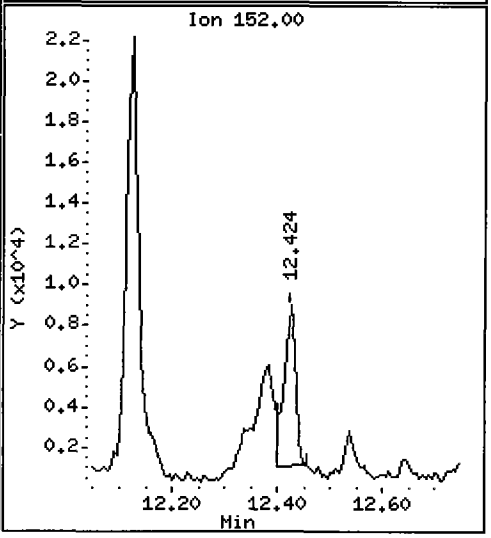


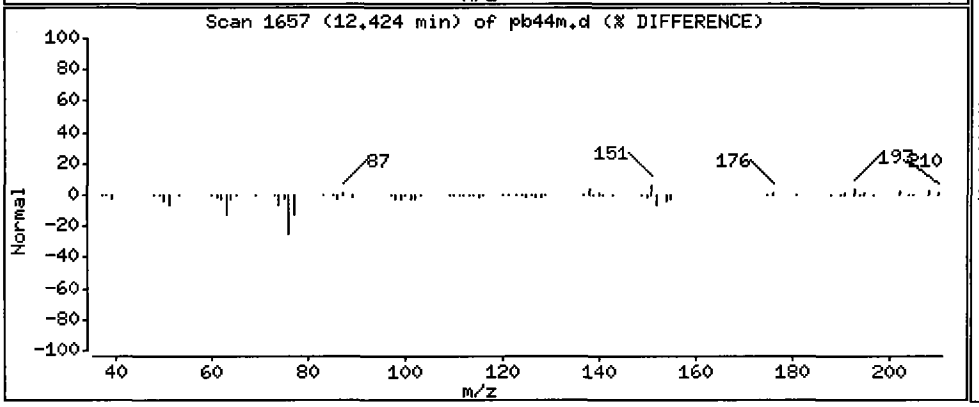












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

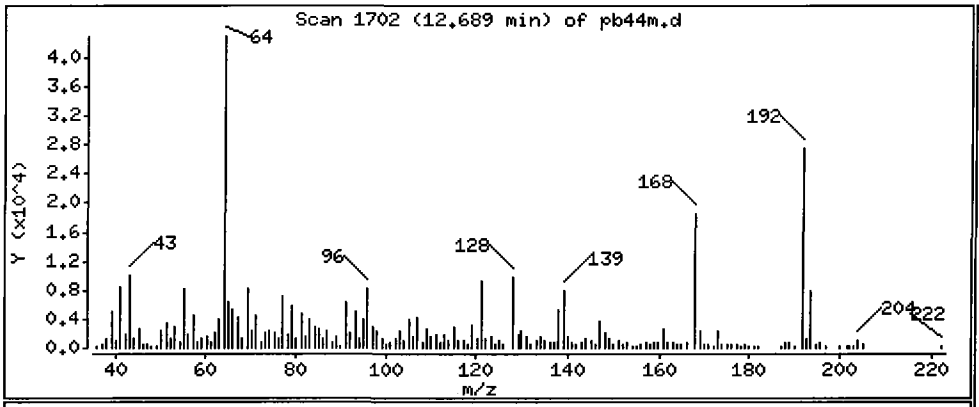
Operator: LJR/VTS

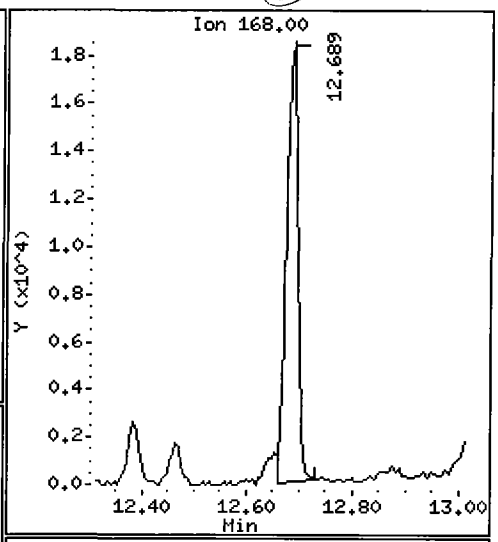
Column phase: ZB-5

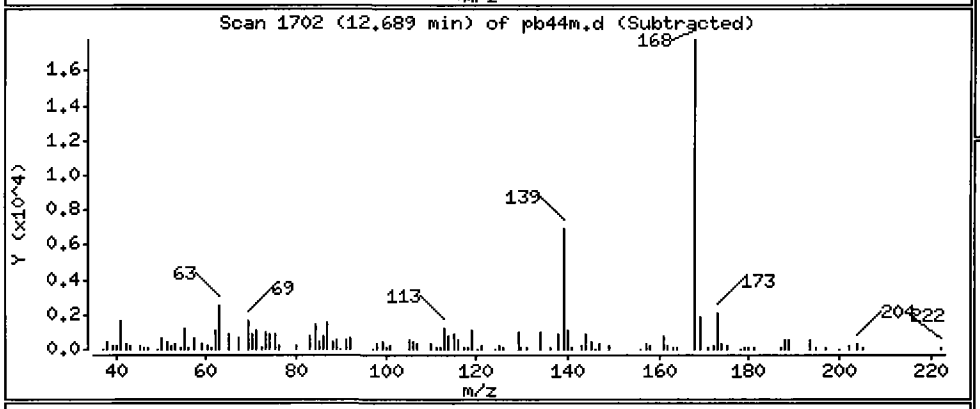
Column diameter: 0.32

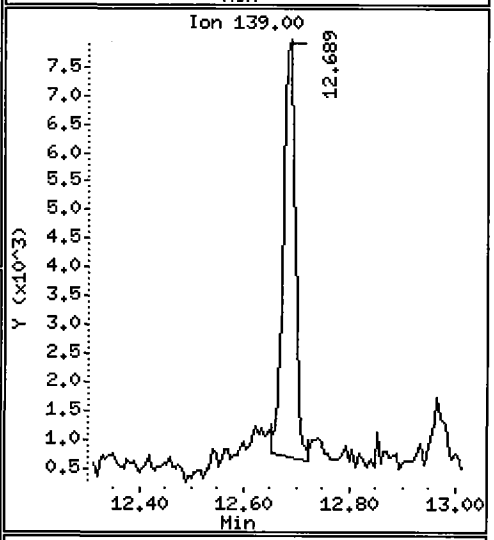
46 Dibenzofuran

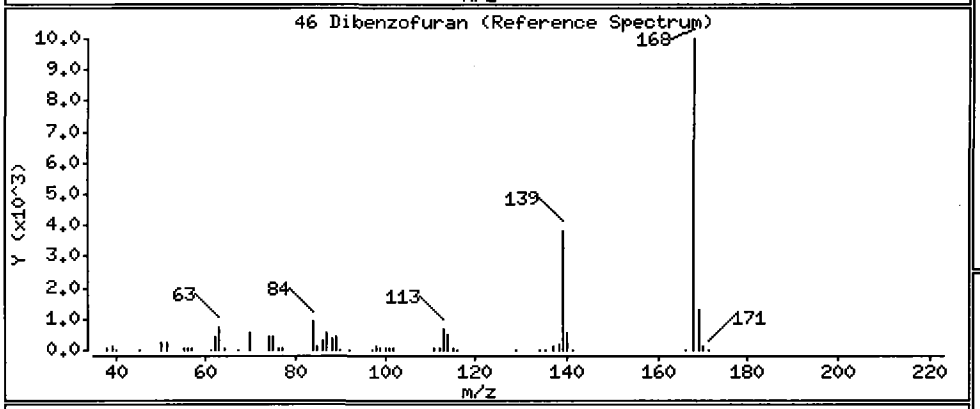
Concentration: 16.54 ug/kg

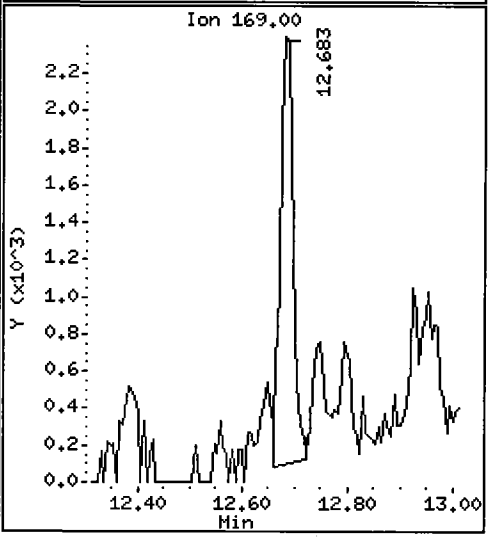


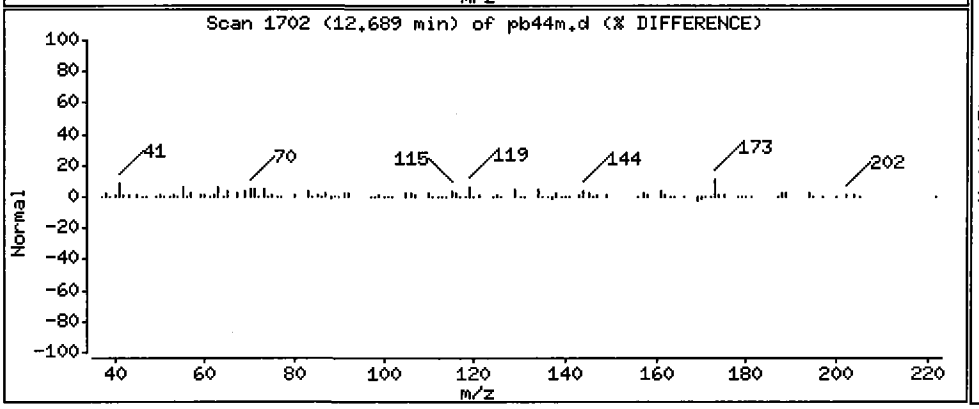












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

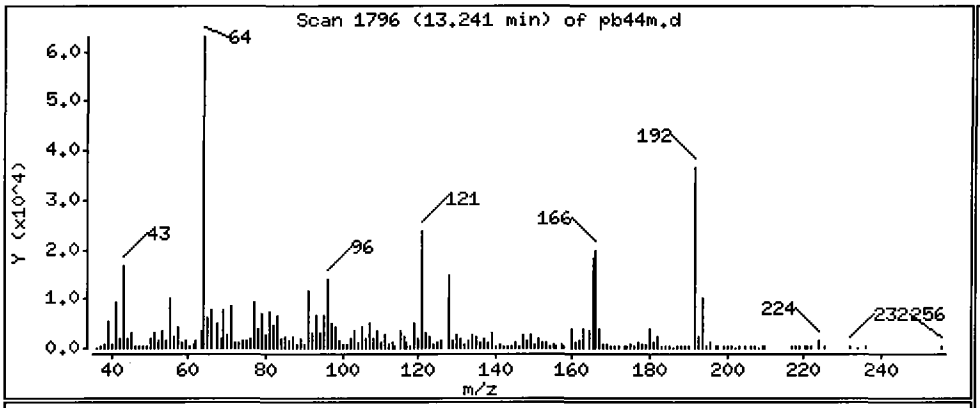
Operator: LJR/VTS

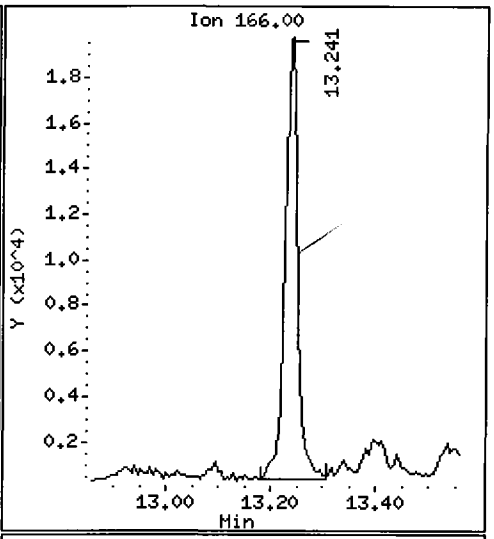
Column phase: ZB-5

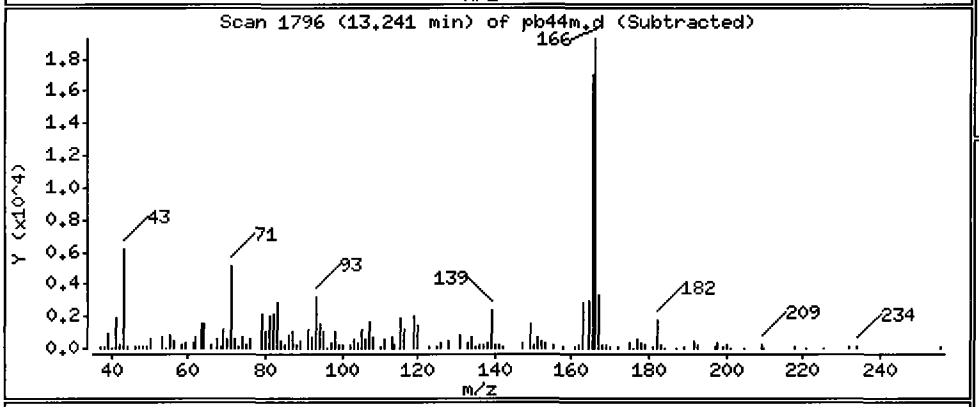
Column diameter: 0.32

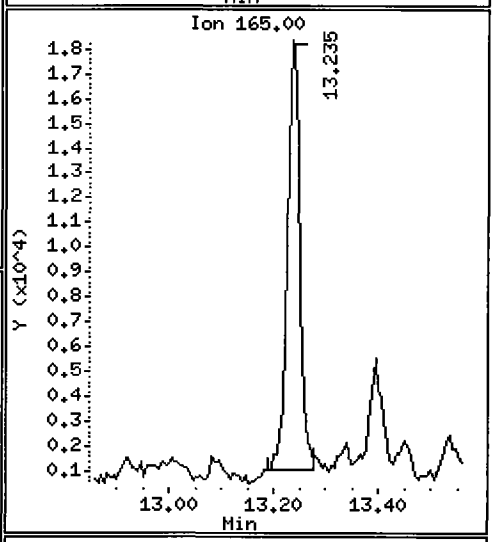
49 Fluorene

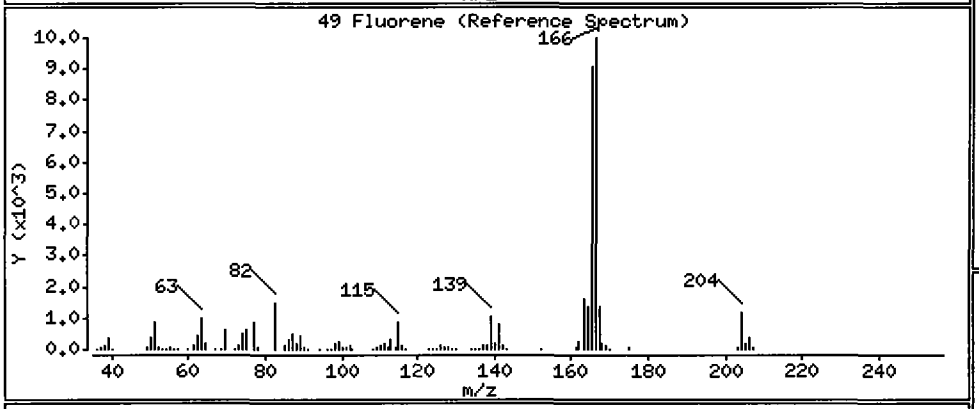
Concentration: 25.37 ug/kg

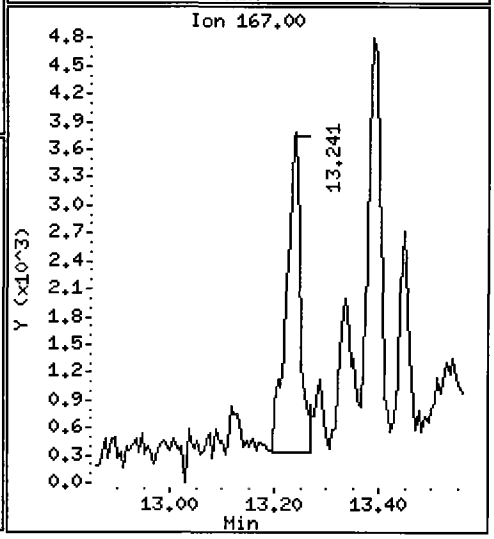


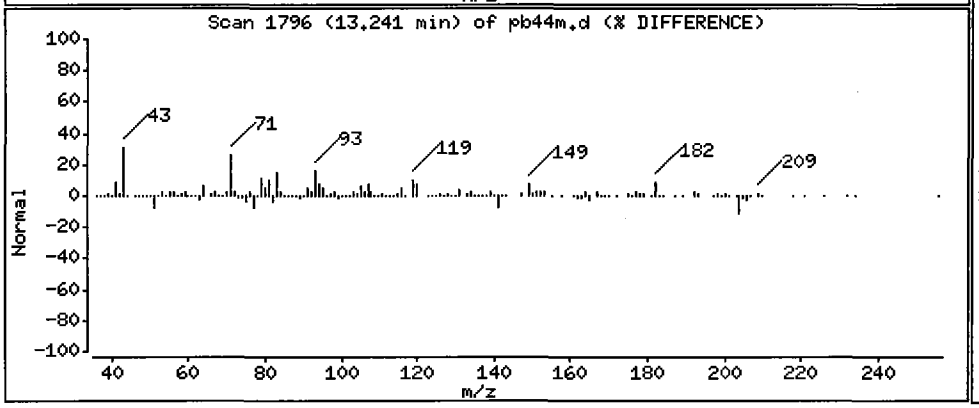












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

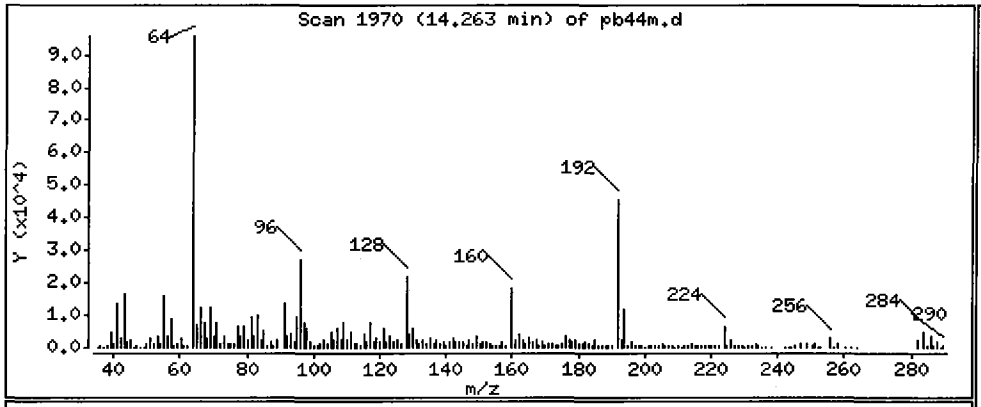
Operator: LJR/VTS

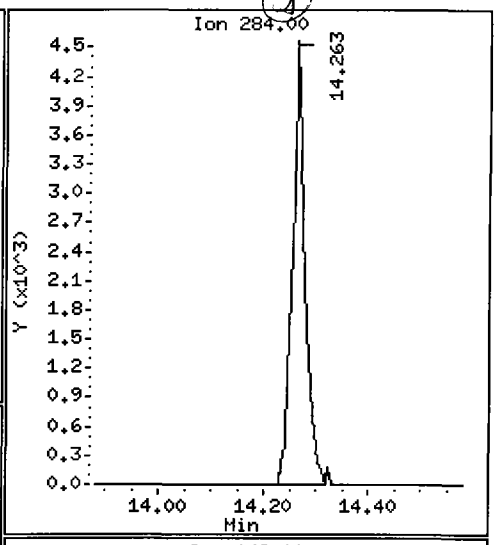
Column phase: ZB-5

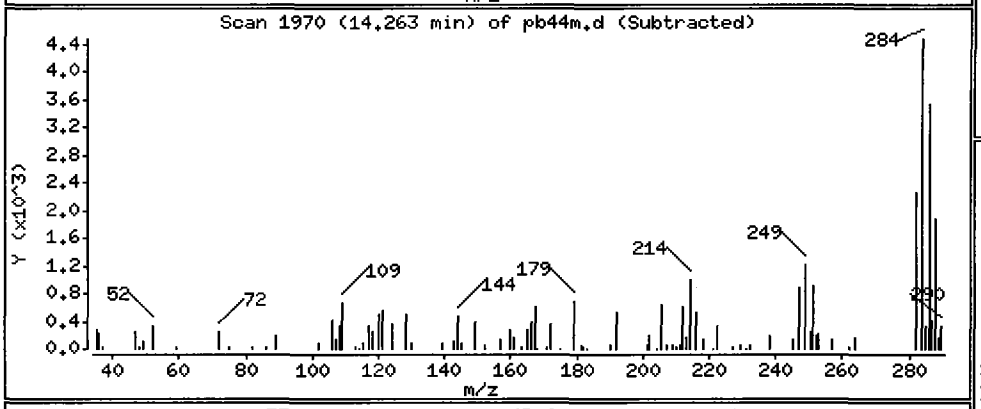
Column diameter: 0.32

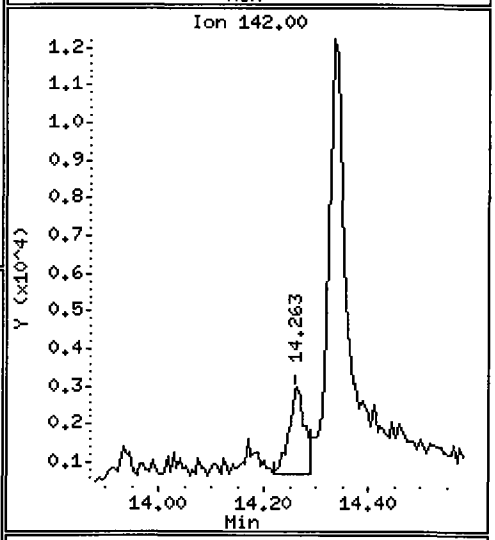
57 Hexachlorobenzene

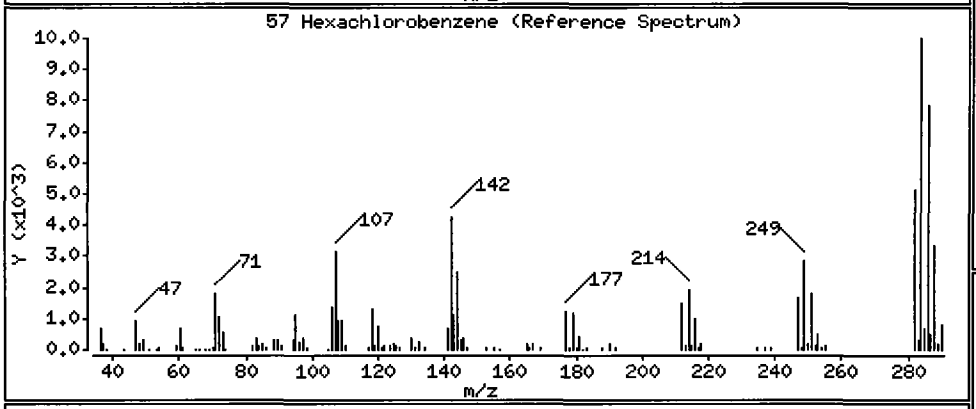
Concentration: 18.79 ug/kg

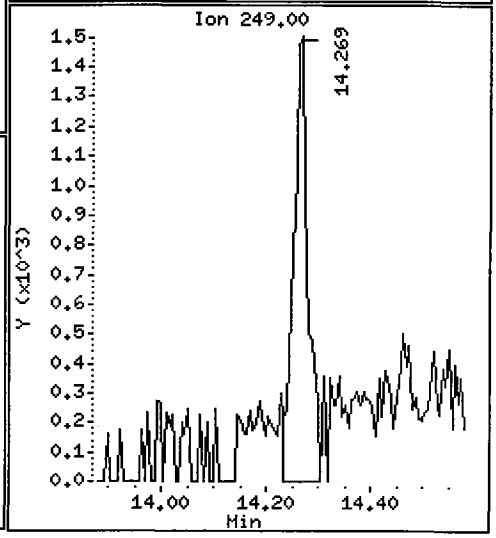


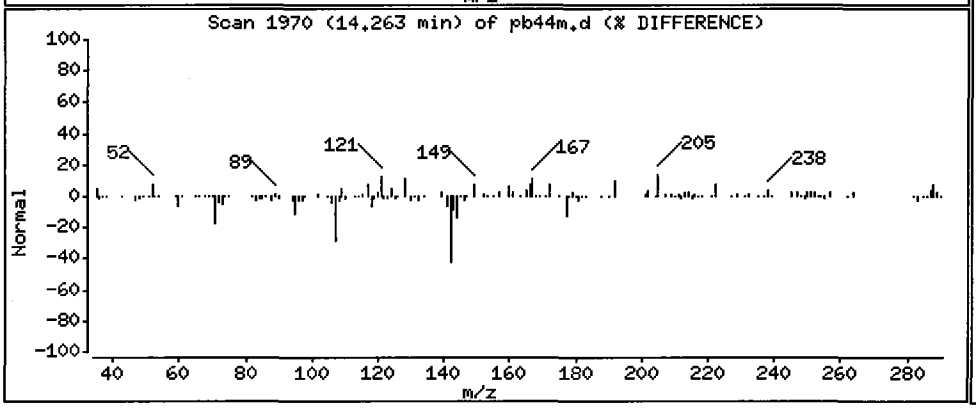












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

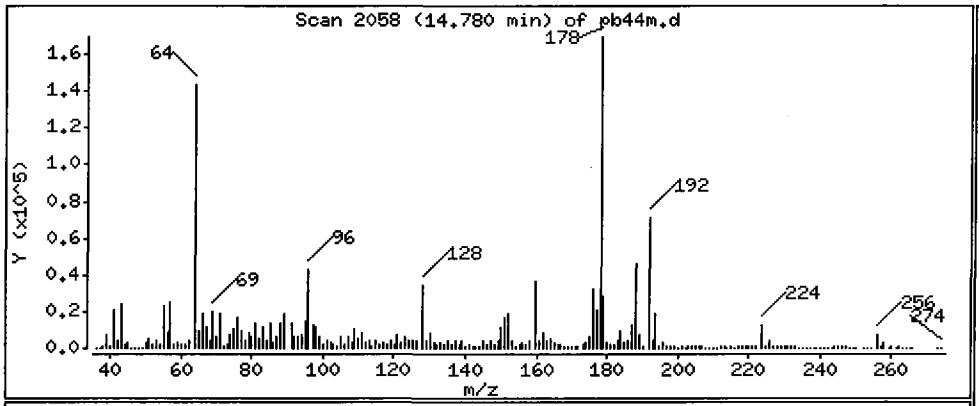
Operator: LJR/VTS

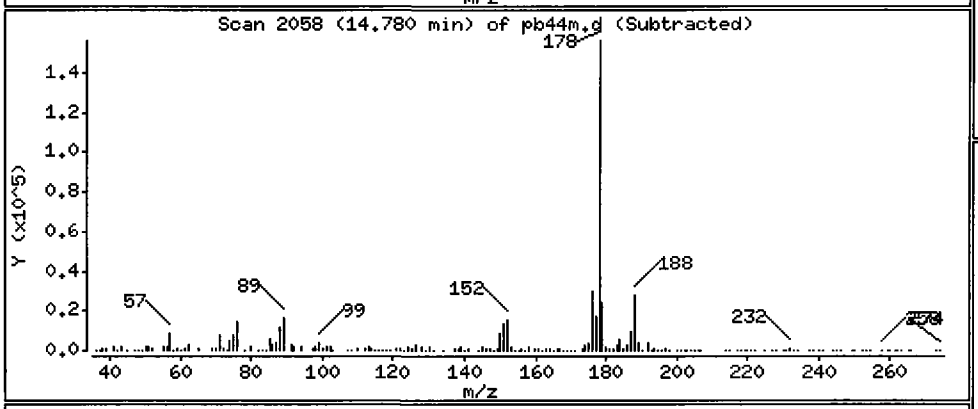
Column phase: ZB-5

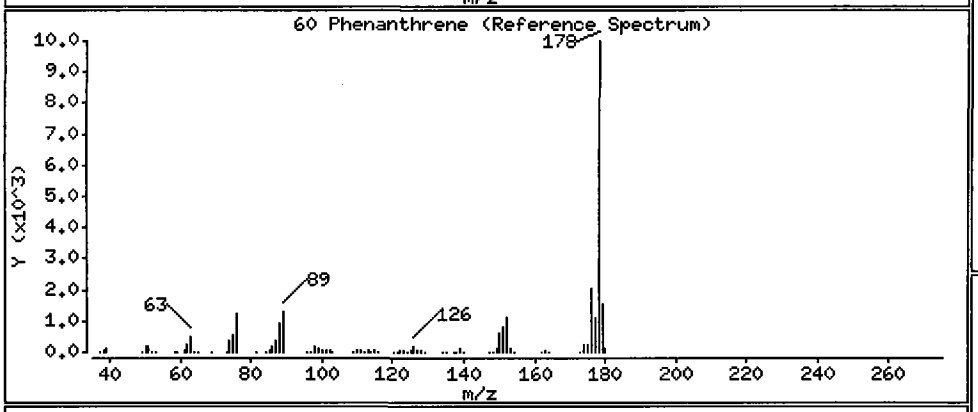
Column diameter: 0.32

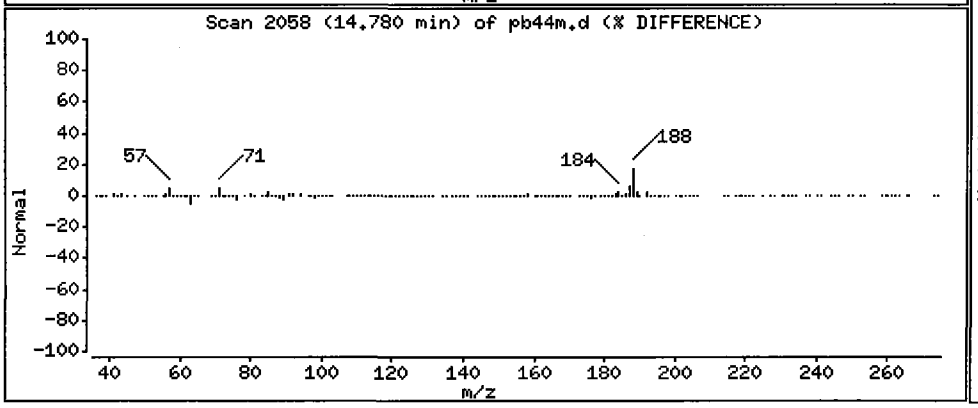
60 Phenanthrene

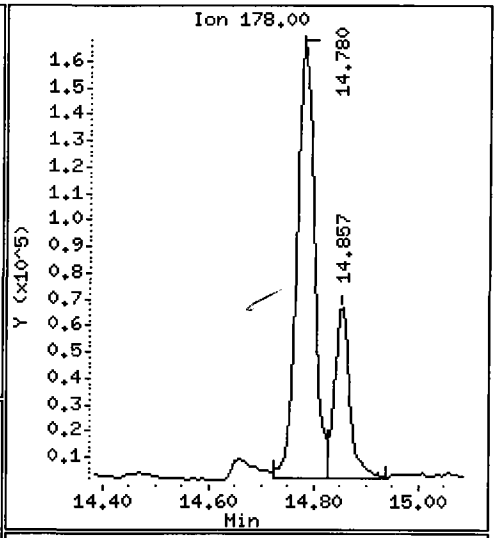
Concentration: 180.2 ug/kg

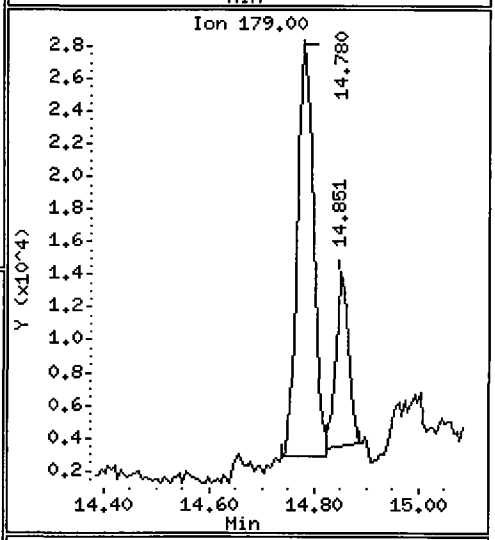


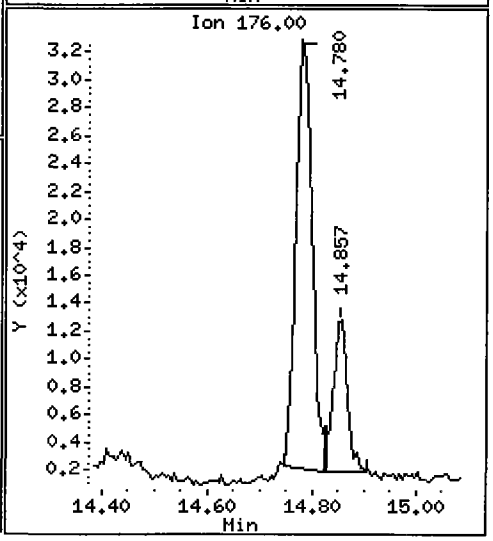












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

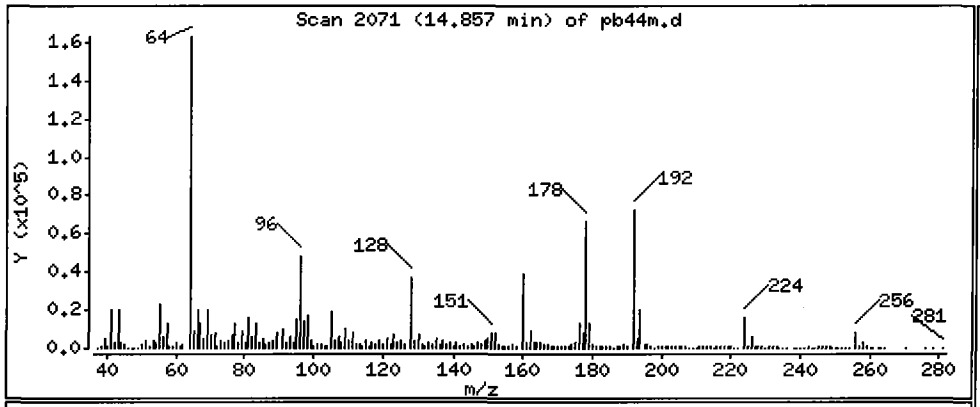
Operator: LJR/VTS

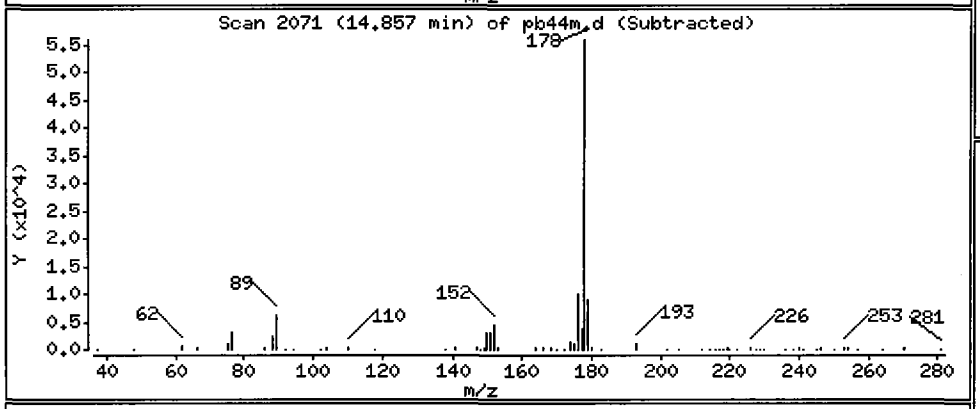
Column phase: ZB-5

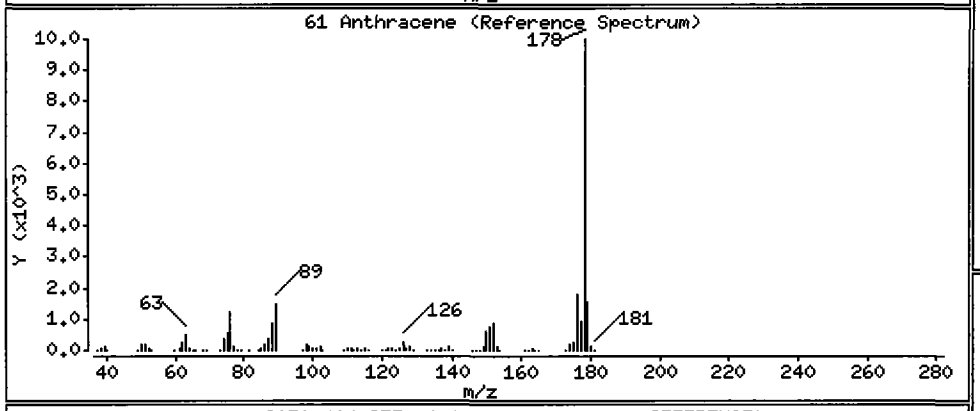
Column diameter: 0.32

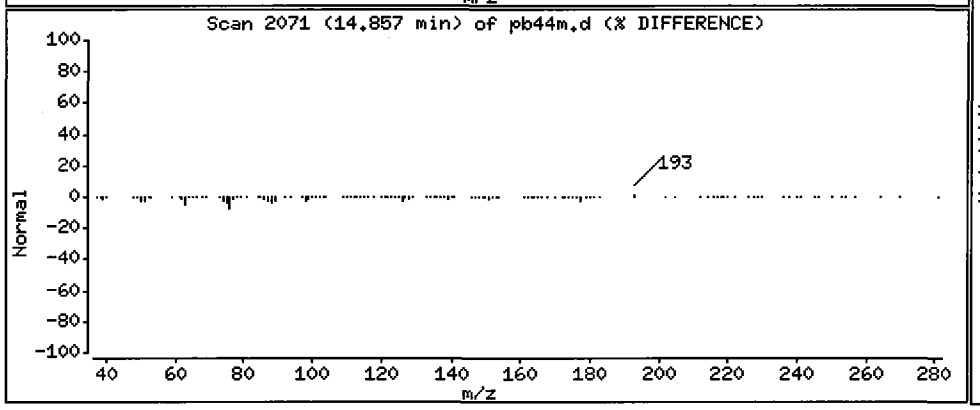
61 Anthracene

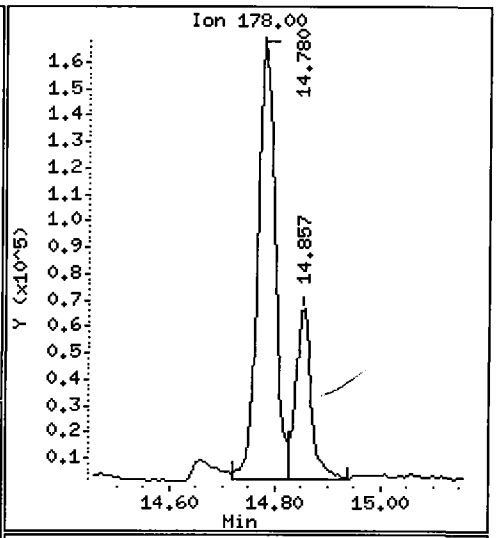
Concentration: 60.94 ug/kg

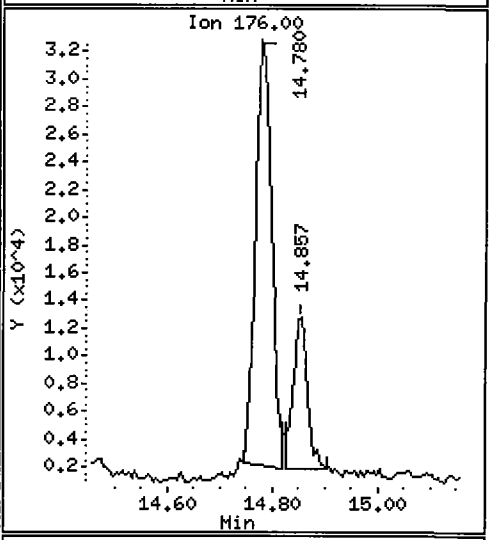


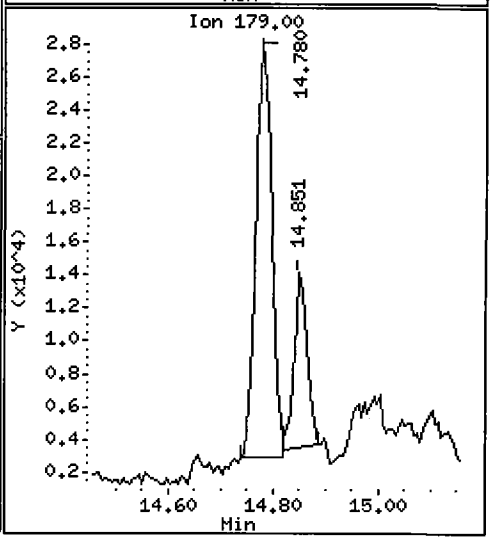












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

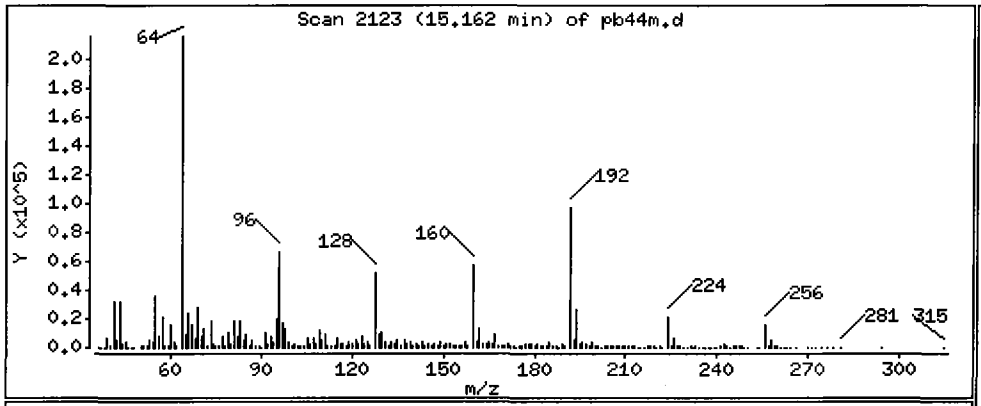
Operator: LJR/VTS

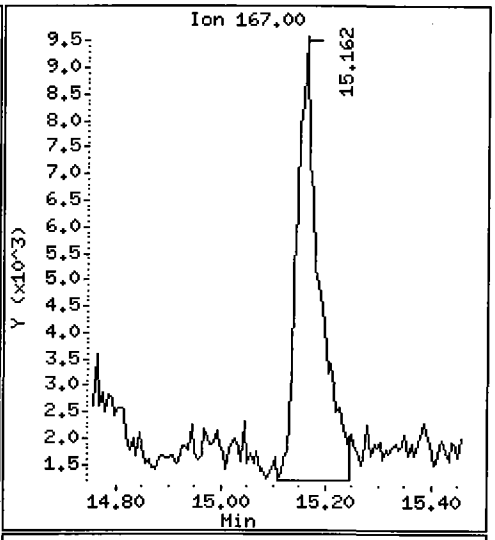
Column phase: ZB-5

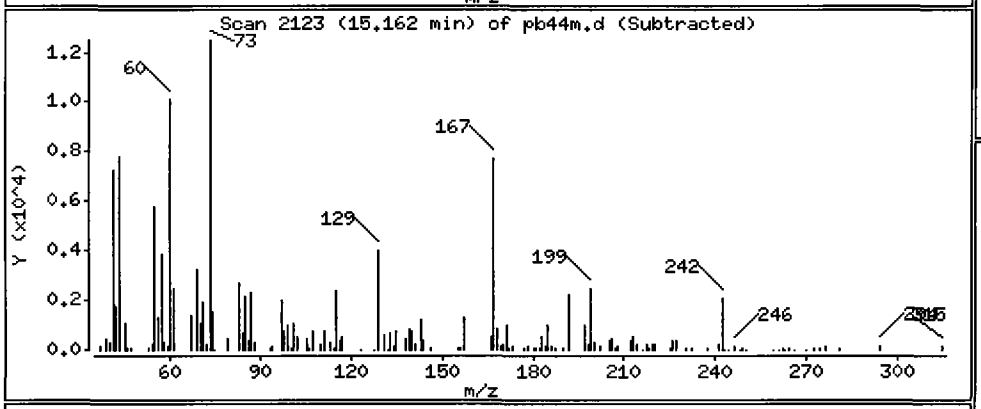
Column diameter: 0.32

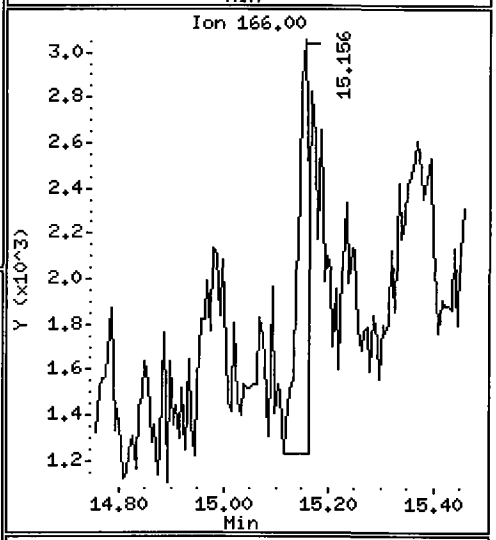
62 Carbazole

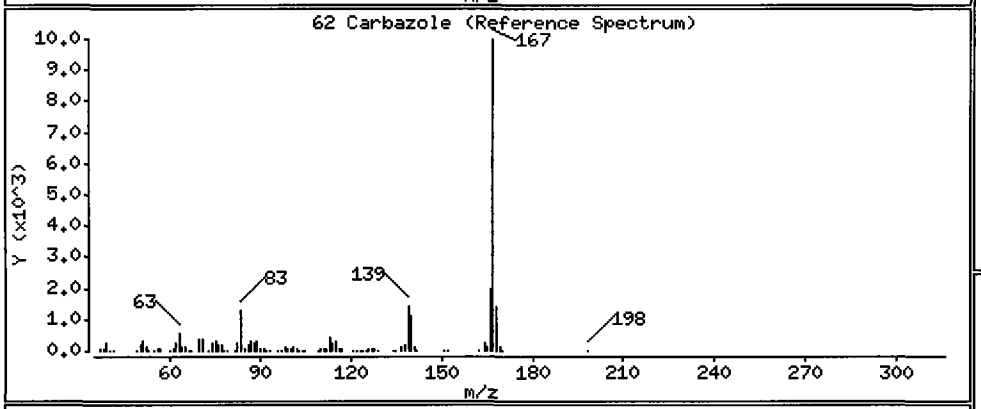
Concentration: 13.51 ug/kg

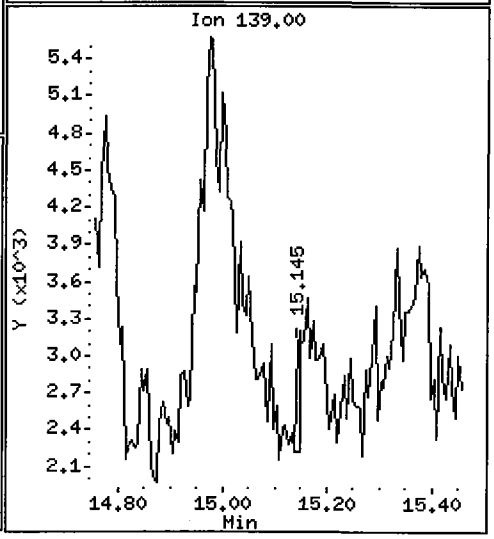


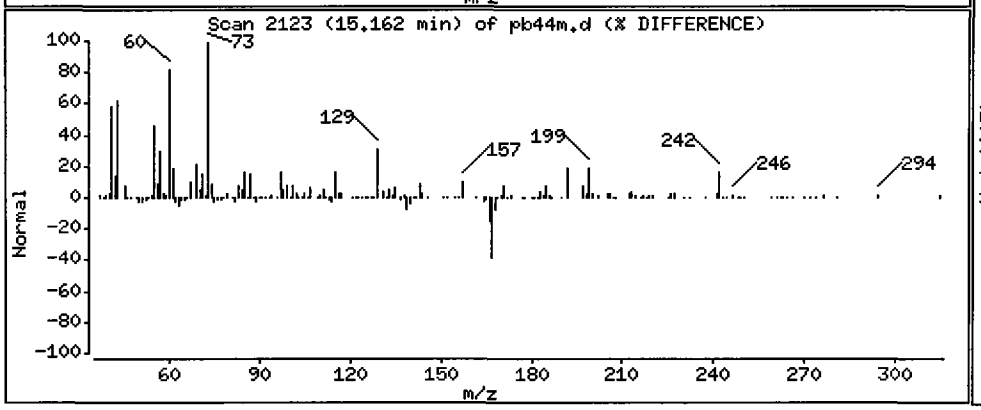












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

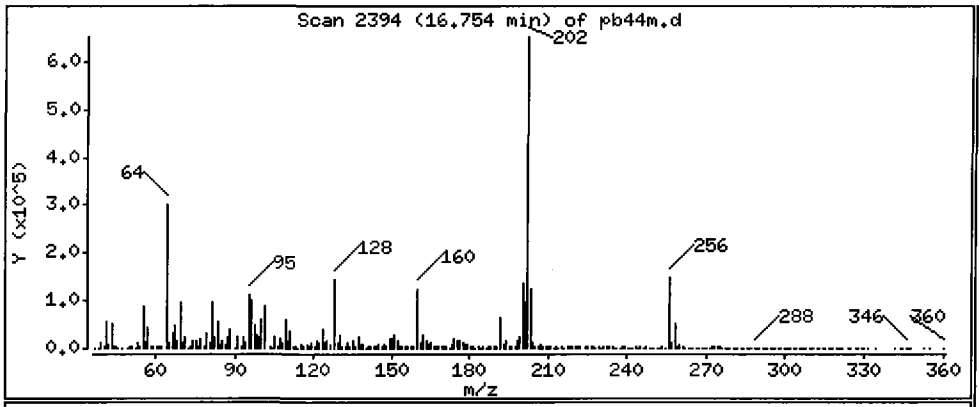
Operator: LJR/VTS

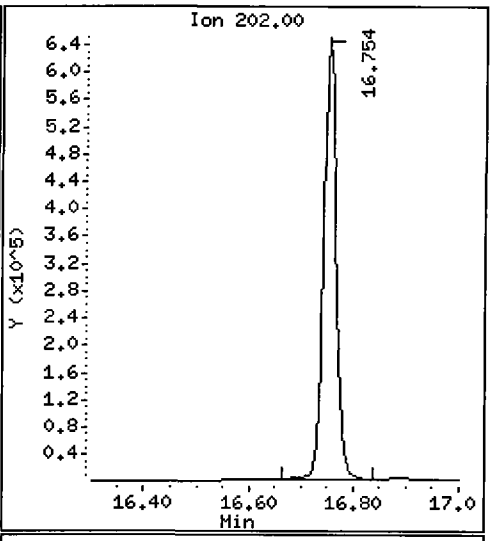
Column phase: ZB-5

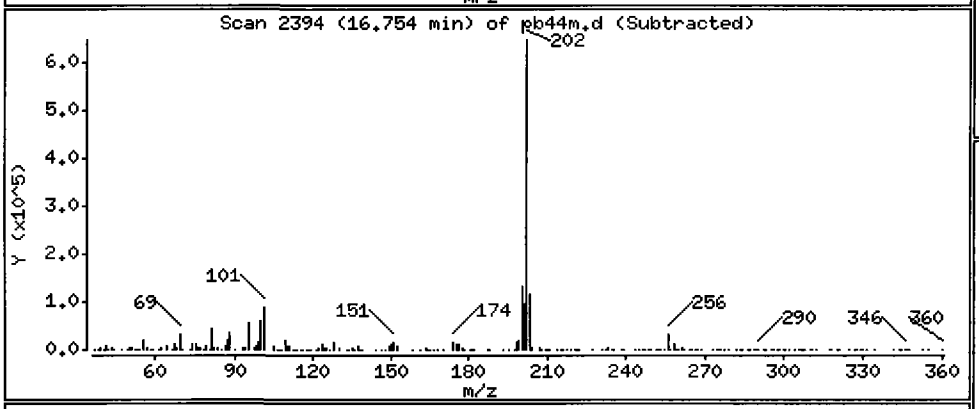
Column diameter: 0.32

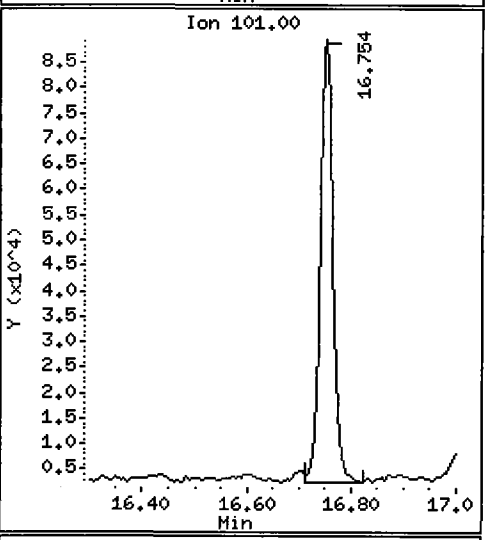
64 Fluoranthene

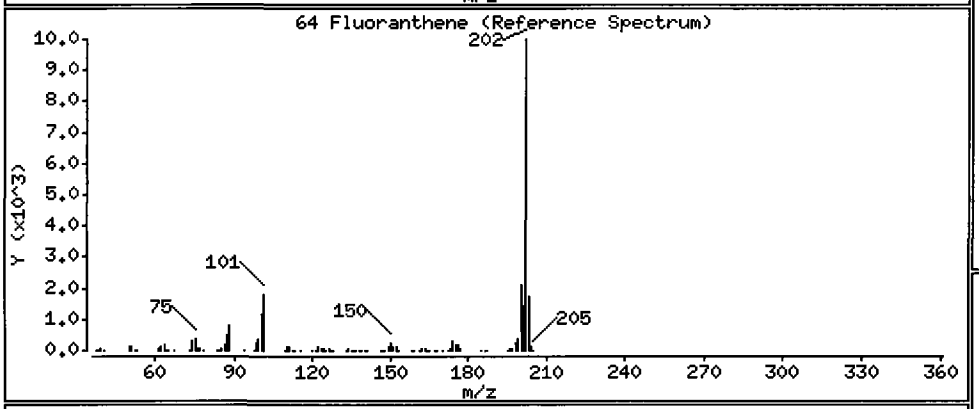
Concentration: 526.7 ug/kg

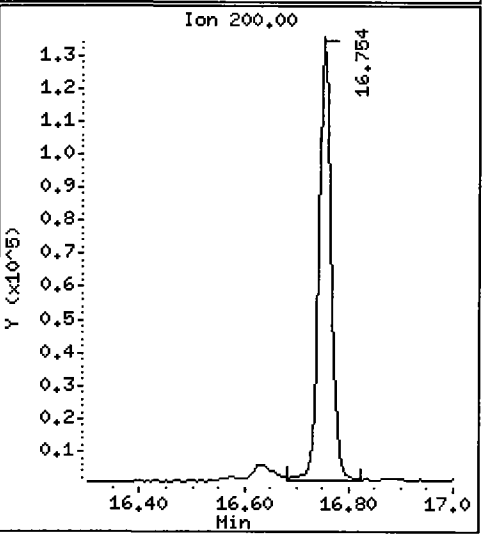


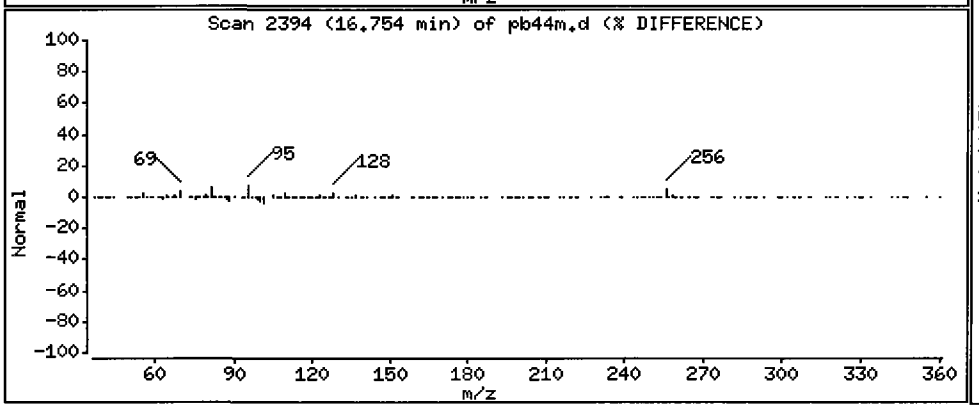












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

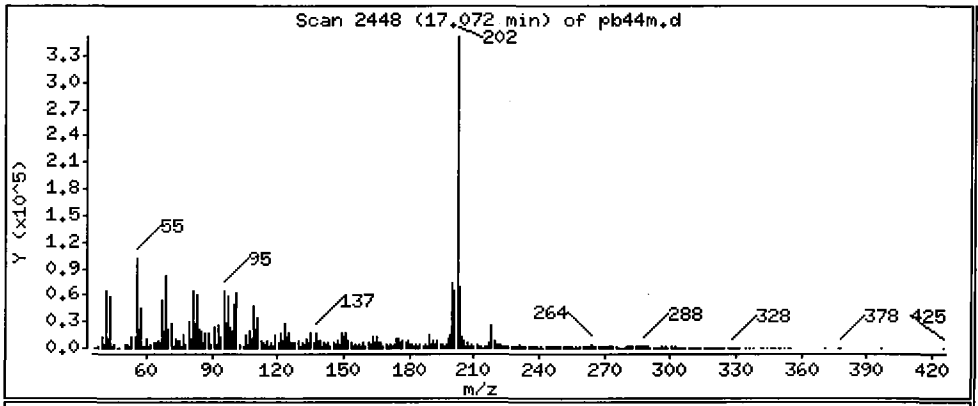
Operator: LJR/VTS

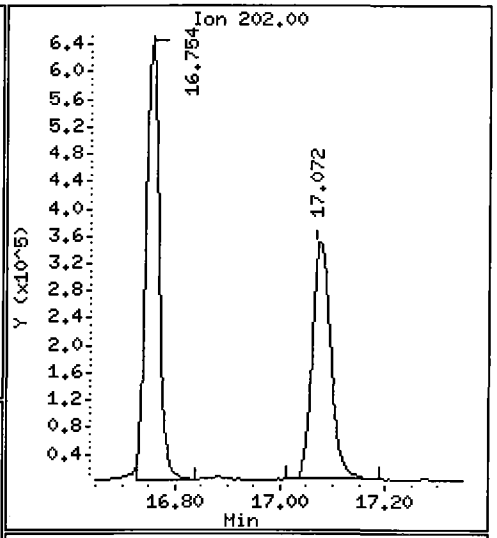
Column phase: ZB-5

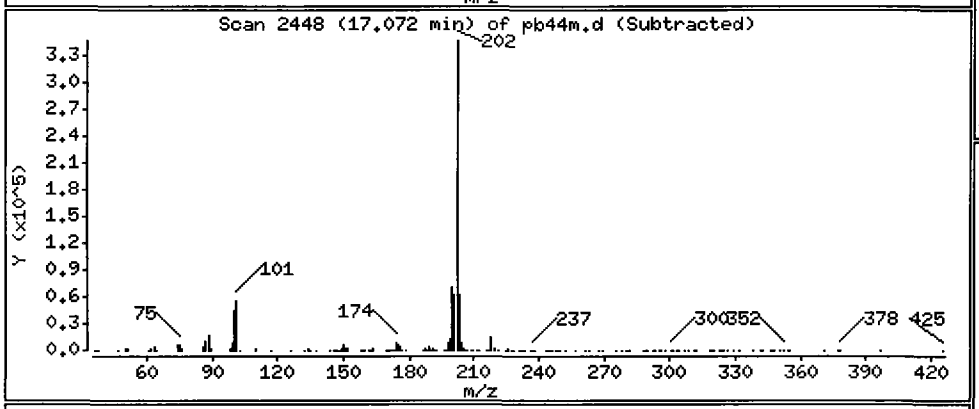
Column diameter: 0.32

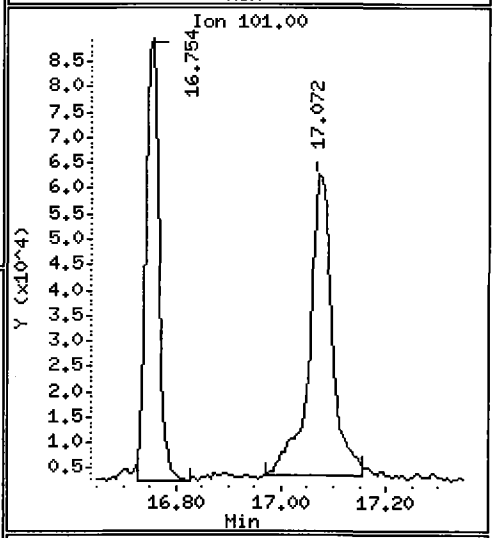
65 Pyrene

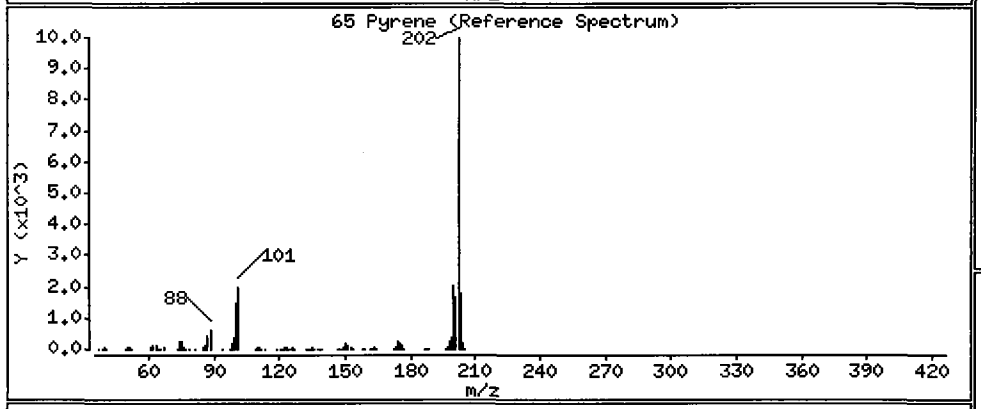
Concentration: 322.7 ug/kg

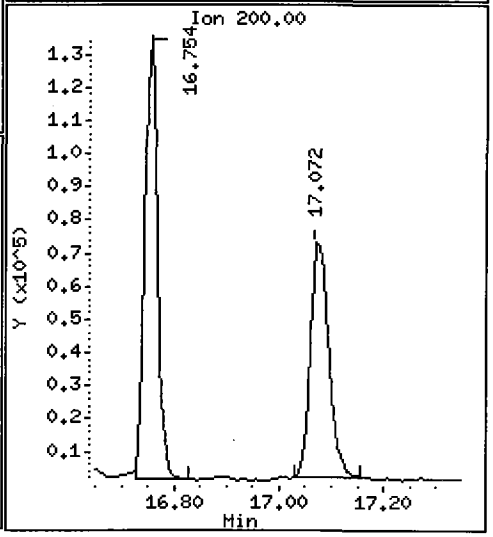


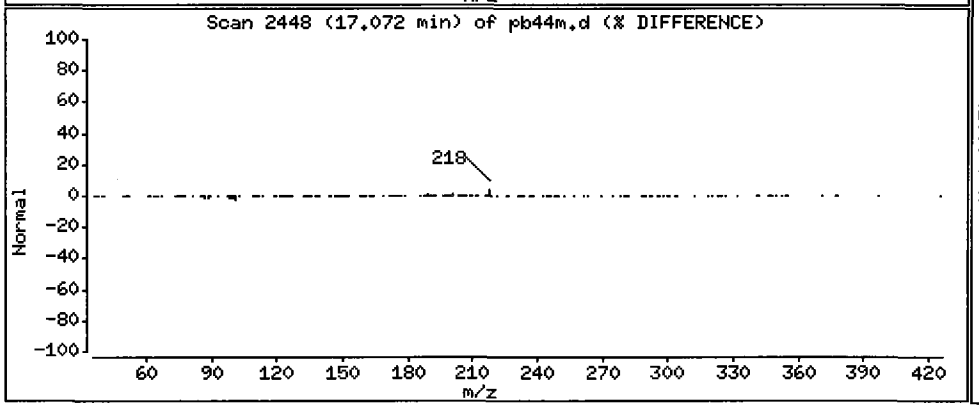












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

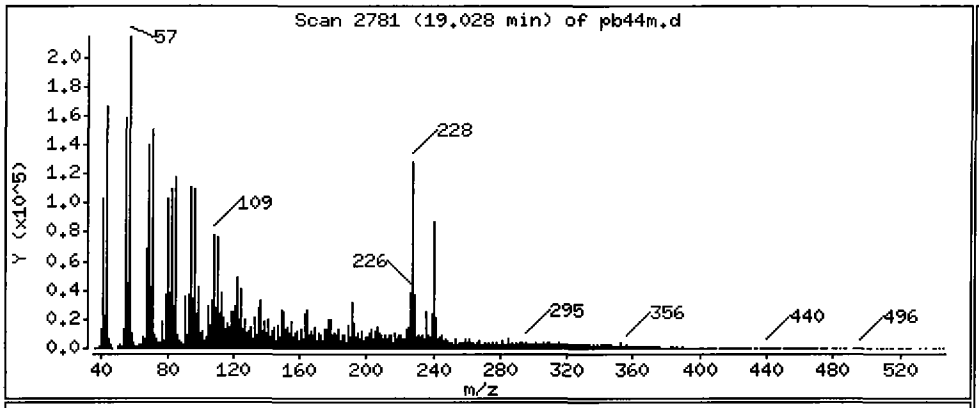
Operator: LJR/VTS

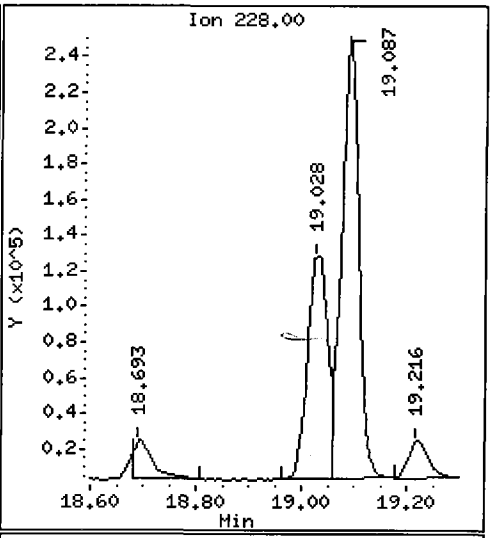
Column phase: ZB-5

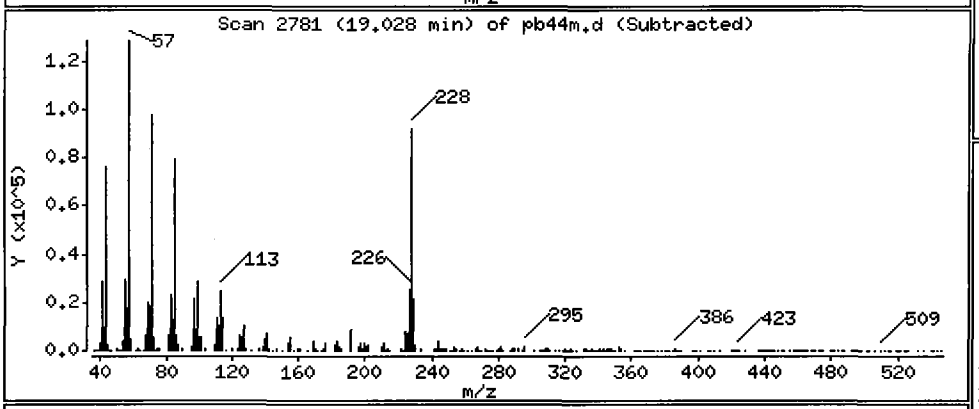
Column diameter: 0.32

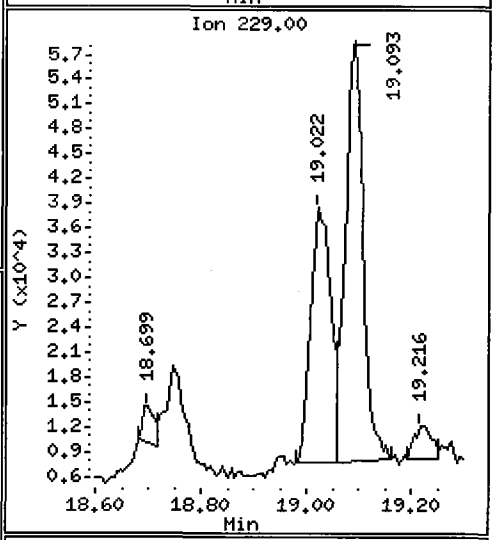
68 Benzo(a)anthracene

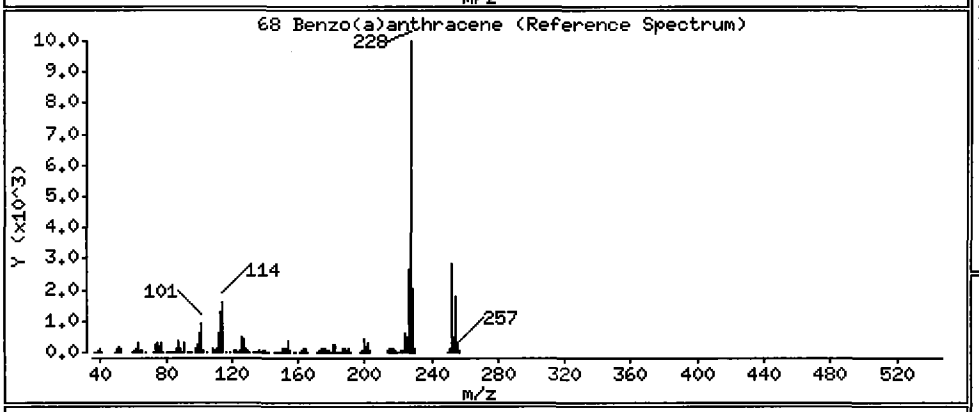
Concentration: 160.4 ug/kg

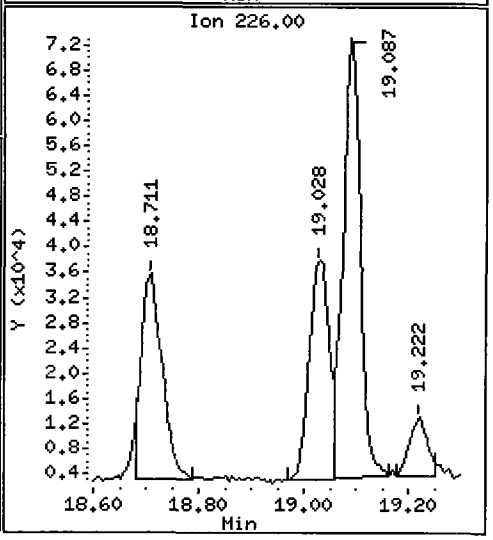


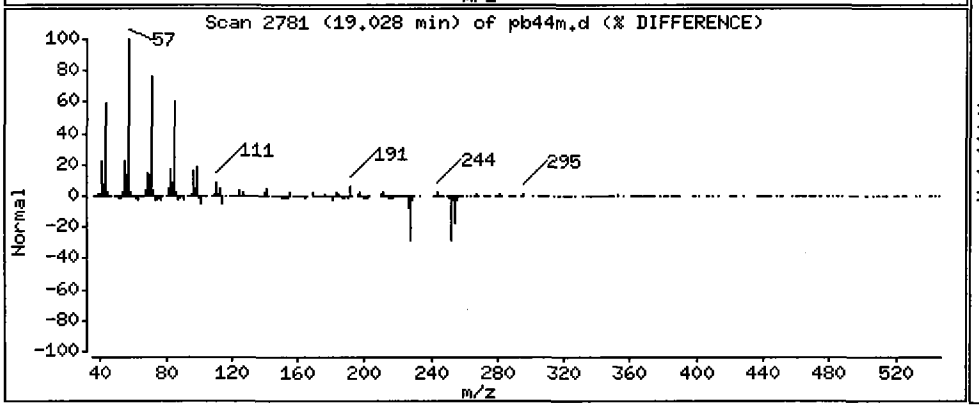












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

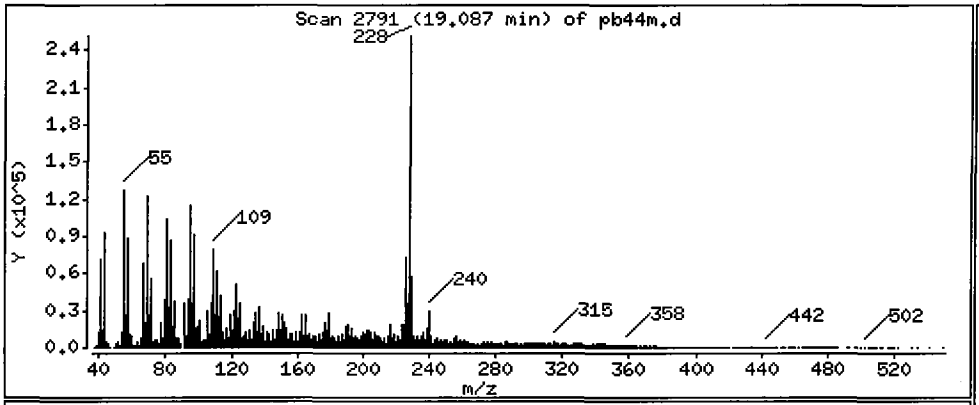
Operator: LJR/VTS

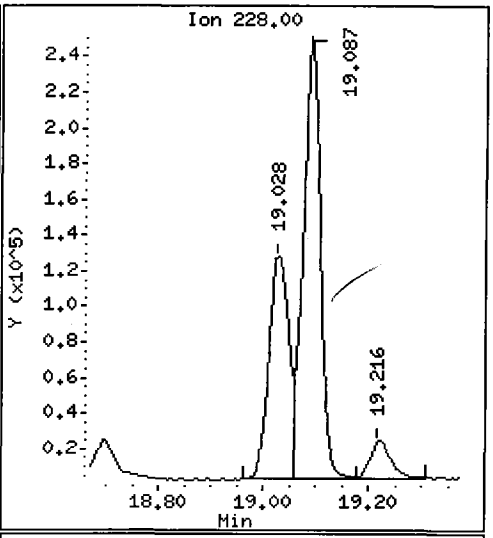
Column phase: ZB-5

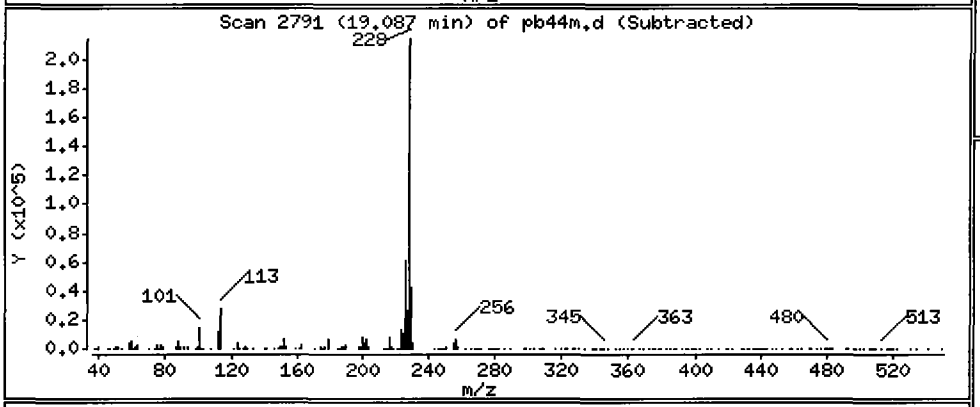
Column diameter: 0.32

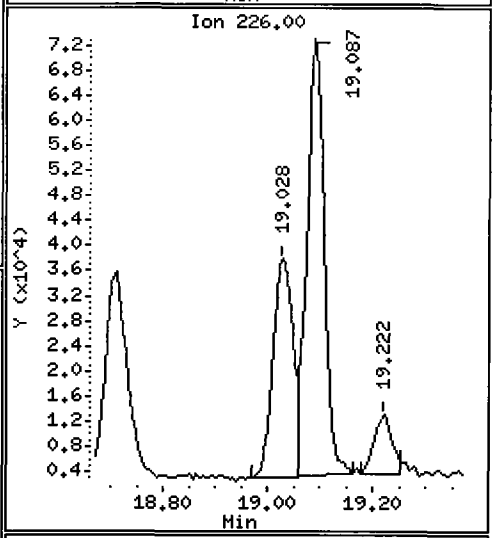
71 Chrysene

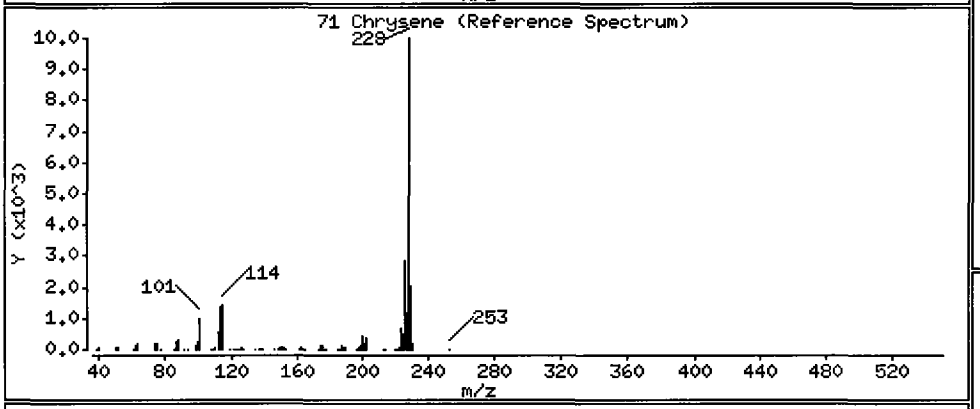
Concentration: 271.7 ug/kg

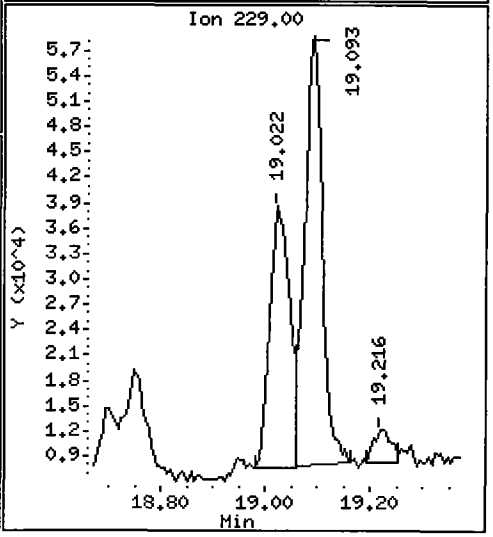


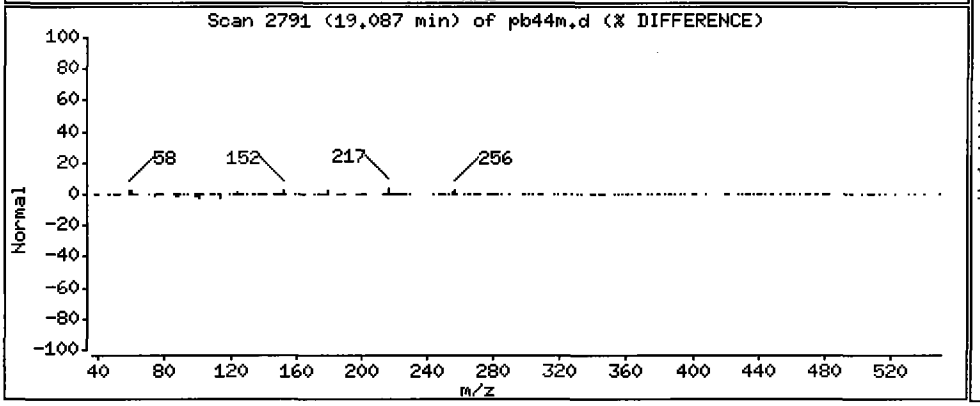












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

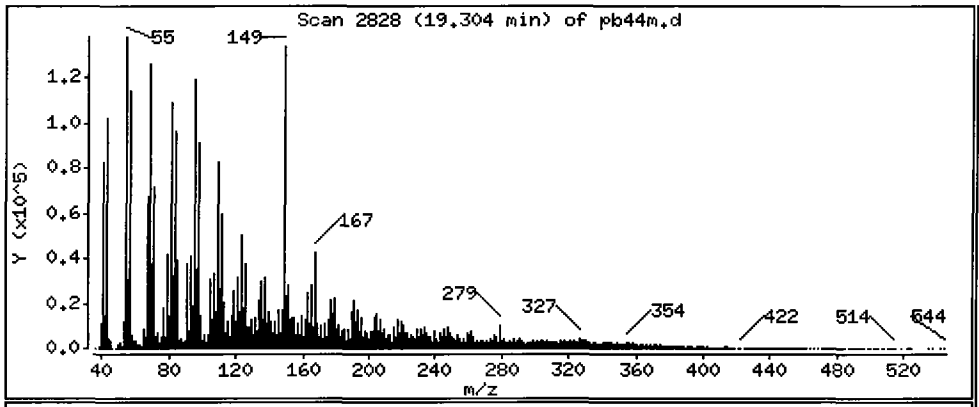
Operator: LJR/VTS

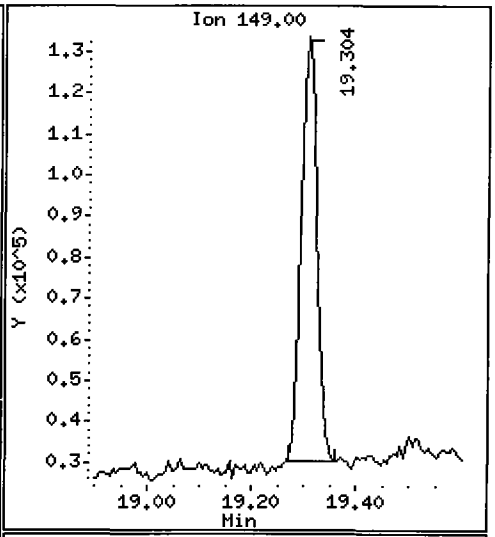
Column phase: ZB-5

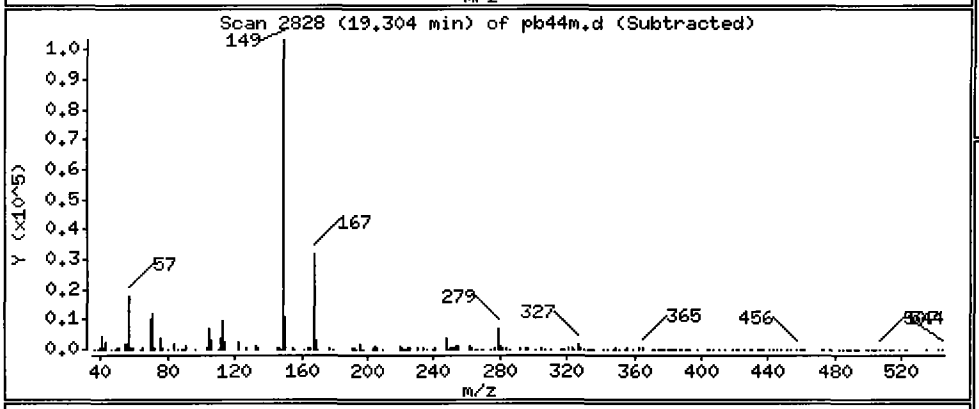
Column diameter: 0.32

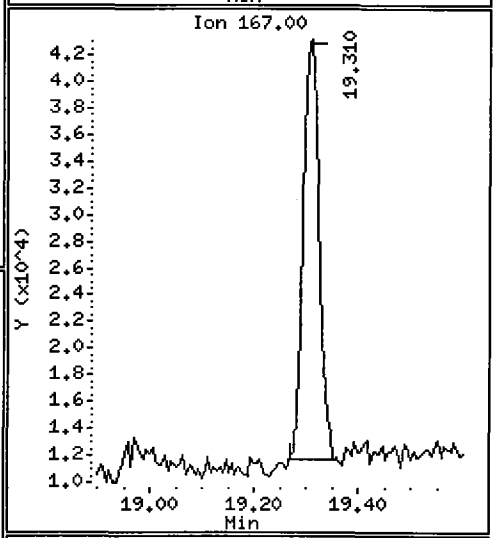
72 bis(2-Ethylhexyl)phthalate

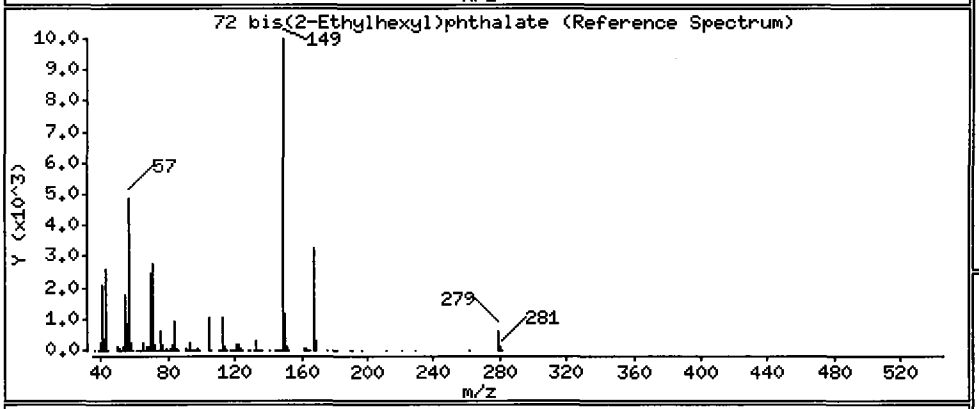
Concentration: 159.6 ug/kg

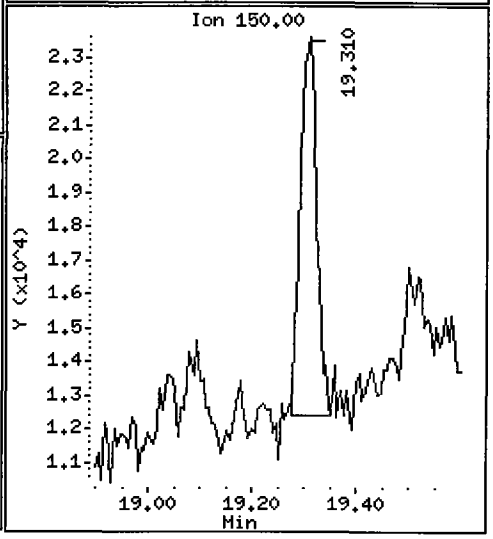


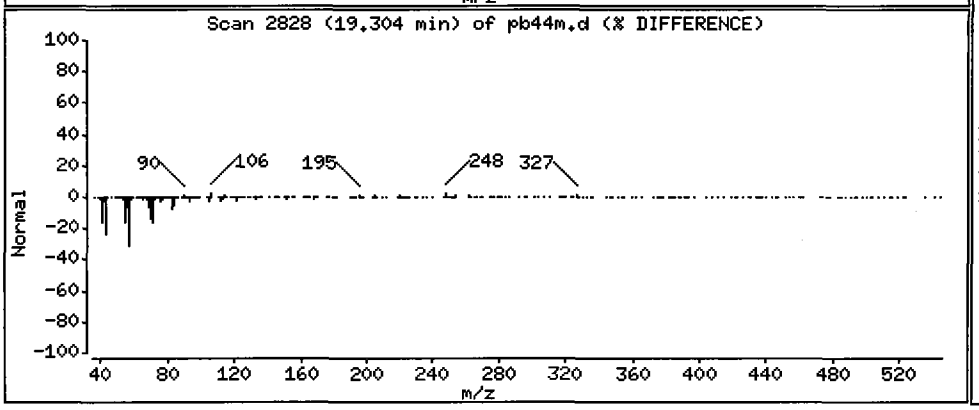












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

Operator: LJR/VTS

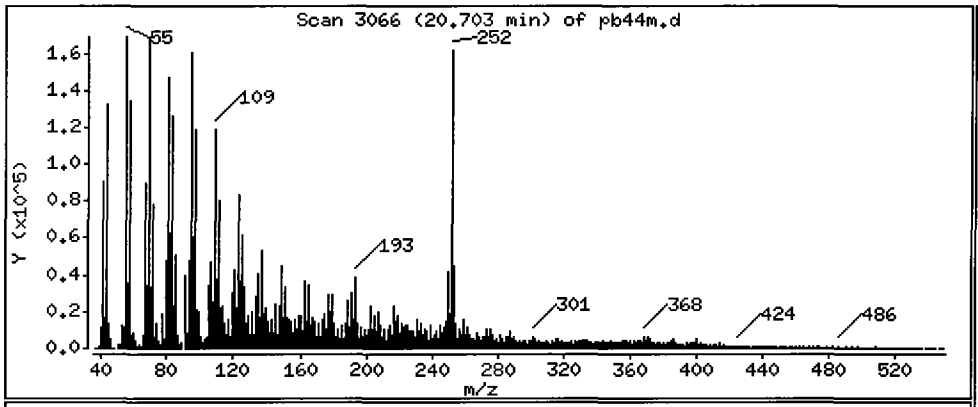
Column phase: ZB-5

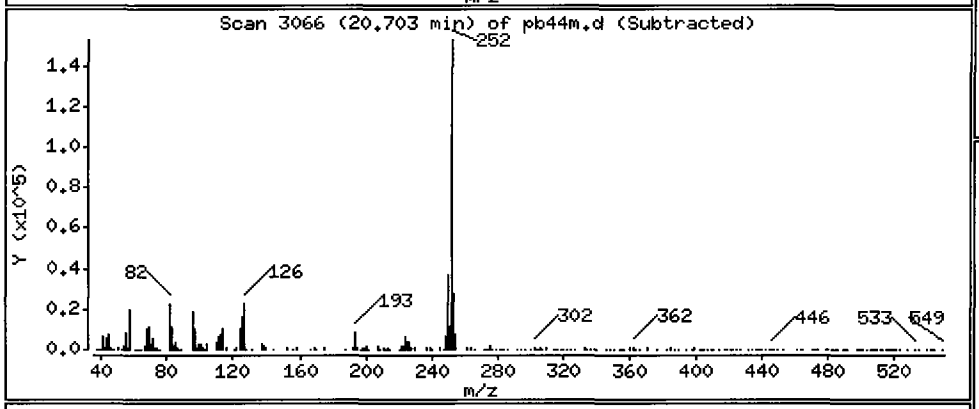
Column diameter: 0.32

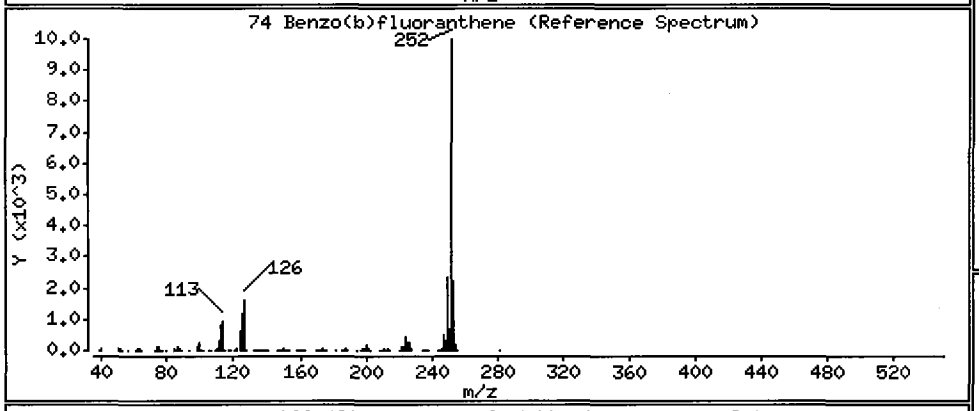
74 Benzo(b)fluoranthene

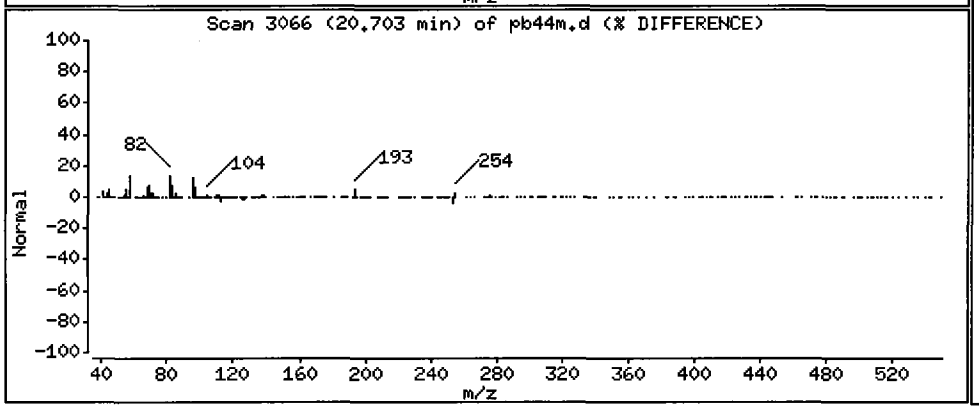
Concentration: 256.1 ug/kg

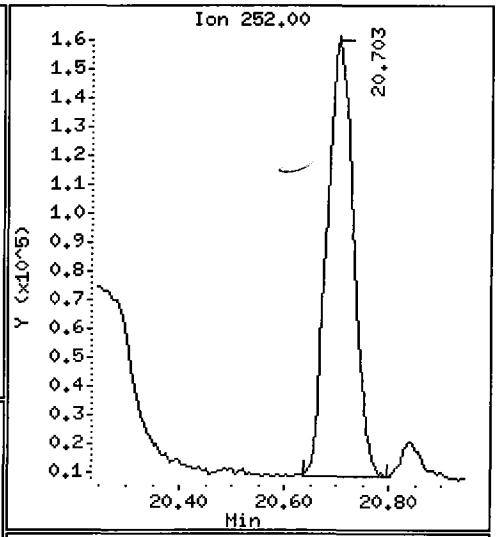
1/2

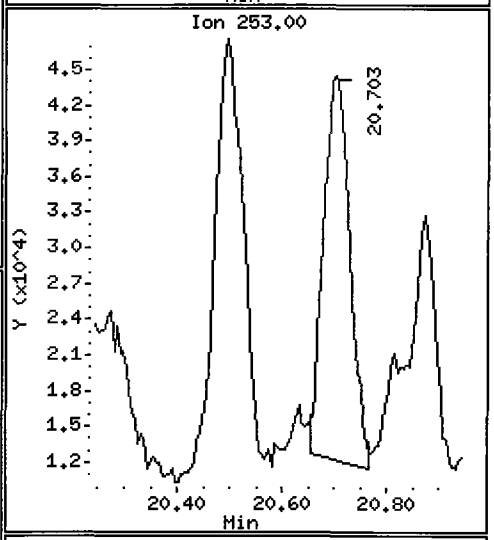


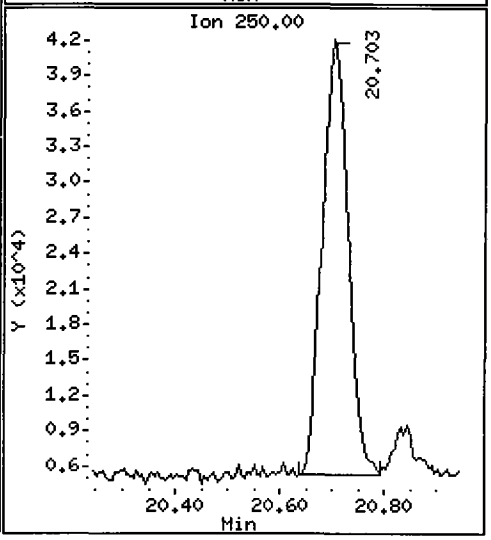












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

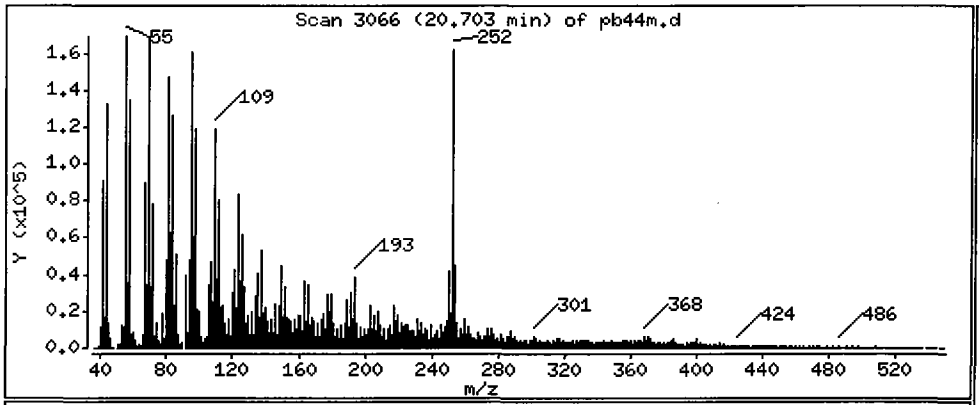
Operator: LJR/VTS

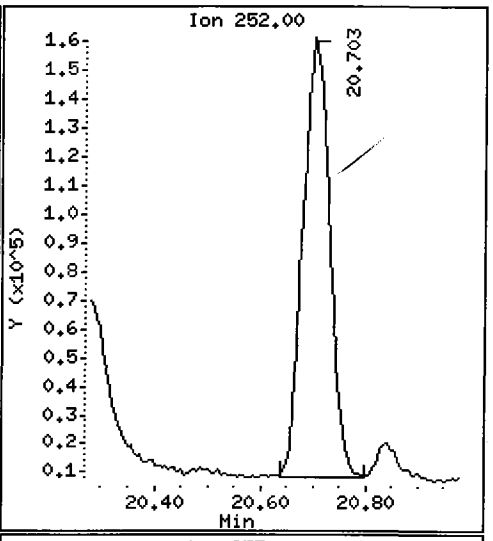
Column phase: ZB-5

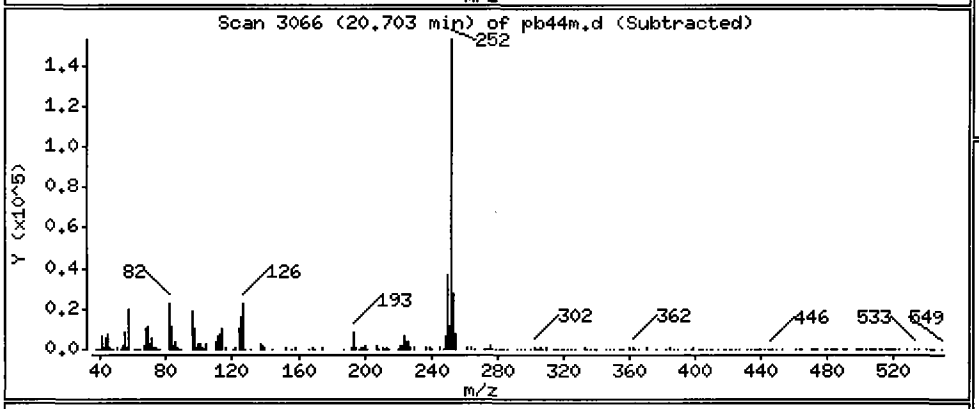
Column diameter: 0.32

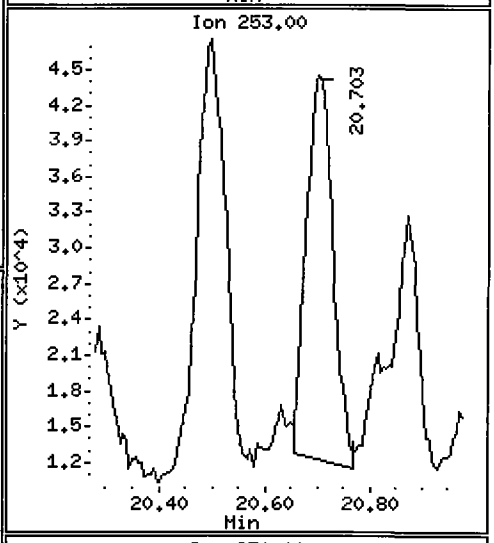
75 Benzo(k)fluoranthene

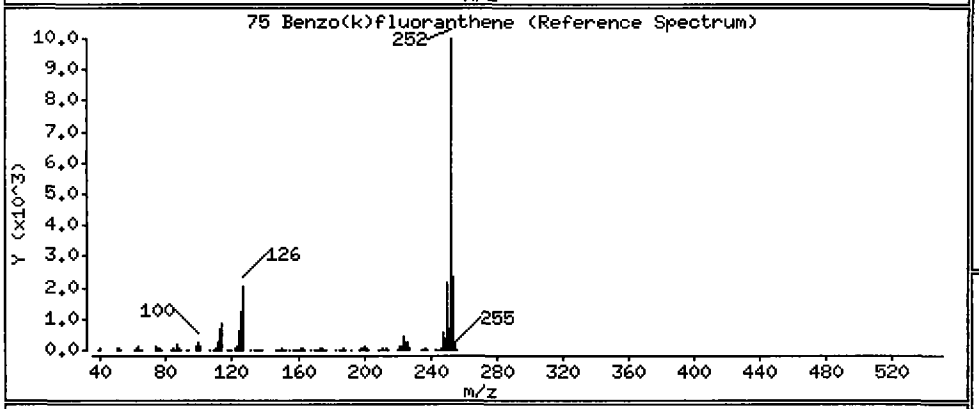
Concentration: 247.4 ug/kg

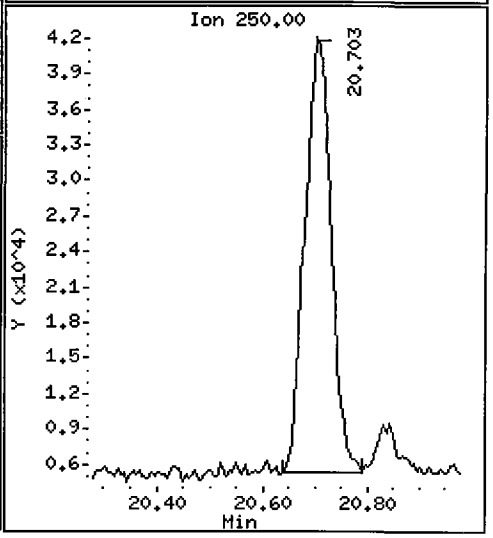


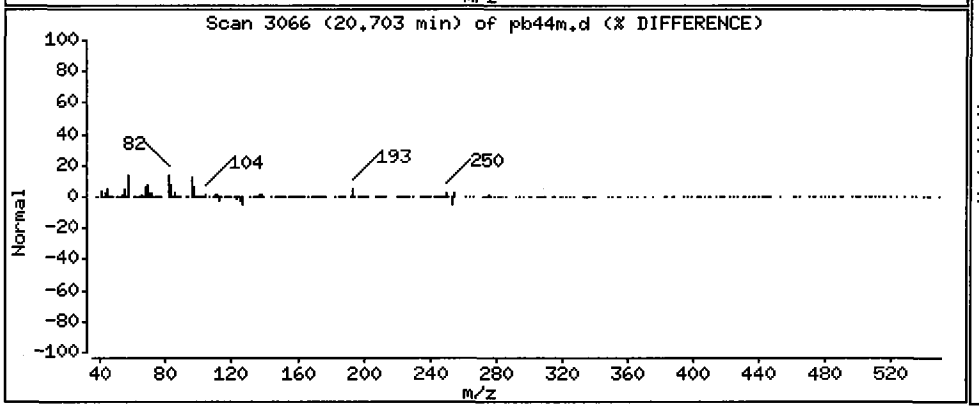












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

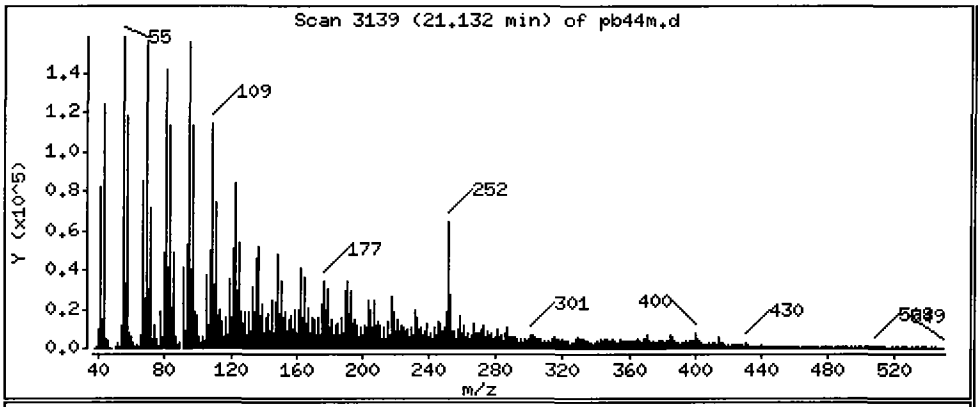
Operator: LJR/VTS

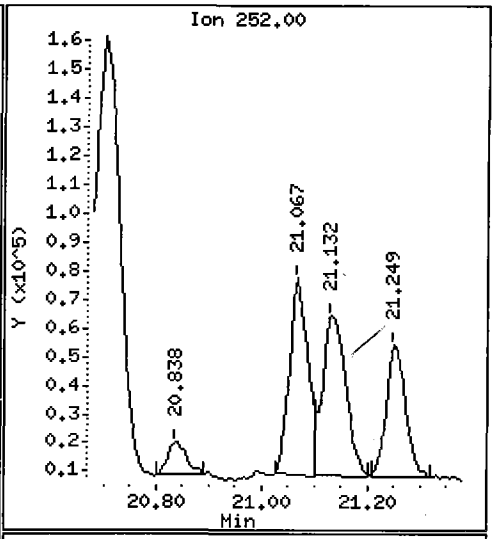
Column phase: ZB-5

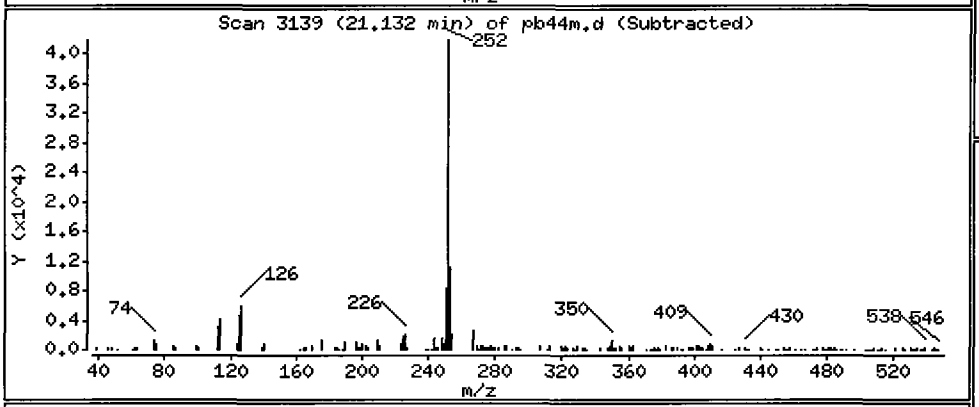
Column diameter: 0.32

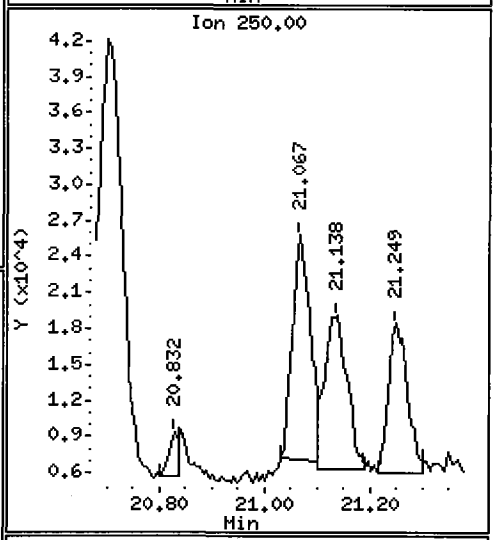
76 Benzo(a)pyrene

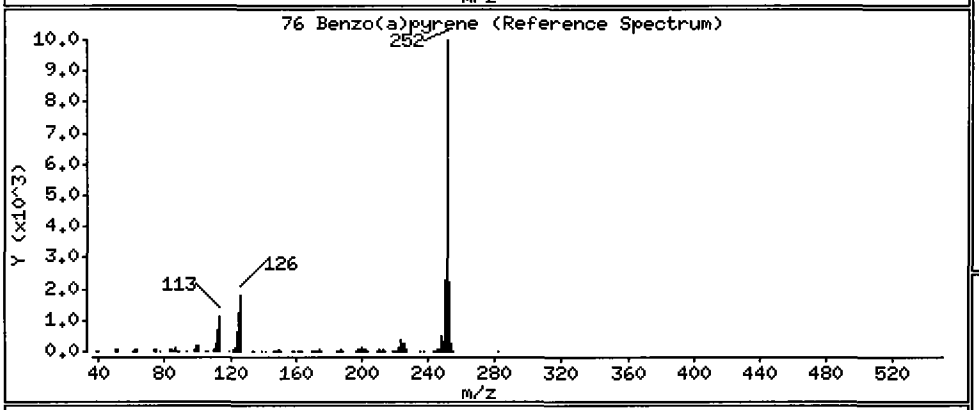
Concentration: 93.48 ug/kg

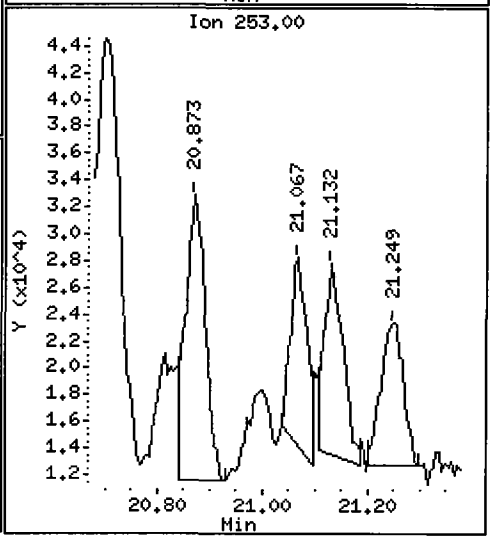


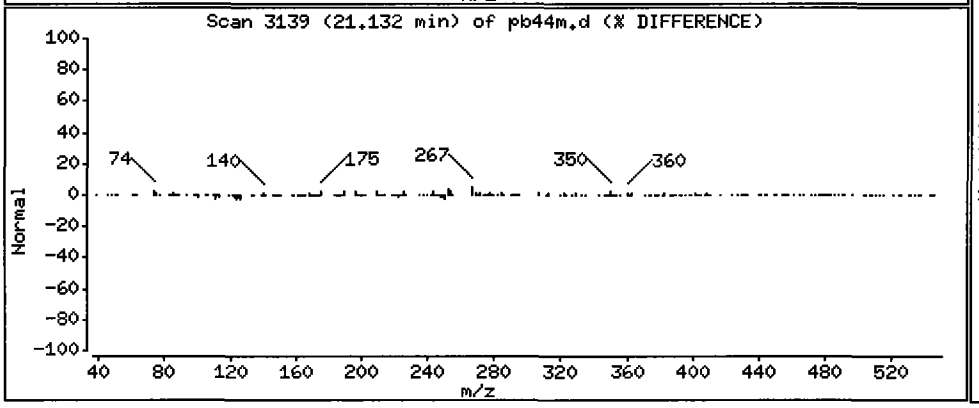












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

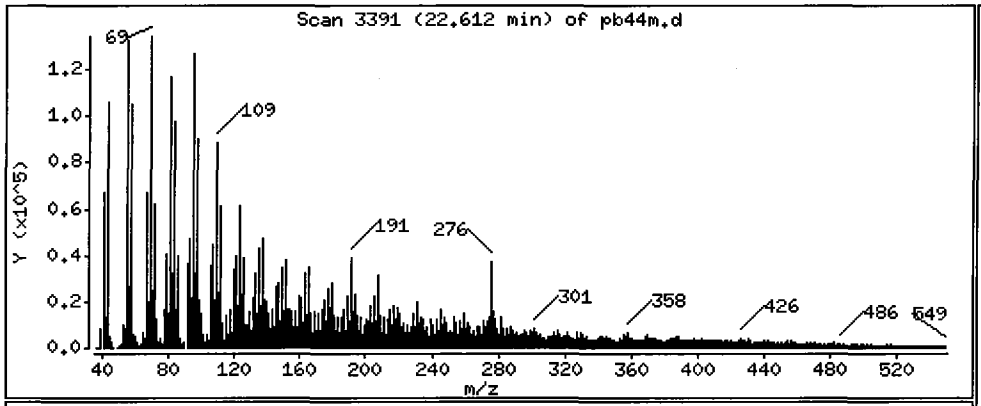
Operator: LJR/VTS

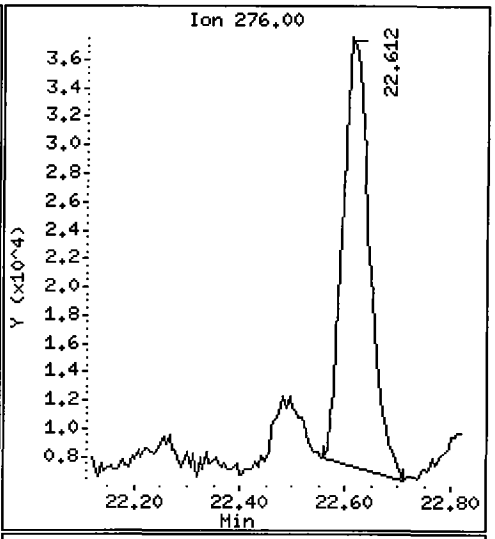
Column phase: ZB-5

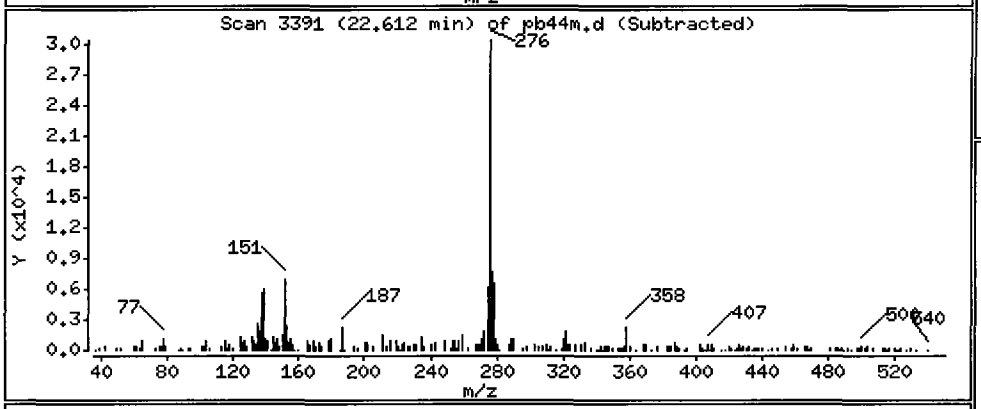
Column diameter: 0.32

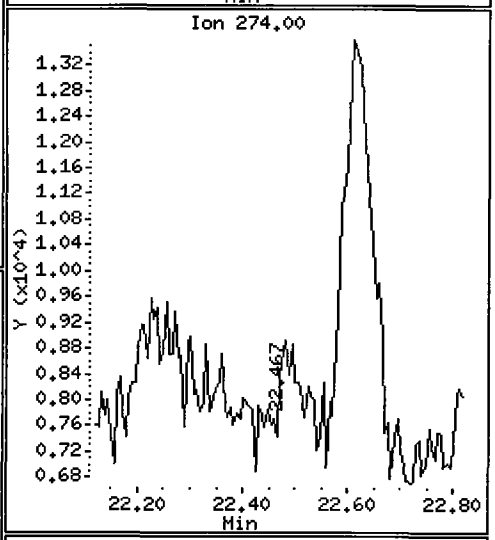
78 Indeno(1,2,3-cd)pyrene

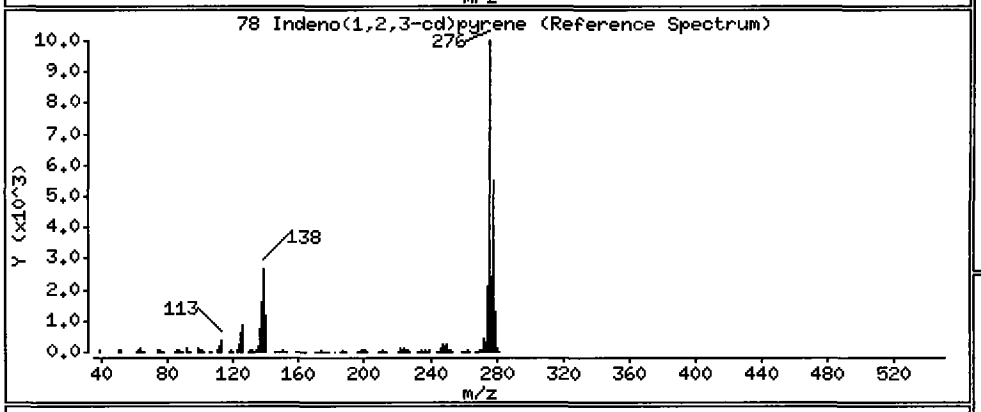
Concentration: 45.58 ug/kg

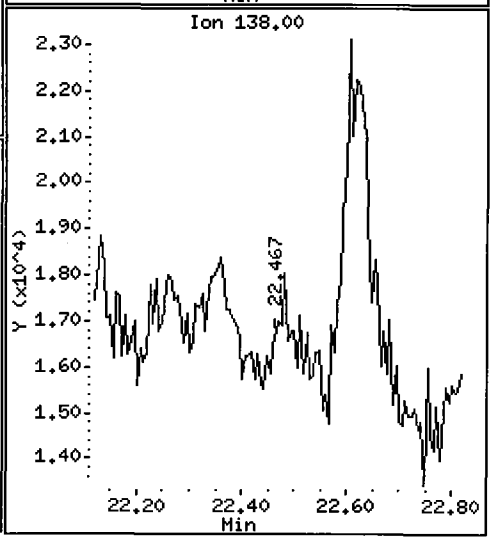


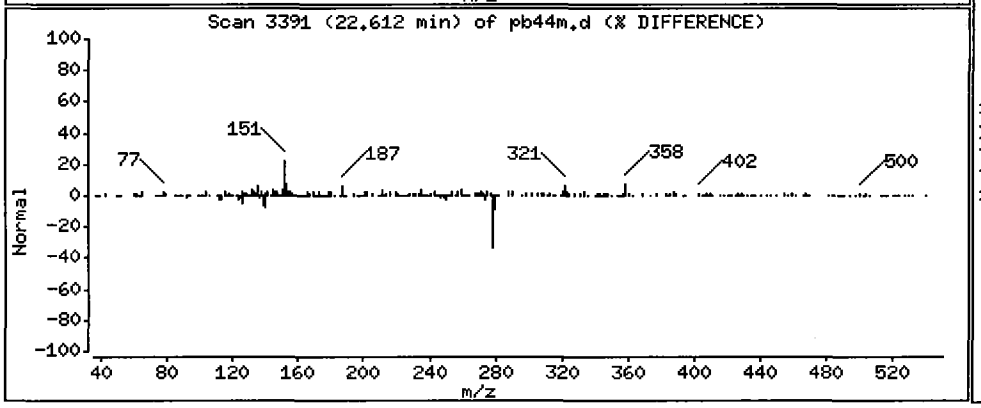












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

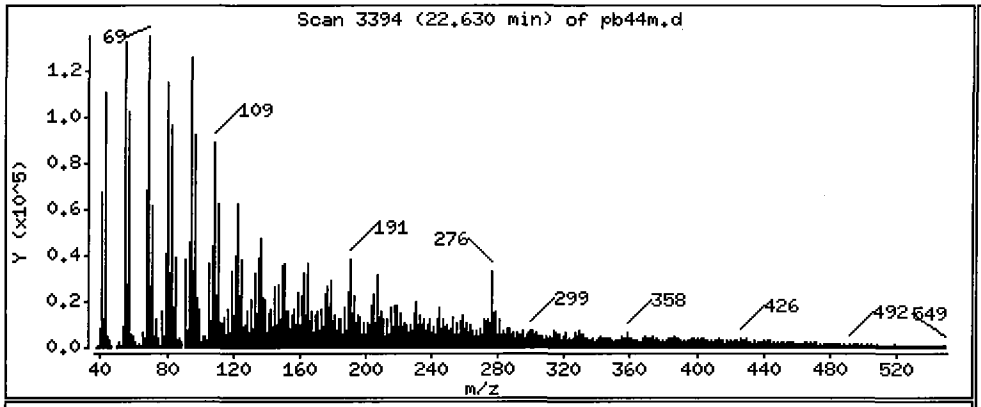
Operator: LJR/VTS

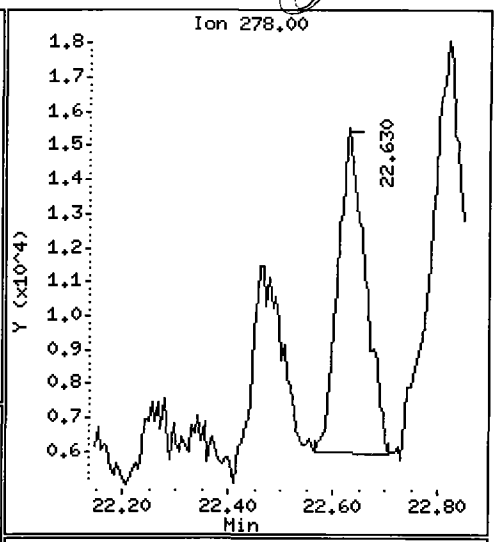
Column phase: ZB-5

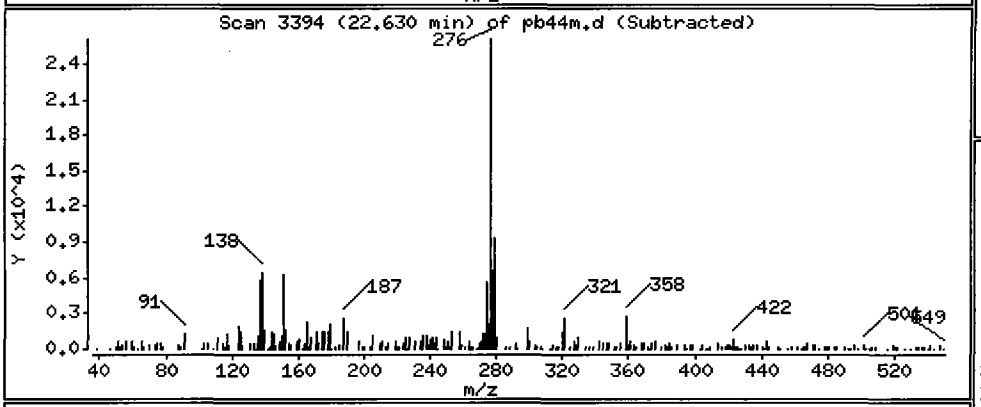
Column diameter: 0.32

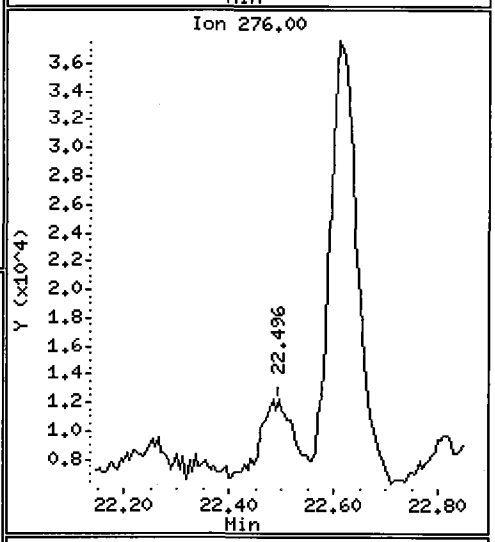
79 Dibenzo(a,h)anthracene

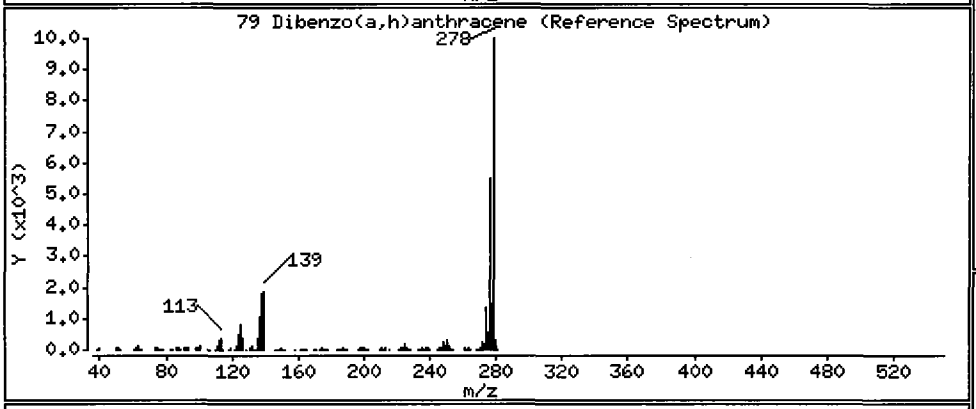
Concentration: 17.99 ug/kg

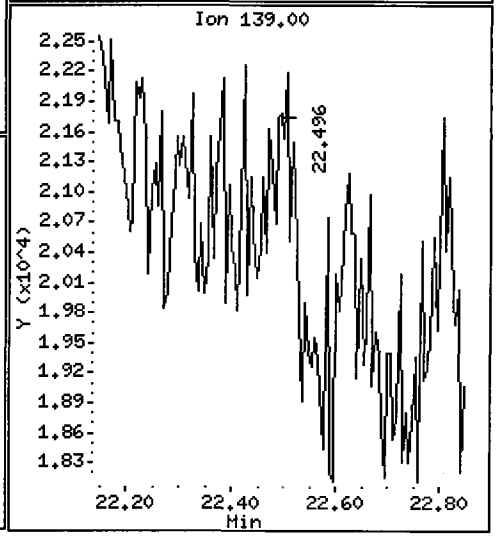


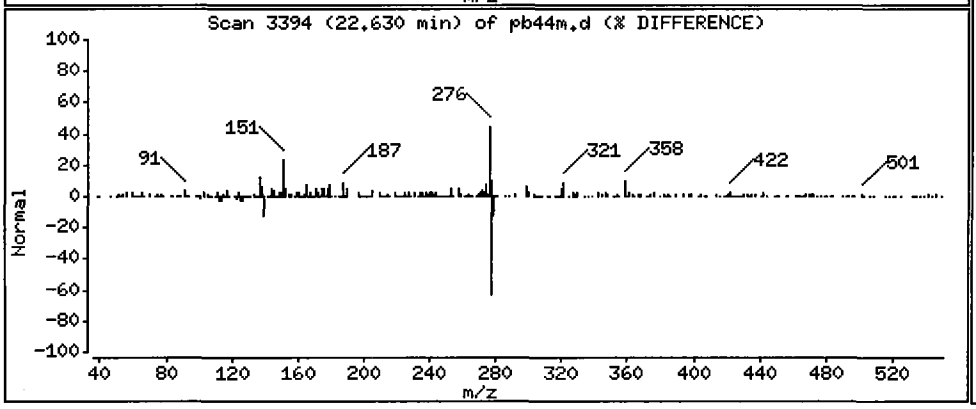












Data File: /chem3/nt4.i/20090616.b/pb44m.d

Date : 16-JUN-2009 22:53

Client ID: 3SED9-A

Instrument: nt4.i

Sample Info: PB44M

Volume Injected (uL): 1.0

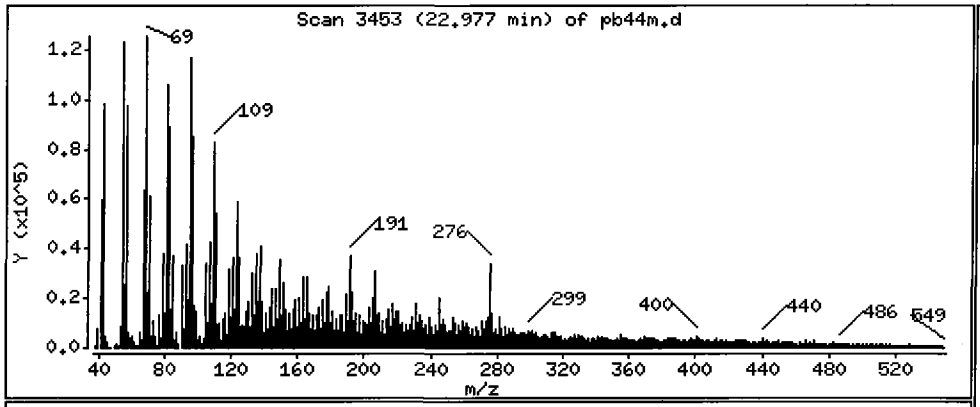
Operator: LJR/VTS

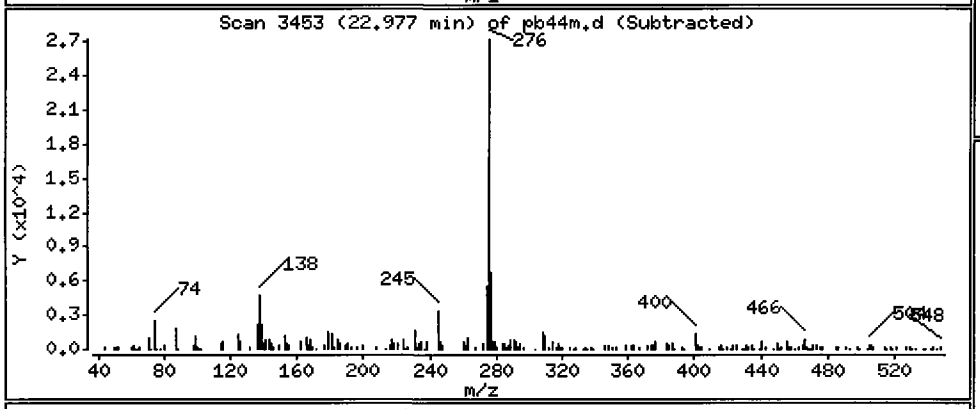
Column phase: ZB-5

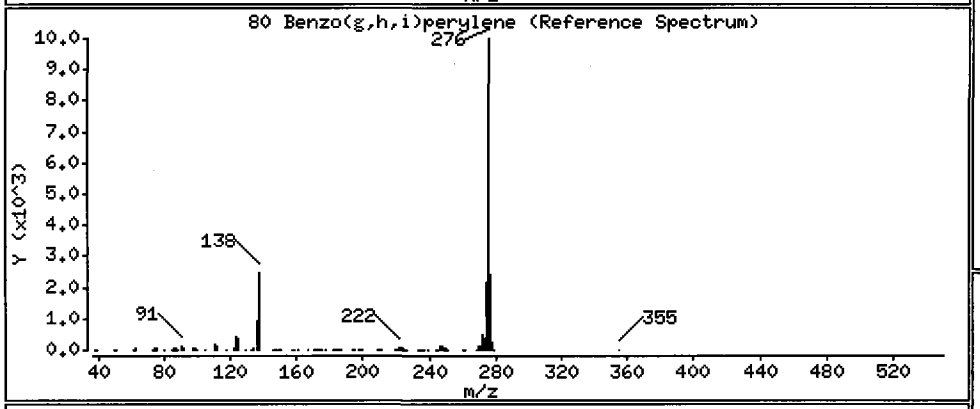
Column diameter: 0.32

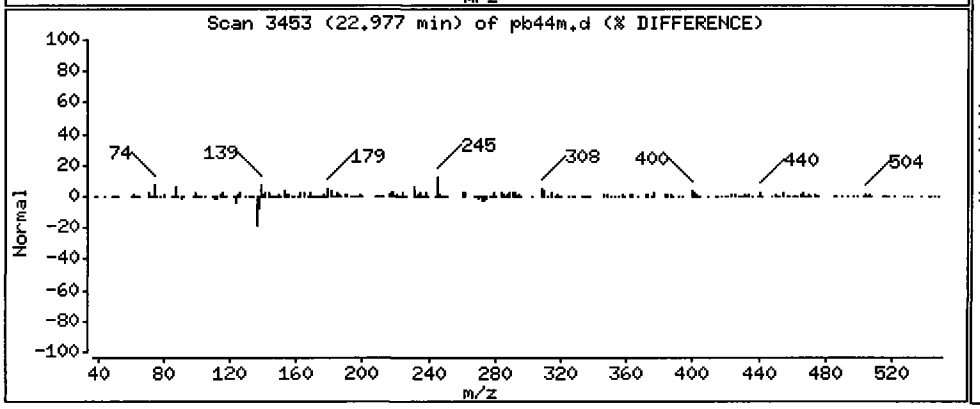
80 Benzo(g,h,i)perylene

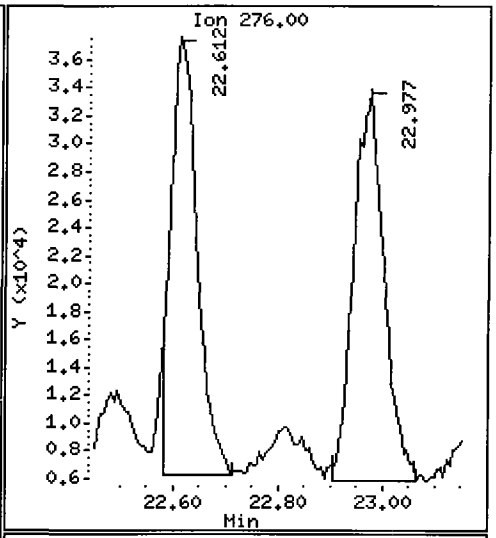
Concentration: 52.76 ug/kg

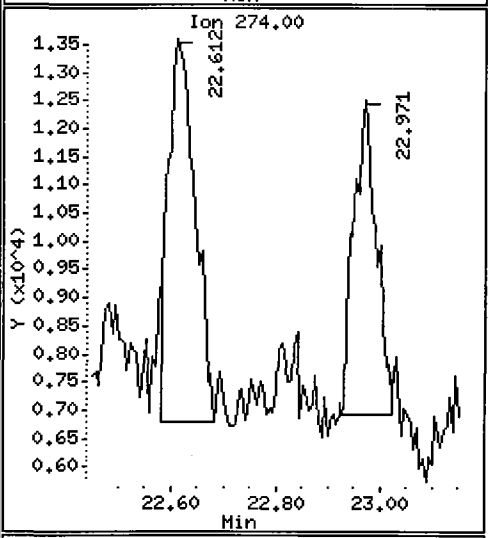


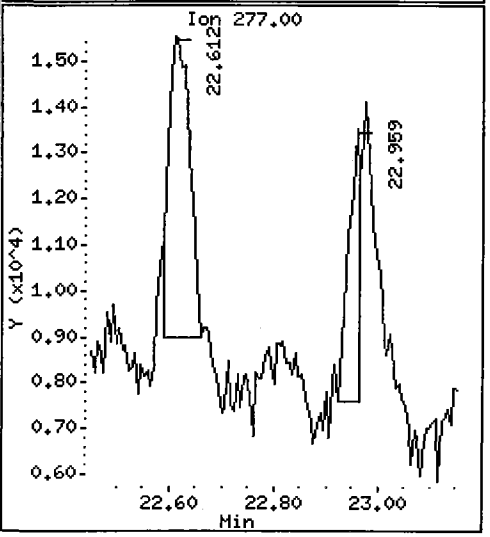












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED9-B
SAMPLE

Lab Sample ID: PB44N
LIMS ID: 09-12800
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 23:28
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 3.00
Percent Moisture: 48.2%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	59	< 59 U
541-73-1	1,3-Dichlorobenzene	59	< 59 U
106-46-7	1,4-Dichlorobenzene	59	< 59 U
100-51-6	Benzyl Alcohol	59	< 59 U
95-50-1	1,2-Dichlorobenzene	59	< 59 U
95-48-7	2-Methylphenol	59	< 59 U
106-44-5	4-Methylphenol	59	< 59 U
67-72-1	Hexachloroethane	59	< 59 U
105-67-9	2,4-Dimethylphenol	59	< 59 U
65-85-0	Benzoic Acid	590	< 590 U
120-82-1	1,2,4-Trichlorobenzene	59	< 59 U
91-20-3	Naphthalene	59	< 59 U
87-68-3	Hexachlorobutadiene	59	< 59 U
91-57-6	2-Methylnaphthalene	59	< 59 U
131-11-3	Dimethylphthalate	59	< 59 U
208-96-8	Acenaphthylene	59	< 59 U
83-32-9	Acenaphthene	59	< 59 U
132-64-9	Dibenzofuran	59	< 59 U
84-66-2	Diethylphthalate	59	< 59 U
86-73-7	Fluorene	59	< 59 U
86-30-6	N-Nitrosodiphenylamine	59	< 59 U
118-74-1	Hexachlorobenzene	59	< 59 U
87-86-5	Pentachlorophenol	300	< 300 U
85-01-8	**Phenanthrene**	**59**	**140**
120-12-7	**Anthracene**	**59**	**61**
84-74-2	Di-n-Butylphthalate	59	< 59 U
206-44-0	**Fluoranthene**	**59**	**700**
129-00-0	**Pyrene**	**59**	**470**
85-68-7	**Butylbenzylphthalate**	**59**	**51 J**
56-55-3	**Benzo(a)anthracene**	**59**	**260**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**59**	**120**
218-01-9	**Chrysene**	**59**	**390**
117-84-0	Di-n-Octyl phthalate	59	< 59 U
205-99-2	**Benzo(b)fluoranthene**	**59**	**190**
207-08-9	**Benzo(k)fluoranthene**	**59**	**190**
50-32-8	**Benzo(a)pyrene**	**59**	**130**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**59**	**58 J**
53-70-3	Dibenz(a,h)anthracene	59	< 59 U
191-24-2	**Benzo(g,h,i)perylene**	**59**	**67**
90-12-0	1-Methylnaphthalene	59	< 59 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.2%	2-Fluorobiphenyl	64.9%
d14-p-Terphenyl	66.1%	d4-1,2-Dichlorobenzene	47.8%
d5-Phenol	61.0%	2-Fluorophenol	57.1%
2,4,6-Tribromophenol	90.4%	d4-2-Chlorophenol	59.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44n.d
Lab Smp Id: PB44N Client Smp ID: 3SED9-B
Inj Date : 16-JUN-2009 23:28
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44N,3
Misc Info : 09-12800
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 19
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	49.10000	Weight of sample extracted (g)
M	48.20000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$ 1 2-Fluorophenol	112	5.540	5.475	(0.740)	96043	7.14257	421.2
$ 2 Phenol-d5	99	7.173	7.091	(0.958)	139766	7.63319	450.2
3 Phenol	94	Compound Not Detected.					
$ 5 2-Chlorophenol-d4	132	7.214	7.167	(0.963)	84321	7.45642	439.8
4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6 2-Chlorophenol	128	Compound Not Detected.					
7 1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8 1,4-Dichlorobenzene-d4	152	7.491	7.461	(1.000)	175499	20.0000	
9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10 1,2-Dichlorobenzene-d4	152	7.778	7.761	(1.038)	32840	3.97763	234.6
12 1,2-Dichlorobenzene	146	Compound Not Detected.					
11 Benzyl alcohol	108	Compound Not Detected.					
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13 2-Methylphenol	108	Compound Not Detected.					
17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	8.419	8.401	(0.883)	87813	5.09603	300.5
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	Compound Not Detected.					
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.529	9.506	(1.000)	607246	20.0000	
28	Naphthalene	128	Compound Not Detected.					
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	Compound Not Detected.					
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.327	11.309	(0.915)	152668	5.40970	319.0
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	12.373	12.344	(1.000)	372315	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	Compound Not Detected.					
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	Compound Not Detected.					
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.666	13.636	(1.104)	38705	11.2528	663.7
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.729	14.694	(1.000)	617810	20.0000	
60	Phenanthrene	178	14.764	14.735	(1.002)	93188	2.36343	139.4
61	Anthracene	178	14.835	14.805	(1.007)	41096	1.02678	60.56
62	Carbazole	167	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63 Di-n-butylphthalate	149	Compound Not Detected.					
64 Fluoranthene	202	16.697	16.650	(1.134)	463412	11.8523	699.0
65 Pyrene	202	17.044	16.997	(0.896)	398844	8.03416	473.8
$ 66 Terphenyl-d14	244	17.379	17.338	(0.913)	163265	5.51068	325.0
67 Butylbenzylphthalate	149	18.254	18.242	(0.959)	19869	0.86042 LDL	50.74
68 Benzo(a)anthracene	228	19.001	18.948	(0.998)	175191	4.40156	259.6
* 69 Chrysene-d12	240	19.030	18.977	(1.000)	576606	20.0000	
70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71 Chrysene	228	19.065	19.018	(1.002)	259057	6.65567	392.5
72 bis(2-Ethylhexyl)phthalate	149	19.288	19.247	(0.954)	62558	2.04923	120.9
* 134 Di-n-octylphthalate-d4	153	20.223	20.181	(1.000)	943907	20.0000	
73 Di-n-octylphthalate	149	Compound Not Detected.					
74 Benzo(b)fluoranthene	252	20.669	20.593	(0.976)	275862	6.46460 > T	~~381.3~~ 3.178
75 Benzo(k)fluoranthene	252	20.669	20.628	(0.976)	275862	6.24697	~~368.4~~ 3.178
76 Benzo(a)pyrene	252	21.098	21.027	(0.996)	84225	2.20812	130.2(H)
* 77 Perylene-d12	264	21.186	21.110	(1.000)	610700	20.0000	
78 Indeno(1,2,3-cd)pyrene	276	22.567	22.467	(1.065)	46829	0.97767 LDL	57.66
79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80 Benzo(g,h,i)perylene	276	22.908	22.802	(1.081)	48991	1.13185	66.75
90 N-Nitrosodimethylamine	74	Compound Not Detected.					
91 Aniline	93	Compound Not Detected.					
93 Benzidine	184	Compound Not Detected.					
103 Pyridine	79	Compound Not Detected.					
105 1-methylnaphthalene	141	Compound Not Detected.					
111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44n.d
Lab Smp Id: PB44N
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12800

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED9-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	175499	-2.84
27 Naphthalene-d8	633172	316586	1266344	607246	-4.09
42 Acenaphthene-d10	336916	168458	673832	372315	10.51
59 Phenanthrene-d10	514258	257129	1028516	617810	20.14
69 Chrysene-d12	376875	188438	753750	576606	53.00
134 Di-n-octylphthala	640574	320287	1281148	943907	47.35
77 Perylene-d12	383864	191932	767728	610700	59.09

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.49	0.40
27 Naphthalene-d8	9.51	9.01	10.01	9.53	0.25
42 Acenaphthene-d10	12.34	11.84	12.84	12.37	0.24
59 Phenanthrene-d10	14.69	14.19	15.19	14.73	0.24
69 Chrysene-d12	18.98	18.48	19.48	19.03	0.28
134 Di-n-octylphthala	20.18	19.68	20.68	20.22	0.20
77 Perylene-d12	21.11	20.61	21.61	21.19	0.36

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44N
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12800

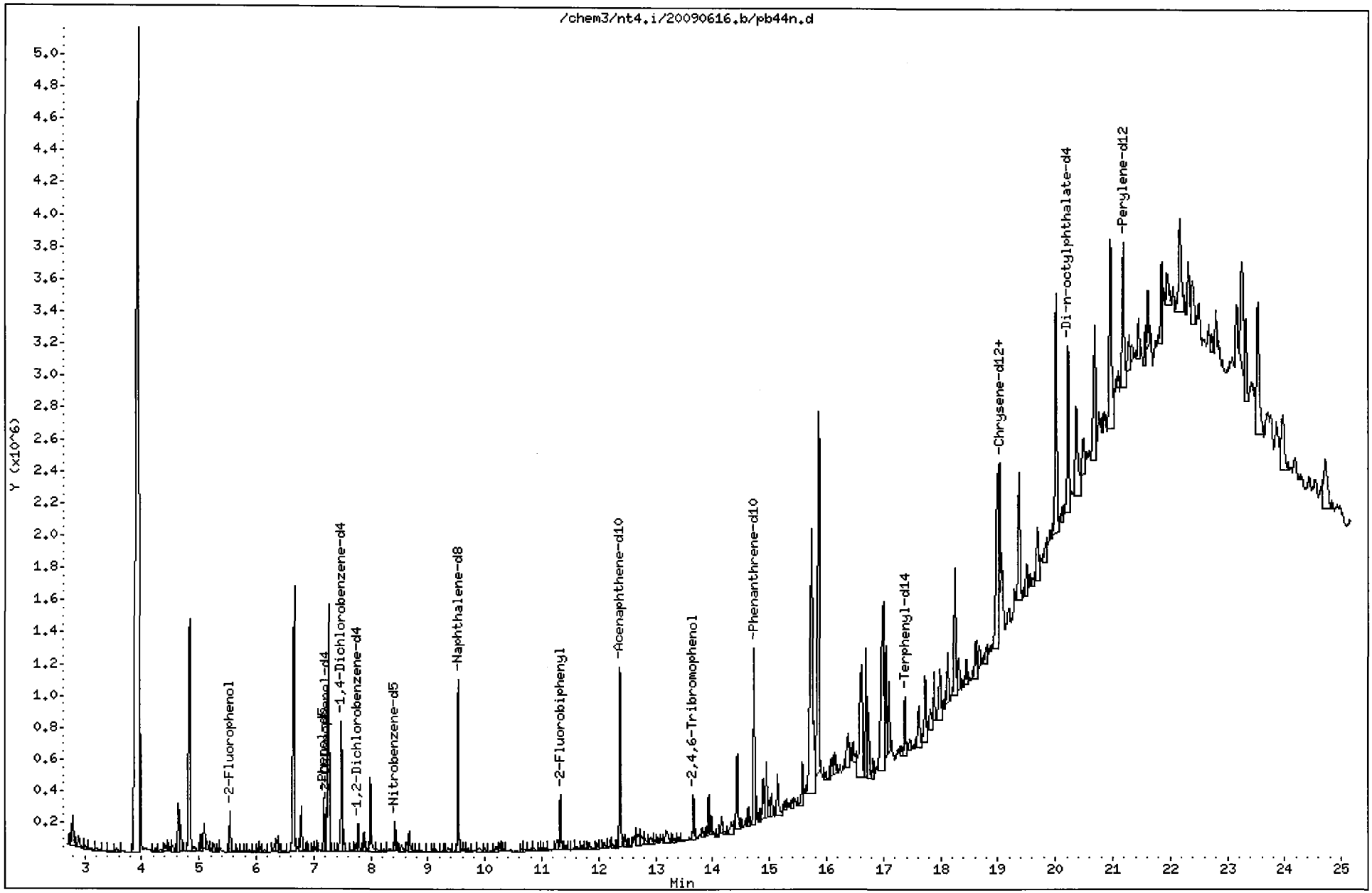
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED9-B
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	737.2	421.2	57.14	21-100
$ 2 Phenol-d5	737.2	450.2	61.07	10-100
$ 5 2-Chlorophenol-d4	737.2	439.8	59.65	30-100
$ 10 1,2-Dichlorobenzen	491.5	234.6	47.73	24-100
$ 18 Nitrobenzene-d5	491.5	300.5	61.15	26-100
$ 36 2-Fluorobiphenyl	491.5	319.0	64.92	32-100
$ 55 2,4,6-Tribromophen	737.2	663.7	90.02	33-118
$ 66 Terphenyl-d14	491.5	325.0	66.13	21-97

Data File: /chem3/nt4.i/20090616.b/pb44n.d
Date : 16-JUN-2009 23:28
Client ID: 3SED9-B
Sample Info: PB44N,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: LJR/VTS
Column diameter: 0.32

PB44N:003376



Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

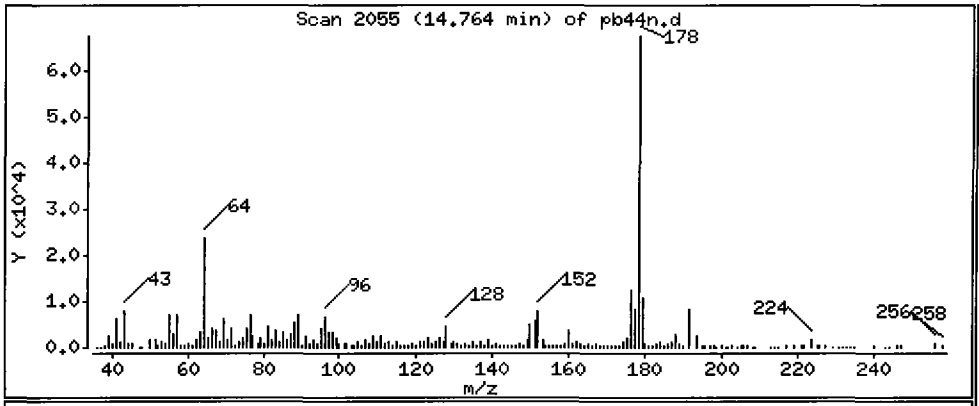
Operator: LJR/VTS

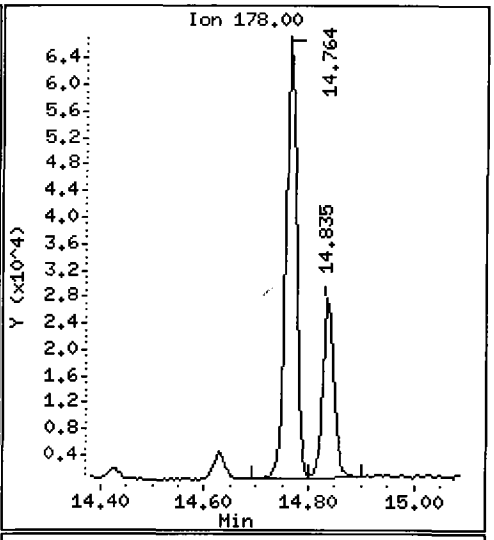
Column phase: ZB-5

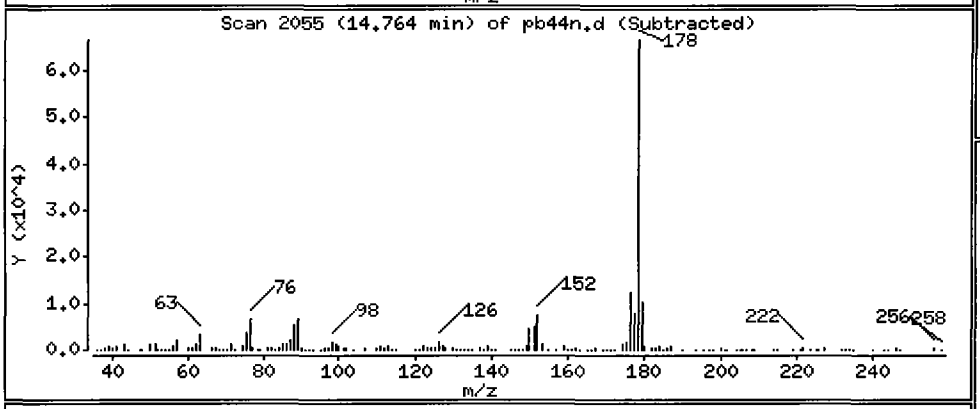
Column diameter: 0.32

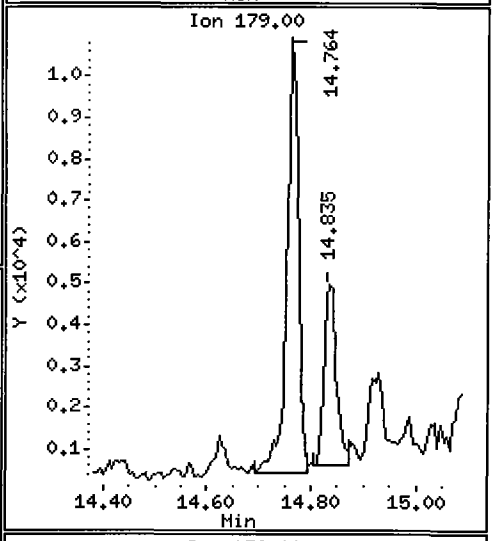
60 Phenanthrene

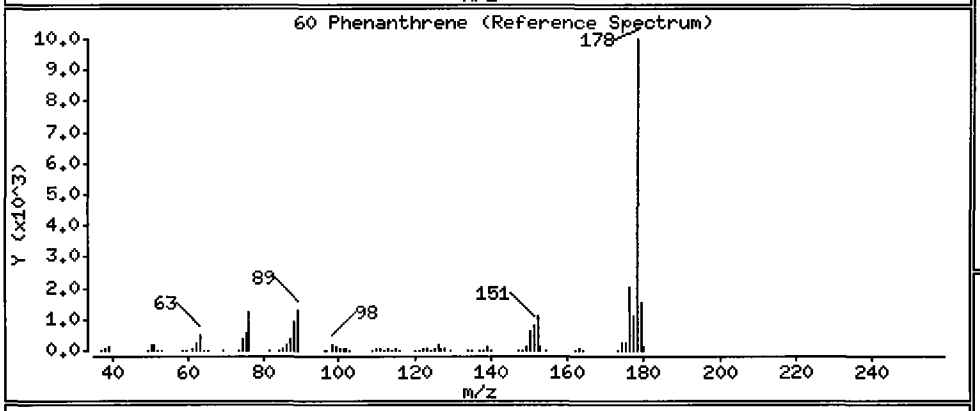
Concentration: 139.4 ug/kg

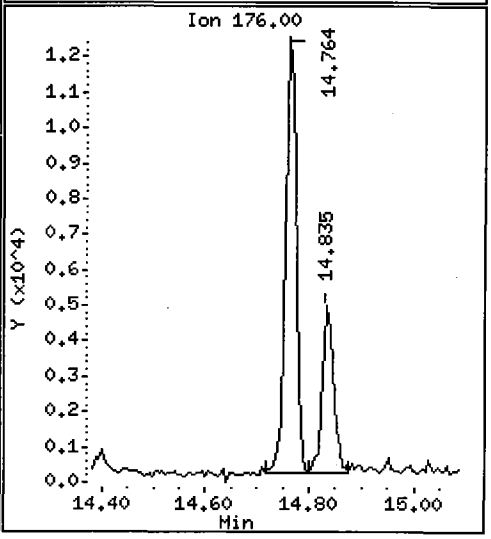


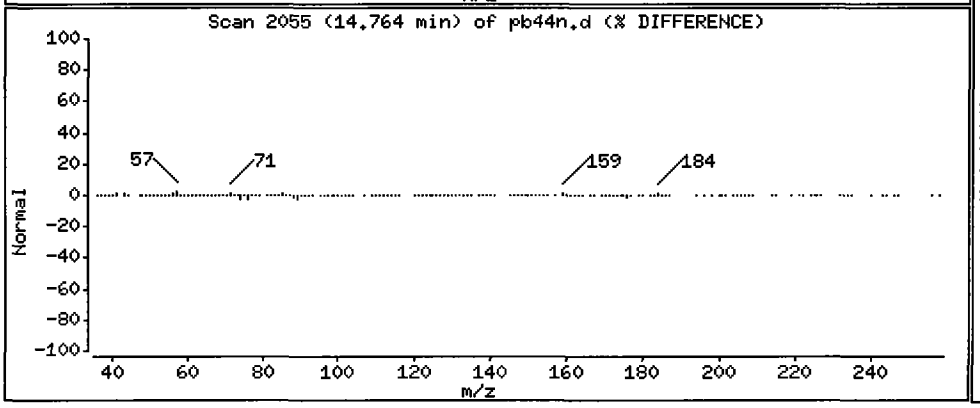












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

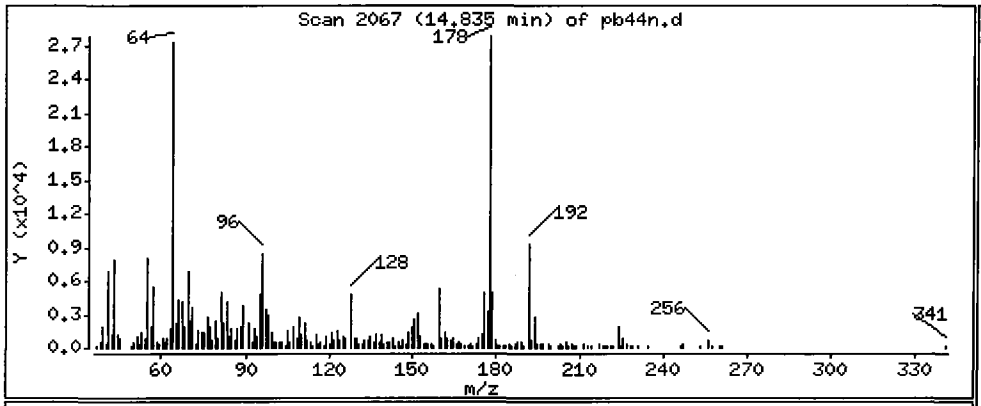
Operator: LJR/VTS

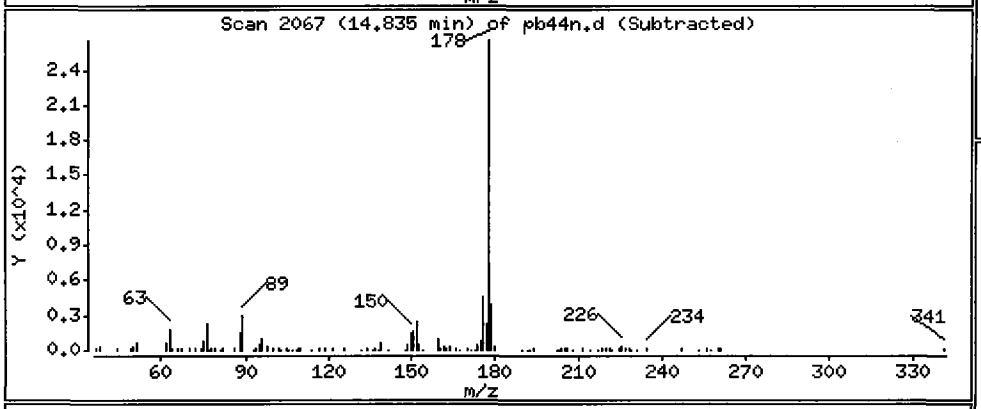
Column phase: ZB-5

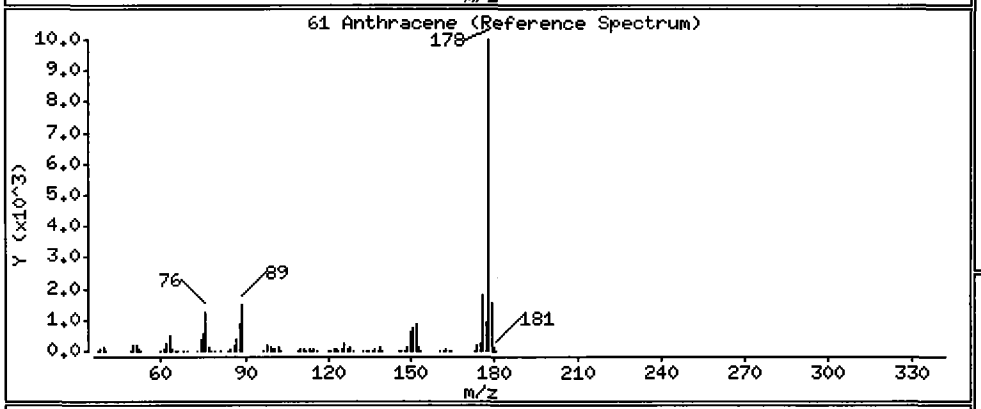
Column diameter: 0.32

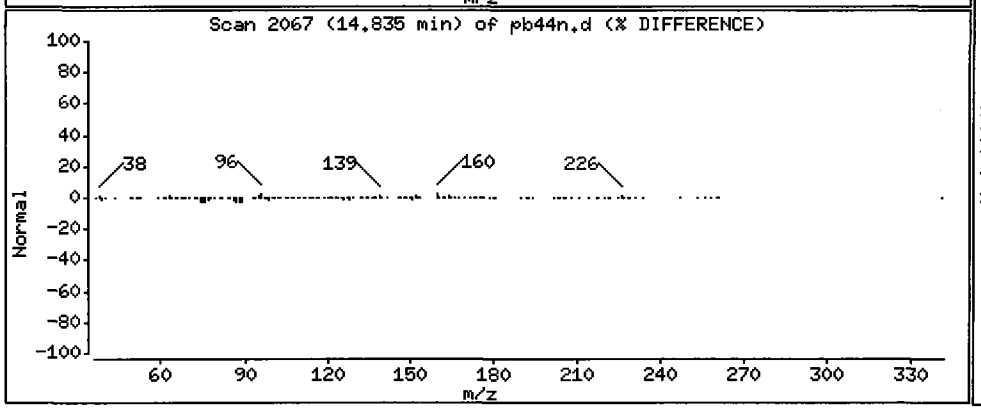
61 Anthracene

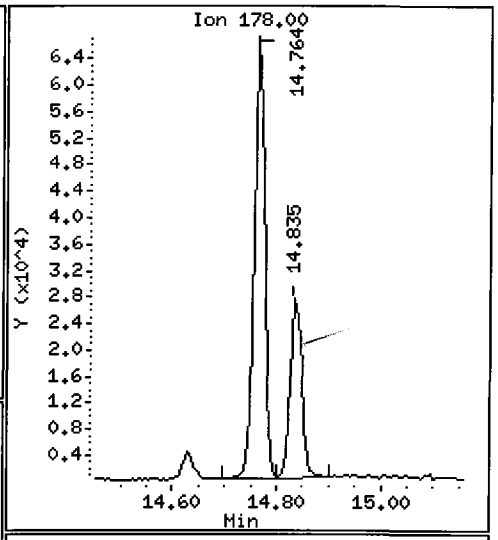
Concentration: 60.56 ug/kg

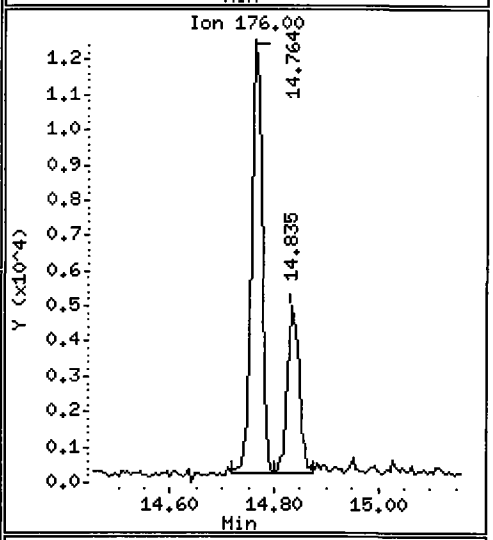


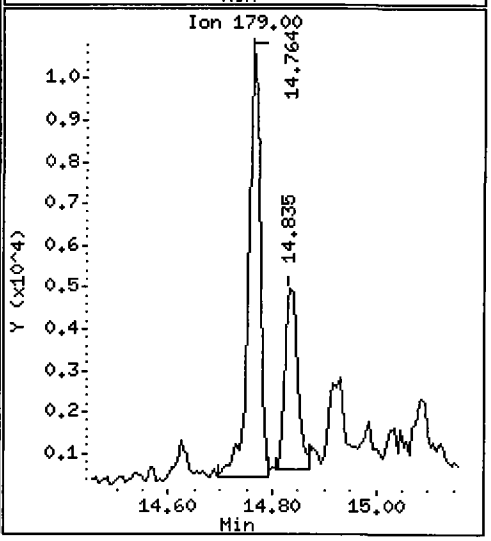












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

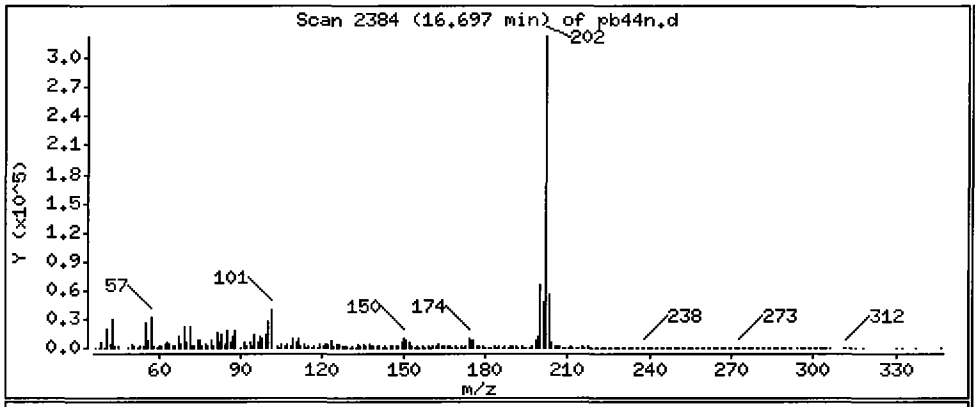
Operator: LJR/VTS

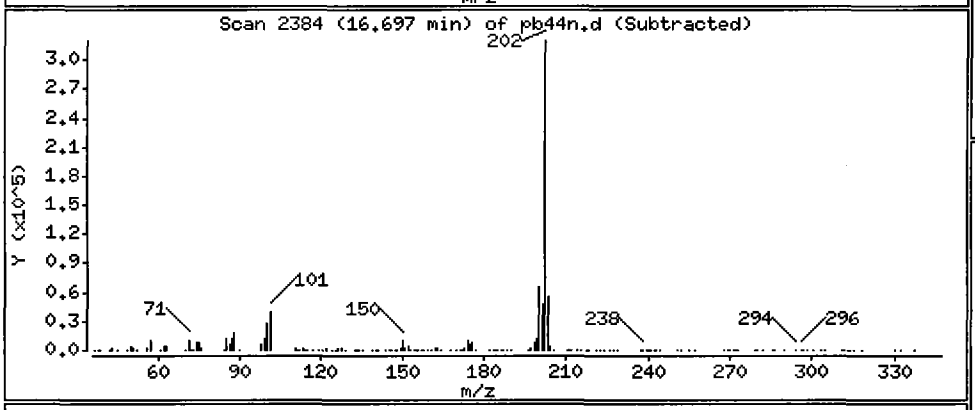
Column phase: ZB-5

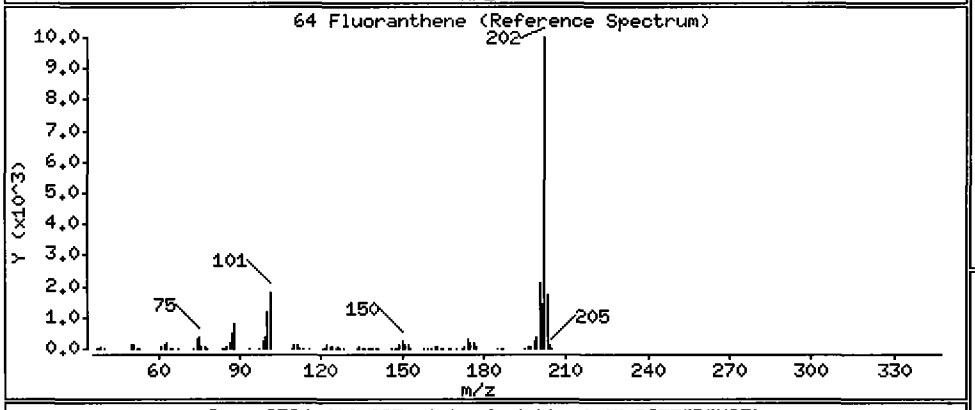
Column diameter: 0.32

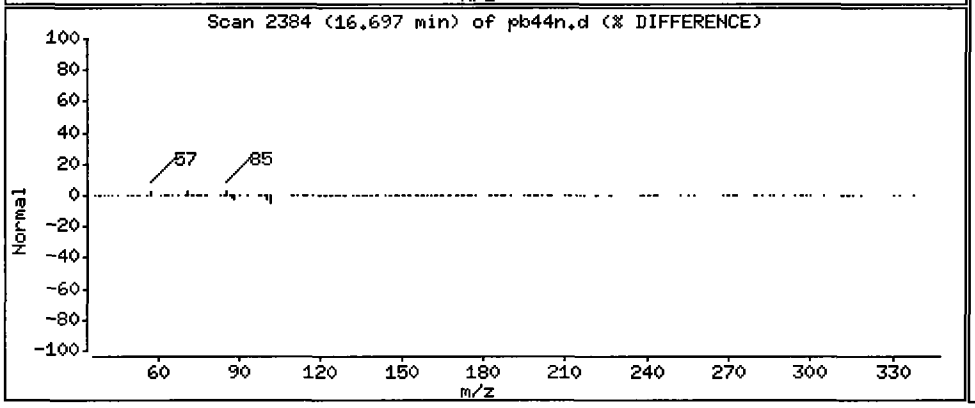
64 Fluoranthene

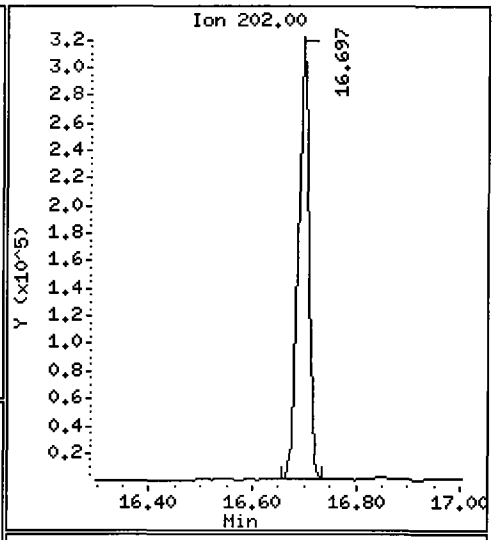
Concentration: 699.0 ug/kg

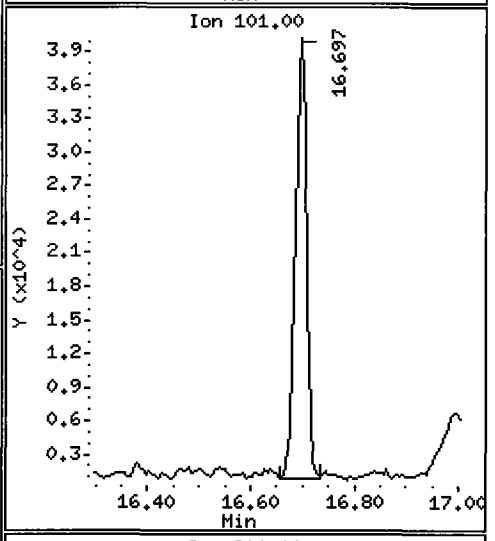


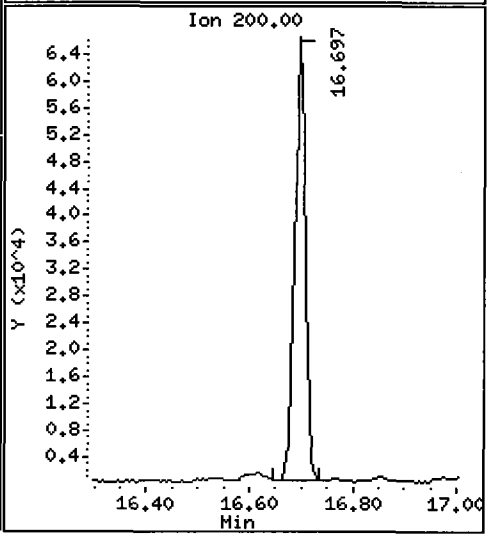












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

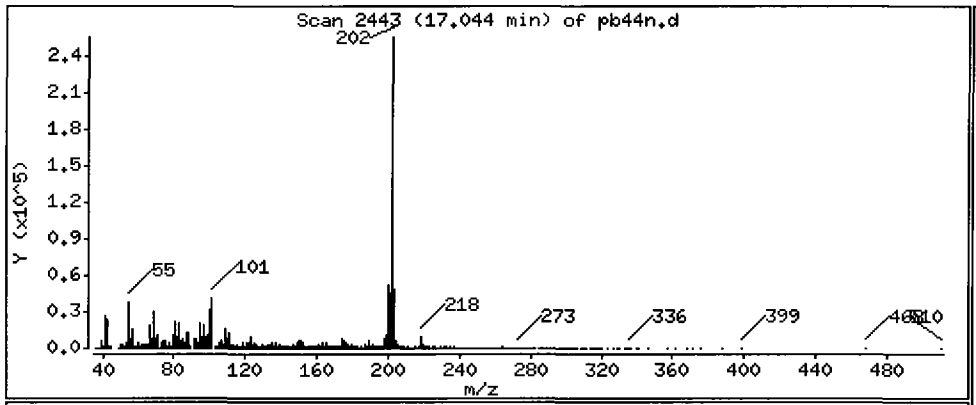
Operator: LJR/VTS

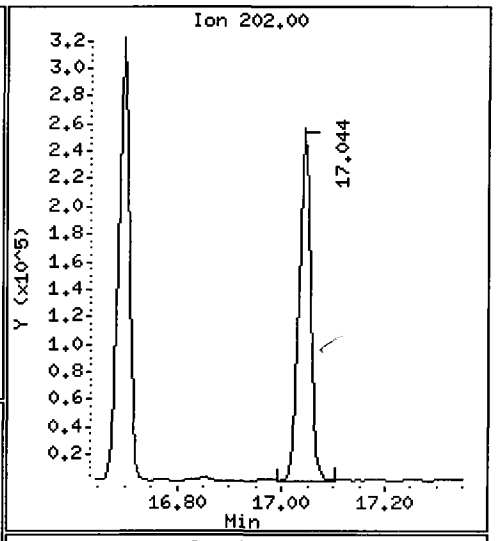
Column phase: ZB-5

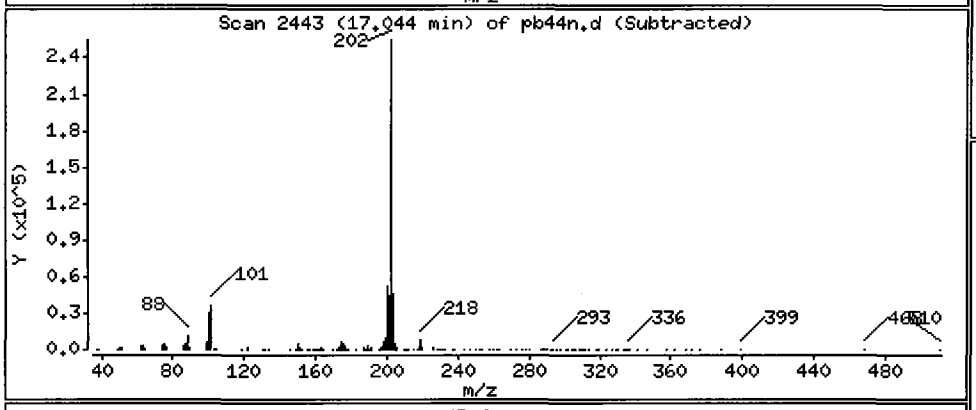
Column diameter: 0.32

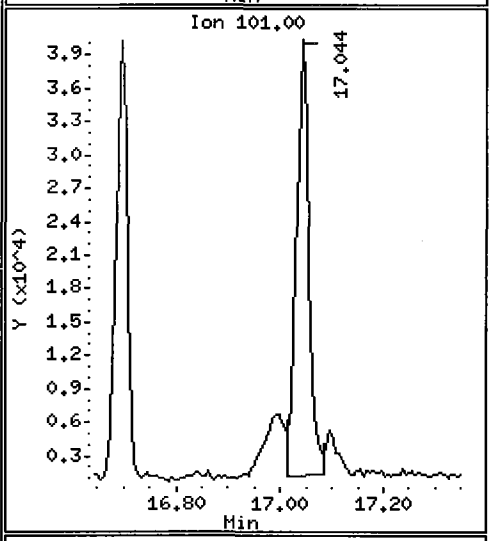
65 Pyrene

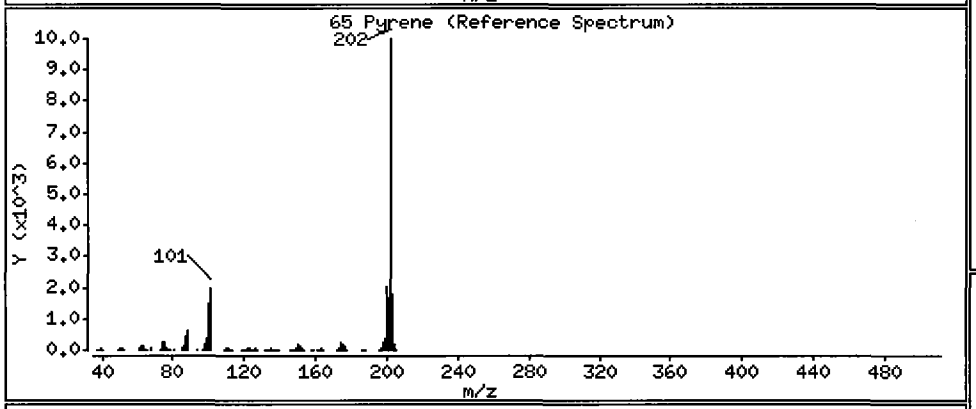
Concentration: 473.8 ug/kg

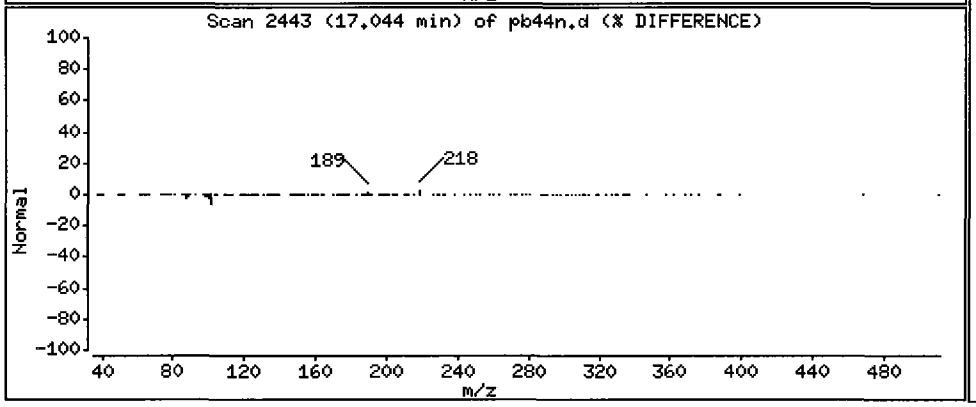


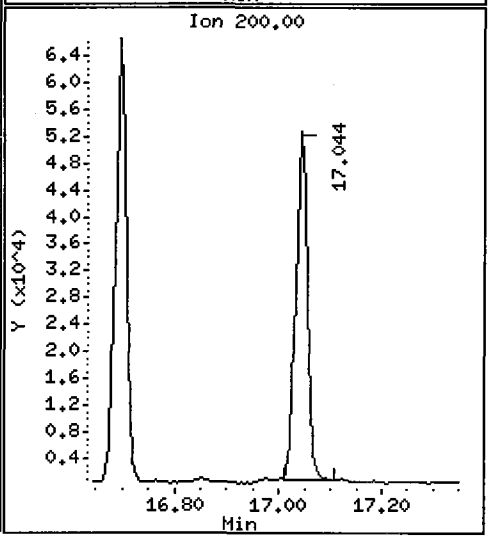












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

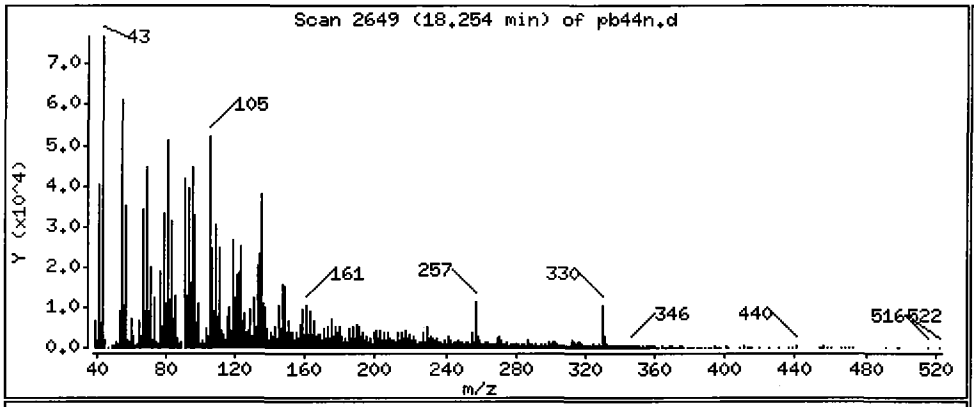
Operator: LJR/VTS

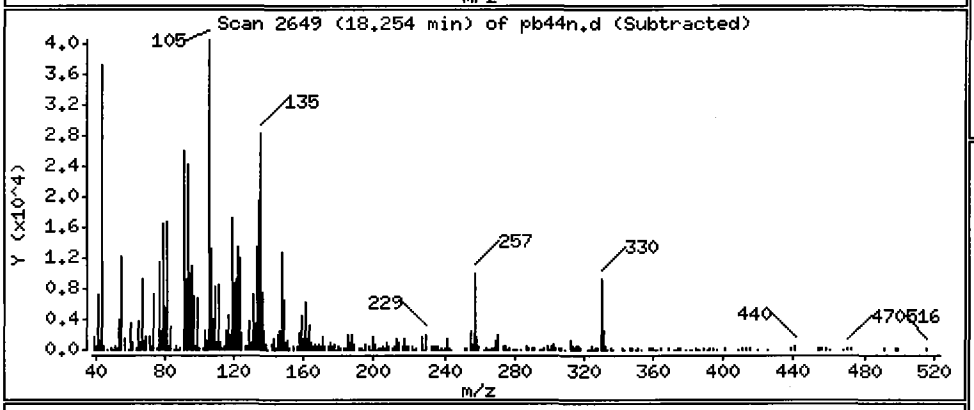
Column phase: ZB-5

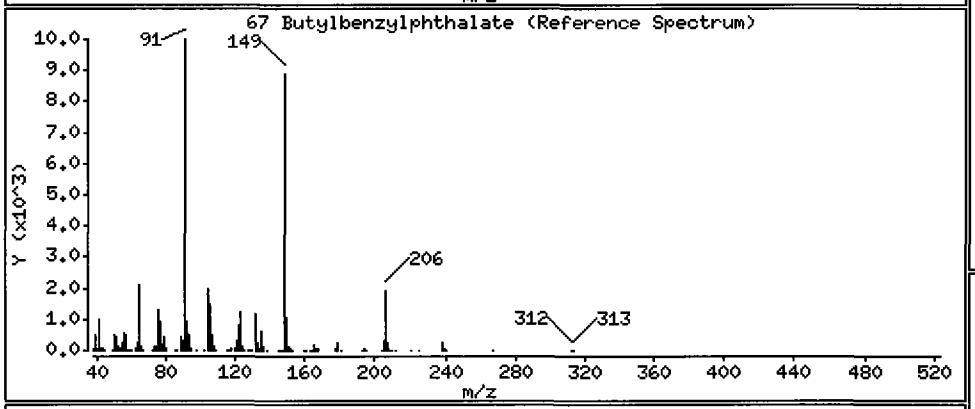
Column diameter: 0.32

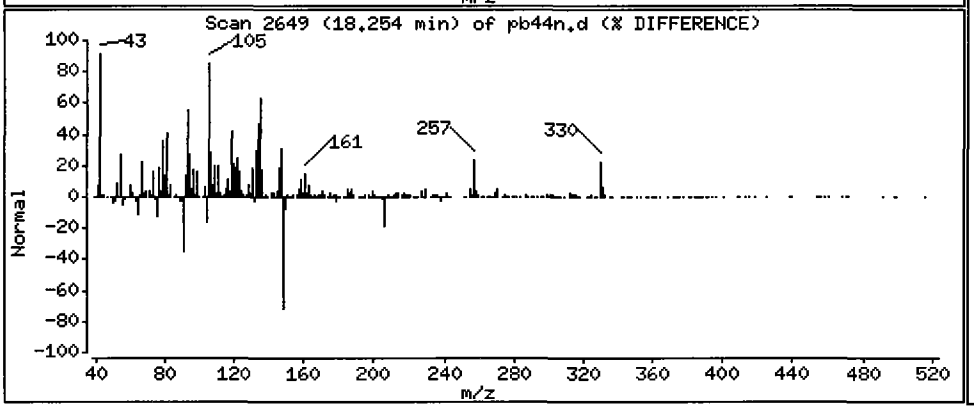
67 Butylbenzylphthalate

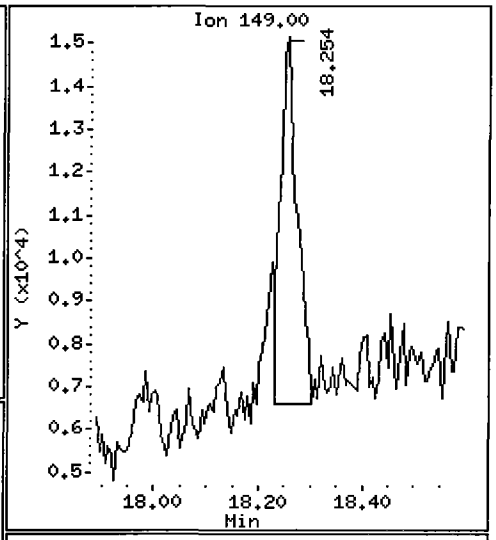
Concentration: 50.74 ug/kg

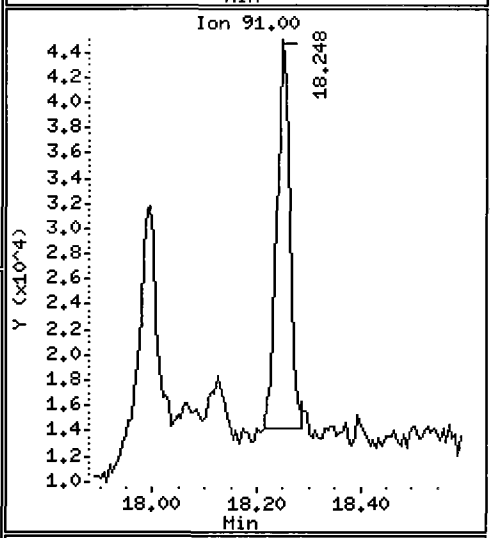


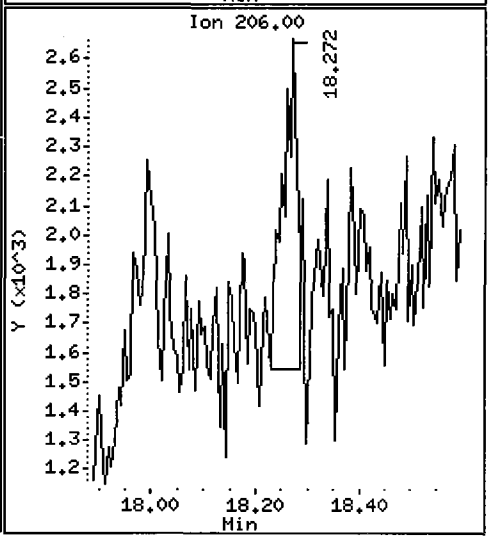












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

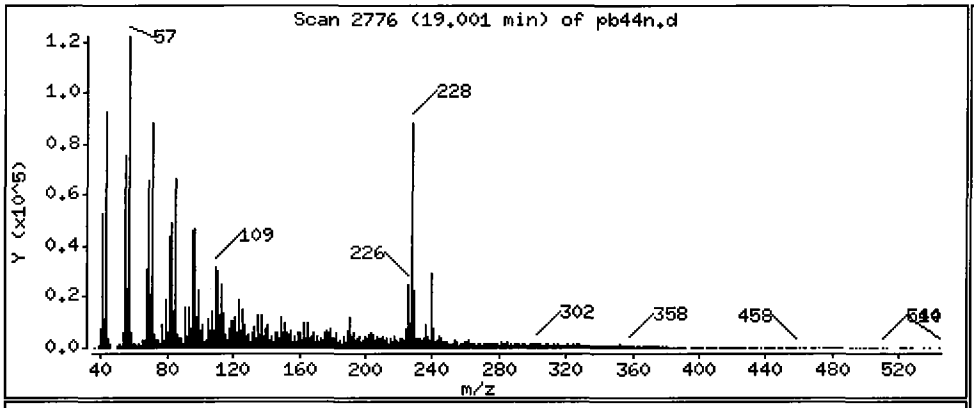
Operator: LJR/VTS

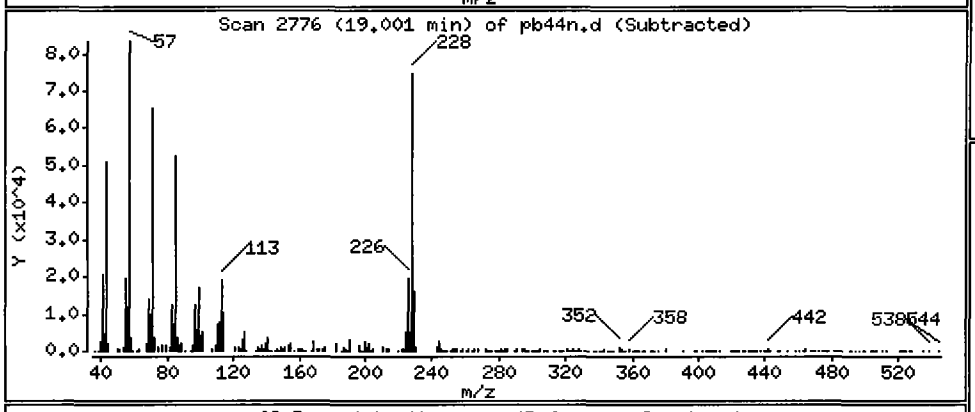
Column phase: ZB-5

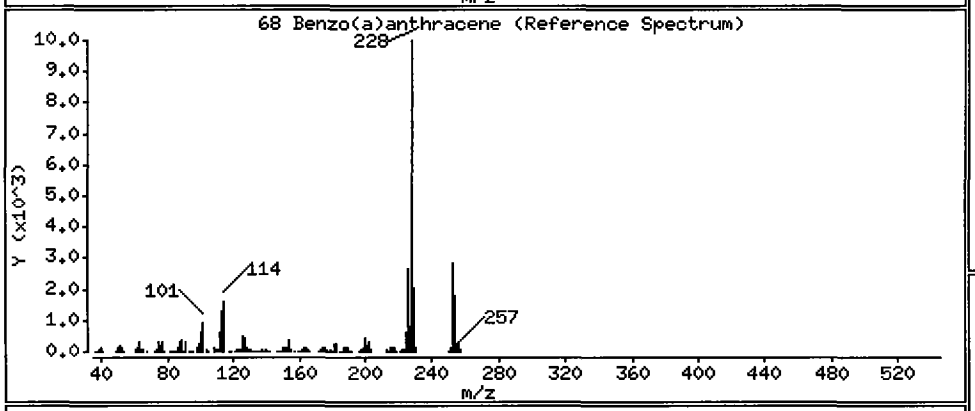
Column diameter: 0.32

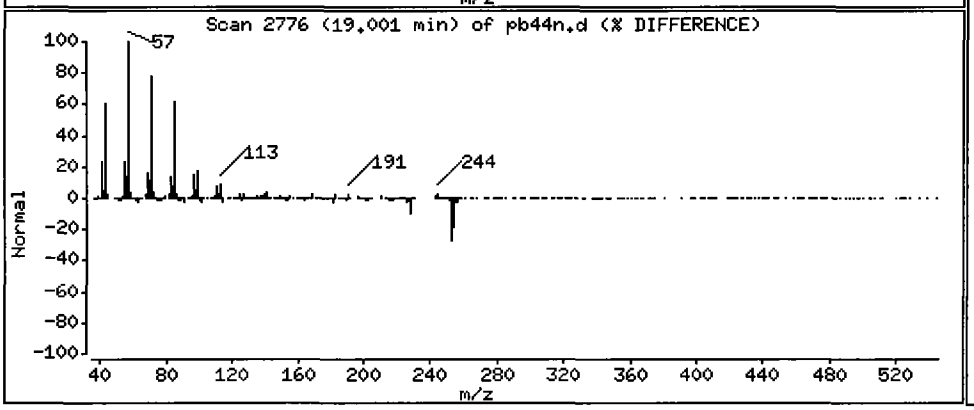
68 Benzo(a)anthracene

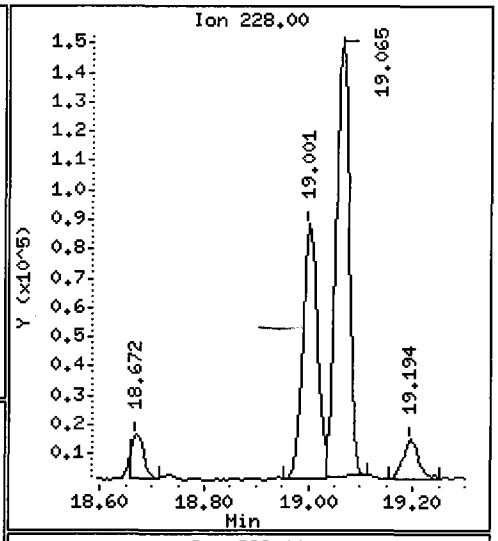
Concentration: 259.6 ug/kg

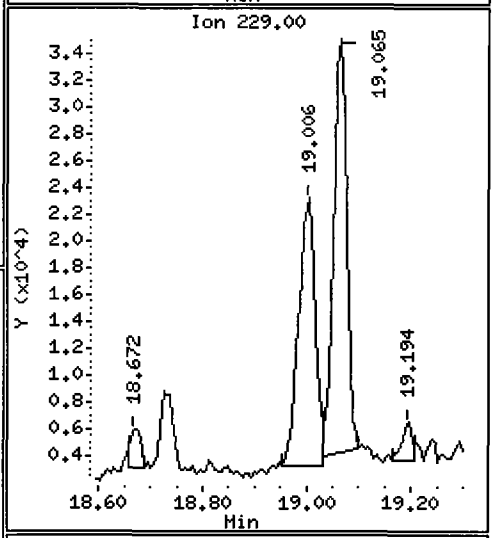


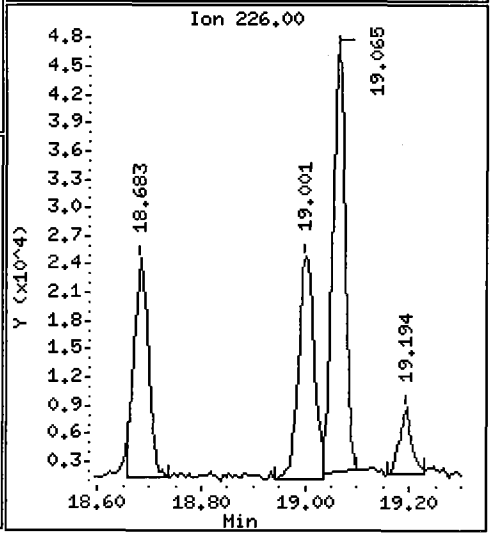












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

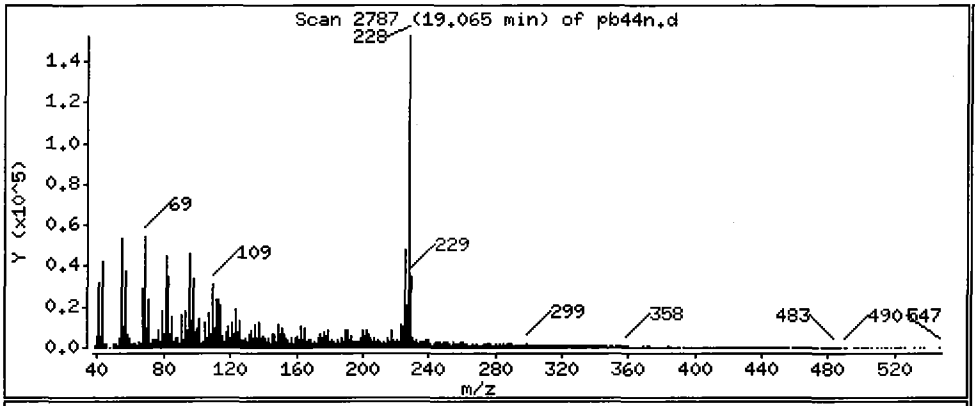
Operator: LJR/VTS

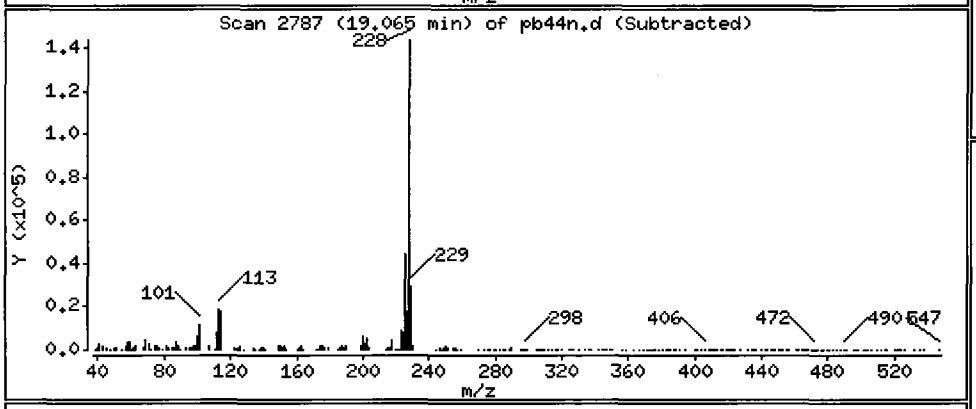
Column phase: ZB-5

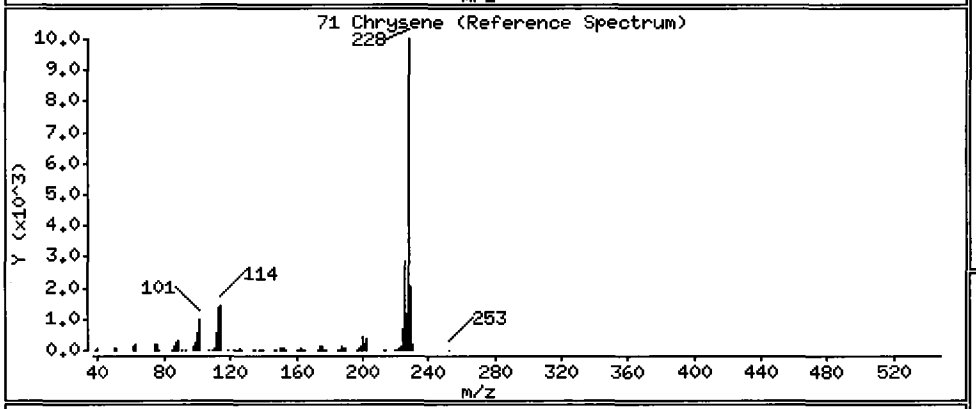
Column diameter: 0.32

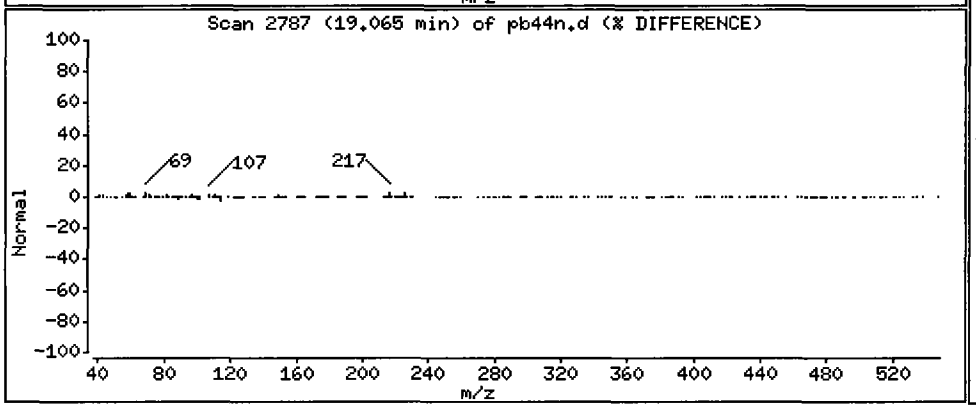
71 Chrysene

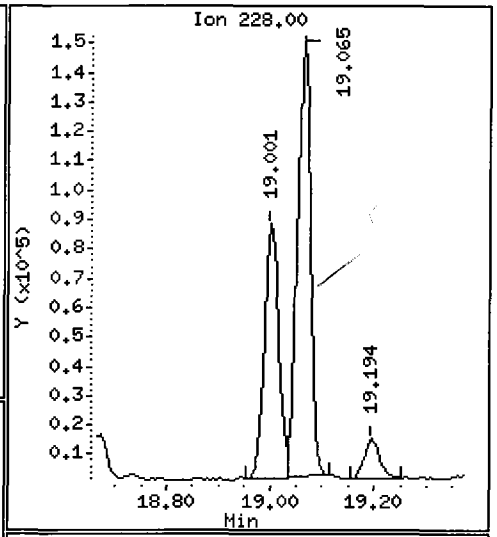
Concentration: 392.5 ug/kg

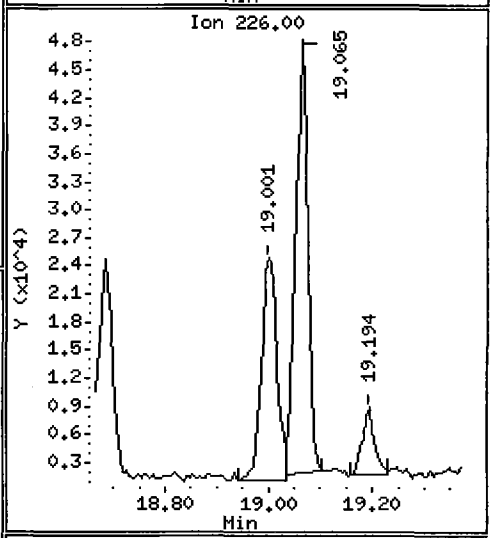


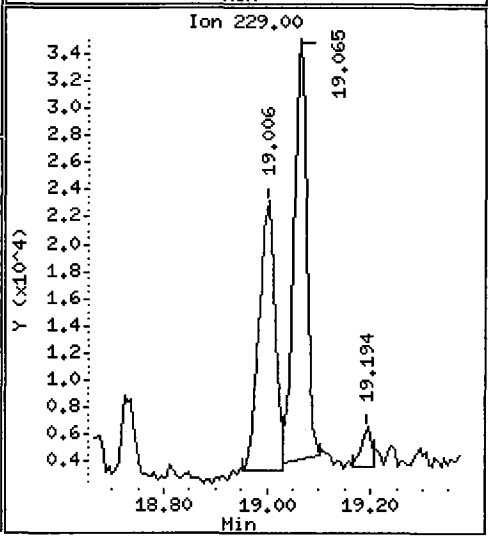












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

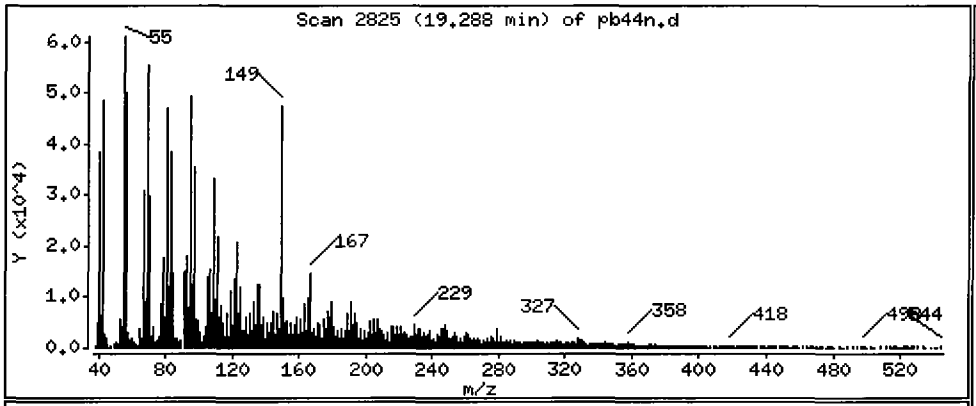
Operator: LJR/VTS

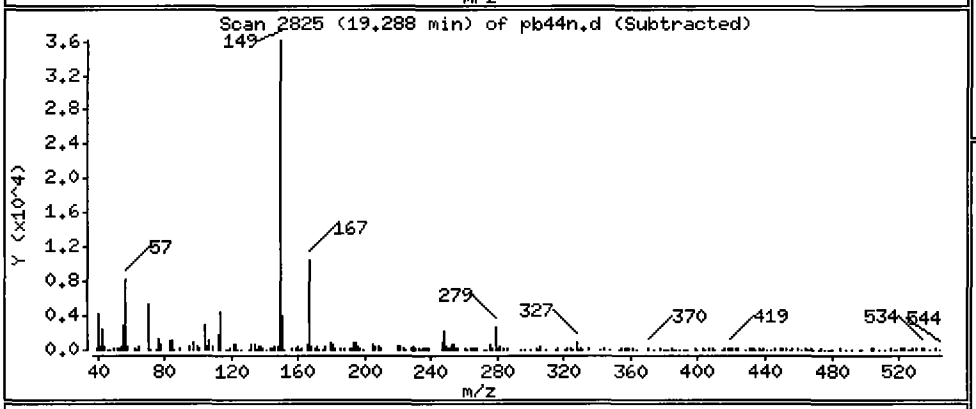
Column phase: ZB-5

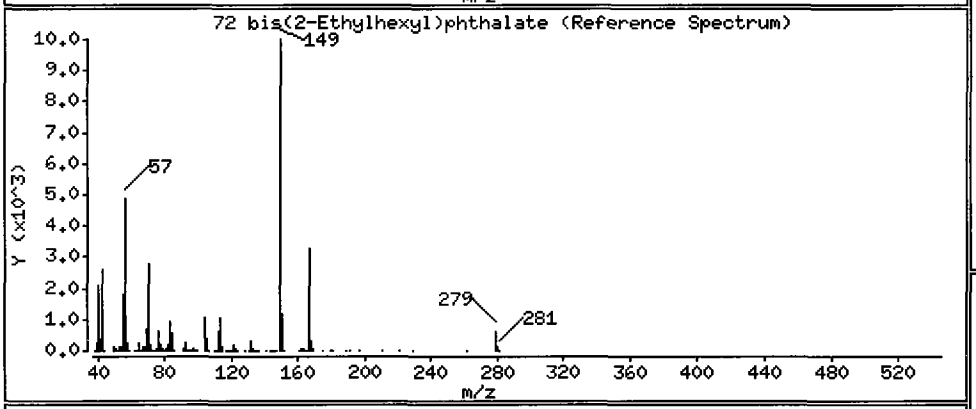
Column diameter: 0.32

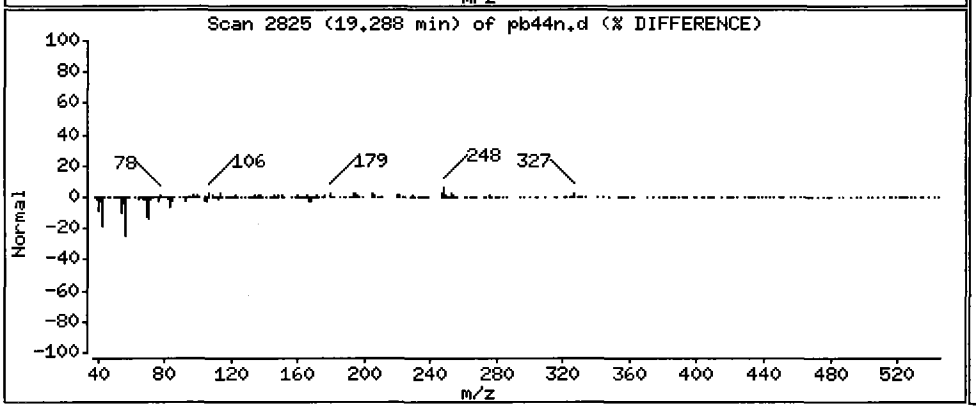
72 bis(2-Ethylhexyl)phthalate

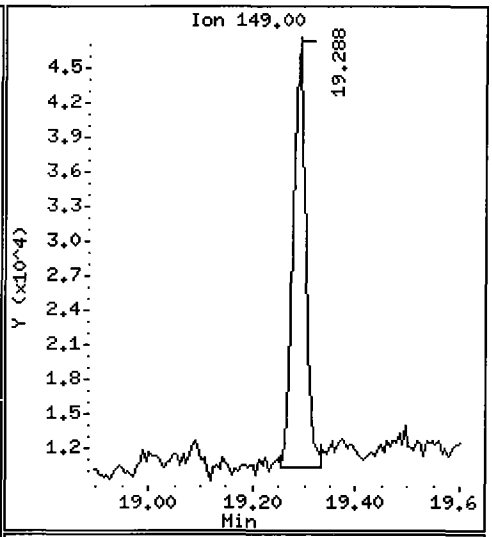
Concentration: 120.9 ug/kg

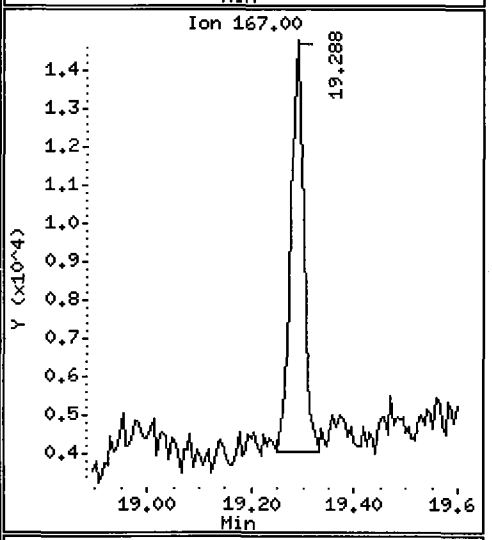


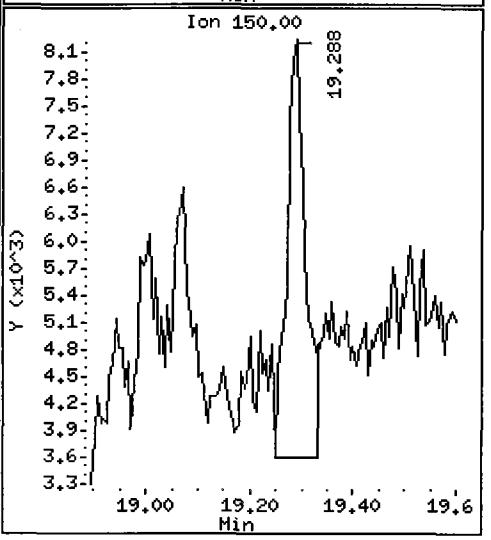












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

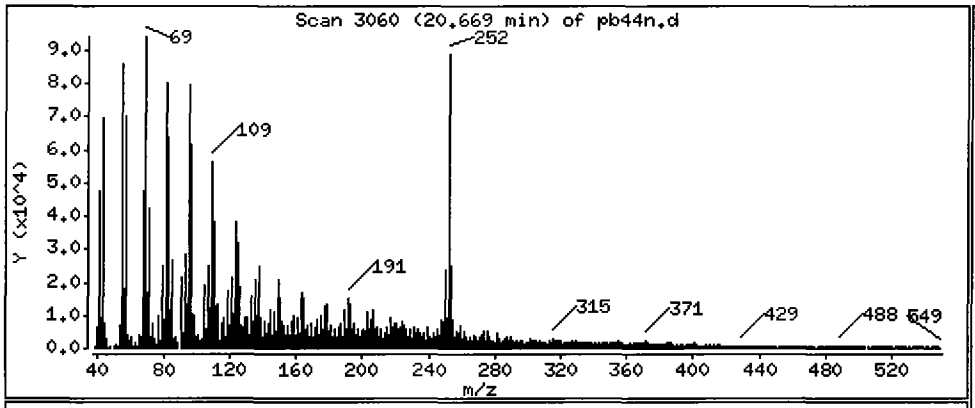
Operator: LJR/VTS

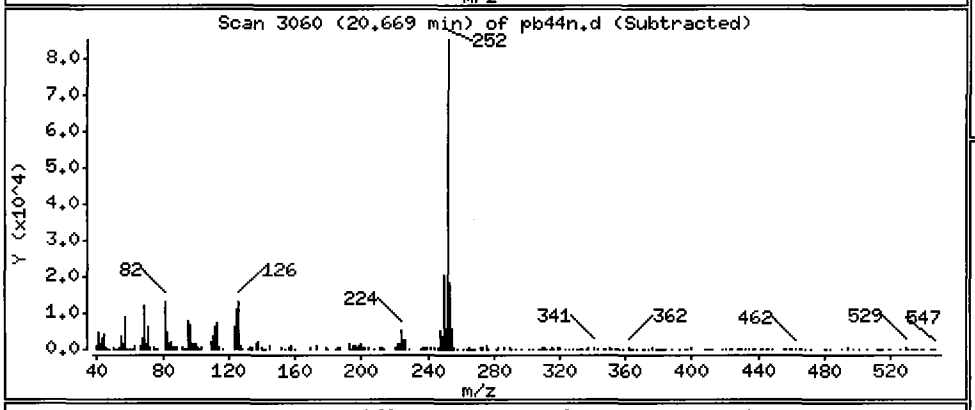
Column phase: ZB-5

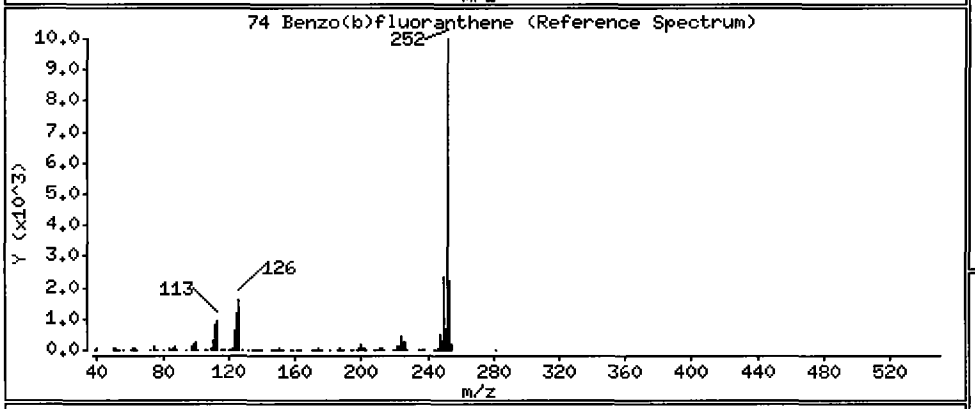
Column diameter: 0.32

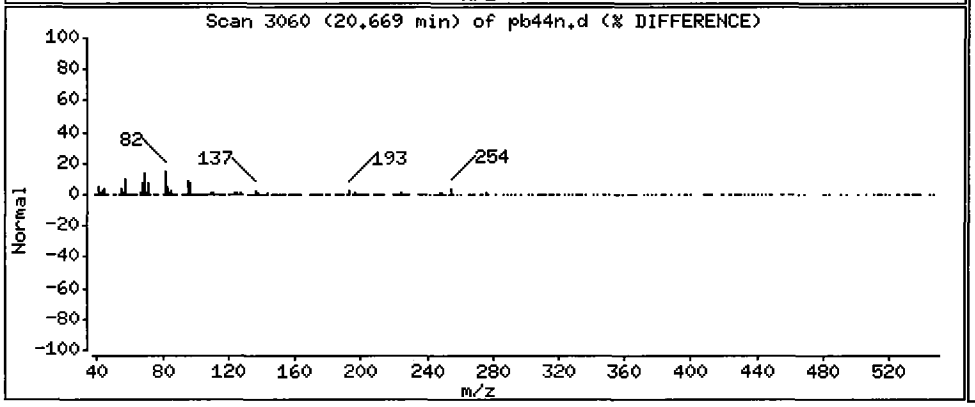
74 Benzo(b)fluoranthene

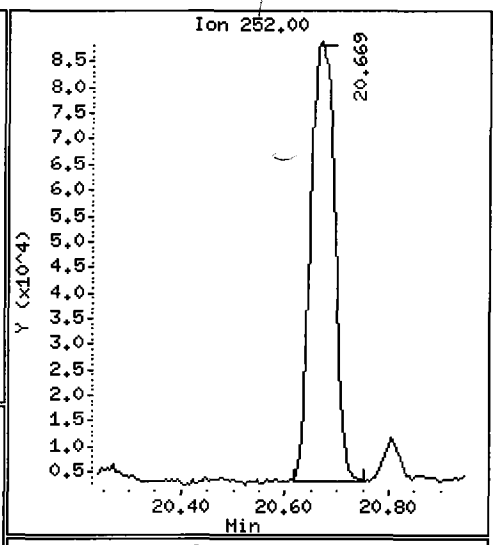
Concentration: 381.3 ug/kg

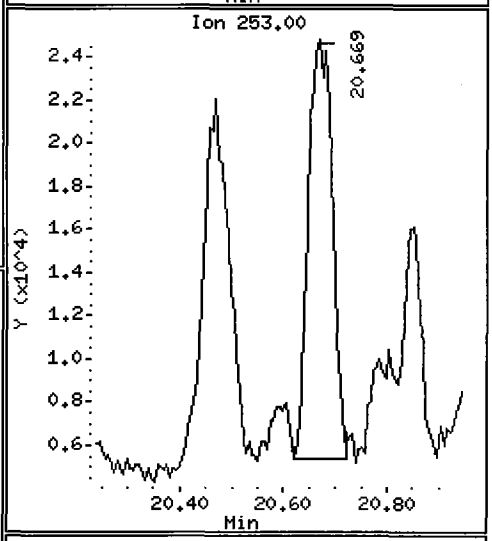


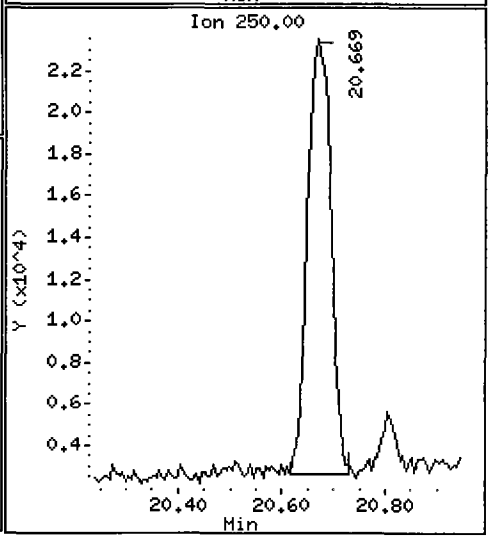












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

Operator: LJR/VTS

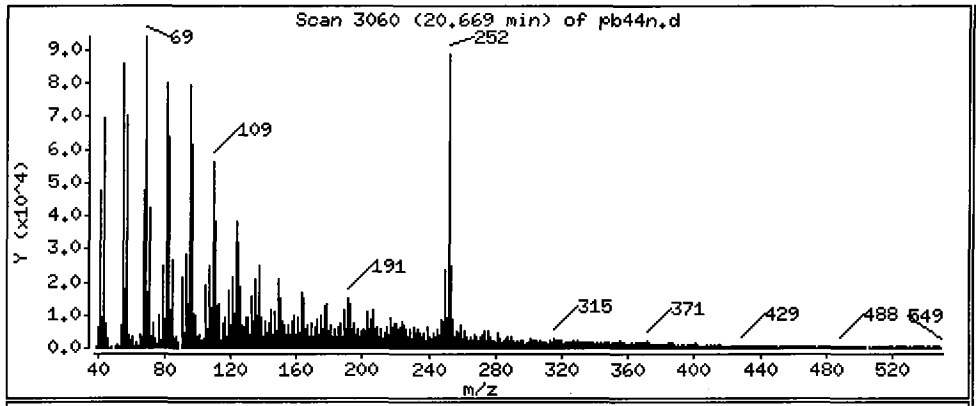
Column phase: ZB-5

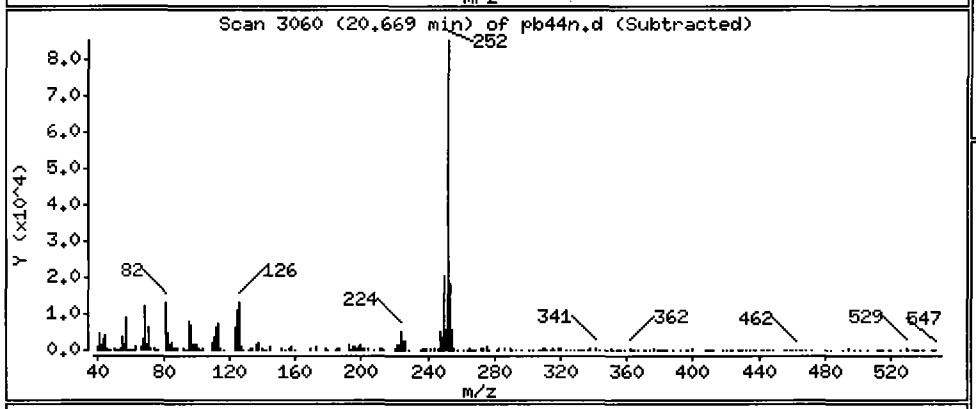
Column diameter: 0.32

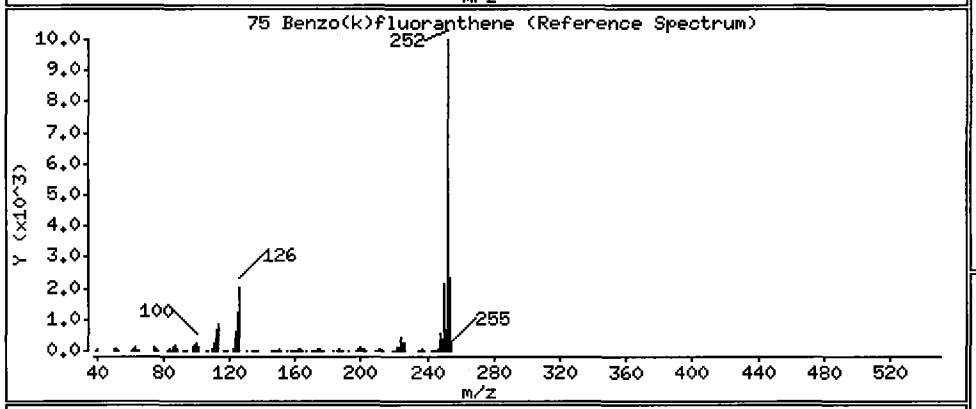
75 Benzo(k)fluoranthene

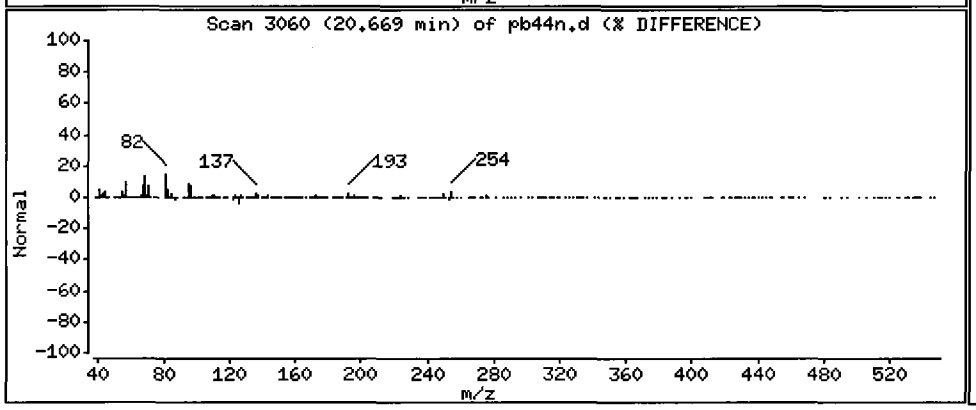
Concentration: 368.4 ug/kg

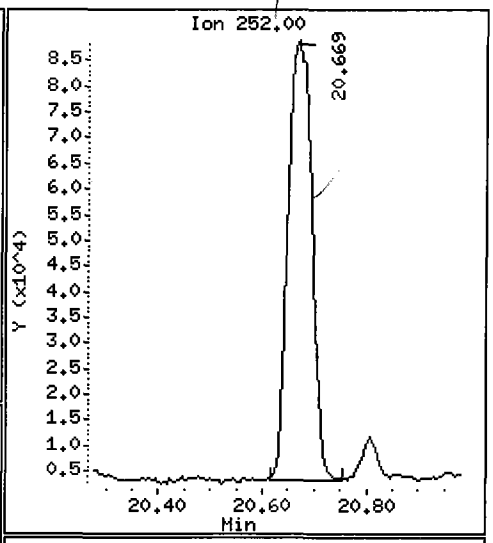
1/2

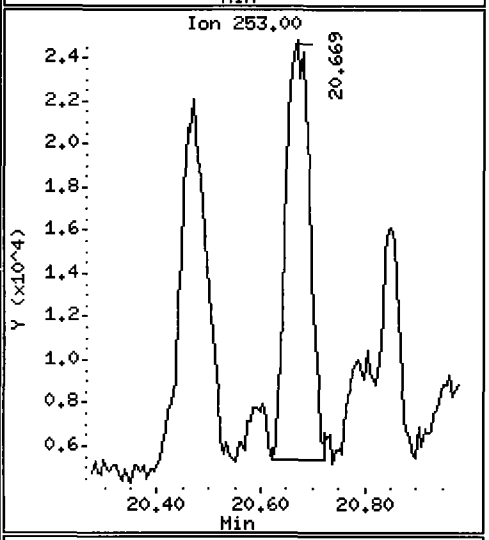


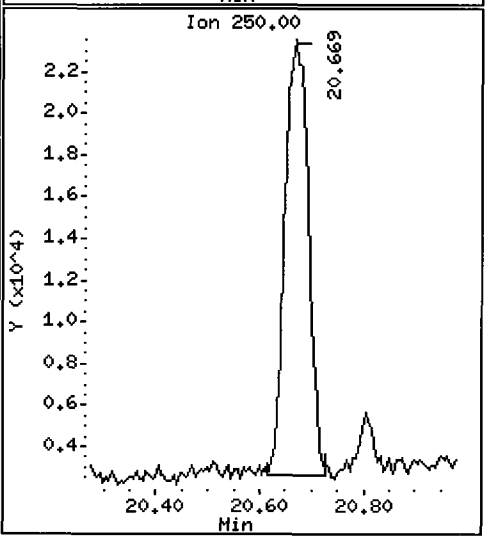












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

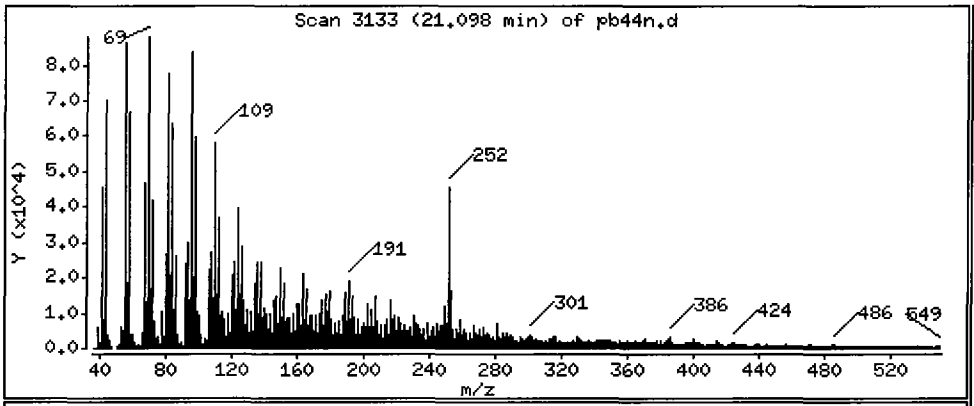
Operator: LJR/VTS

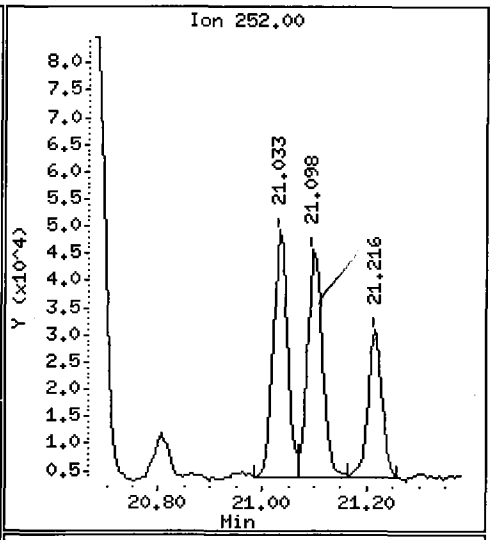
Column phase: ZB-5

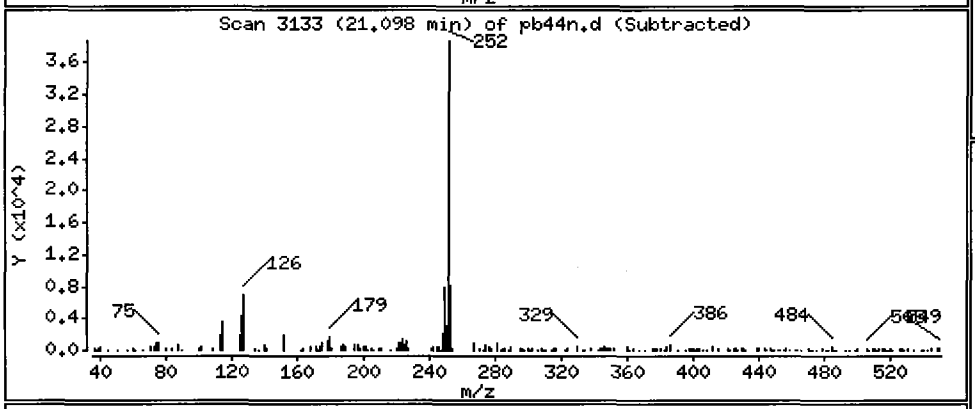
Column diameter: 0.32

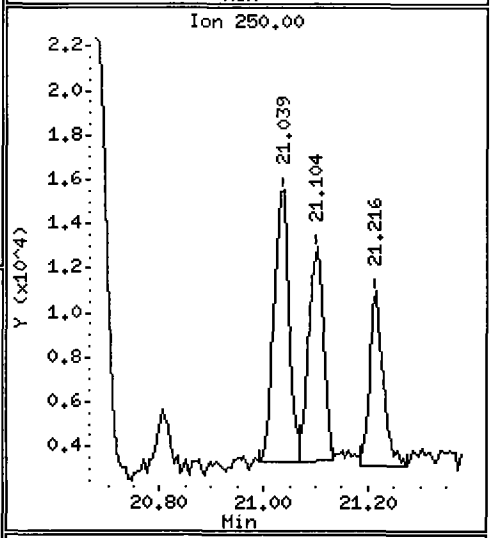
76 Benzo(a)pyrene

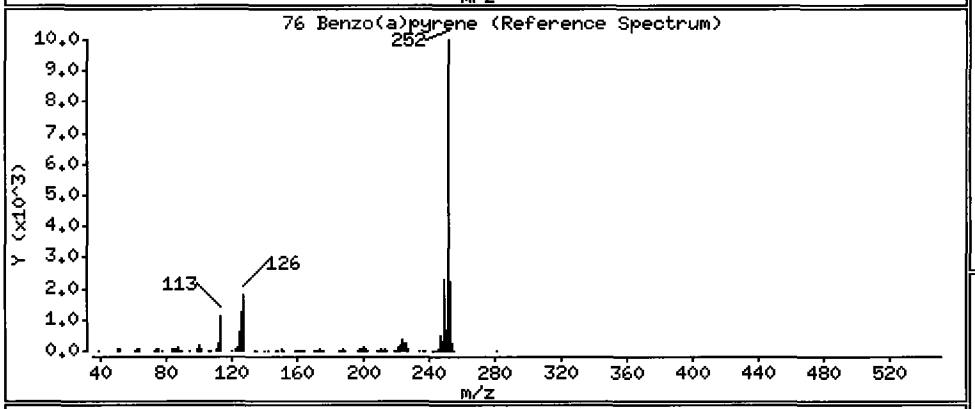
Concentration: 130.2 ug/kg

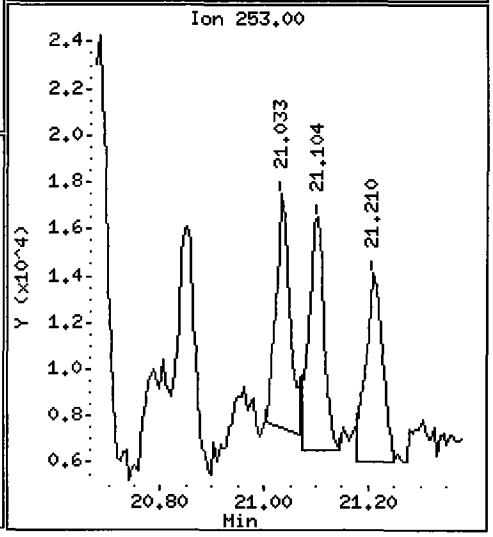


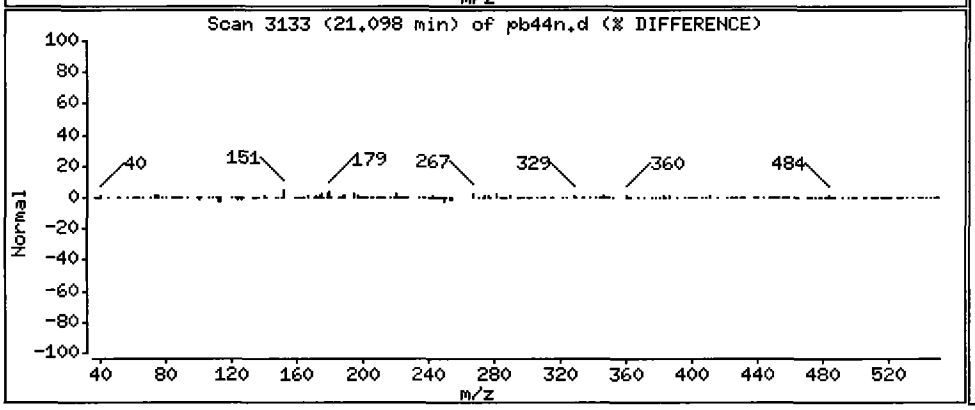












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

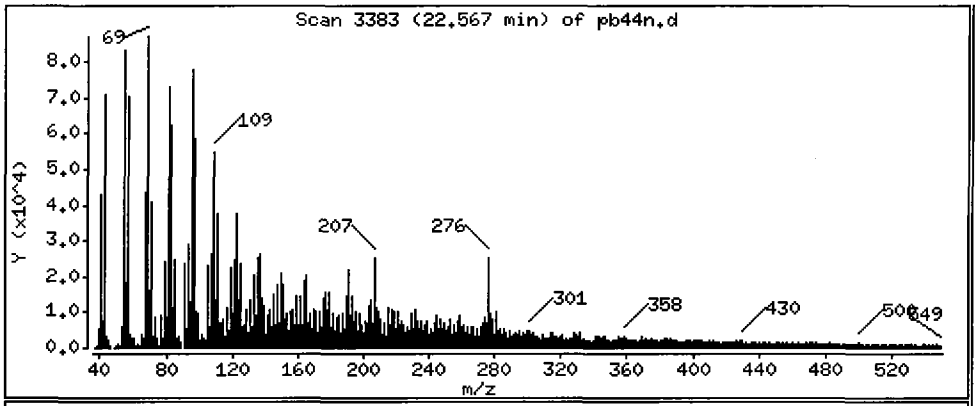
Operator: LJR/VTS

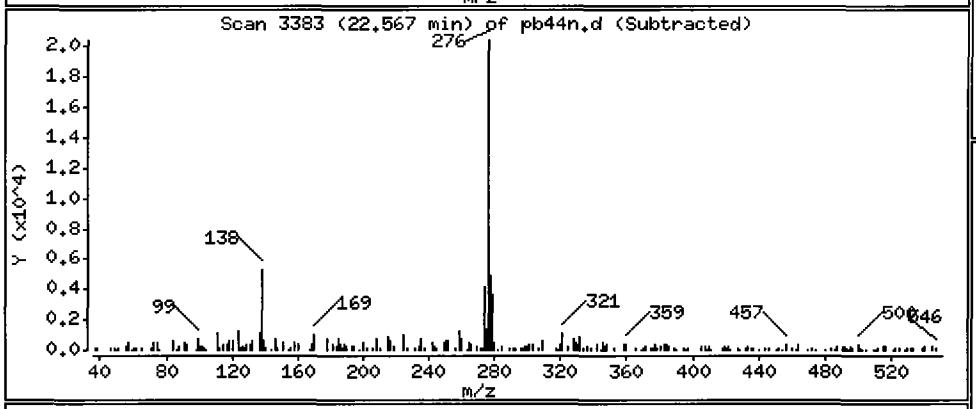
Column phase: ZB-5

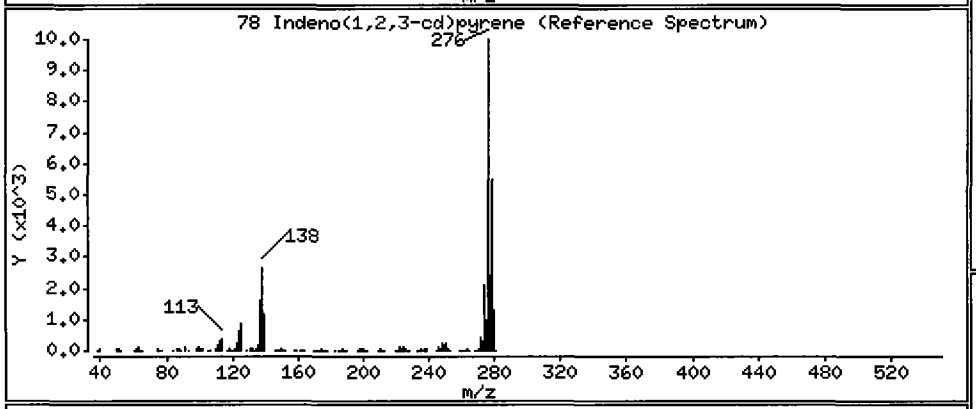
Column diameter: 0.32

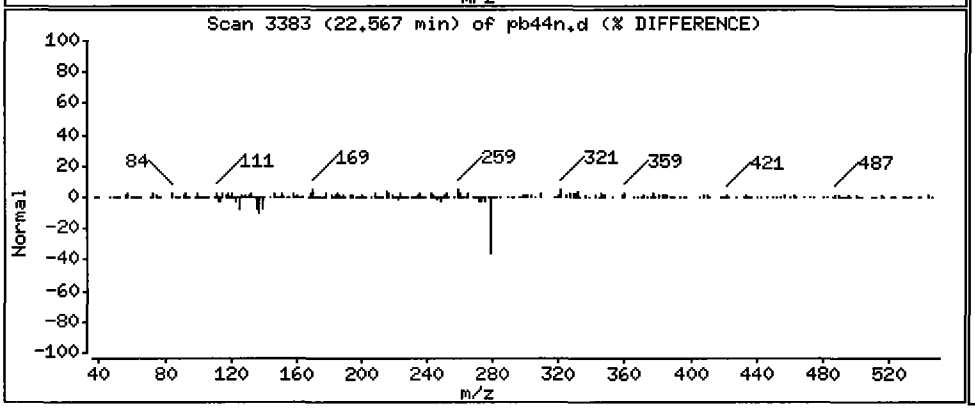
78 Indeno(1,2,3-cd)pyrene

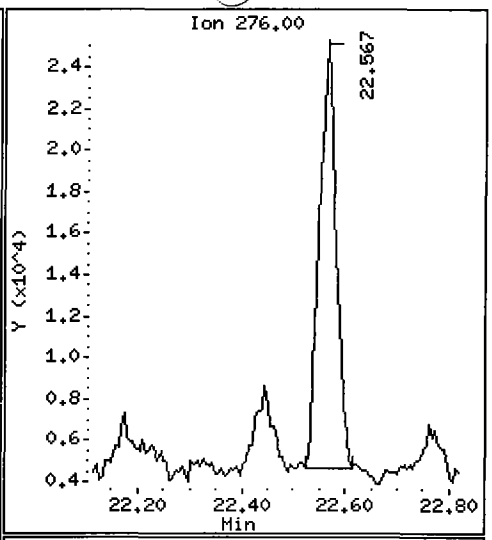
Concentration: 57.66 ug/kg

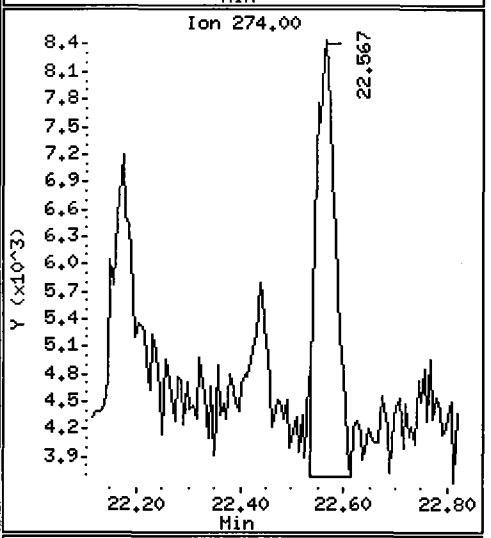


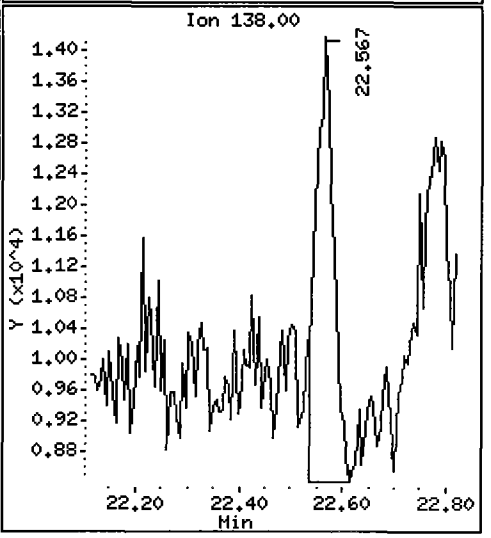












Data File: /chem3/nt4.i/20090616.b/pb44n.d

Date : 16-JUN-2009 23:28

Client ID: 3SED9-B

Instrument: nt4.i

Sample Info: PB44N,3

Volume Injected (uL): 1.0

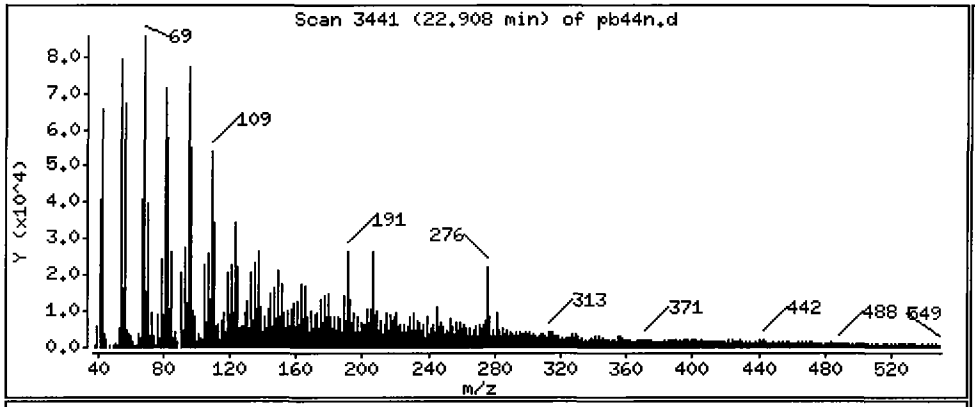
Operator: LJR/VTS

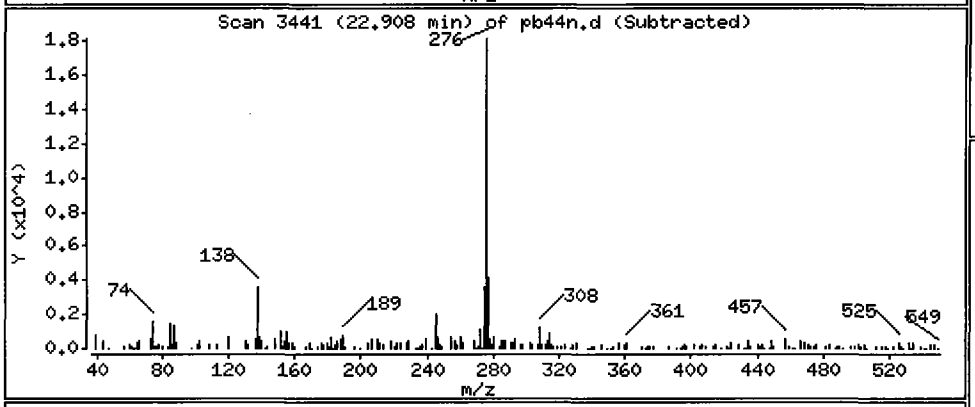
Column phase: ZB-5

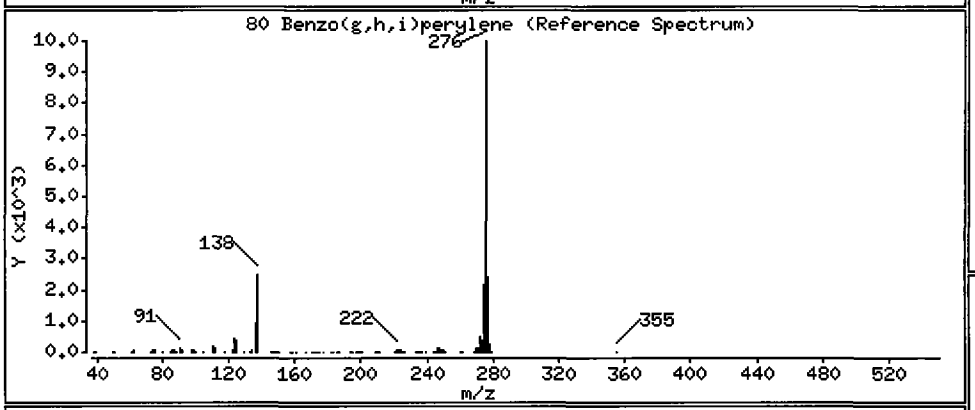
Column diameter: 0.32

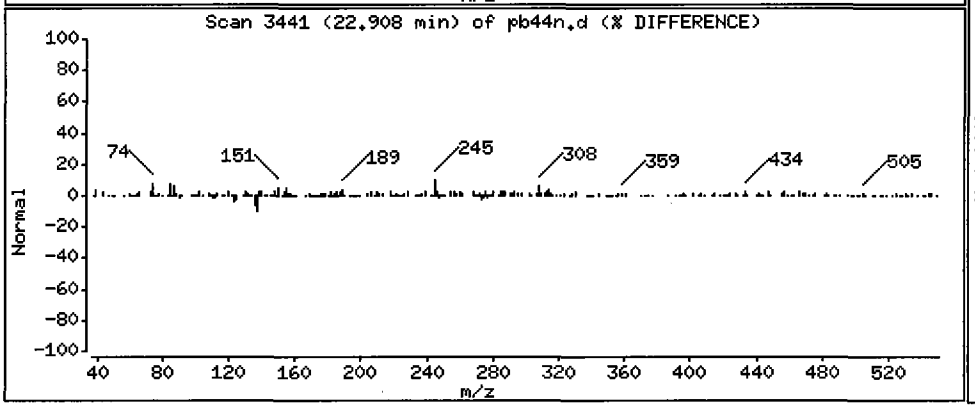
80 Benzo(g,h,i)perylene

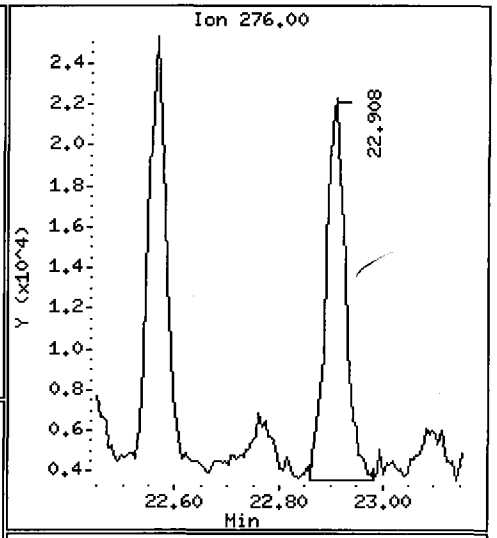
Concentration: 66.75 ug/kg

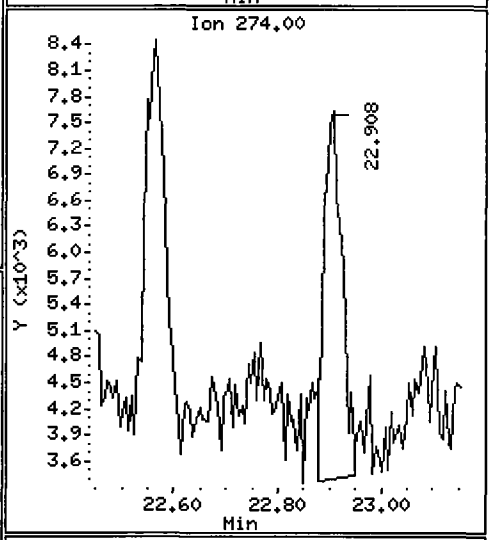


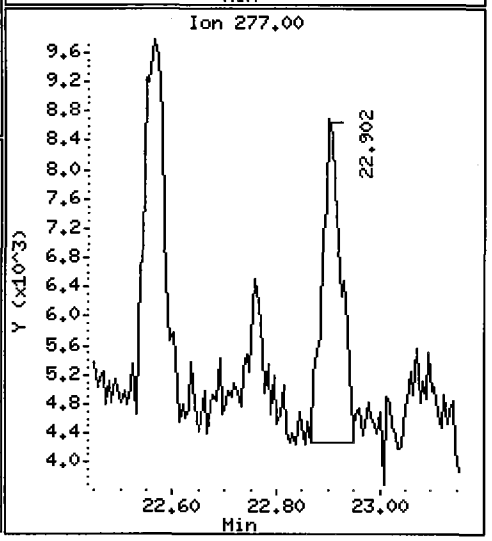












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: 3SED9-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB440
LIMS ID: 09-12801
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/17/09 00:03
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 36.8%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**9.7 J**
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	97	< 97 U
85-01-8	**Phenanthrene**	**20**	**41**
120-12-7	**Anthracene**	**20**	**21**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**190**
129-00-0	**Pyrene**	**20**	**140**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**79**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**50**
218-01-9	**Chrysene**	**20**	**130**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**71**
207-08-9	**Benzo(k)fluoranthene**	**20**	**71**
50-32-8	**Benzo(a)pyrene**	**20**	**67**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**35**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**16 J**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**35**
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	61.2%	2-Fluorobiphenyl	67.6%
d14-p-Terphenyl	67.6%	d4-1,2-Dichlorobenzene	50.4%
d5-Phenol	65.9%	2-Fluorophenol	63.5%
2,4,6-Tribromophenol	93.3%	d4-2-Chlorophenol	65.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44o.d
Lab Smp Id: PB44O Client Smp ID: 3SED9-C
Inj Date : 17-JUN-2009 00:03
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44O
Misc Info : 09-12801
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LTK 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	40.60000	Weight of sample extracted (g)
M	36.80000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$ 1 2-Fluorophenol	112	5.549	5.475	(0.741)	255308	23.7580	463.0
$ 2 Phenol-d5	99	7.206	7.091	(0.962)	361681	24.7165	481.6
3 Phenol	94	Compound Not Detected.					
$ 5 2-Chlorophenol-d4	132	7.223	7.167	(0.965)	223109	24.6870	481.1
4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6 2-Chlorophenol	128	Compound Not Detected.					
7 1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8 1,4-Dichlorobenzene-d4	152	7.488	7.461	(1.000)	140255	20.0000	
9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10 1,2-Dichlorobenzene-d4	152	7.781	7.761	(1.039)	83168	12.6047	245.6
12 1,2-Dichlorobenzene	146	Compound Not Detected.					
11 Benzyl alcohol	108	Compound Not Detected.					
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13 2-Methylphenol	108	Compound Not Detected.					
17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.422	8.401	(0.884)	216487	15.3314	298.8
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.526	9.506	(1.000)	497608	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.330	11.309	(0.916)	385321	16.9208	329.7
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	12.117	12.097	(0.980)	15765	0.50159 EMPC	9.774
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.370	12.344	(1.000)	300426	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.669	13.636	(1.105)	97192	35.0186	682.4
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.732	14.694	(1.000)	545515	20.0000	
	60 Phenanthrene	178	14.761	14.735	(1.002)	73227	2.10330	40.99
	61 Anthracene	178	14.838	14.805	(1.007)	38566	1.09127	21.26
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	16.700	16.650	(1.134)	344863	9.98919	194.7
	65 Pyrene	202	17.047	16.997	(0.896)	312307	7.32400	142.7
$	66 Terphenyl-d14	244	17.382	17.338	(0.913)	431344	16.9498	330.3
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	19.009	18.948	(0.999)	139484	4.07989	79.50
*	69 Chrysene-d12	240	19.033	18.977	(1.000)	495279	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	19.068	19.018	(1.002)	223995	6.69983	130.6
	72 bis(2-Ethylhexyl)phthalate	149	19.291	19.247	(0.954)	66726	2.58284	50.33
*	134 Di-n-octylphthalate-d4	153	20.231	20.181	(1.000)	798791	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	20.672	20.593	(0.975)	266533	7.46079 >T	~~145.4~~ 3.668
	75 Benzo(k)fluoranthene	252	20.672	20.628	(0.975)	266533	7.20963	~~140.5~~ 3.668
	76 Benzo(a)pyrene	252	21.107	21.027	(0.996)	109660	3.43412	66.92
*	77 Perylene-d12	264	21.195	21.110	(1.000)	511262	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.570	22.467	(1.065)	71227	1.77626	34.61
	79 Dibenzo(a,h)anthracene	278	22.588	22.496	(1.066)	26554	0.81223 LML	15.83(MH)
	80 Benzo(g,h,i)perylene	276	22.917	22.802	(1.081)	66010	1.82165	35.50
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44o.d
Lab Smp Id: PB44O
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12801

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED9-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	140255	-22.35
27 Naphthalene-d8	633172	316586	1266344	497608	-21.41
42 Acenaphthene-d10	336916	168458	673832	300426	-10.83
59 Phenanthrene-d10	514258	257129	1028516	545515	6.08
69 Chrysene-d12	376875	188438	753750	495279	31.42
134 Di-n-octylphthala	640574	320287	1281148	798791	24.70
77 Perylene-d12	383864	191932	767728	511262	33.19

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.49	0.36
27 Naphthalene-d8	9.51	9.01	10.01	9.53	0.22
42 Acenaphthene-d10	12.34	11.84	12.84	12.37	0.22
59 Phenanthrene-d10	14.69	14.19	15.19	14.73	0.26
69 Chrysene-d12	18.98	18.48	19.48	19.03	0.29
134 Di-n-octylphthala	20.18	19.68	20.68	20.23	0.25
77 Perylene-d12	21.11	20.61	21.61	21.20	0.40

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44O
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12801

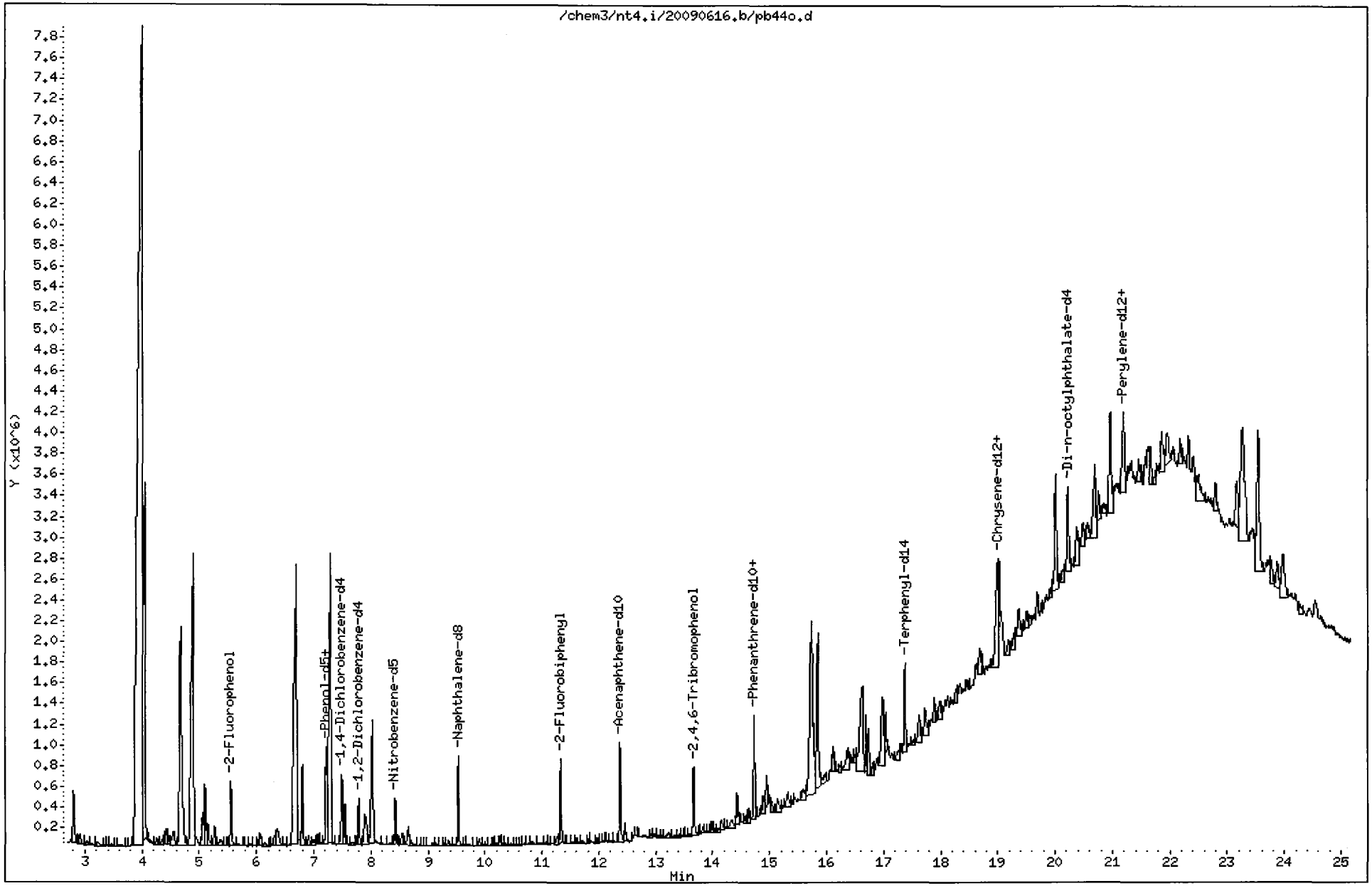
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED9-C
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	730.7	463.0	63.35	21-100
$ 2 Phenol-d5	730.7	481.6	65.91	10-100
$ 5 2-Chlorophenol-d4	730.7	481.1	65.83	30-100
$ 10 1,2-Dichlorobenzen	487.2	245.6	50.42	24-100
$ 18 Nitrobenzene-d5	487.2	298.8	61.33	26-100
$ 36 2-Fluorobiphenyl	487.2	329.7	67.68	32-100
$ 55 2,4,6-Tribromophen	730.7	682.4	93.38	33-118
$ 66 Terphenyl-d14	487.2	330.3	67.80	21-97

Data File: /chem3/nt4.i/20090616.b/pb44o.d
Date : 17-JUN-2009 00:03
Client ID: 3SED9-C
Sample Info: PB44O
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: LJR/VTS
Column diameter: 0.32

PB44 : 66356



Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

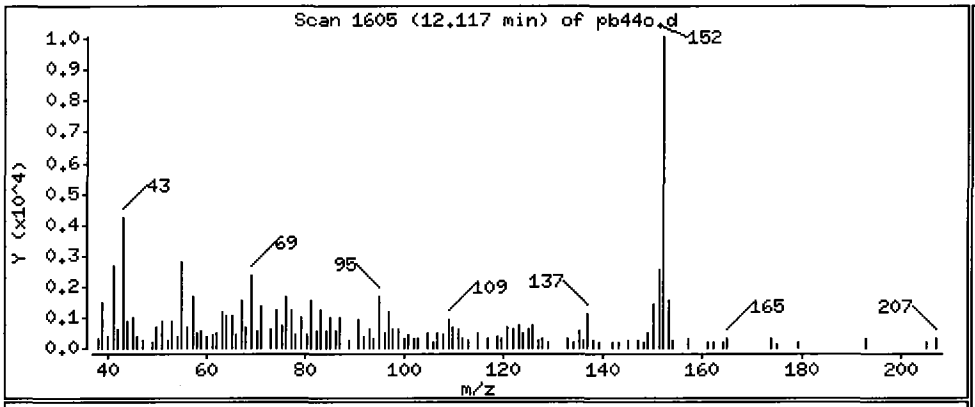
Operator: LJR/VTS

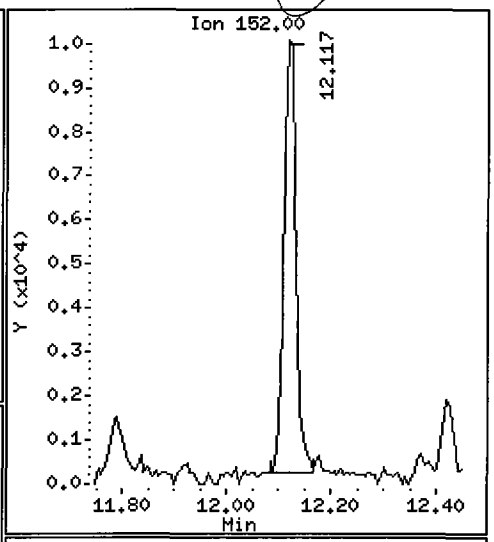
Column phase: ZB-5

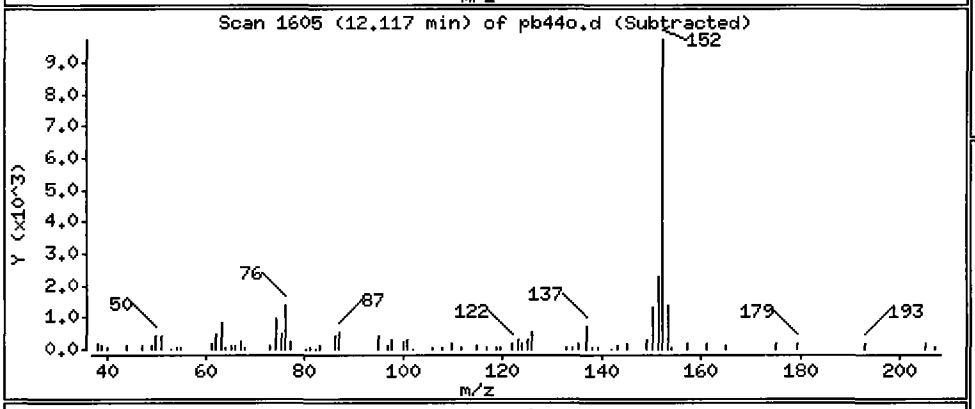
Column diameter: 0.32

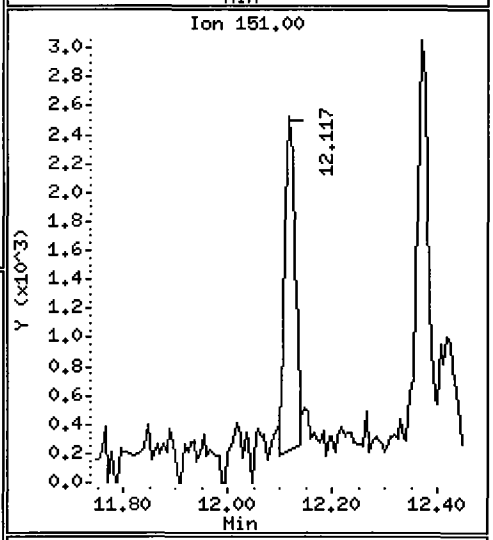
40 Acenaphthylene

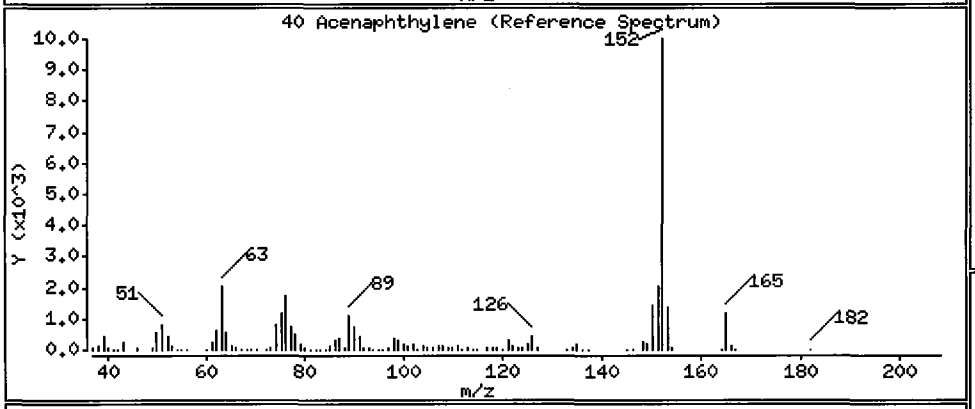
Concentration: 9.774 ug/kg

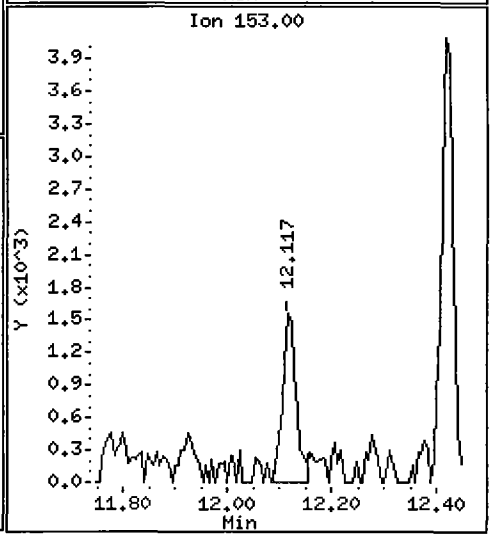


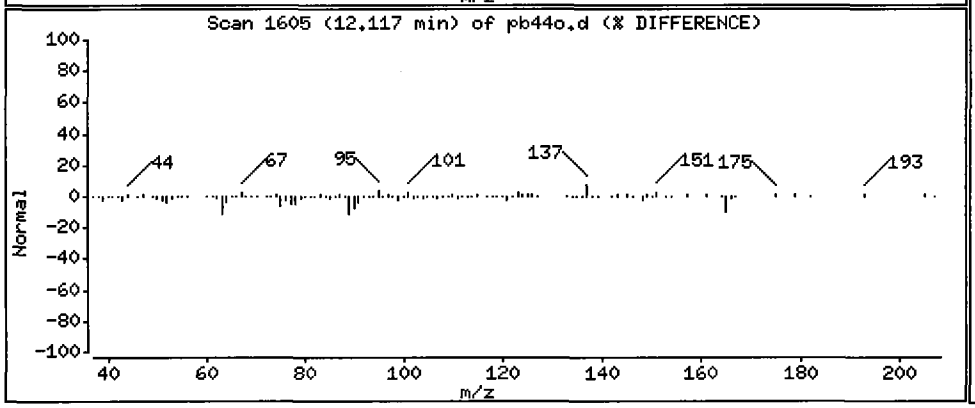












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

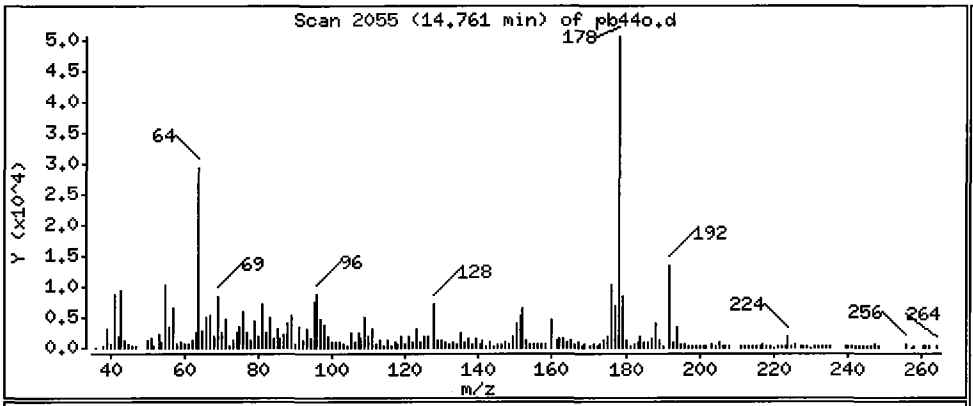
Operator: LJR/VTS

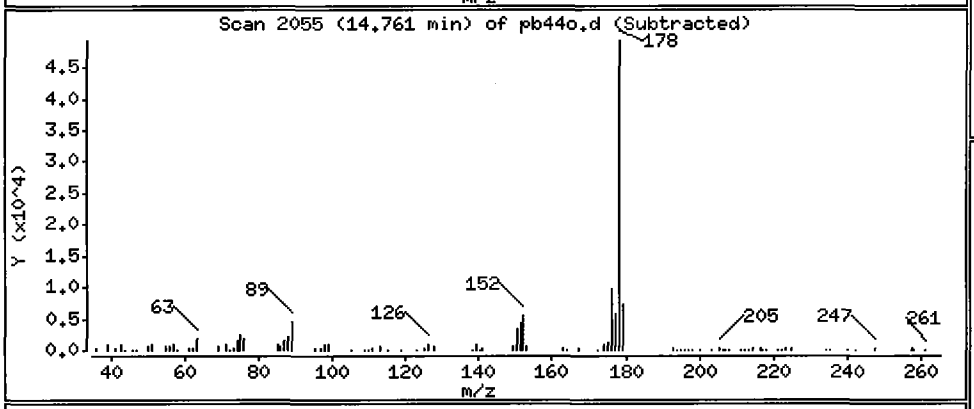
Column phase: ZB-5

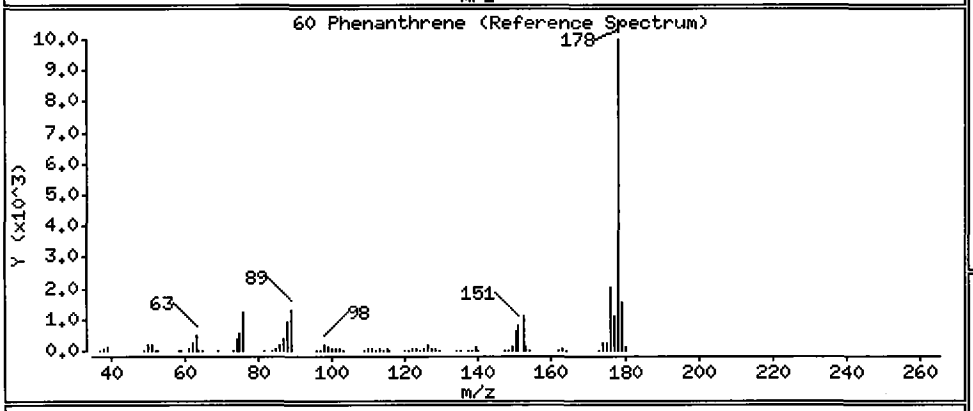
Column diameter: 0.32

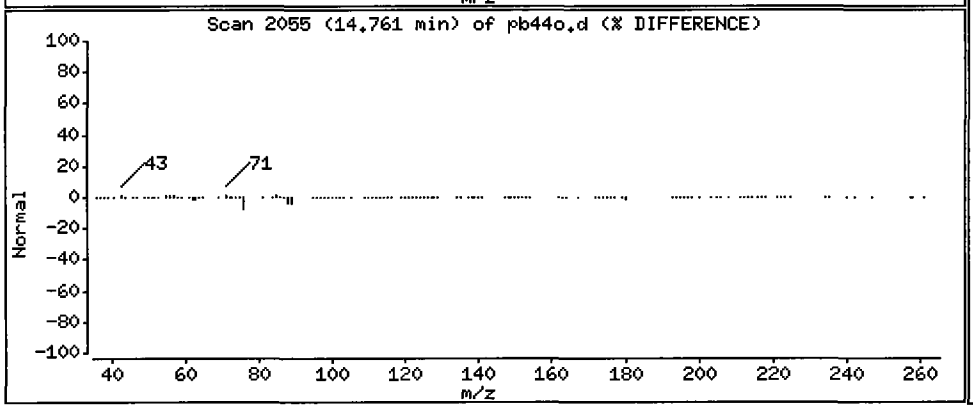
60 Phenanthrene

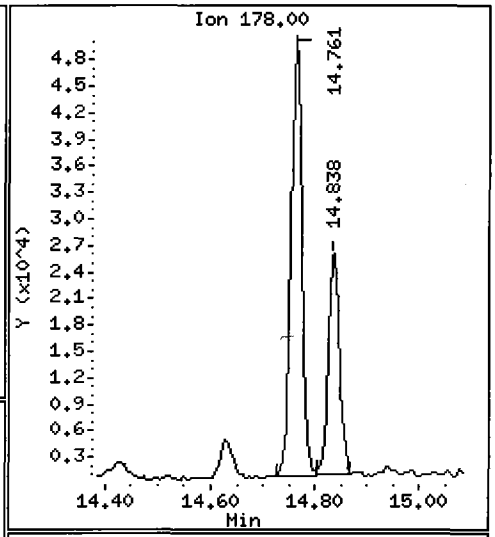
Concentration: 40.99 ug/kg

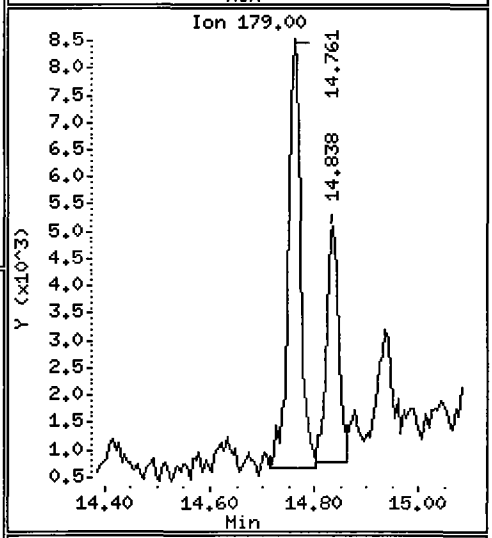


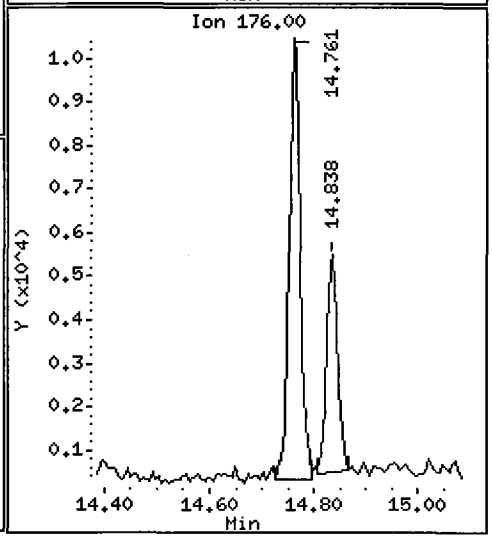












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

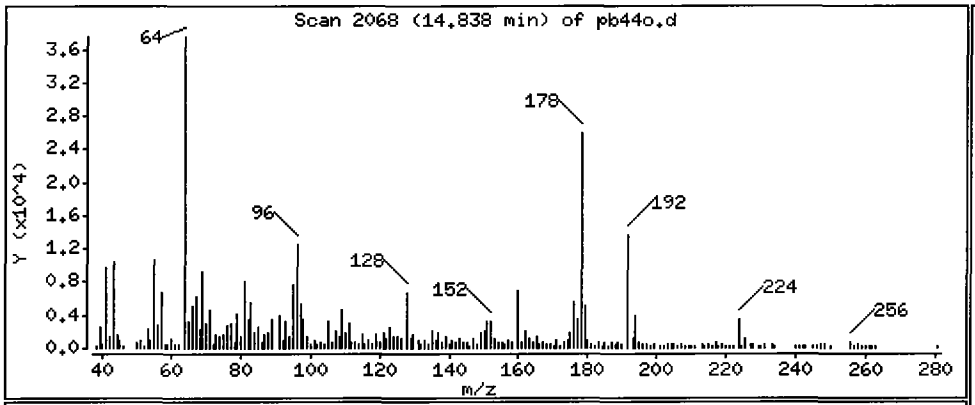
Operator: LJR/VTS

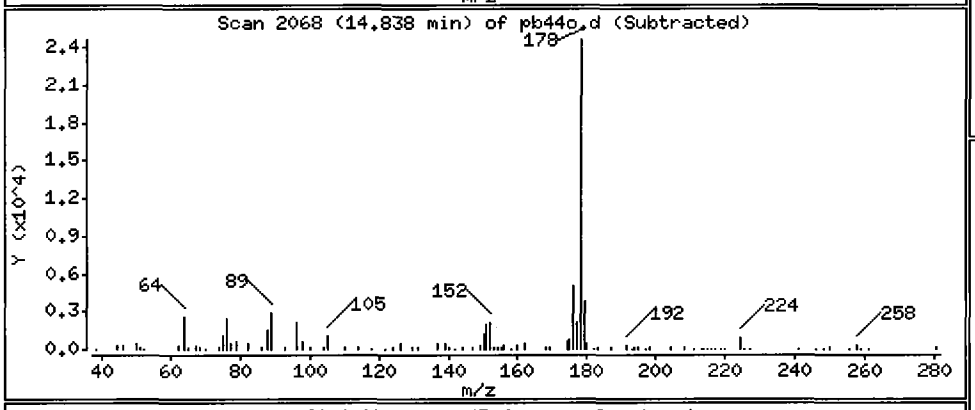
Column phase: ZB-5

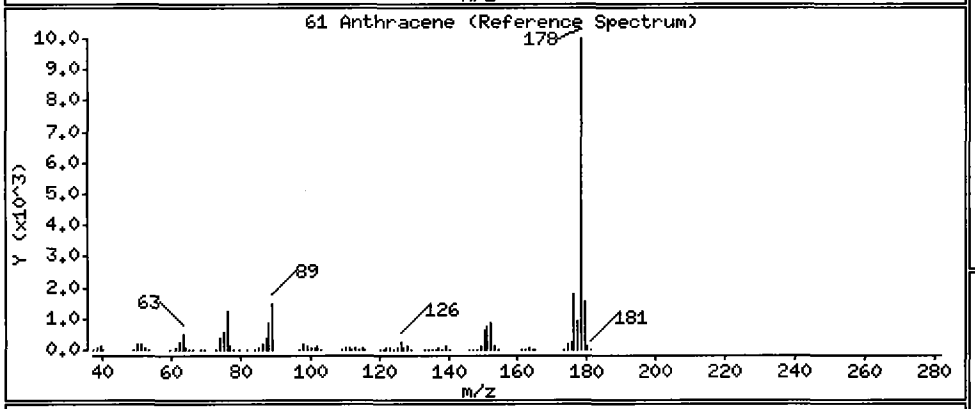
Column diameter: 0.32

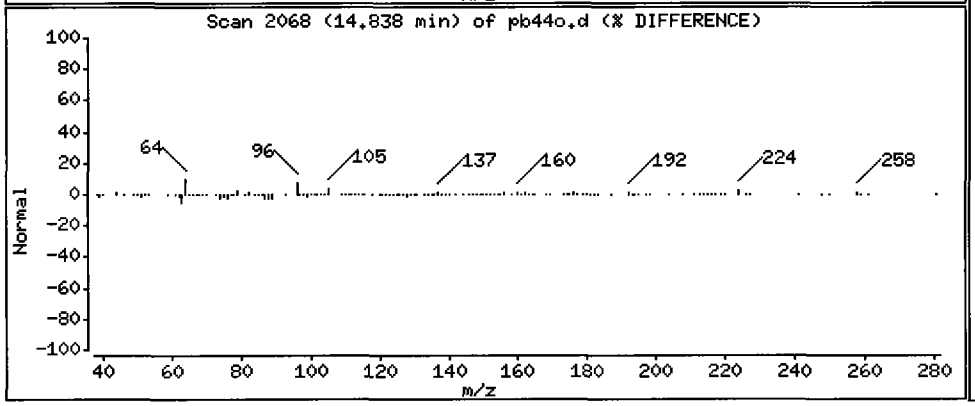
61 Anthracene

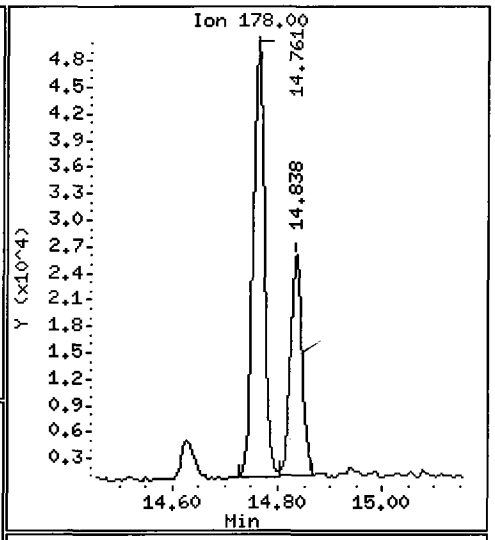
Concentration: 21.26 ug/kg

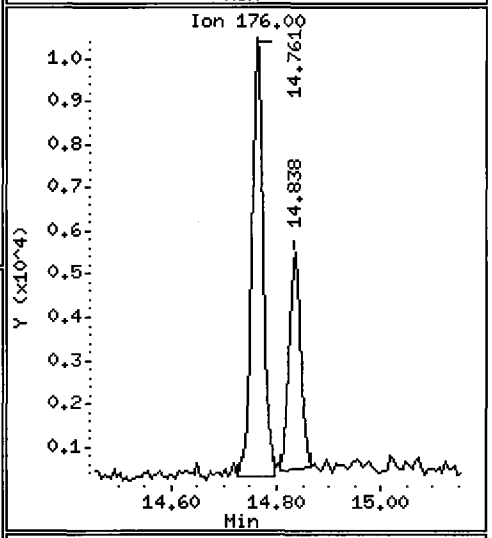


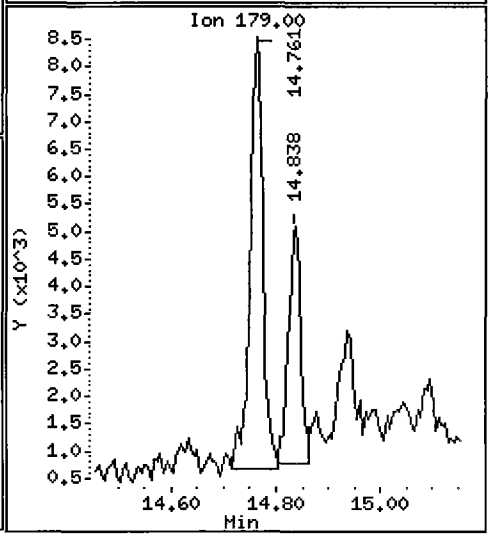












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

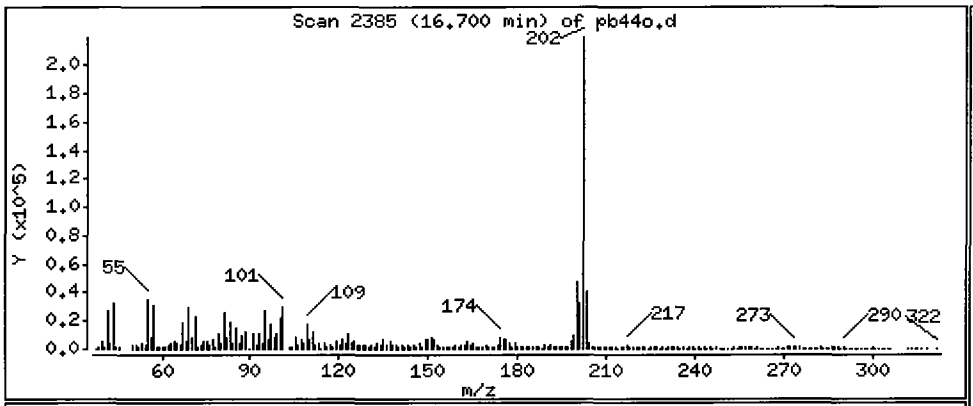
Operator: LJR/VTS

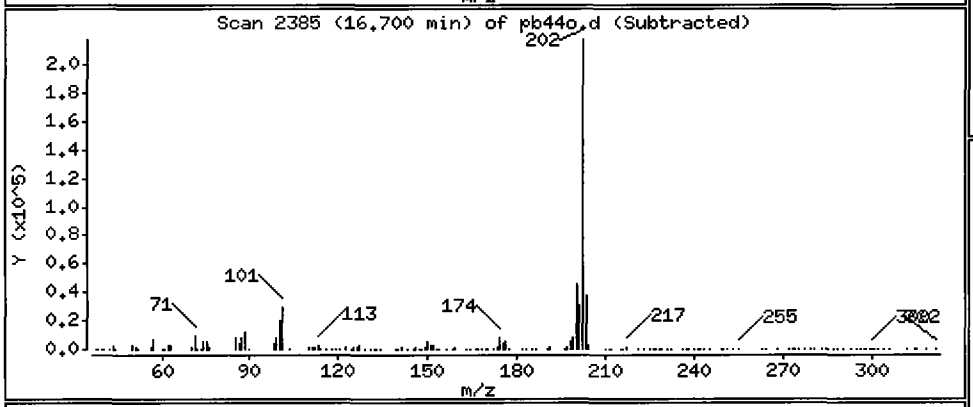
Column phase: ZB-5

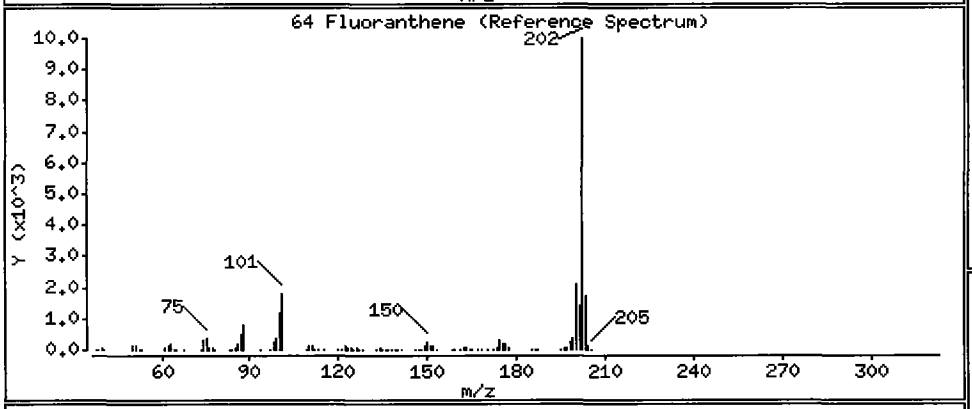
Column diameter: 0.32

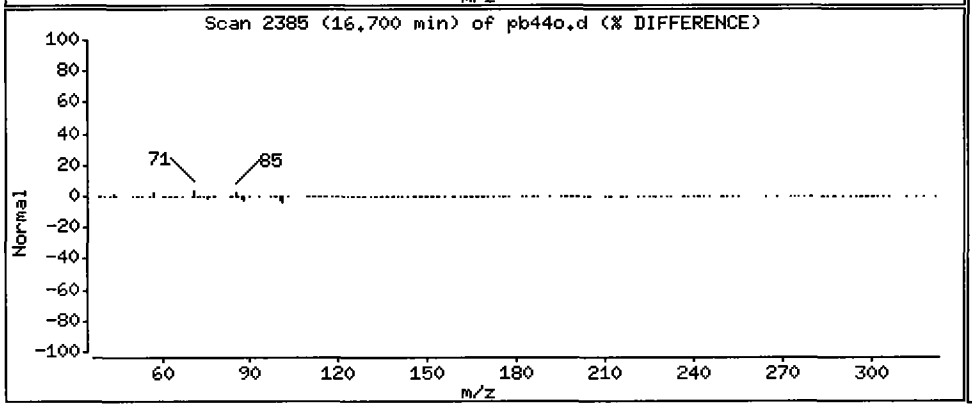
64 Fluoranthene

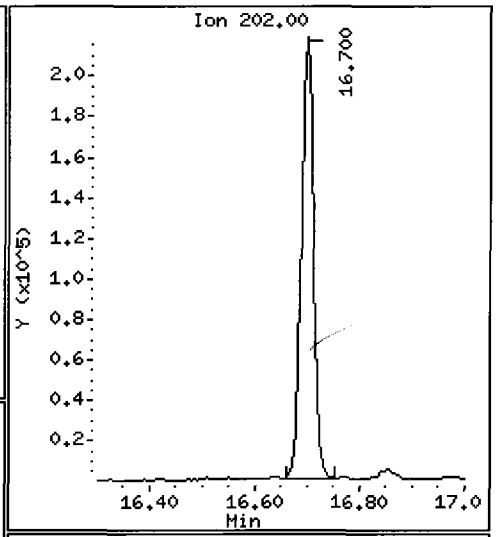
Concentration: 194.7 ug/kg

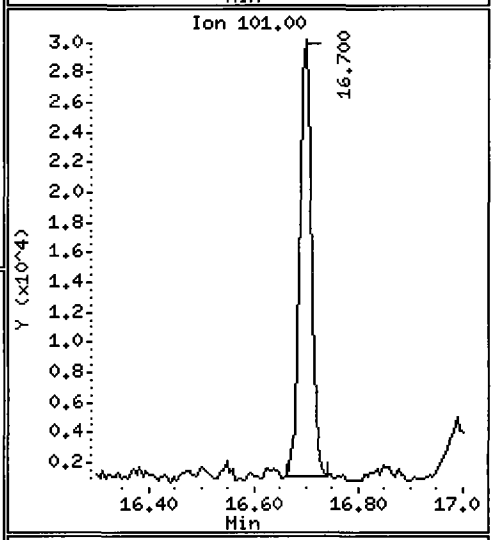


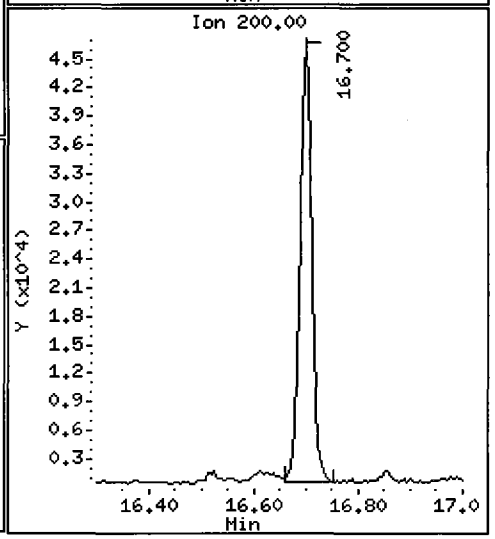












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

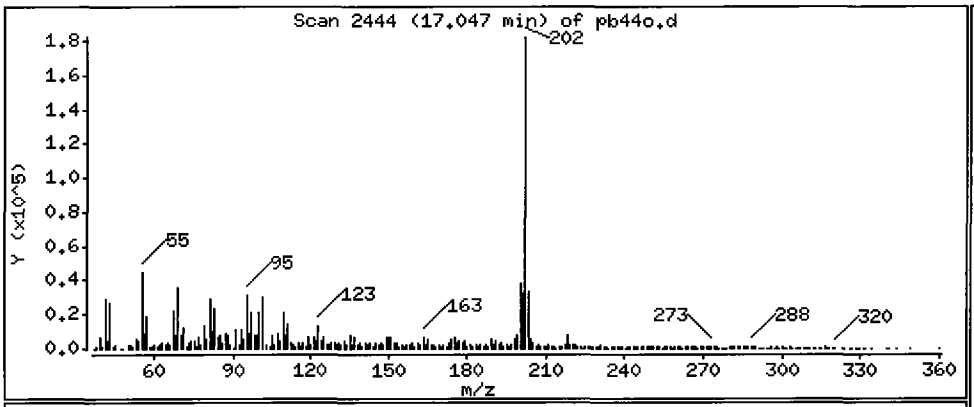
Operator: LJR/VTS

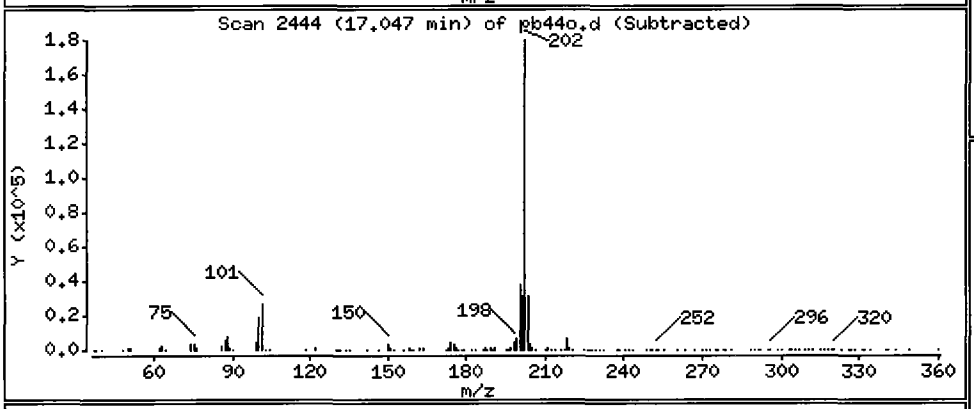
Column phase: ZB-5

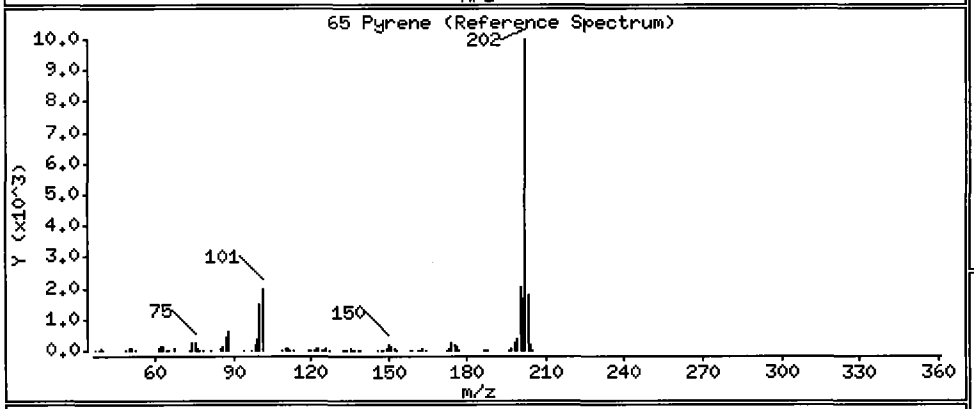
Column diameter: 0.32

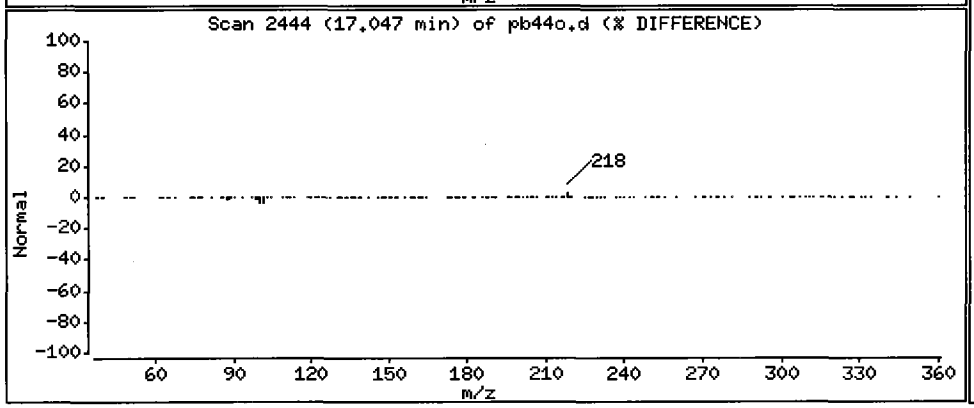
65 Pyrene

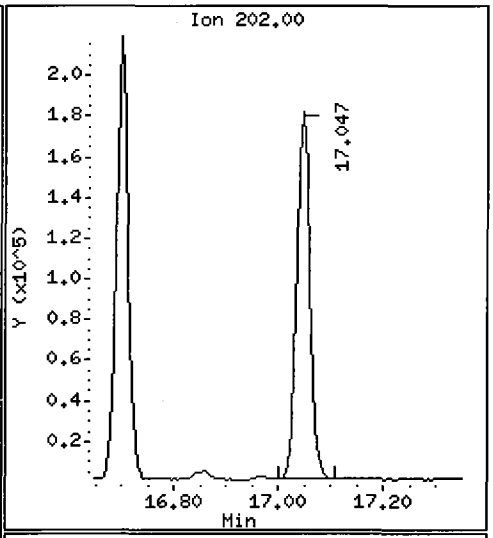
Concentration: 142.7 ug/kg

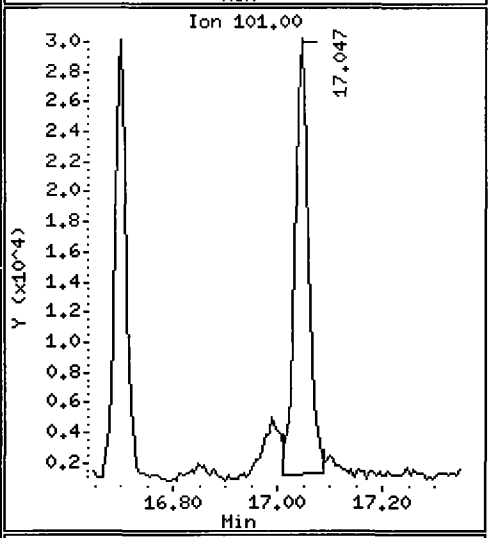


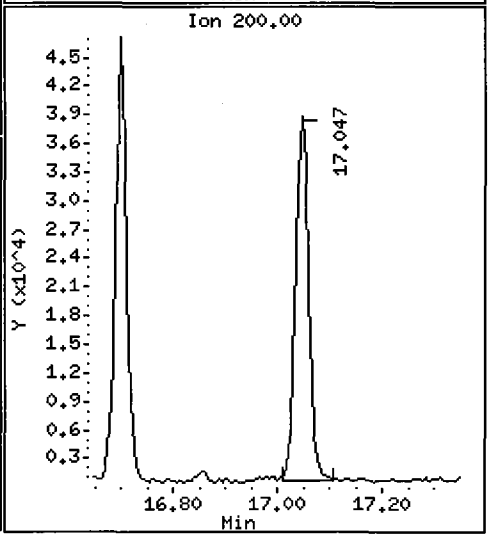












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

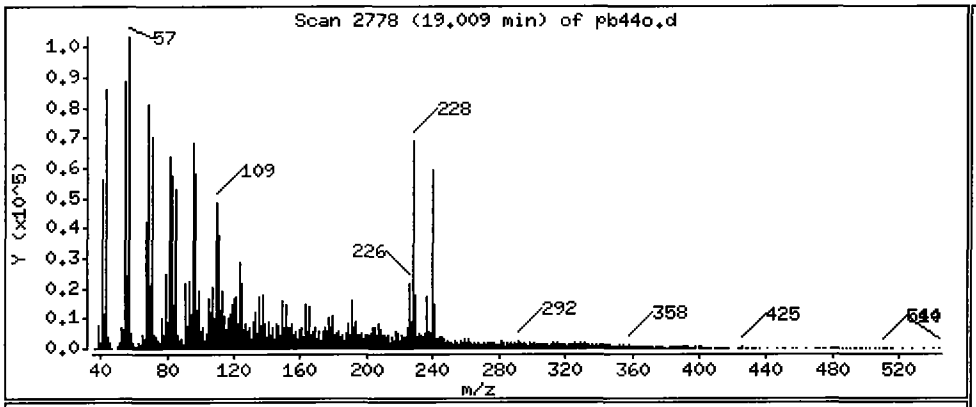
Operator: LJR/VTS

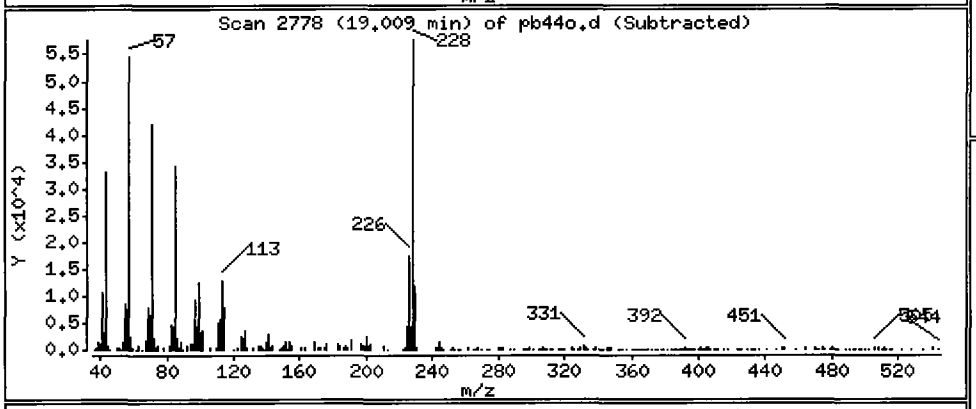
Column phase: ZB-5

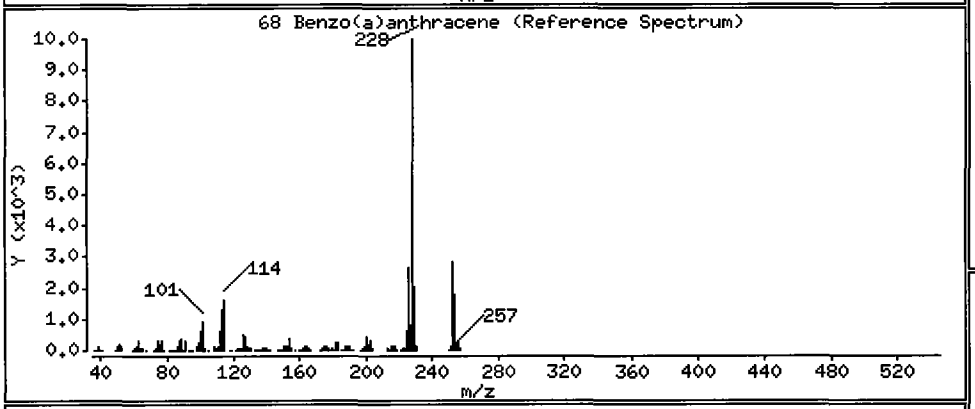
Column diameter: 0.32

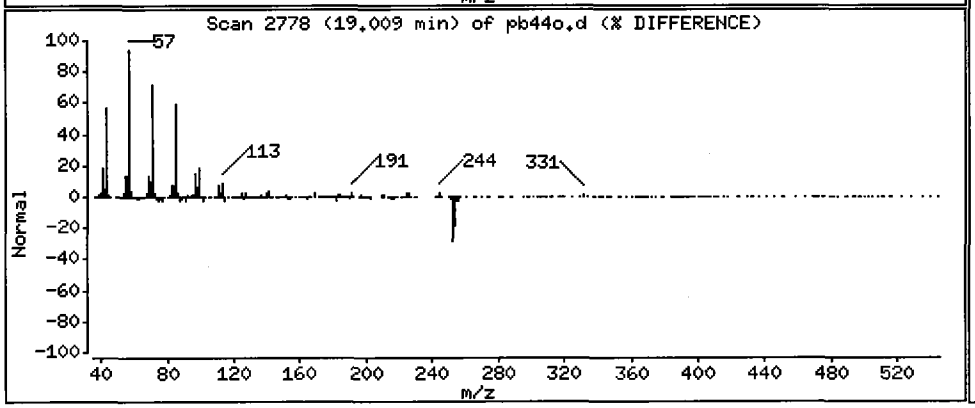
68 Benzo(a)anthracene

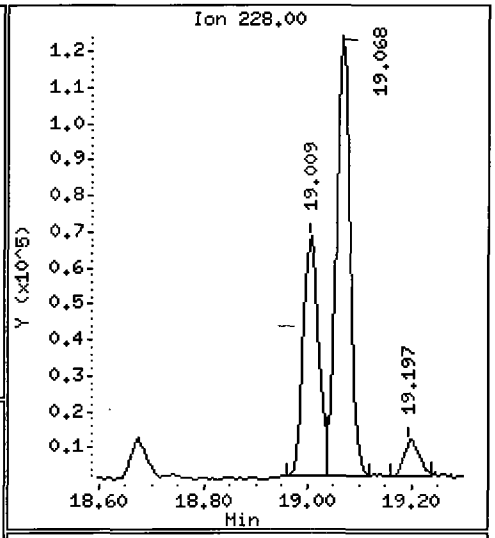
Concentration: 79.50 ug/kg

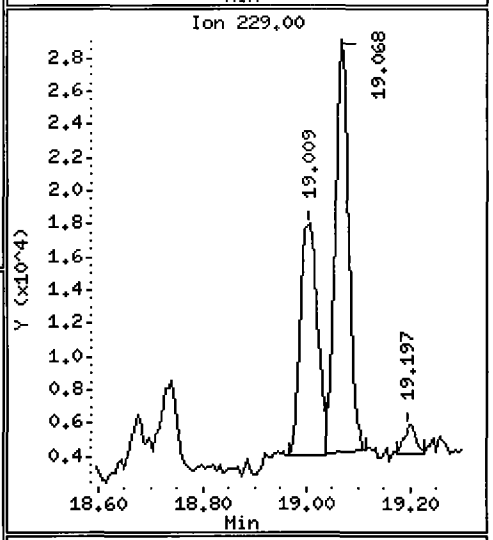


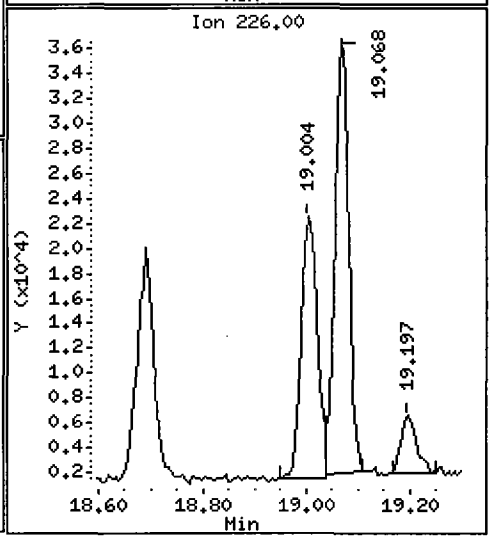












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

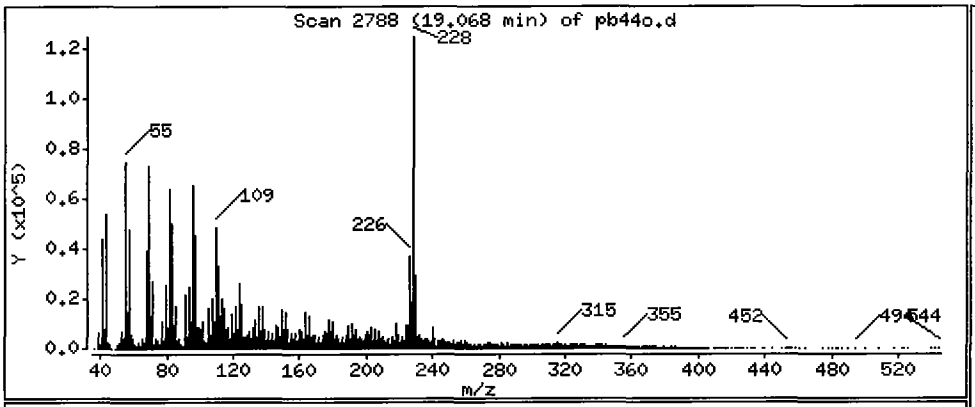
Operator: LJR/VTS

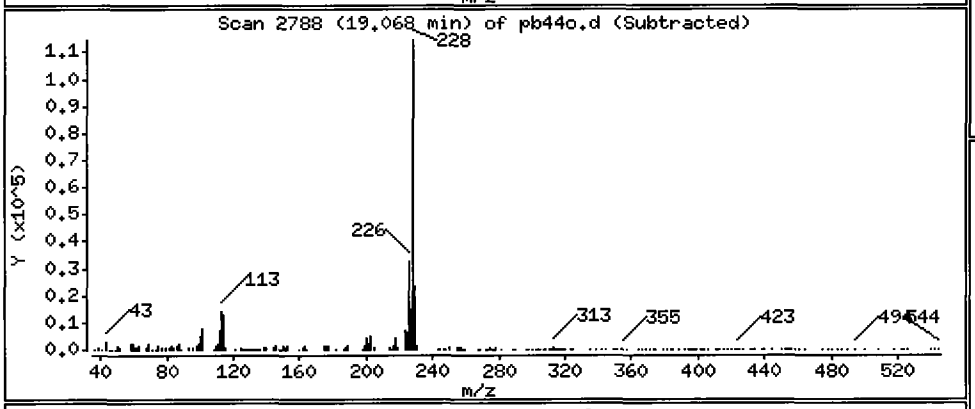
Column phase: ZB-5

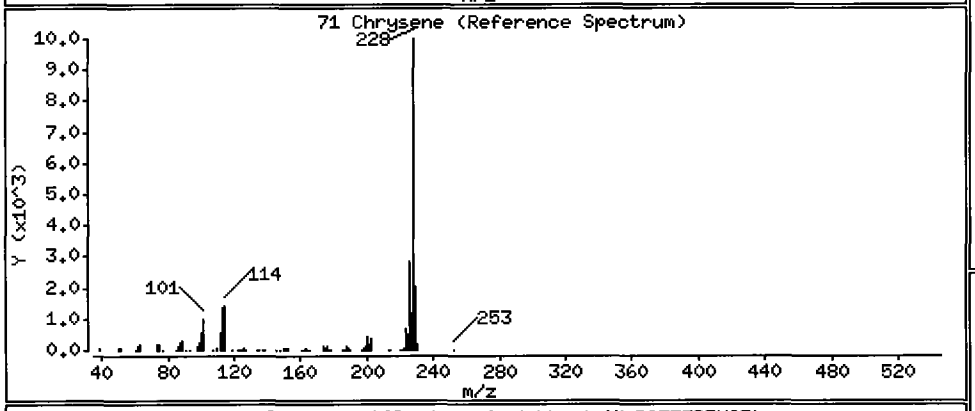
Column diameter: 0.32

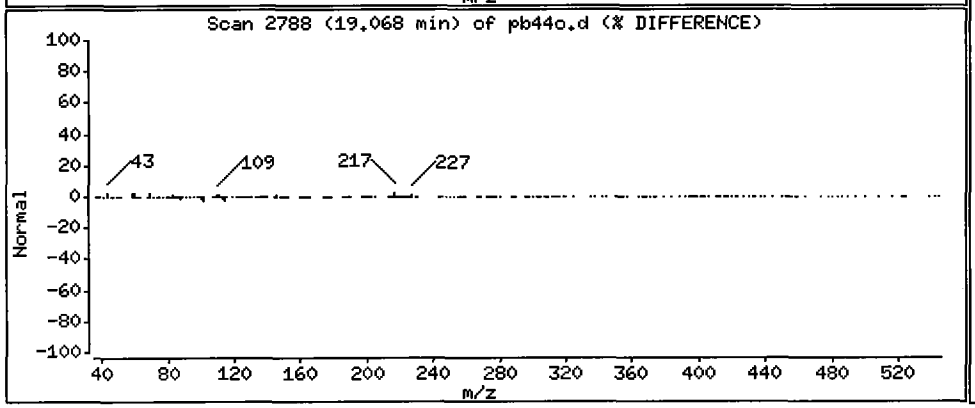
71 Chrysene

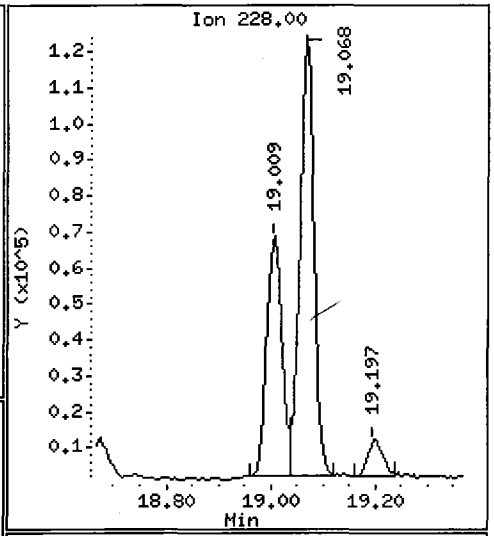
Concentration: 130.6 ug/kg

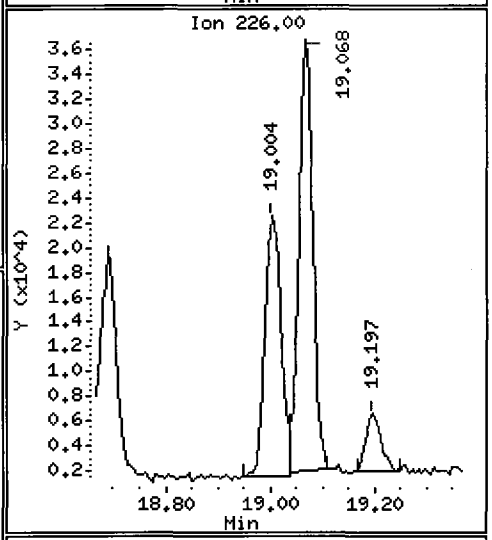


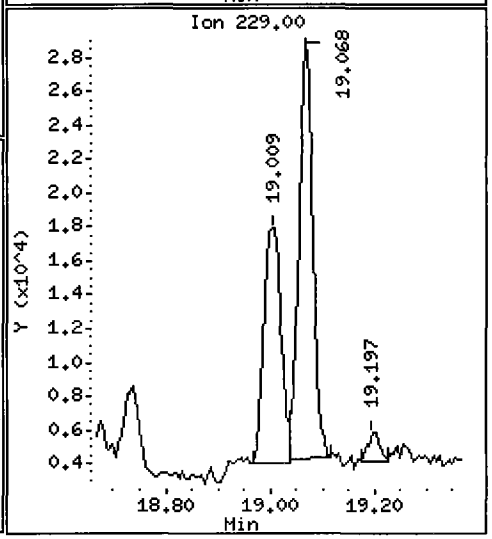












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

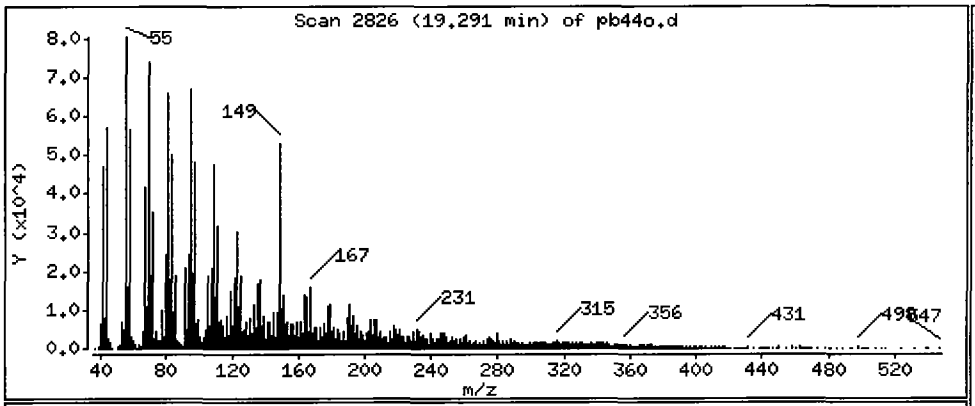
Operator: LJR/VTS

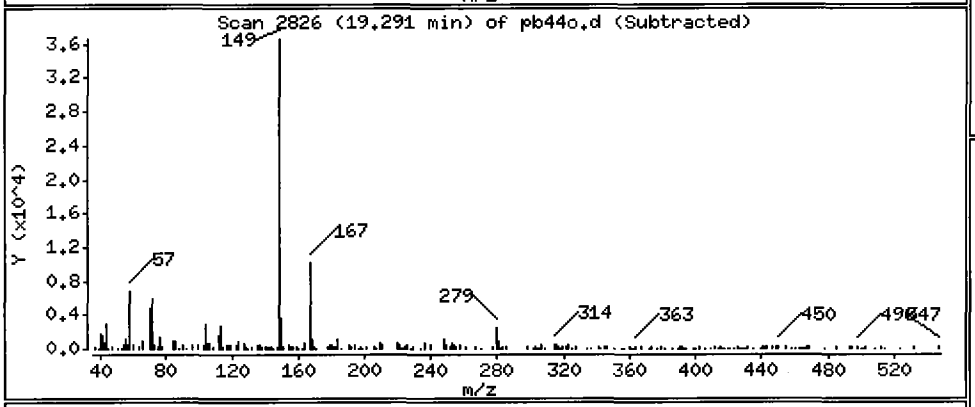
Column phase: ZB-5

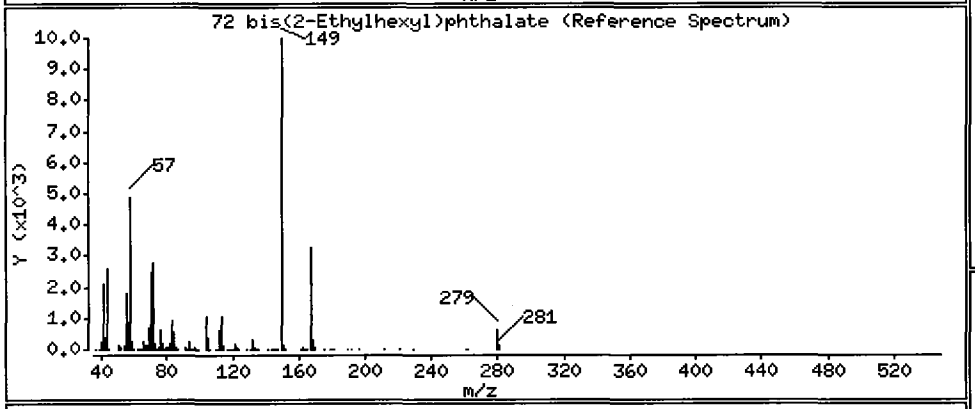
Column diameter: 0.32

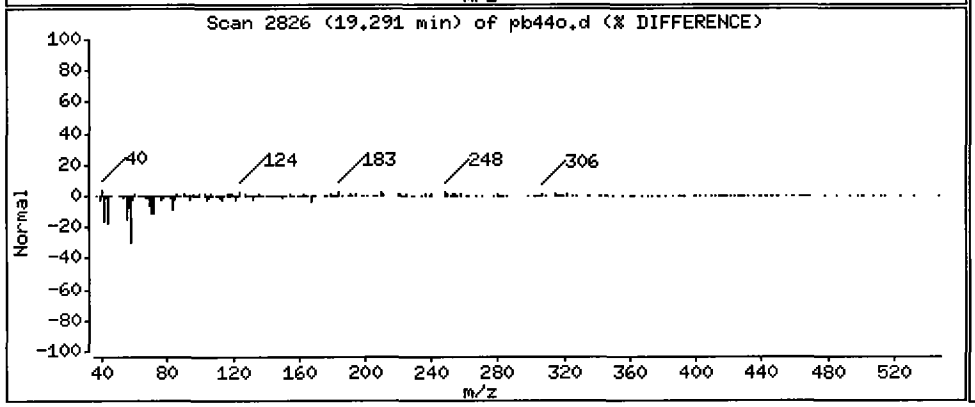
72 bis(2-Ethylhexyl)phthalate

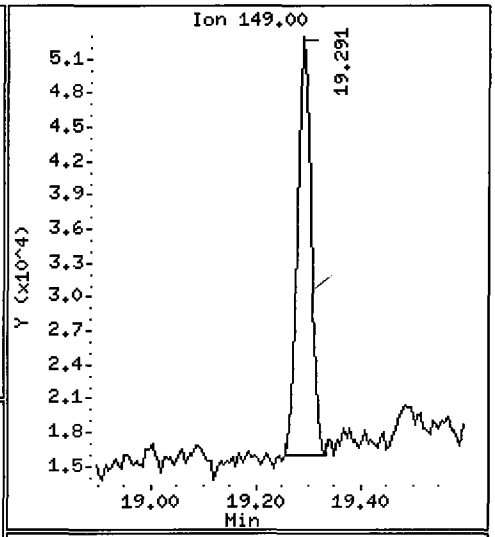
Concentration: 50.33 ug/kg

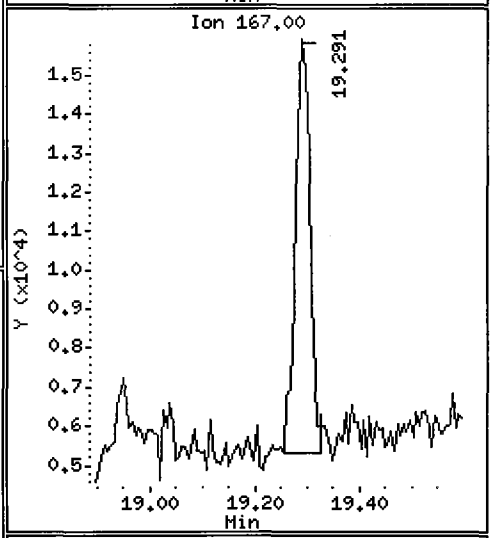


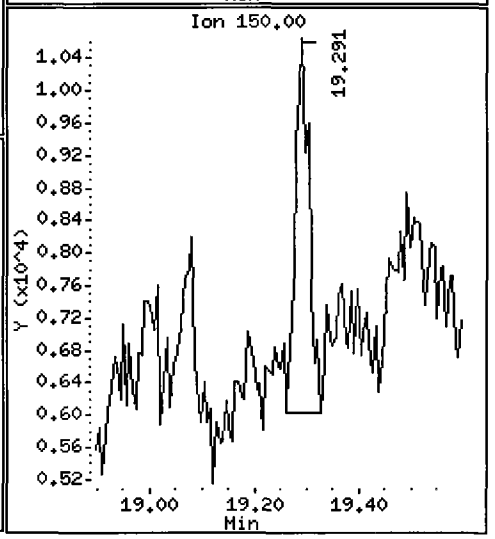












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

Operator: LJR/VTS

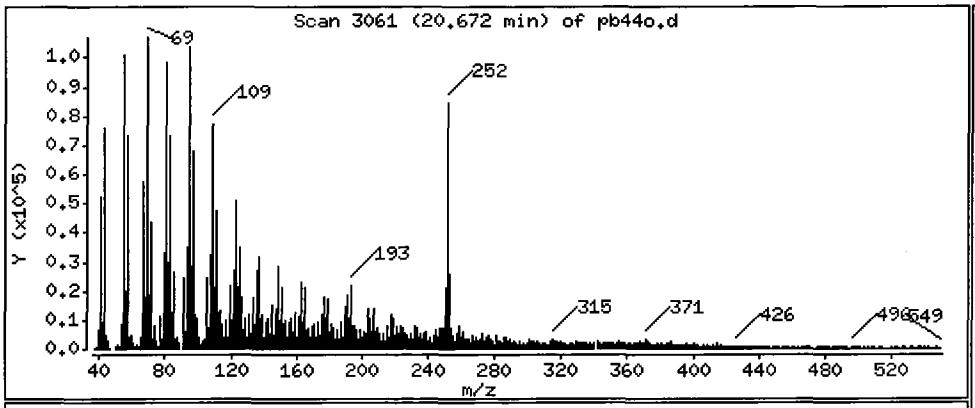
Column phase: ZB-5

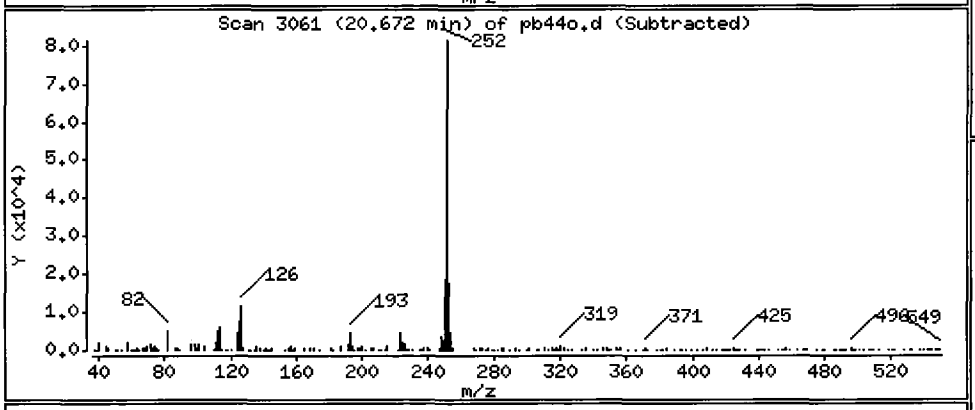
Column diameter: 0.32

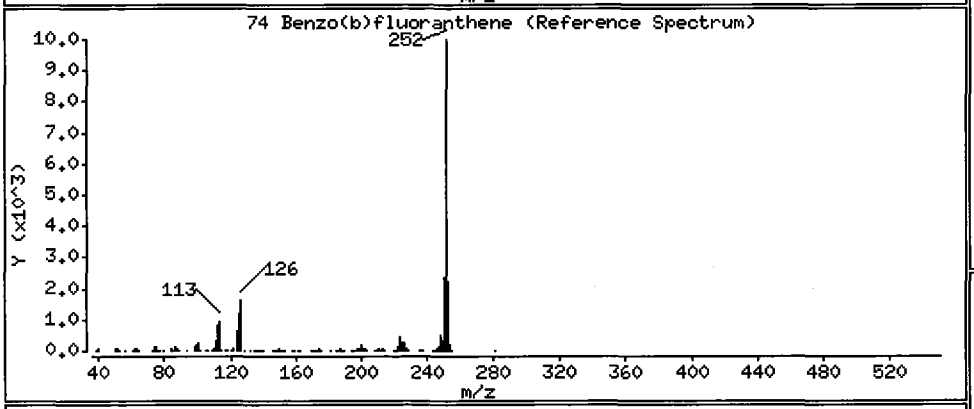
74 Benzo(b)fluoranthene

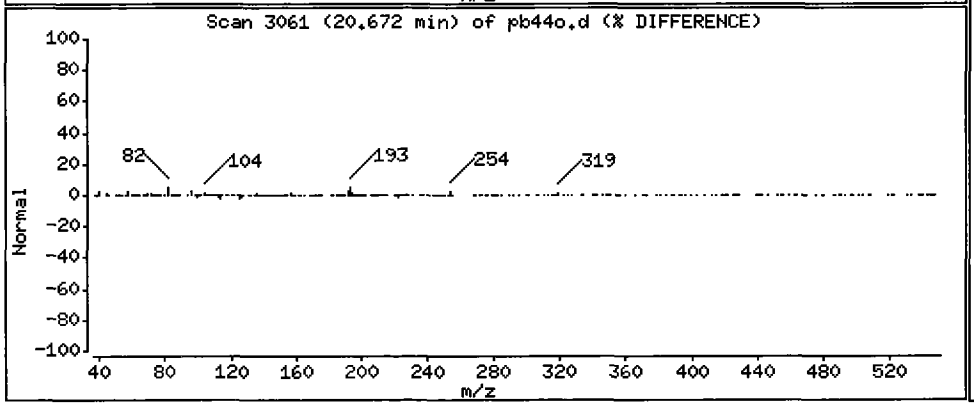
Concentration: 145.4 ug/kg

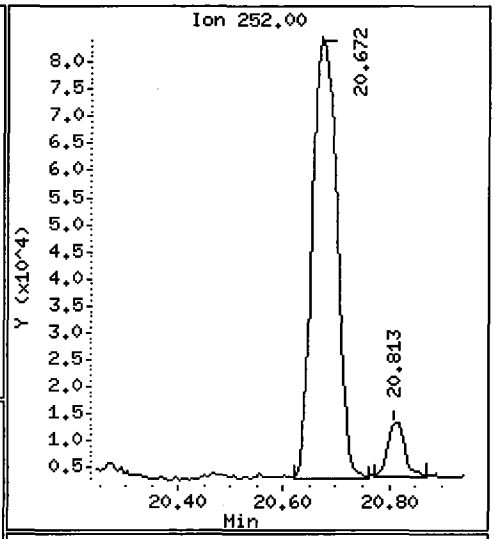
1/2

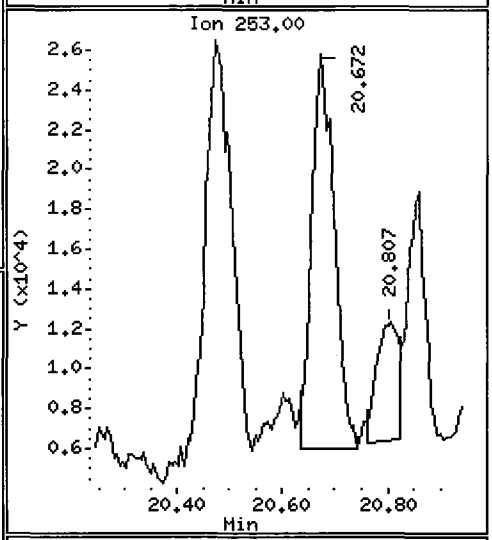


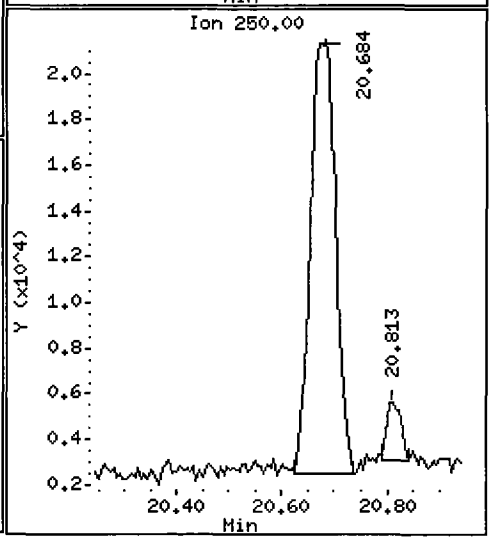












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB440

Volume Injected (uL): 1.0

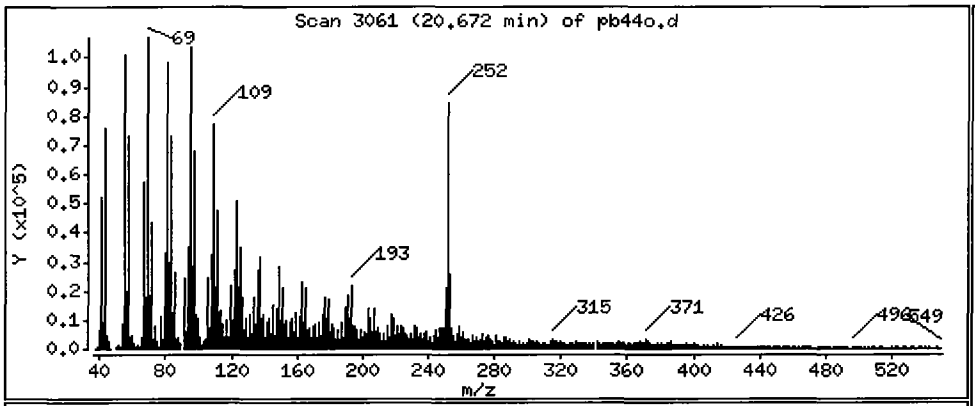
Operator: LJR/VTS

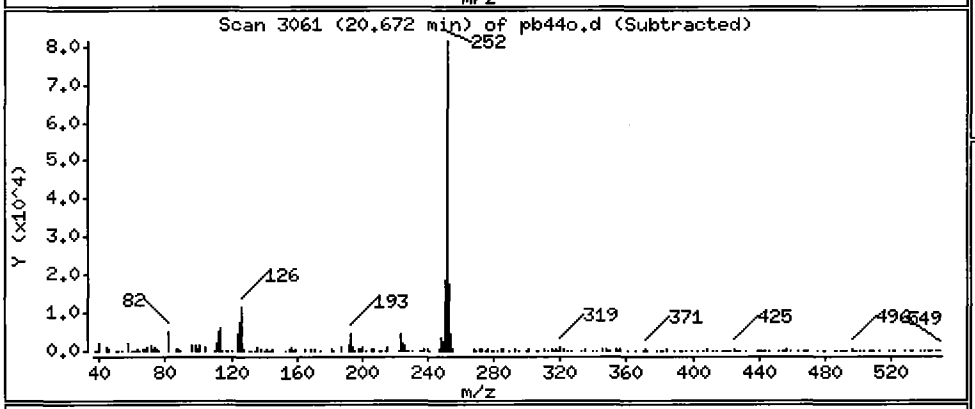
Column phase: ZB-5

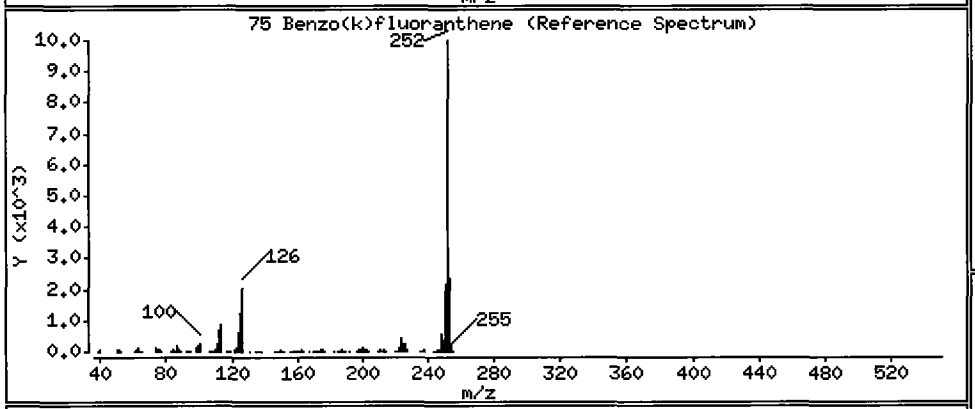
Column diameter: 0.32

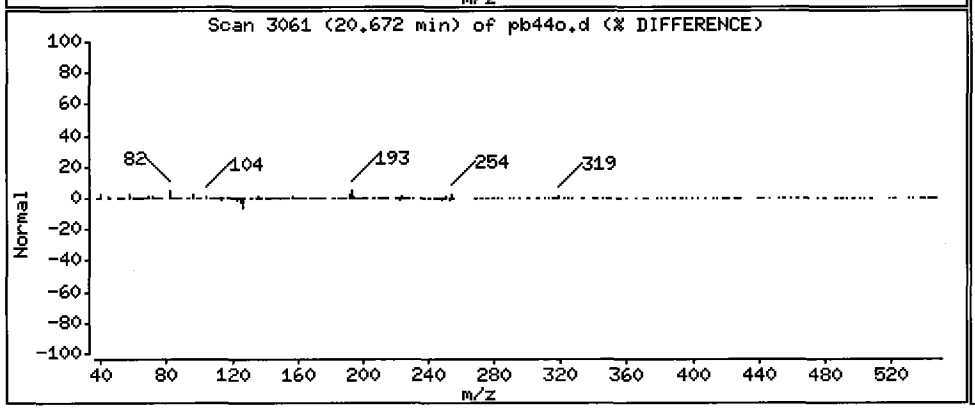
75 Benzo(k)fluoranthene

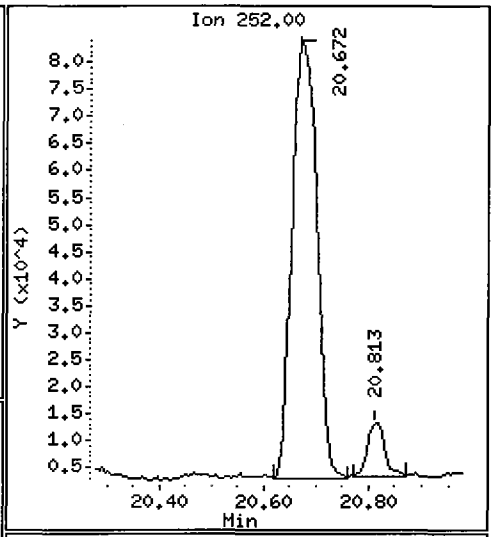
Concentration: 140.5 ug/kg

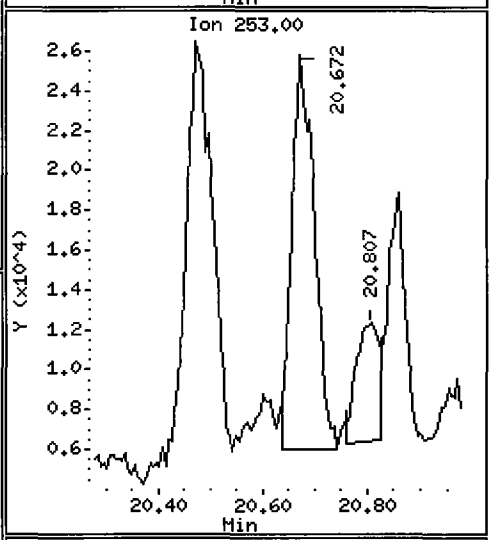


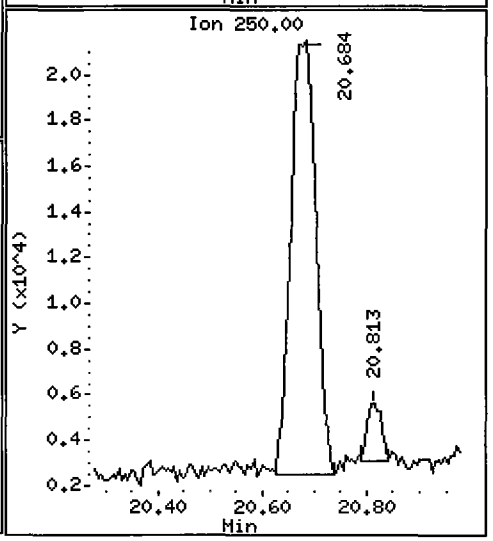












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

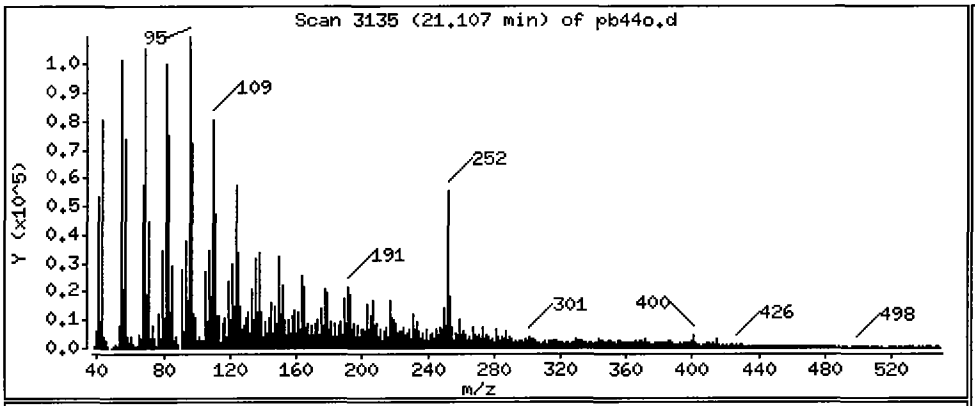
Operator: LJR/VTS

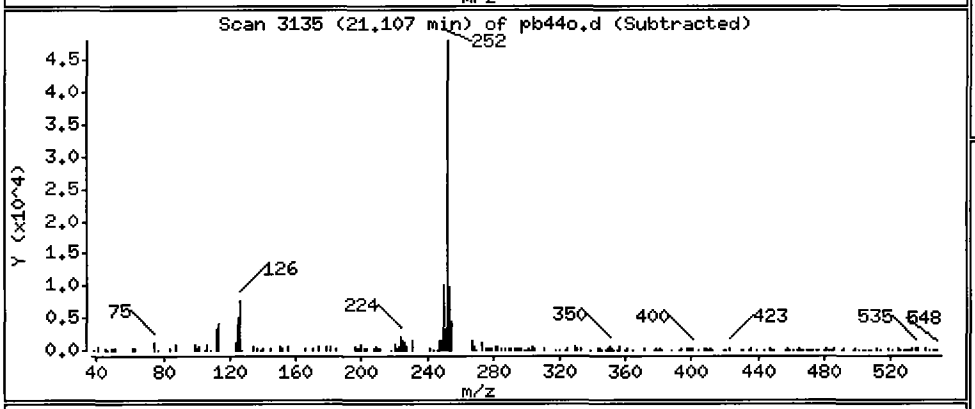
Column phase: ZB-5

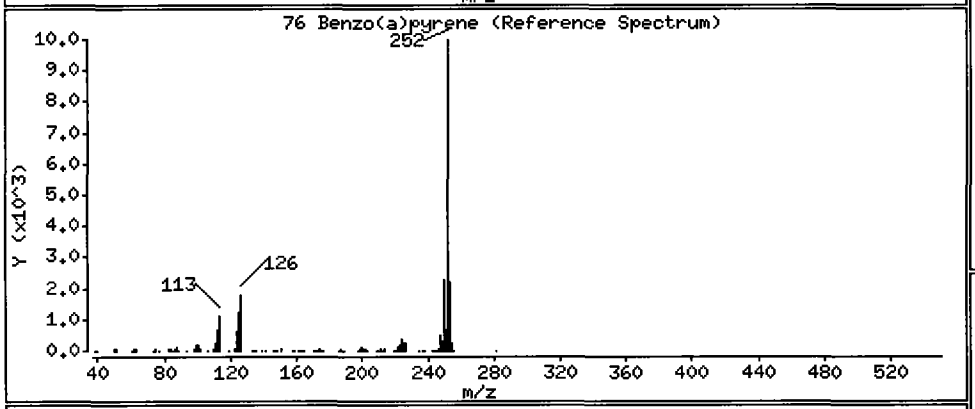
Column diameter: 0.32

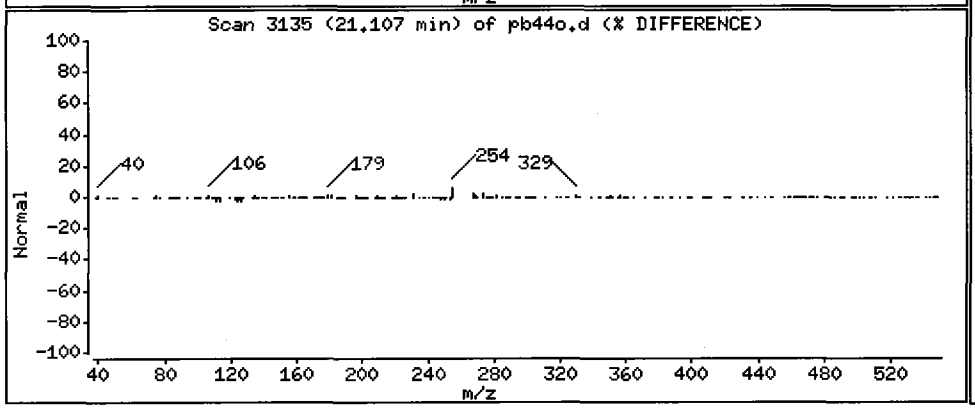
76 Benzo(a)pyrene

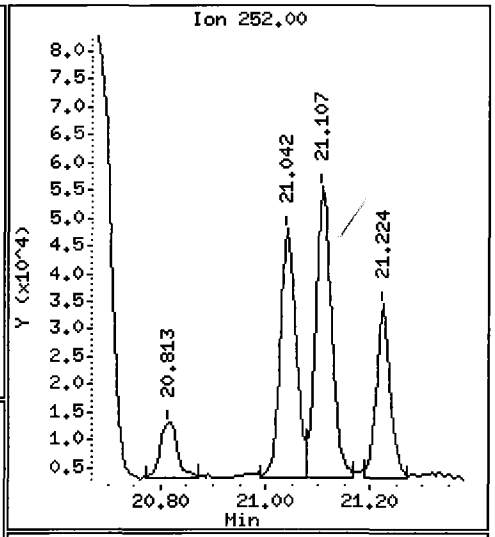
Concentration: 66.92 ug/kg

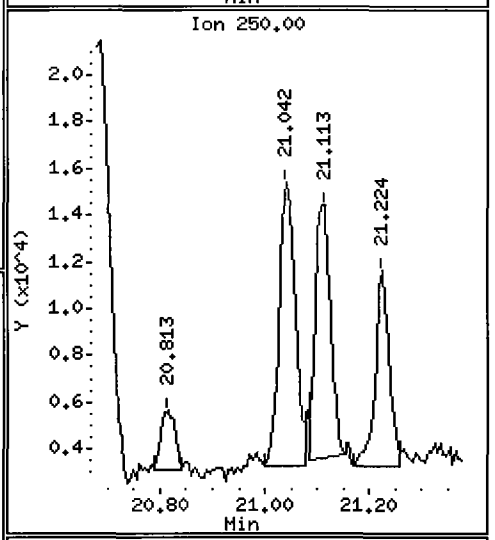


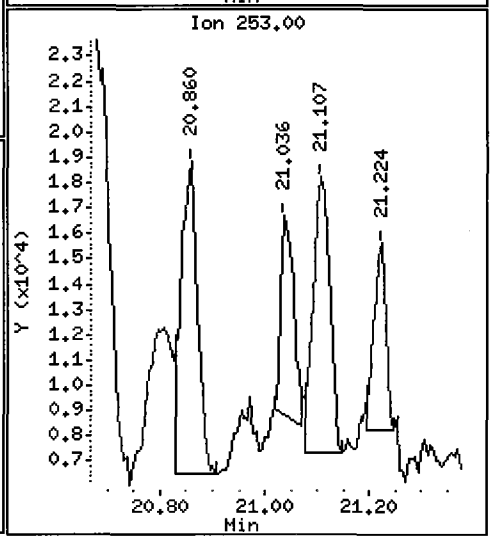












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

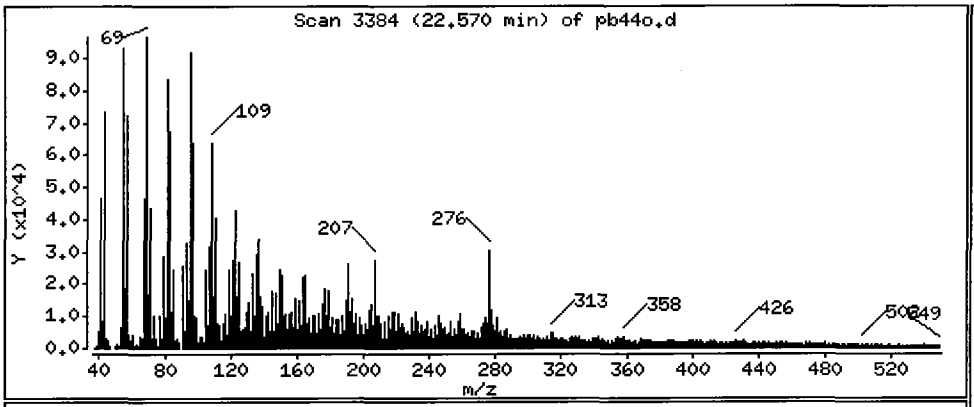
Operator: LJR/VTS

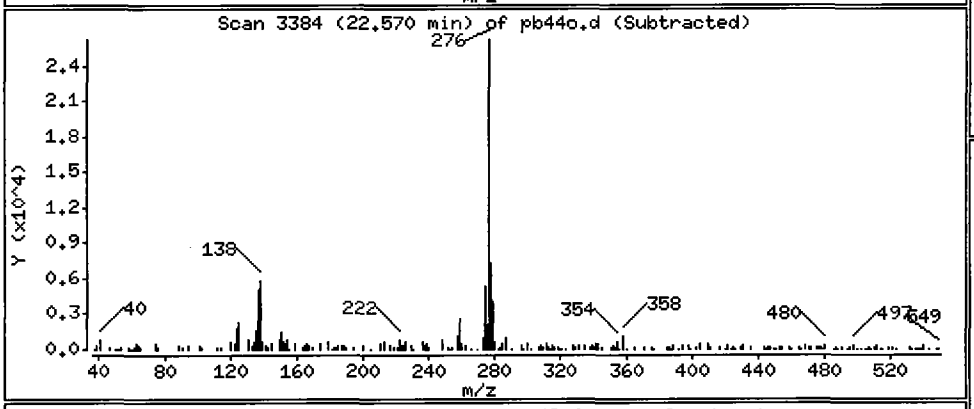
Column phase: ZB-5

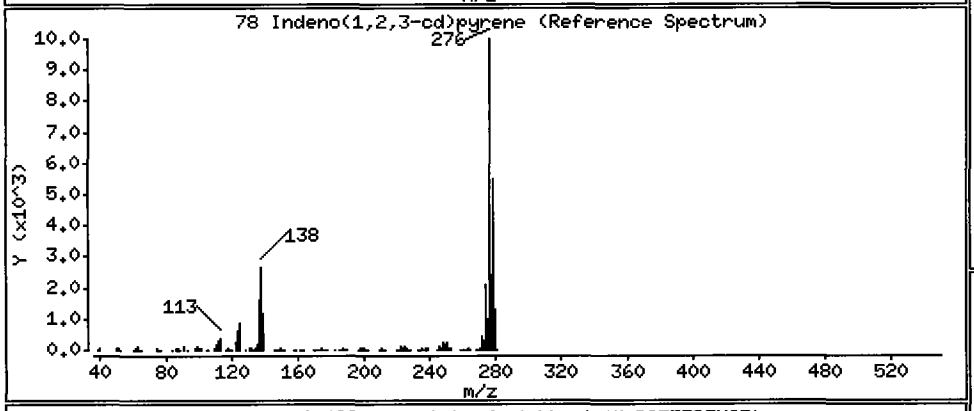
Column diameter: 0.32

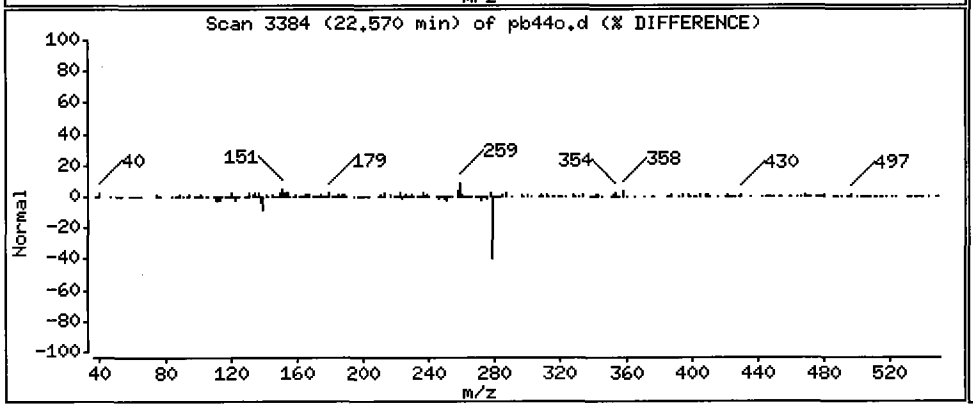
78 Indeno(1,2,3-cd)pyrene

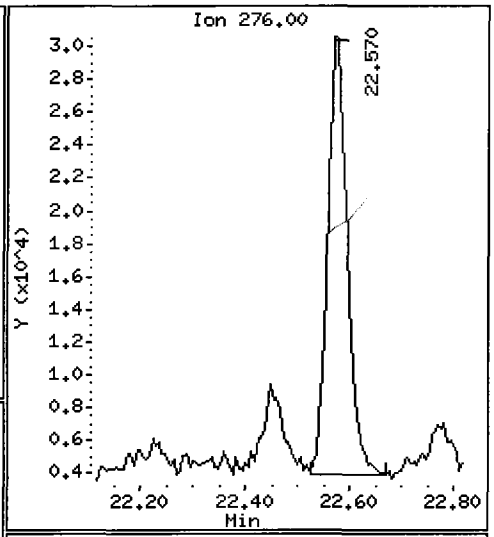
Concentration: 34.61 ug/kg

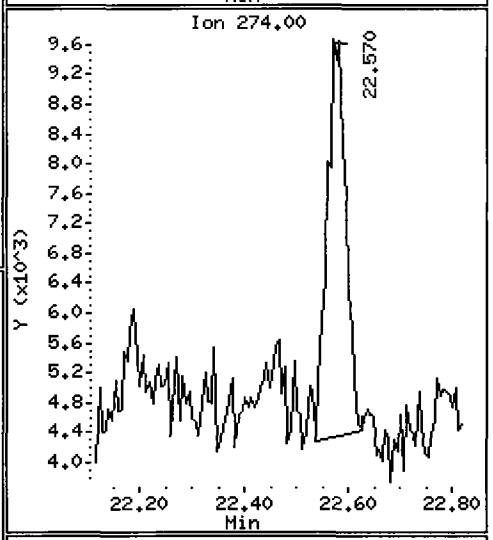


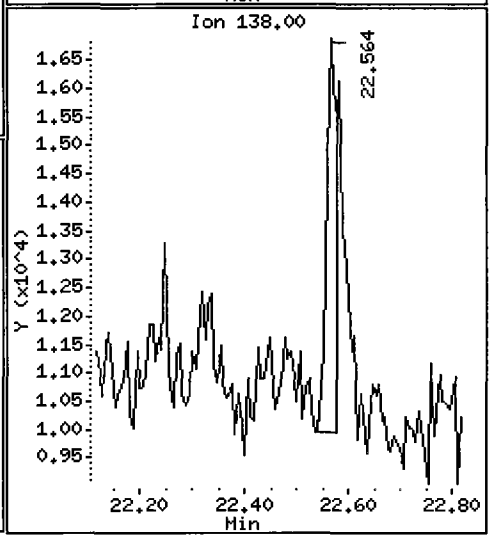












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

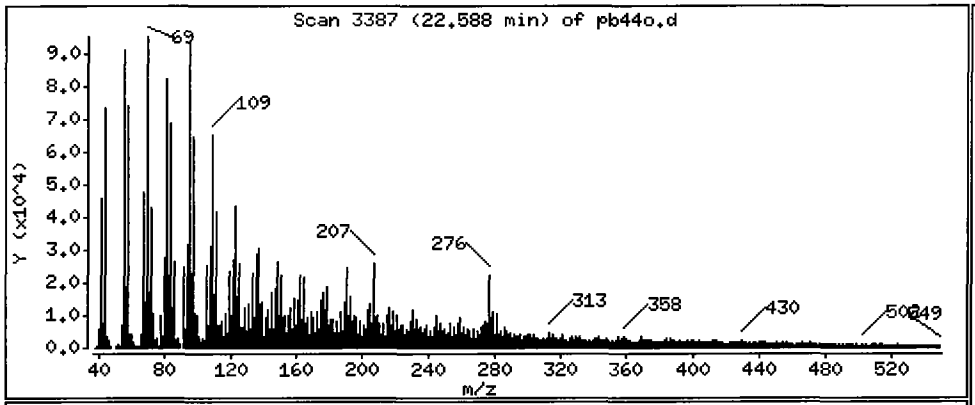
Operator: LJR/VTS

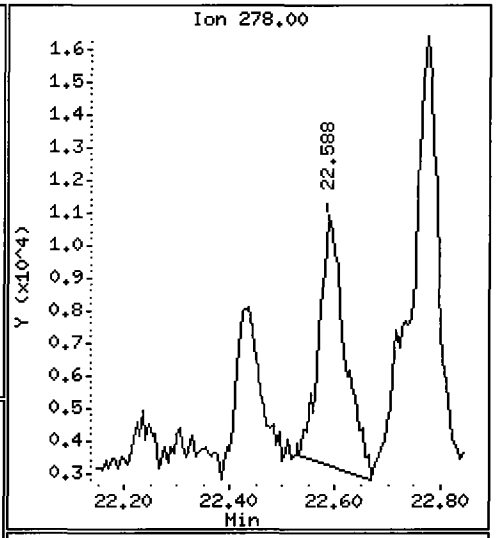
Column phase: ZB-5

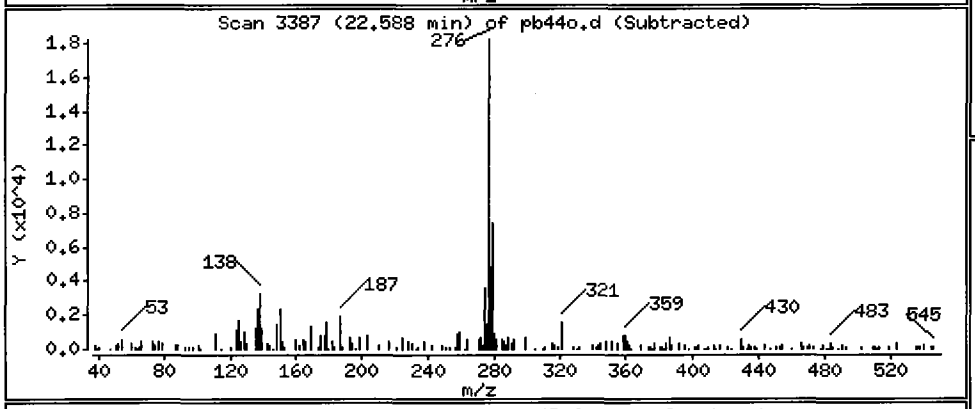
Column diameter: 0.32

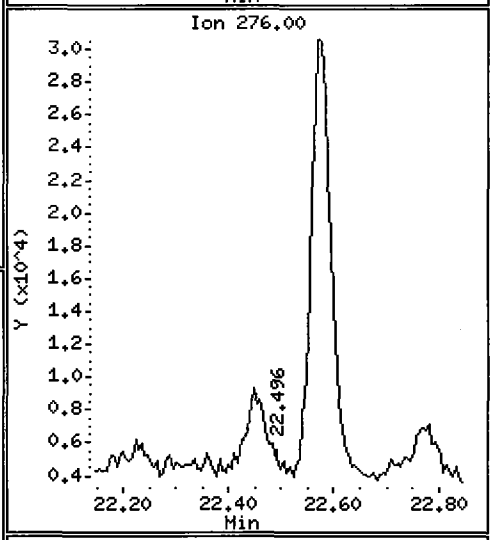
79 Dibenzo(a,h)anthracene

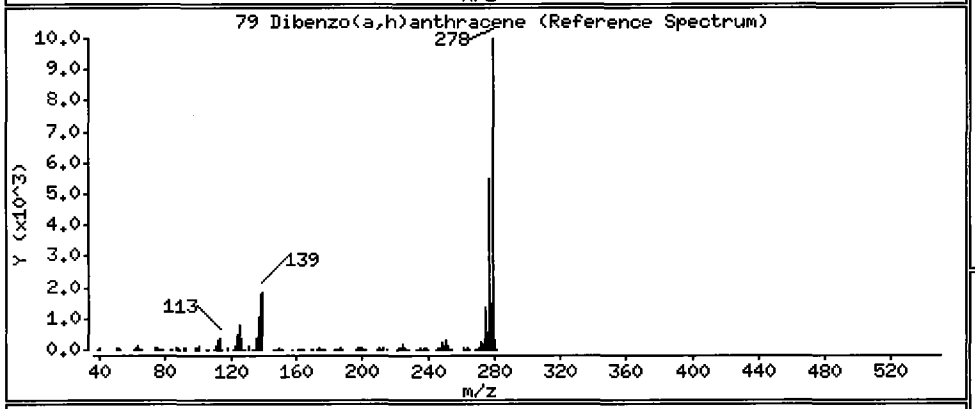
Concentration: 15.83 ug/kg

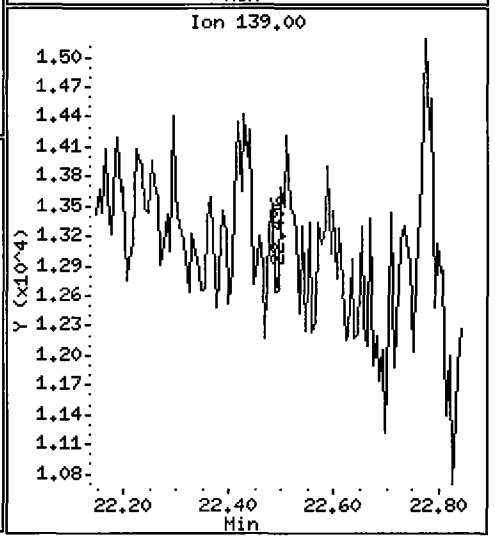


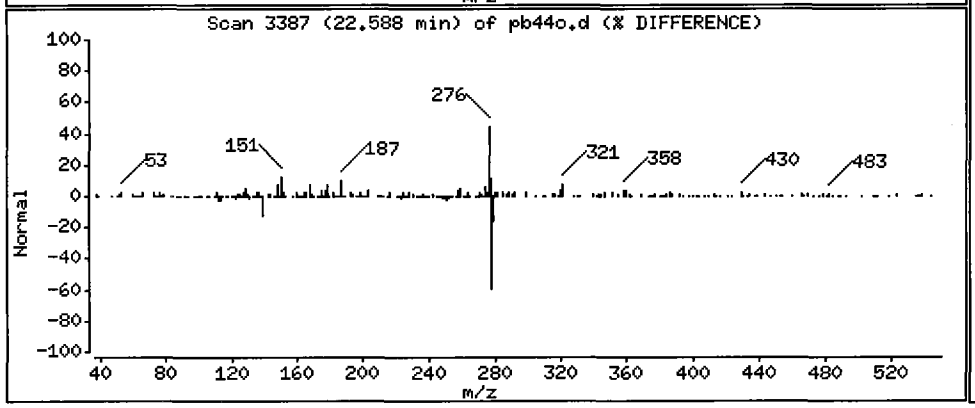












Data File: /chem3/nt4.i/20090616.b/pb44o.d

Date : 17-JUN-2009 00:03

Client ID: 3SED9-C

Instrument: nt4.i

Sample Info: PB44O

Volume Injected (uL): 1.0

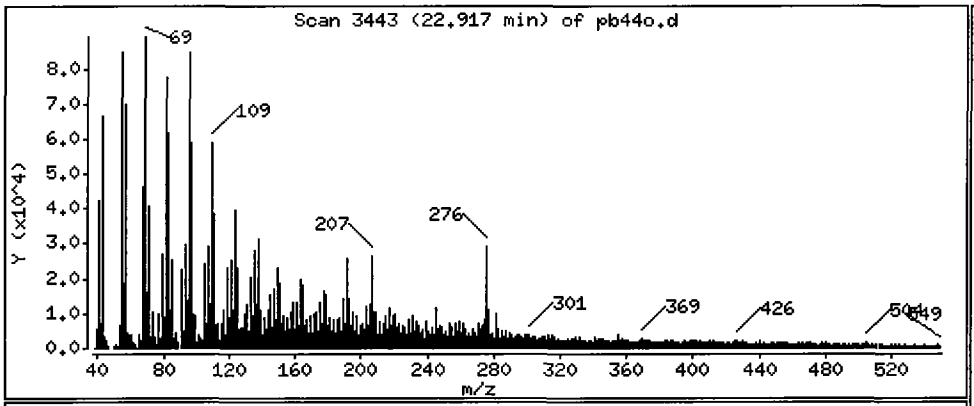
Operator: LJR/VTS

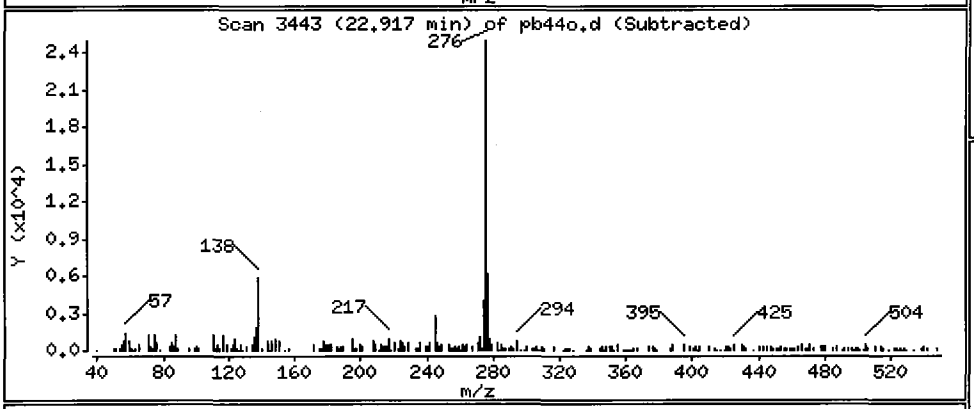
Column phase: ZB-5

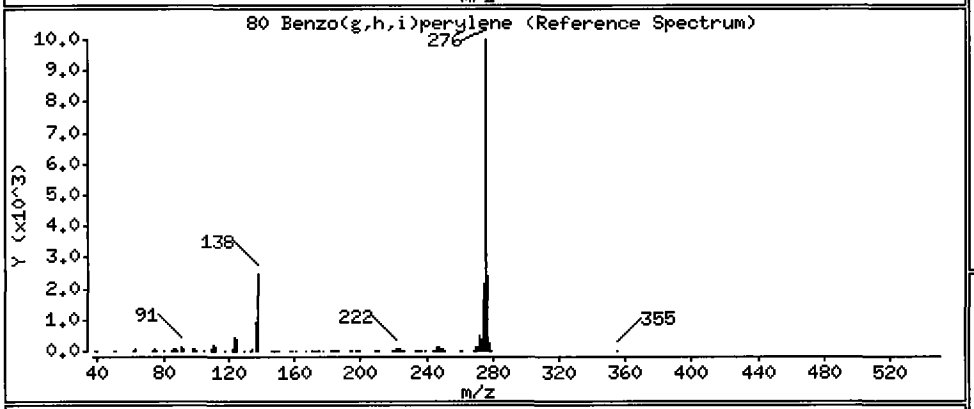
Column diameter: 0.32

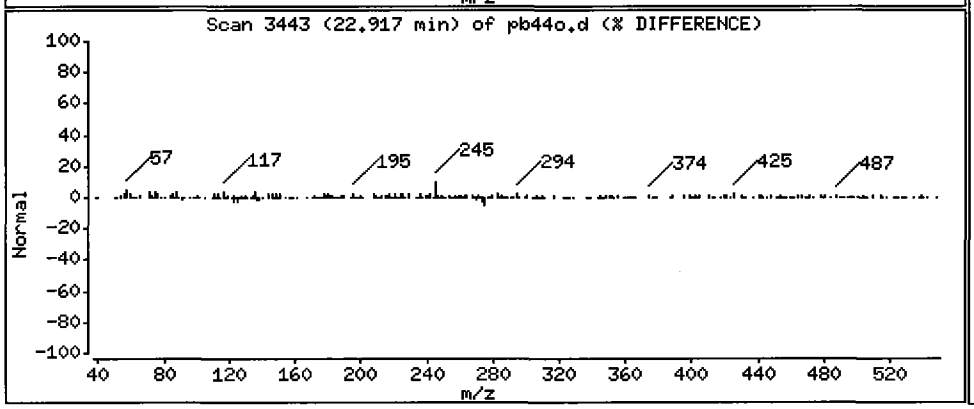
80 Benzo(g,h,i)perylene

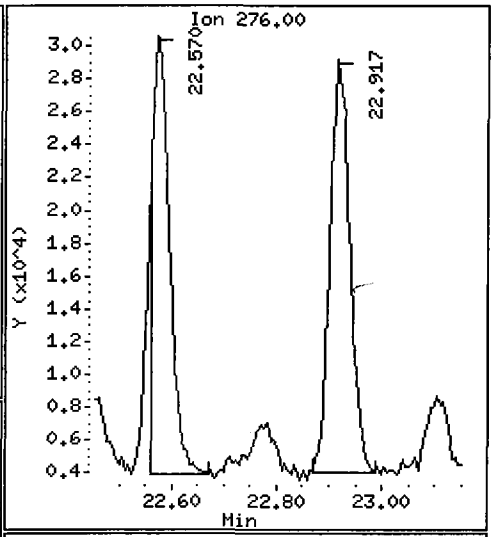
Concentration: 35.50 ug/kg

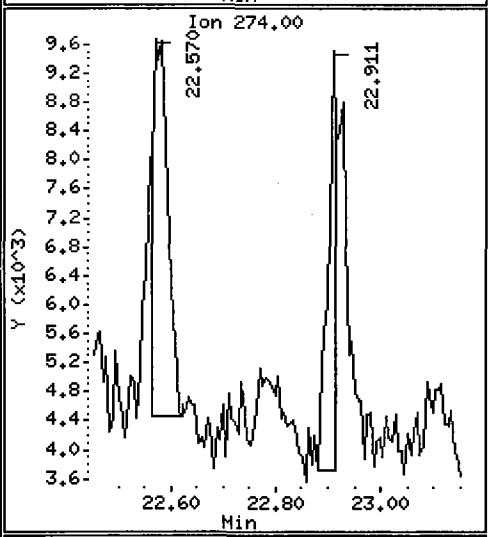


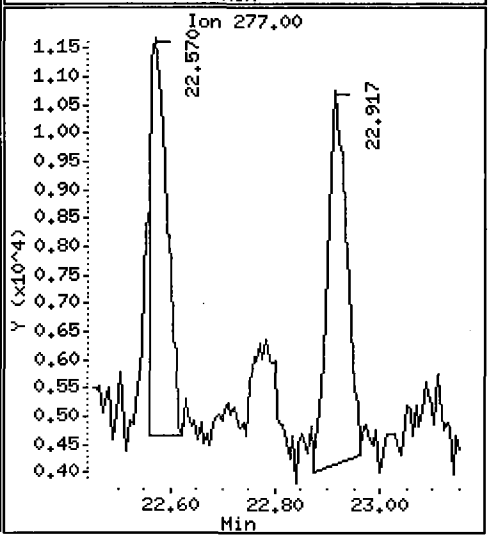












Semivolatile Analysis
Standard Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

6B

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Instrument ID: NT4 Calibration Date: 05/08/09

LAB FILE ID: RRF1 =0010508 RRF5 =0050508 RRF10 =0100508
RRF25 =0250508 RRF40 =0400508 RRF80 =C800508

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2	
Phenol	2.500	2.630	2.587	2.378	2.218	1.989	2.384	10.2	
Bis(2-Chloroethyl)ether	1.840	1.903	1.882	1.769	1.709	1.552	1.776	7.4	
2-Chlorophenol	1.472	1.538	1.553	1.475	1.412	1.373	1.470	4.8	
1,3-Dichlorobenzene	1.629	1.695	1.689	1.612	1.593	1.511	1.622	4.2	
1,4-Dichlorobenzene	1.670	1.706	1.671	1.612	1.596	1.490	1.624	4.8	
1,2-Dichlorobenzene	1.583	1.615	1.596	1.506	1.478	1.387	1.528	5.7	
Benzyl alcohol	1.109	1.196	1.208	1.137	1.107	1.045	1.134	5.4	
2,2'-oxybis(1-Chloropropane)	2.365	2.419	2.365	2.098	1.961	1.582	2.132	15.2	
2-Methylphenol	1.502	1.633	1.677	1.551	1.484	1.406	1.542	6.5	
Hexachloroethane	0.679	0.766	0.752	0.711	0.698	0.636	0.707	6.8	
N-Nitroso-di-n-propylamine	1.462	1.531	1.522	1.355	1.301	1.172	1.390	10.1	
4-Methylphenol	1.586	1.725	1.742	1.632	1.534	1.419	1.606	7.6	
Nitrobenzene	0.631	0.651	0.618	0.551	0.524	0.434	0.568	14.5	
Isophorone	1.028	1.105	1.062	0.995	0.972	0.902	1.011	7.1	
2-Nitrophenol		0.231	0.235	0.227	0.226	0.218	0.227	2.6	
2,4-Dimethylphenol	0.495	0.532	0.524	0.491	0.470	0.423	0.489	8.1	
Bis(2-Chloroethoxy)methane	0.581	0.638	0.604	0.562	0.553	0.495	0.572	8.5	
2,4-Dichlorophenol	0.316	0.339	0.339	0.329	0.318	0.304	0.324	4.3	
1,2,4-Trichlorobenzene	0.372	0.395	0.383	0.366	0.363	0.332	0.368	5.9	
Naphthalene	1.213	1.261	1.181	1.128	1.103	0.942	1.138	9.8	
Benzoic acid		0.319	0.359	0.382	0.383	0.375	0.364	7.4	
4-Chloroaniline	0.495	0.521	0.503	0.468	0.445	0.393	0.471	9.9	
Hexachlorobutadiene	0.187	0.203	0.192	0.185	0.183	0.168	0.186	6.2	
4-Chloro-3-methylphenol		0.433	0.435	0.411	0.393	0.354	0.405	8.3	
2-Methylnaphthalene	0.642	0.692	0.675	0.631	0.610	0.552	0.634	7.8	
Hexachlorocyclopentadiene		0.356	0.381	0.389	0.389	0.371	0.377	3.7	
2,4,6-Trichlorophenol		0.433	0.426	0.422	0.422	0.408	0.422	2.2	
2,4,5-Trichlorophenol		0.446	0.462	0.455	0.440	0.429	0.446	2.8	
2-Chloronaphthalene	1.322	1.393	1.316	1.251	1.240	1.081	1.267	8.4	
2-Nitroaniline		0.608	0.592	0.532	0.507	0.454	0.539	11.7	
Acenaphthylene	2.126	2.273	2.223	2.083	2.047	1.802	2.092	7.9	
Dimethylphthalate	1.413	1.534	1.483	1.401	1.411	1.304	1.424	5.5	
2,6-Dinitrotoluene		0.339	0.339	0.322	0.328	0.307	0.327	4.0	
Acenaphthene	1.276	1.386	1.331	1.257	1.256	1.126	1.272	6.9	
3-Nitroaniline		0.395	0.391	0.340	0.296	0.227	0.330	21.3	<-
2,4-Dinitrophenol		0.138	0.176	0.201	0.203	0.206	0.185	15.7	
Dibenzofuran	1.820	1.961	1.916	1.748	1.693	1.552	1.782	8.5	

<- Outside QC limits: %RSD <20% or R^2 > 0.990

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Instrument ID: NT4 Calibration Date: 05/08/09

LAB FILE ID: RRF1 =0010508 RRF5 =0050508 RRF10 =0100508
RRF25 =0250508 RRF40 =0400508 RRF80 =C800508

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	___ RRF	%RSD /R^2
4-Nitrophenol		0.252	0.259	0.255	0.266	0.225	0.251	6.2
2,4-Dinitrotoluene		0.461	0.449	0.426	0.433	0.411	0.436	4.4
Fluorene	1.408	1.545	1.500	1.390	1.384	1.195	1.404	8.6
4-Chlorophenyl-phenylether	0.683	0.726	0.700	0.653	0.645	0.578	0.664	7.7
Diethylphthalate	1.471	1.633	1.571	1.472	1.455	1.285	1.481	8.0
4-Nitroaniline		0.379	0.357	0.346	0.327	0.319	0.346	7.0
4,6-Dinitro-2-methylphenol		0.150	0.166	0.171	0.166	0.169	0.164	5.0
N-Nitrosodiphenylamine (1)	0.653	0.692	0.676	0.644	0.636	0.596	0.650	5.1
4-Bromophenyl-phenylether	0.228	0.242	0.241	0.232	0.230	0.214	0.231	4.4
Hexachlorobenzene	0.242	0.250	0.253	0.239	0.233	0.222	0.240	4.6
Pentachlorophenol		0.140	0.152	0.160	0.155	0.155	0.152	4.8
Phenanthrene	1.350	1.378	1.332	1.261	1.214	1.124	1.276	7.5
Anthracene	1.333	1.396	1.362	1.297	1.255	1.132	1.296	7.3
Carbazole	1.110	1.204	1.132	1.078	1.054	1.000	1.096	6.4
Di-n-butylphthalate	1.399	1.520	1.503	1.440	1.390	1.242	1.416	7.1
Fluoranthene	1.279	1.373	1.312	1.279	1.232	1.119	1.266	6.8
Pyrene	1.724	1.903	1.788	1.751	1.661	1.504	1.722	7.8
Butylbenzylphthalate	0.773	0.835	0.832	0.814	0.801	0.751	0.801	4.2
Benzo(a)anthracene	1.422	1.482	1.426	1.381	1.333	1.240	1.381	6.1
3,3'-Dichlorobenzidine		0.554	0.523	0.463	0.421	0.374	0.467	15.7
Chrysene	1.388	1.479	1.408	1.334	1.295	1.197	1.350	7.3
bis(2-Ethylhexyl)phthalate	0.633	0.696	0.670	0.647	0.640	0.596	0.647	5.2
Di-n-octylphthalate	1.142	1.162	1.138	1.074	1.064	0.984	1.094	6.1
Benzo(b)fluoranthene	1.376	1.538	1.430	1.388	1.341	1.311	1.397	5.7
Benzo(k)fluoranthene	1.531	1.522	1.550	1.364	1.398	1.311	1.446	7.0
Benzo(a)pyrene	1.213	1.351	1.323	1.234	1.241	1.132	1.249	6.3
Indeno(1,2,3-cd)pyrene	1.514	1.664	1.586	1.545	1.569	1.534	1.569	3.4
Dibenzo(a,h)anthracene	1.203	1.326	1.314	1.273	1.312	1.245	1.279	3.7
Benzo(g,h,i)perylene	1.390	1.489	1.442	1.389	1.414	1.381	1.418	2.9
N-Nitrosodimethylamine		1.208	1.222	1.149	1.126	1.072	1.155	5.3
Aniline		3.127	3.014	2.714	2.518	2.291	2.733	12.6
Benzidine		0.897	0.678	0.638	0.563	0.500	0.655	0.995
Pyridine		1.993	2.017	1.895	1.816	1.746	1.893	6.1
1-methylnaphthalene	0.618	0.654	0.633	0.603	0.594	0.532	0.606	7.0
Azobenzene (1,2-DP-Hydrazine	2.056	2.200	2.112	1.897	1.813	1.502	1.930	13.1
2-Fluorophenol		1.592	1.616	1.541	1.480	1.433	1.532	5.0

(1) Cannot be seperated from Diphenylamine

<- Outside QC limits: %RSD <20% or R^2 > 0.990

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Instrument ID: NT4 Calibration Date: 05/08/09

LAB FILE ID: RRF1 =0010508 RRF5 =0050508 RRF10 =0100508
RRF25 =0250508 RRF40 =0400508 RRF80 =C800508

COMPOUND	RRF 1	RRF 5	RRF 10	RRF 25	RRF 40	RRF 80	$\overline{RRF}$	%RSD /R^2
Phenol-d5	2.089	2.224	2.311	2.113	1.982	1.801	2.087	8.6
2-Chlorophenol-d4		1.348	1.384	1.275	1.229	1.208	1.289	5.9
1,2-Dichlorobenzene-d4	0.944	0.991	1.002	0.932	0.908	0.868	0.941	5.4
Nitrobenzene-d5		0.632	0.626	0.565	0.538	0.476	0.567	11.5
2-Fluorobiphenyl		1.641	1.650	1.497	1.448	1.344	1.516	8.6
2,4,6-Tribromophenol		0.183	0.194	0.183	0.185	0.178	0.185	3.1
Terphenyl-d14		1.087	1.098	1.035	0.986	0.932	1.028	6.8

<- Outside QC limits: %RSD <20% or R^2 > 0.990

FORM VI SV-3

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-MAY-2009 11:56
End Cal Date : 08-MAY-2009 15:22
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20090511.b/SW846.m
Cal Date : 11-May-2009 11:26 jeff
Curve Type : Average

Calibration File Names:
Level 1: /chem3/nt4.i/20090508.b/0010508.d
Level 2: /chem3/nt4.i/20090508.b/0050508.d
Level 3: /chem3/nt4.i/20090508.b/0100508.d
Level 4: /chem3/nt4.i/20090508.b/0250508.d
Level 5: /chem3/nt4.i/20090508.b/0400508.d
Level 6: /chem3/nt4.i/20090508.b/c800508.d

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
186 Carbaryl	0.59370	0.70383	0.72312	0.70442	0.67657	0.51018	0.65197	12.761	
179 n-Decane	1.94119	2.06036	1.99087	1.75570	1.61297	1.37396	1.78918	14.615	
180 n-Octadecane	0.70694	0.76505	0.74131	0.65732	0.59452	0.48098	0.65769	16.115	
169 4-tert-Butylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
170 N,N-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
171 2,3-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
172 2,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
173 2,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
174 2,6-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
175 3,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
176 3,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
177 p-Benzoquinone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
168 Pentachlorobenzene	0.48603	0.51553	0.49391	0.46233	0.46598	0.42492	0.47478	6.575	
145 4,4'-DDE	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
146 4,4'-DDD	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
147 4,4'-DDT	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
148 Dieldrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
149 TCMX	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
150 DCBP	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-MAY-2009 11:56
End Cal Date : 08-MAY-2009 15:22
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20090511.b/SW846.m
Cal Date : 11-May-2009 11:26 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
133 Butylatedhydroxytoluene	1.07937	1.09196	1.11081	1.02892	0.98970	0.84758	1.02472	9.516	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
144 alpha-Terpineol	0.34425	0.35551	0.35097	0.30216	0.28039	0.23045	0.31062	15.894	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
123 Acetophenone	2.25717	2.37498	2.33972	2.21030	2.13288	1.98314	2.21637	6.490	
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
143 1,4-Dioxane	0.71441	0.73527	0.74021	0.70011	0.70374	0.66576	0.70992	3.813	
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
178 2-Benzyl-4-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
118 Triphenyl Phosphate	0.24826	0.24849	0.25332	0.25344	0.24402	0.23564	0.24720	2.701	
117 Butyl Diphenyl Phosphate	0.39474	0.44104	0.42869	0.40383	0.37826	0.31814	0.39412	11.069	
116 Dibutyl Phenyl Phosphate	0.62409	0.70577	0.71598	0.68624	0.66742	0.62128	0.67013	6.023	
115 Tributyl Phosphate	1.23593	1.37430	1.34966	1.23896	1.17612	1.03648	1.23524	9.945	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
113 Diphenyl Oxide	+++++	0.94978	0.91926	0.85458	0.85439	0.80989	0.87758	6.395	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

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Quant Method : ISTD
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Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20090511.b/SW846.m
Cal Date : 11-May-2009 11:26 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
112 Biphenyl	+++++	1.97319	1.90349	1.74506	1.67111	1.38871	1.73631	13.172	
111 Azobenzene (1,2-DP-Hydrazine)	2.05576	2.19980	2.11214	1.89699	1.81287	1.50258	1.93002	13.093	
110 Tetrachloroguaiacol	0.11948	0.13533	0.13319	0.12802	0.12225	0.11585	0.12569	6.181	
109 3,4,5-Trichloroguaiacol	0.13934	0.16527	0.16250	0.15609	0.15170	0.14339	0.15305	6.733	
181 3,4,6-Trichloroguaiacol	0.38037	0.41951	0.43360	0.41849	0.40635	0.39165	0.40833	4.812	
108 4,5,6-Trichloroguaiacol	0.19029	0.21428	0.22437	0.22038	0.21627	0.20553	0.21185	5.820	
184 3,4-Dichloroguaiacol	0.43889	0.46946	0.47584	0.46622	0.44541	0.43885	0.45578	3.642	
107 4,5-Dichloroguaiacol	0.35522	0.38939	0.36397	0.37510	0.37125	0.36711	0.37034	3.117	
182 4,6-Dichloroguaiacol	0.47511	0.53247	0.57386	0.51446	0.48833	0.46238	0.50777	8.134	
185 4-Chloroguaiacol	0.74816	0.78557	0.79524	0.75878	0.74518	0.71202	0.75749	3.970	
106 Guaiacol	1.05496	1.13344	1.11944	1.05499	1.00298	0.94000	1.05097	6.880	
105 1-methylnaphthalene	0.61806	0.65436	0.63347	0.60320	0.59359	0.53166	0.60573	6.975	
151 1,2,4,5-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
152 Benzo(e)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
153 Chlorpyrifos	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
154 Diazinon	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
155 Kelthane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
156 Methyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
157 Ethyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
158 Ethion	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
159 4-Nonylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
160 Tetraethyl Tin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
161 1,2,3-Trichloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
162 1,2,3,4-Tetrachloronapthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
163 1,2,3,5,8-Pentachloronaphthal	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
164 1,2,3,4,6,7-Hexachloronaphtha	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
165 1,2,3,4,5,6,7-Heptachloronaph	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
166 Octachloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
167 2,2',4,4',5-Pentabromobipheny	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-MAY-2009 11:56
End Cal Date : 08-MAY-2009 15:22
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20090511.b/SW846.m
Cal Date : 11-May-2009 11:26 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD
3 Phenol	2.50009	2.63027	2.58662	2.37826	2.21829	1.98924	2.38379	10.250
4 Bis(2-Chloroethyl)ether	1.83965	1.90273	1.88159	1.76867	1.70937	1.55252	1.77575	7.372
6 2-Chlorophenol	1.47238	1.53813	1.55342	1.47480	1.41185	1.37283	1.47057	4.755
7 1,3-Dichlorobenzene	1.62944	1.69472	1.68866	1.61201	1.59295	1.51119	1.62149	4.184
9 1,4-Dichlorobenzene	1.67030	1.70587	1.67135	1.61253	1.59598	1.49007	1.62435	4.764
11 Benzyl alcohol	1.10882	1.19554	1.20857	1.13744	1.10670	1.04542	1.13375	5.378
12 1,2-Dichlorobenzene	1.58269	1.61541	1.59563	1.50603	1.47835	1.38688	1.52750	5.712
13 2-Methylphenol	1.50199	1.63345	1.67734	1.55134	1.48419	1.40602	1.54239	6.496
14 2,2'-oxybis(1-Chloropropane)	2.36480	2.41877	2.36531	2.09784	1.96091	1.58185	2.13158	15.187
15 4-Methylphenol	1.58579	1.72535	1.74210	1.63215	1.53400	1.41888	1.60638	7.576
16 N-Nitroso-di-n-propylamine	1.46226	1.53136	1.52256	1.35507	1.30108	1.17260	1.39082	10.125
17 Hexachloroethane	0.67892	0.76584	0.75216	0.71119	0.69800	0.63618	0.70705	6.755
19 Nitrobenzene	0.63124	0.65096	0.61826	0.55120	0.52367	0.43355	0.56815	14.457
20 Isophorone	1.02823	1.10545	1.06207	0.99545	0.97159	0.90228	1.01084	7.057
21 2-Nitrophenol	+++++	0.23078	0.23466	0.22715	0.22642	0.21859	0.22752	2.625
22 2,4-Dimethylphenol	0.49515	0.53178	0.52415	0.49137	0.47025	0.42313	0.48930	8.072
23 Bis(2-Chloroethoxy)methane	0.58069	0.63760	0.60358	0.56175	0.55298	0.49476	0.57189	8.498
24 Benzoic acid	+++++	0.31874	0.35896	0.38243	0.38318	0.37513	0.36369	7.410
25 2,4-Dichlorophenol	0.31559	0.33930	0.33876	0.32938	0.31759	0.30435	0.32416	4.316
26 1,2,4-Trichlorobenzene	0.37250	0.39531	0.38348	0.36587	0.36304	0.33176	0.36866	5.875
28 Naphthalene	1.21335	1.26082	1.18102	1.12851	1.10323	0.94245	1.13823	9.795
29 4-Chloroaniline	0.49521	0.52113	0.50279	0.46794	0.44529	0.39277	0.47085	9.916
30 Hexachlorobutadiene	0.18747	0.20340	0.19230	0.18467	0.18280	0.16828	0.18649	6.203
31 4-Chloro-3-methylphenol	+++++	0.43333	0.43519	0.41099	0.39341	0.35379	0.40534	8.280
32 2-Methylnaphthalene	0.64242	0.69205	0.67508	0.63069	0.61023	0.55232	0.63380	7.850
33 Hexachlorocyclopentadiene	+++++	0.35560	0.38061	0.38874	0.38875	0.37106	0.37695	3.710
34 2,4,6-Trichlorophenol	+++++	0.43337	0.42564	0.42186	0.42177	0.40812	0.42215	2.168
35 2,4,5-Trichlorophenol	+++++	0.44574	0.46154	0.45460	0.43963	0.42899	0.44610	2.848
37 2-Chloronaphthalene	1.32205	1.39331	1.31623	1.25147	1.23972	1.08139	1.26736	8.413

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

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End Cal Date : 08-MAY-2009 15:22
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20090511.b/SW846.m
Cal Date : 11-May-2009 11:26 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
38 2-Nitroaniline	+++++	0.60796	0.59190	0.53224	0.50724	0.45407	0.53868	11.675	
39 Dimethylphthalate	1.41345	1.53369	1.48285	1.40134	1.41107	1.30368	1.42435	5.507	
40 Acenaphthylene	2.12591	2.27277	2.22332	2.08325	2.04682	1.80208	2.09236	7.918	
41 2,6-Dinitrotoluene	+++++	0.33873	0.33897	0.32249	0.32799	0.30741	0.32712	4.003	
43 3-Nitroaniline	+++++	0.39516	0.39072	0.34009	0.29644	0.22737	0.32995	21.266	<-
44 Acenaphthene	1.27618	1.38568	1.33116	1.25742	1.25604	1.12608	1.27209	6.871	
45 2,4-Dinitrophenol	+++++	0.13759	0.17658	0.20082	0.20329	0.20635	0.18493	15.671	
46 Dibenzofuran	1.81955	1.96135	1.91616	1.74841	1.69300	1.55230	1.78179	8.452	
47 4-Nitrophenol	+++++	0.25200	0.25862	0.25503	0.26611	0.22501	0.25135	6.223	
48 2,4-Dinitrotoluene	+++++	0.46070	0.44927	0.42653	0.43321	0.41137	0.43622	4.425	
49 Fluorene	1.40778	1.54474	1.50055	1.39000	1.38435	1.19539	1.40380	8.622	
50 Diethylphthalate	1.47068	1.63266	1.57126	1.47230	1.45471	1.28514	1.48112	8.010	
51 4-Chlorophenyl-phenylether	0.68340	0.72565	0.69974	0.65332	0.64488	0.57856	0.66426	7.745	
52 4-Nitroaniline	+++++	0.37950	0.35697	0.34559	0.32742	0.31909	0.34571	6.953	
53 4,6-Dinitro-2-methylphenol	+++++	0.14999	0.16631	0.17080	0.16569	0.16899	0.16436	5.046	
54 N-Nitrosodiphenylamine	0.65304	0.69169	0.67624	0.64396	0.63580	0.59658	0.64955	5.118	
56 4-Bromophenyl-phenylether	0.22774	0.24205	0.24079	0.23177	0.22962	0.21408	0.23101	4.403	
57 Hexachlorobenzene	0.24243	0.24963	0.25273	0.23889	0.23283	0.22260	0.23985	4.628	
58 Pentachlorophenol	+++++	0.14047	0.15252	0.15982	0.15498	0.15498	0.15255	4.756	
60 Phenanthrene	1.34969	1.37763	1.33151	1.26089	1.21429	1.12450	1.27642	7.500	
61 Anthracene	1.33333	1.39562	1.36172	1.29706	1.25464	1.13170	1.29568	7.268	
62 Carbazole	1.11051	1.20354	1.13249	1.07850	1.05367	0.99982	1.09642	6.378	
63 Di-n-butylphthalate	1.39922	1.52042	1.50272	1.44032	1.39012	1.24259	1.41590	7.065	
64 Fluoranthene	1.27921	1.37302	1.31173	1.27947	1.23204	1.11889	1.26573	6.768	
65 Pyrene	1.72410	1.90327	1.78789	1.75072	1.66149	1.50406	1.72192	7.756	
67 Butylbenzylphthalate	0.77320	0.83532	0.83229	0.81372	0.80071	0.75061	0.80097	4.190	
68 Benzo(a)anthracene	1.42161	1.48180	1.42588	1.38117	1.33281	1.24010	1.38056	6.146	
70 3,3'-Dichlorobenzidine	+++++	0.55380	0.52342	0.46344	0.42079	0.37397	0.46709	15.704	
71 Chrysene	1.38769	1.47874	1.40770	1.33355	1.29546	1.19725	1.35006	7.250	

Analytical Resources, Inc.

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Integrator : HP RTE
Method file : /chem3/nt4.i/20090511.b/SW846.m
Cal Date : 11-May-2009 11:26 jeff
Curve Type : Average

	Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	RRF	% RSD	
72	bis(2-Ethylhexyl)phthalate	0.63310	0.69554	0.66950	0.64683	0.64024	0.59580	0.64684	5.230	
73	Di-n-octylphthalate	1.14217	1.16234	1.13751	1.07422	1.06403	0.98410	1.09406	6.097	
74	Benzo(b)fluoranthene	1.37605	1.53775	1.43053	1.38845	1.34079	1.31145	1.39750	5.718	
75	Benzo(k)fluoranthene	1.53071	1.52239	1.54988	1.36437	1.39834	1.16367	1.42156	10.380	
76	Benzo(a)pyrene	1.21309	1.35127	1.32304	1.23403	1.24134	1.13222	1.24916	6.319	
78	Indeno(1,2,3-cd)pyrene	1.51390	1.66368	1.58629	1.54470	1.56917	1.53412	1.56865	3.386	
79	Dibenzo(a,h)anthracene	1.20307	1.32561	1.31439	1.27339	1.31203	1.24497	1.27891	3.745	
80	Benzo(g,h,i)perylene	1.38981	1.48862	1.44251	1.38895	1.41447	1.38078	1.41752	2.930	
90	N-Nitrosodimethylamine	+++++	1.20848	1.22252	1.14866	1.12656	1.07150	1.15554	5.341	
91	Aniline	+++++	3.12698	3.01420	2.71456	2.51775	2.29084	2.73287	12.629	
92	1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
93	Benzidine	+++++	0.89729	0.67754	0.63789	0.56340	0.50020	0.65526	23.127	<- LIN
96	p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
97	Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
98	Retene	0.51521	0.54162	0.55121	0.54407	0.52346	0.49930	0.52915	3.763	
99	Perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
100	3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
101	Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
102	beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
103	Pyridine	+++++	1.99292	2.01680	1.89492	1.81633	1.74622	1.89344	6.064	
$ 1	2-Fluorophenol	+++++	1.59193	1.61600	1.54146	1.47987	1.43265	1.53238	4.983	
$ 137	d8-1,4-Dioxane	+++++	0.67664	0.68127	0.64622	0.65780	0.63960	0.66031	2.771	
$ 2	Phenol-d5	2.08896	2.22438	2.31139	2.11268	1.98152	1.80102	2.08666	8.648	
$ 5	2-Chlorophenol-d4	+++++	1.34821	1.38387	1.27461	1.22887	1.20806	1.28873	5.869	
$ 10	1,2-Dichlorobenzene-d4	0.94454	0.99136	1.00193	0.93156	0.90782	0.86806	0.94088	5.372	
$ 18	Nitrobenzene-d5	+++++	0.63223	0.62635	0.56502	0.53806	0.47601	0.56753	11.452	
$ 36	2-Fluorobiphenyl	+++++	1.64110	1.65058	1.49688	1.44762	1.34373	1.51598	8.631	
$ 55	2,4,6-Tribromophenol	+++++	0.18267	0.19425	0.18348	0.18491	0.17854	0.18477	3.142	

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Method file : /chem3/nt4.i/20090511.b/SW846.m
Cal Date : 11-May-2009 11:26 jeff
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	25.000 Level 4	40.000 Level 5	80.000 Level 6	___ RRF	% RSD	
$ 66 Terphenyl-d14	+++++	1.08733	1.09817	1.03490	0.98585	0.93192	1.02764	6.794	
$ 85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$ 95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

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Method file : /chem3/nt4.i/20090508.b/SW846.m
Cal Date : 11-May-2009 16:19 jeff

Calibration File Names:
Level 1: /chem3/nt4.i/20090508.b/0010508.d
Level 2: /chem3/nt4.i/20090508.b/0050508.d
Level 3: /chem3/nt4.i/20090508.b/0100508.d
Level 4: /chem3/nt4.i/20090508.b/0250508.d
Level 5: /chem3/nt4.i/20090508.b/0400508.d
Level 6: /chem3/nt4.i/20090508.b/c800508.d

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
186 Carbaryl	0.59370	0.70383	0.72312	0.70442	0.67657	0.51018	AVRG		0.65197		12.76077	
179 n-Decane	1.94119	2.06036	1.99087	1.75570	1.61297	1.37396	AVRG		1.78918		14.61534	
180 n-Octadecane	0.70694	0.76505	0.74131	0.65732	0.59452	0.48098	AVRG		0.65769		16.11451	
169 4-tert-Butylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
170 N,N-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
171 2,3-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
172 2,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
173 2,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
174 2,6-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
175 3,4-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
176 3,5-Dimethylaniline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
177 p-Benzoquinone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
168 Pentachlorobenzene	0.48603	0.51553	0.49391	0.46233	0.46598	0.42492	AVRG		0.47478		6.57462	
145 4,4'-DDE	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

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Method file : /chem3/nt4.i/20090508.b/SW846.m
Cal Date : 11-May-2009 16:19 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
146 4,4'-DDD	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
147 4,4'-DDT	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
148 Dieldrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
149 TCMX	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
150 DCBP	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
133 Butylatedhydroxytoluene	1.07937	1.09196	1.11081	1.02892	0.98970	0.84758	AVRG		1.02472		9.51609	
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
144 alpha-Terpineol	0.34425	0.35551	0.35097	0.30216	0.28039	0.23045	AVRG		0.31062		15.89435	
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

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Integrator : HP RTE
Method file : /chem3/nt4.i/20090508.b/SW846.m
Cal Date : 11-May-2009 16:19 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
123 Acetophenone	2.25717	2.37498	2.33972	2.21030	2.13288	1.98314	AVRG		2.21637		6.48961	
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
143 1,4-Dioxane	0.71441	0.73527	0.74021	0.70011	0.70374	0.66576	AVRG		0.70992		3.81335	
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
178 2-Benzyl-4-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
118 Triphenyl Phosphate	0.24826	0.24849	0.25332	0.25344	0.24402	0.23564	AVRG		0.24720		2.70119	
117 Butyl Diphenyl Phosphate	0.39474	0.44104	0.42869	0.40383	0.37826	0.31814	AVRG		0.39412		11.06917	
116 Dibutyl Phenyl Phosphate	0.62409	0.70577	0.71598	0.68624	0.66742	0.62128	AVRG		0.67013		6.02284	
115 Tributyl Phosphate	1.23593	1.37430	1.34966	1.23896	1.17612	1.03648	AVRG		1.23524		9.94455	
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
113 Diphenyl Oxide	+++++	0.94978	0.91926	0.85458	0.85439	0.80989	AVRG		0.87758		6.39518	
112 Biphenyl	+++++	1.97319	1.90349	1.74506	1.67111	1.38871	AVRG		1.73631		13.17155	
111 Azobenzene (1,2-DP-Hydrazine)	2.05576	2.19980	2.11214	1.89699	1.81287	1.50258	AVRG		1.93002		13.09283	
110 Tetrachloroguaiacol	0.11948	0.13533	0.13319	0.12802	0.12225	0.11585	AVRG		0.12569		6.18130	
109 3,4,5-Trichloroguaiacol	0.13934	0.16527	0.16250	0.15609	0.15170	0.14339	AVRG		0.15305		6.73277	
181 3,4,6-Trichloroguaiacol	0.38037	0.41951	0.43360	0.41849	0.40635	0.39165	AVRG		0.40833		4.81224	
108 4,5,6-Trichloroguaiacol	0.19029	0.21428	0.22437	0.22038	0.21627	0.20553	AVRG		0.21185		5.81964	
184 3,4-Dichloroguaiacol	0.43889	0.46946	0.47584	0.46622	0.44541	0.43885	AVRG		0.45578		3.64248	
107 4,5-Dichloroguaiacol	0.35522	0.38939	0.36397	0.37510	0.37125	0.36711	AVRG		0.37034		3.11665	

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	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2	
182	4,6-Dichloroguaiacol	0.47511	0.53247	0.57386	0.51446	0.48833	0.46238	AVRG		0.50777		8.13353	
185	4-Chloroguaiacol	0.74816	0.78557	0.79524	0.75878	0.74518	0.71202	AVRG		0.75749		3.96957	
106	Guaiacol	1.05496	1.13344	1.11944	1.05499	1.00298	0.94000	AVRG		1.05097		6.87976	
105	1-methylnaphthalene	0.61806	0.65436	0.63347	0.60320	0.59359	0.53166	AVRG		0.60573		6.97548	
151	1,2,4,5-Tetrachlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
152	Benzo(e)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
153	Chlorpyrifos	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
154	Diazinon	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
155	Kelthane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
156	Methyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
157	Ethyl Parathion	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
158	Ethion	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
159	4-Nonylphenol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
160	Tetraethyl Tin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
161	1,2,3-Trichloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
162	1,2,3,4-Tetrachloronapthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
163	1,2,3,5,8-Pentachloronaphthal	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
164	1,2,3,4,6,7-Hexachloronaphtha	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
165	1,2,3,4,5,6,7-Heptachloronaph	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
166	Octachloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
167	2,2',4,4',5-Pentabromobipheny	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
3	Phenol	2.50009	2.63027	2.58662	2.37826	2.21829	1.98924	AVRG		2.38379		10.24999	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-MAY-2009 11:56
End Cal Date : 08-MAY-2009 15:22
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20090508.b/SW846.m
Cal Date : 11-May-2009 16:19 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	Coefficients m1	Coefficients m2	%RSD or R^2
4	Bis(2-Chloroethyl)ether	1.83965	1.90273	1.88159	1.76867	1.70937	1.55252	AVRG		1.77575		7.37249
6	2-Chlorophenol	1.47238	1.53813	1.55342	1.47480	1.41185	1.37283	AVRG		1.47057		4.75523
7	1,3-Dichlorobenzene	1.62944	1.69472	1.68866	1.61201	1.59295	1.51119	AVRG		1.62149		4.18364
9	1,4-Dichlorobenzene	1.67030	1.70587	1.67135	1.61253	1.59598	1.49007	AVRG		1.62435		4.76405
11	Benzyl alcohol	1.10882	1.19554	1.20857	1.13744	1.10670	1.04542	AVRG		1.13375		5.37766
12	1,2-Dichlorobenzene	1.58269	1.61541	1.59563	1.50603	1.47835	1.38688	AVRG		1.52750		5.71230
13	2-Methylphenol	1.50199	1.63345	1.67734	1.55134	1.48419	1.40602	AVRG		1.54239		6.49637
14	2,2'-oxybis(1-Chloropropane)	2.36480	2.41877	2.36531	2.09784	1.96091	1.58185	AVRG		2.13158		15.18684
15	4-Methylphenol	1.58579	1.72535	1.74210	1.63215	1.53400	1.41888	AVRG		1.60638		7.57622
16	N-Nitroso-di-n-propylamine	1.46226	1.53136	1.52256	1.35507	1.30108	1.17260	AVRG		1.39082		10.12544
17	Hexachloroethane	0.67892	0.76584	0.75216	0.71119	0.69800	0.63618	AVRG		0.70705		6.75472
19	Nitrobenzene	0.63124	0.65096	0.61826	0.55120	0.52367	0.43355	AVRG		0.56815		14.45702
20	Isophorone	1.02823	1.10545	1.06207	0.99545	0.97159	0.90228	AVRG		1.01084		7.05651
21	2-Nitrophenol	+++++	0.23078	0.23466	0.22715	0.22642	0.21859	AVRG		0.22752		2.62501
22	2,4-Dimethylphenol	0.49515	0.53178	0.52415	0.49137	0.47025	0.42313	AVRG		0.48930		8.07193
23	Bis(2-Chloroethoxy)methane	0.58069	0.63760	0.60358	0.56175	0.55298	0.49476	AVRG		0.57189		8.49798
24	Benzoic acid	+++++	0.31874	0.35896	0.38243	0.38318	0.37513	AVRG		0.36369		7.40962
25	2,4-Dichlorophenol	0.31559	0.33930	0.33876	0.32938	0.31759	0.30435	AVRG		0.32416		4.31634
26	1,2,4-Trichlorobenzene	0.37250	0.39531	0.38348	0.36587	0.36304	0.33176	AVRG		0.36866		5.87531
28	Naphthalene	1.21335	1.26082	1.18102	1.12851	1.10323	0.94245	AVRG		1.13823		9.79524
29	4-Chloroaniline	0.49521	0.52113	0.50279	0.46794	0.44529	0.39277	AVRG		0.47085		9.91622
30	Hexachlorobutadiene	0.18747	0.20340	0.19230	0.18467	0.18280	0.16828	AVRG		0.18649		6.20287

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-MAY-2009 11:56
End Cal Date : 08-MAY-2009 15:22
Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20090508.b/SW846.m
Cal Date : 11-May-2009 16:19 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
31	4-Chloro-3-methylphenol	+++++	0.43333	0.43519	0.41099	0.39341	0.35379	AVRG		0.40534		8.27983	
32	2-Methylnaphthalene	0.64242	0.69205	0.67508	0.63069	0.61023	0.55232	AVRG		0.63380		7.84970	
33	Hexachlorocyclopentadiene	+++++	0.35560	0.38061	0.38874	0.38875	0.37106	AVRG		0.37695		3.70970	
34	2,4,6-Trichlorophenol	+++++	0.43337	0.42564	0.42186	0.42177	0.40812	AVRG		0.42215		2.16833	
35	2,4,5-Trichlorophenol	+++++	0.44574	0.46154	0.45460	0.43963	0.42899	AVRG		0.44610		2.84794	
37	2-Chloronaphthalene	1.32205	1.39331	1.31623	1.25147	1.23972	1.08139	AVRG		1.26736		8.41309	
38	2-Nitroaniline	+++++	0.60796	0.59190	0.53224	0.50724	0.45407	AVRG		0.53868		11.67482	
39	Dimethylphthalate	1.41345	1.53369	1.48285	1.40134	1.41107	1.30368	AVRG		1.42435		5.50704	
40	Acenaphthylene	2.12591	2.27277	2.22332	2.08325	2.04682	1.80208	AVRG		2.09236		7.91823	
41	2,6-Dinitrotoluene	+++++	0.33873	0.33897	0.32249	0.32799	0.30741	AVRG		0.32712		4.00319	
43	3-Nitroaniline	+++++	0.39516	0.39072	0.34009	0.29644	0.22737	AVRG		0.32995		21.26575	<-
44	Acenaphthene	1.27618	1.38568	1.33116	1.25742	1.25604	1.12608	AVRG		1.27209		6.87105	
45	2,4-Dinitrophenol	+++++	0.13759	0.17658	0.20082	0.20329	0.20635	AVRG		0.18493		15.67138	
46	Dibenzofuran	1.81955	1.96135	1.91616	1.74841	1.69300	1.55230	AVRG		1.78179		8.45160	
47	4-Nitrophenol	+++++	0.25200	0.25862	0.25503	0.26611	0.22501	AVRG		0.25135		6.22267	
48	2,4-Dinitrotoluene	+++++	0.46070	0.44927	0.42653	0.43321	0.41137	AVRG		0.43622		4.42463	
49	Fluorene	1.40778	1.54474	1.50055	1.39000	1.38435	1.19539	AVRG		1.40380		8.62179	
50	Diethylphthalate	1.47068	1.63266	1.57126	1.47230	1.45471	1.28514	AVRG		1.48112		8.01036	
51	4-Chlorophenyl-phenylether	0.68340	0.72565	0.69974	0.65332	0.64488	0.57856	AVRG		0.66426		7.74470	
52	4-Nitroaniline	+++++	0.37950	0.35697	0.34559	0.32742	0.31909	AVRG		0.34571		6.95335	
53	4,6-Dinitro-2-methylphenol	+++++	0.14999	0.16631	0.17080	0.16569	0.16899	AVRG		0.16436		5.04616	
54	N-Nitrosodiphenylamine	0.65304	0.69169	0.67624	0.64396	0.63580	0.59658	AVRG		0.64955		5.11793	

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-MAY-2009 11:56
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Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20090508.b/SW846.m
Cal Date : 11-May-2009 16:19 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
56	4-Bromophenyl-phenylether	0.22774	0.24205	0.24079	0.23177	0.22962	0.21408	AVRG		0.23101		4.40309
57	Hexachlorobenzene	0.24243	0.24963	0.25273	0.23889	0.23283	0.22260	AVRG		0.23985		4.62796
58	Pentachlorophenol	+++++	0.14047	0.15252	0.15982	0.15498	0.15498	AVRG		0.15255		4.75553
60	Phenanthrene	1.34969	1.37763	1.33151	1.26089	1.21429	1.12450	AVRG		1.27642		7.50041
61	Anthracene	1.33333	1.39562	1.36172	1.29706	1.25464	1.13170	AVRG		1.29568		7.26819
62	Carbazole	1.11051	1.20354	1.13249	1.07850	1.05367	0.99982	AVRG		1.09642		6.37842
63	Di-n-butylphthalate	1.39922	1.52042	1.50272	1.44032	1.39012	1.24259	AVRG		1.41590		7.06528
64	Fluoranthene	1.27921	1.37302	1.31173	1.27947	1.23204	1.11889	AVRG		1.26573		6.76829
65	Pyrene	1.72410	1.90327	1.78789	1.75072	1.66149	1.50406	AVRG		1.72192		7.75636
67	Butylbenzylphthalate	0.77320	0.83532	0.83229	0.81372	0.80071	0.75061	AVRG		0.80097		4.18951
68	Benzo(a)anthracene	1.42161	1.48180	1.42588	1.38117	1.33281	1.24010	AVRG		1.38056		6.14600
70	3,3'-Dichlorobenzidine	+++++	0.55380	0.52342	0.46344	0.42079	0.37397	AVRG		0.46709		15.70376
71	Chrysene	1.38769	1.47874	1.40770	1.33355	1.29546	1.19725	AVRG		1.35006		7.25001
72	bis(2-Ethylhexyl)phthalate	0.63310	0.69554	0.66950	0.64683	0.64024	0.59580	AVRG		0.64684		5.23013
73	Di-n-octylphthalate	1.14217	1.16234	1.13751	1.07422	1.06403	0.98410	AVRG		1.09406		6.09746
74	Benzo(b)fluoranthene	1.37605	1.53775	1.43053	1.38845	1.34079	1.31145	AVRG		1.39750		5.71777
75	Benzo(k)fluoranthene	1.53071	1.52239	1.54988	1.36437	1.39834	1.31145	AVRG		1.44619		6.97258
76	Benzo(a)pyrene	1.21309	1.35127	1.32304	1.23403	1.24134	1.13222	AVRG		1.24916		6.31862
78	Indeno(1,2,3-cd)pyrene	1.51390	1.66368	1.58629	1.54470	1.56917	1.53412	AVRG		1.56865		3.38601
79	Dibenzo(a,h)anthracene	1.20307	1.32561	1.31439	1.27339	1.31203	1.24497	AVRG		1.27891		3.74526
80	Benzo(g,h,i)perylene	1.38981	1.48862	1.44251	1.38895	1.41447	1.38078	AVRG		1.41752		2.92967
90	N-Nitrosodimethylamine	+++++	1.20848	1.22252	1.14866	1.12656	1.07150	AVRG		1.15554		5.34127

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 08-MAY-2009 11:56
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Quant Method : ISTD
Origin : Force
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt4.i/20090508.b/SW846.m
Cal Date : 11-May-2009 16:19 jeff

	Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	91 Aniline	+++++	3.12698	3.01420	2.71456	2.51775	2.29084	AVRG		2.73287		12.62913	
	92 1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	93 Benzidine	+++++	73495	135097	300506	424615	804916	LINR	-0.28636	0.47584		0.99532	
	96 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	97 Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	98 Retene	0.51521	0.54162	0.55121	0.54407	0.52346	0.49930	AVRG		0.52915		3.76277	
	99 Perylene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	100 3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	101 Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	102 beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
	103 Pyridine	+++++	1.99292	2.01680	1.89492	1.81633	1.74622	AVRG		1.89344		6.06412	
$	1 2-Fluorophenol	+++++	1.59193	1.61600	1.54146	1.47987	1.43265	AVRG		1.53238		4.98328	
$	137 d8-1,4-Dioxane	+++++	0.67664	0.68127	0.64622	0.65780	0.63960	AVRG		0.66031		2.77145	
$	2 Phenol-d5	2.08896	2.22438	2.31139	2.11268	1.98152	1.80102	AVRG		2.08666		8.64752	
$	5 2-Chlorophenol-d4	+++++	1.34821	1.38387	1.27461	1.22887	1.20806	AVRG		1.28873		5.86878	
$	10 1,2-Dichlorobenzene-d4	0.94454	0.99136	1.00193	0.93156	0.90782	0.86806	AVRG		0.94088		5.37153	
$	18 Nitrobenzene-d5	+++++	0.63223	0.62635	0.56502	0.53806	0.47601	AVRG		0.56753		11.45184	
$	36 2-Fluorobiphenyl	+++++	1.64110	1.65058	1.49688	1.44762	1.34373	AVRG		1.51598		8.63090	
$	55 2,4,6-Tribromophenol	+++++	0.18267	0.19425	0.18348	0.18491	0.17854	AVRG		0.18477		3.14221	
$	66 Terphenyl-d14	+++++	1.08733	1.09817	1.03490	0.98585	0.93192	AVRG		1.02764		6.79421	
$	85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

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Integrator : HP RTE
Method file : /chem3/nt4.i/20090508.b/SW846.m
Cal Date : 11-May-2009 16:19 jeff

Compound	1 Level 1	5 Level 2	10 Level 3	25 Level 4	40 Level 5	80 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
$ 86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-
$ 95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+00		0.000e+00	<-

Analytical Resources, Inc.

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Method file : /chem3/nt4.i/20090508.b/SW846.m
Cal Date : 11-May-2009 16:19 jeff

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090508.b/0010508.d
Lab Smp Id: ABN 1
Inj Date : 08-MAY-2009 13:05
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : ABN 1
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20090508.b/SW846.m
Meth Date : 11-May-2009 16:19 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 13:05 Cal File: 0010508.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: KSINK.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$ 137	d8-1,4-Dioxane	96	3.182	3.205	(0.376)	6004	1.00000	0.9383
143	1,4-Dioxane	88	3.241	3.270	(0.383)	6923	1.00000	1.006
103	Pyridine	79	4.022	4.004	(0.475)	18654	1.00000	1.017(M)
90	N-Nitrosodimethylamine	74	4.004	4.057	(0.473)	11147	1.00000	0.9955
$ 1	2-Fluorophenol	112	6.513	6.525	(0.769)	14114	1.00000	0.9505
$ 2	Phenol-d5	99	8.006	8.041	(0.945)	20243	1.00000	1.001
91	Aniline	93	8.017	8.041	(0.947)	29229	1.00000	1.104
3	Phenol	94	8.023	8.064	(0.947)	24227	1.00000	1.049
4	Bis(2-Chloroethyl)ether	93	8.129	8.152	(0.960)	17827	1.00000	1.036
$ 5	2-Chlorophenol-d4	132	8.164	8.188	(0.964)	12182	1.00000	0.9755
6	2-Chlorophenol	128	8.188	8.211	(0.967)	14268	1.00000	1.001
179	n-Decane	57	8.288	8.305	(0.978)	18811	1.00000	1.085
7	1,3-Dichlorobenzene	146	8.411	8.429	(0.993)	15790	1.00000	1.005
* 8	1,4-Dichlorobenzene-d4	152	8.470	8.470	(1.000)	193809	20.0000	
9	1,4-Dichlorobenzene	146	8.499	8.511	(1.003)	16186	1.00000	1.028
11	Benzyl alcohol	108	8.734	8.764	(1.031)	10745	1.00000	0.9780
$ 10	1,2-Dichlorobenzene-d4	152	8.769	8.781	(1.035)	9153	1.00000	1.004(M)
12	1,2-Dichlorobenzene	146	8.793	8.805	(1.038)	15337	1.00000	1.036
13	2-Methylphenol	108	8.957	8.987	(1.058)	14555	1.00000	0.9738
14	2,2'-oxybis(1-Chloropropane)	45	8.999	9.010	(1.062)	22916	1.00000	1.109
123	Acetophenone	105	9.157	9.187	(1.081)	21873	1.00000	1.018
15	4-Methylphenol	108	9.187	9.222	(1.085)	15367	1.00000	0.9872
16	N-Nitroso-di-n-propylamine	70	9.204	9.251	(1.087)	14170	1.00000	1.051
17	Hexachloroethane	117	9.287	9.292	(1.096)	6579	1.00000	0.9602
$ 18	Nitrobenzene-d5	82	9.392	9.416	(0.893)	19375	1.00000	1.015
106	Guaiacol	124	9.416	9.439	(1.112)	10223	1.00000	1.004
19	Nitrobenzene	77	9.422	9.451	(0.896)	21230	1.00000	1.111

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
20	Isophorone	82	9.798	9.839	(0.931)	34582	1.00000	1.017
21	2-Nitrophenol	139	9.939	9.956	(0.945)	7118	1.00000	0.9302
22	2,4-Dimethylphenol	107	10.027	10.056	(0.953)	16653	1.00000	1.012
23	Bis(2-Chloroethoxy)methane	93	10.180	10.203	(0.968)	19530	1.00000	1.015
25	2,4-Dichlorophenol	162	10.315	10.344	(0.980)	10614	1.00000	0.9736
24	Benzoic acid	105	10.127	10.420	(0.963)	12107	5.00000	0.9898(MH)
26	1,2,4-Trichlorobenzene	180	10.456	10.467	(0.994)	12528	1.00000	1.010
* 27	Naphthalene-d8	136	10.520	10.515	(1.000)	672649	20.0000	
28	Naphthalene	128	10.550	10.567	(1.003)	40808	1.00000	1.066
144	alpha-Terpineol	59	10.562	10.585	(1.004)	11578	1.00000	1.108
29	4-Chloroaniline	127	10.679	10.697	(1.015)	16655	1.00000	1.052
30	Hexachlorobutadiene	225	10.861	10.873	(1.032)	6305	1.00000	1.005
185	4-Chloroguaiacol	115	11.431	11.443	(1.350)	3625	0.50000	0.4938
31	4-Chloro-3-methylphenol	107	11.472	11.496	(1.090)	13849	1.00000	1.016
32	2-Methylnaphthalene	141	11.672	11.684	(1.109)	21606	1.00000	1.014
105	1-methylnaphthalene	141	11.842	11.860	(1.126)	20787	1.00000	1.020
33	Hexachlorocyclopentadiene	237	12.054	12.060	(0.900)	4617	1.00000	0.6885
34	2,4,6-Trichlorophenol	196	12.177	12.195	(0.909)	6647	1.00000	0.8851
35	2,4,5-Trichlorophenol	196	12.236	12.254	(0.914)	7053	1.00000	0.8888
$ 36	2-Fluorobiphenyl	172	12.307	12.324	(0.919)	27301	1.00000	1.012
112	Biphenyl	154	12.448	12.465	(0.929)	32978	1.00000	1.068
37	2-Chloronaphthalene	162	12.453	12.477	(0.930)	23518	1.00000	1.043
184	3,4-Dichloroguaiacol	192	12.530	12.541	(1.479)	4253	1.00000	0.9629
113	Diphenyl Oxide	170	12.636	12.653	(0.943)	15793	1.00000	1.012
38	2-Nitroaniline	65	12.671	12.700	(0.946)	9424	1.00000	0.9834
39	Dimethylphthalate	163	13.041	13.076	(0.974)	25144	1.00000	0.9924
40	Acenaphthylene	152	13.135	13.152	(0.981)	37818	1.00000	1.016
41	2,6-Dinitrotoluene	165	13.135	13.164	(0.981)	5375	1.00000	0.9237
107	4,5-Dichloroguaiacol	192	13.305	13.335	(0.993)	6319	1.00000	0.9592(M)
182	4,6-Dichloroguaiacol	192	13.329	13.358	(1.574)	4604	1.00000	0.9357
43	3-Nitroaniline	138	13.346	13.387	(0.996)	6250	1.00000	1.065
* 42	Acenaphthene-d10	164	13.393	13.393	(1.000)	355781	20.0000	
44	Acenaphthene	153	13.440	13.464	(1.004)	22702	1.00000	1.003
133	Butylatedhydroxytoluene	205	13.546	13.564	(1.011)	19201	1.00000	1.053
45	2,4-Dinitrophenol	184	13.517	13.558	(1.009)	1914	5.00000	0.5818
47	4-Nitrophenol	109	13.640	13.670	(1.018)	3423	1.00000	0.7655
46	Dibenzofuran	168	13.699	13.722	(1.023)	32368	1.00000	1.021
168	Pentachlorobenzene	250	13.746	13.769	(1.026)	8646	1.00000	1.024
48	2,4-Dinitrotoluene	165	13.770	13.799	(1.028)	6817	1.00000	0.8785
181	3,4,6-Trichloroguaiacol	211	14.069	14.093	(1.661)	3686	1.00000	0.9315
109	3,4,5-Trichloroguaiacol	213	14.193	14.216	(0.899)	3764	1.00000	0.9104
50	Diethylphthalate	149	14.193	14.228	(1.060)	26162	1.00000	0.9929
49	Fluorene	166	14.263	14.281	(1.065)	25043	1.00000	1.003
51	4-Chlorophenyl-phenylether	204	14.275	14.292	(1.066)	12157	1.00000	1.029
52	4-Nitroaniline	138	14.339	14.404	(1.071)	5716	1.00000	0.9294
53	4,6-Dinitro-2-methylphenol	198	14.428	14.474	(0.914)	4943	5.00000	1.113
54	N-Nitrosodiphenylamine	169	14.475	14.510	(0.917)	17641	1.00000	1.005

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
111	Azobenzene (1,2-DP-Hydrazine)	77	14.527	14.551	(1.085)	36570	1.00000	1.065
115	Tributyl Phosphate	99	14.551	14.598	(0.922)	33387	1.00000	1.001
$ 55	2,4,6-Tribromophenol	330	14.686	14.704	(1.097)	2651	1.00000	0.8066
56	4-Bromophenyl-phenylether	248	15.068	15.080	(0.955)	6152	1.00000	0.9858
108	4,5,6-Trichloroguaiacol	213	15.103	15.127	(1.128)	3385	1.00000	0.8982
57	Hexachlorobenzene	284	15.297	15.315	(0.969)	6549	1.00000	1.011
58	Pentachlorophenol	266	15.585	15.603	(0.988)	2624	1.00000	0.6367
180	n-Octadecane	57	15.661	15.673	(0.993)	19097	1.00000	1.075
110	Tetrachloroguaiacol	247	15.708	15.738	(0.996)	6455	2.00000	1.901
* 59	Phenanthrene-d10	188	15.779	15.779	(1.000)	540272	20.0000	
60	Phenanthrene	178	15.814	15.838	(1.002)	36460	1.00000	1.057
61	Anthracene	178	15.885	15.914	(1.007)	36018	1.00000	1.029
62	Carbazole	167	16.161	16.184	(1.024)	29999	1.00000	1.013
186	Carbaryl	144	16.566	16.584	(1.956)	16038	1.00000	0.9106
116	Dibutyl Phenyl Phosphate	175	16.302	16.313	(1.033)	16859	1.00000	0.9313
63	Di-n-butylphthalate	149	16.860	16.872	(1.068)	37798	1.00000	0.9882
64	Fluoranthene	202	17.759	17.782	(1.125)	34556	1.00000	1.011
117	Butyl Diphenyl Phosphate	94	18.000	18.011	(0.895)	7877	1.00000	1.002
65	Pyrene	202	18.117	18.141	(0.901)	34404	1.00000	1.001
$ 66	Terphenyl-d14	244	18.417	18.435	(0.916)	19568	1.00000	0.9542
98	Retene	219	18.676	18.687	(0.928)	10281	1.00000	0.9737
67	Butylbenzylphthalate	149	19.292	19.310	(0.959)	15429	1.00000	0.9653
118	Triphenyl Phosphate	326	19.610	19.627	(0.975)	4954	1.00000	1.004
70	3,3'-Dichlorobenzidine	252	20.080	20.097	(0.998)	10189	1.00000	1.093
68	Benzo(a)anthracene	228	20.086	20.109	(0.999)	28368	1.00000	1.030
* 69	Chrysene-d12	240	20.115	20.109	(1.000)	399096	20.0000	
71	Chrysene	228	20.150	20.180	(1.002)	27691	1.00000	1.028
72	bis(2-Ethylhexyl)phthalate	149	20.285	20.291	(0.956)	20915	1.00000	0.9788
* 134	Di-n-octylphthalate-d4	153	21.220	21.220	(1.000)	660722	20.0000	
73	Di-n-octylphthalate	149	21.225	21.243	(1.000)	37733	1.00000	1.044
74	Benzo(b)fluoranthene	252	21.743	21.778	(0.976)	28009	1.00000	0.9846(H)
75	Benzo(k)fluoranthene	252	21.778	21.778	(0.977)	31157	1.00000	1.058
76	Benzo(a)pyrene	252	22.201	22.230	(0.996)	24692	1.00000	0.9711
* 77	Perylene-d12	264	22.283	22.283	(1.000)	407093	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.975	24.040	(1.076)	30815	1.00000	0.9651
79	Dibenzo(a,h)anthracene	278	24.005	24.069	(1.077)	24488	1.00000	0.9407
80	Benzo(g,h,i)perylene	276	24.451	24.539	(1.097)	28289	1.00000	0.9804

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: 0010508.d
Lab Smp Id: ABN 1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090508.b/SW846.m
Misc Info:

Calibration Date: 08-MAY-2009
Calibration Time: 11:56

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.
If Continuing Cal. use Initial Cal. Level 4

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	193809	7.30
27 Naphthalene-d8	633172	316586	1266344	672649	6.23
42 Acenaphthene-d10	336916	168458	673832	355781	5.60
59 Phenanthrene-d10	514258	257129	1028516	540272	5.06
69 Chrysene-d12	376875	188438	753750	399096	5.90
134 Di-n-octylphthala	640574	320287	1281148	660722	3.15
77 Perylene-d12	383864	191932	767728	407093	6.05

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.48	7.98	8.98	8.47	-0.10
27 Naphthalene-d8	10.52	10.02	11.02	10.52	-0.02
42 Acenaphthene-d10	13.40	12.90	13.90	13.39	-0.02
59 Phenanthrene-d10	15.79	15.29	16.29	15.78	-0.05
69 Chrysene-d12	20.12	19.62	20.62	20.12	-0.01
134 Di-n-octylphthala	21.22	20.72	21.72	21.22	-0.01
77 Perylene-d12	22.29	21.79	22.79	22.28	-0.01

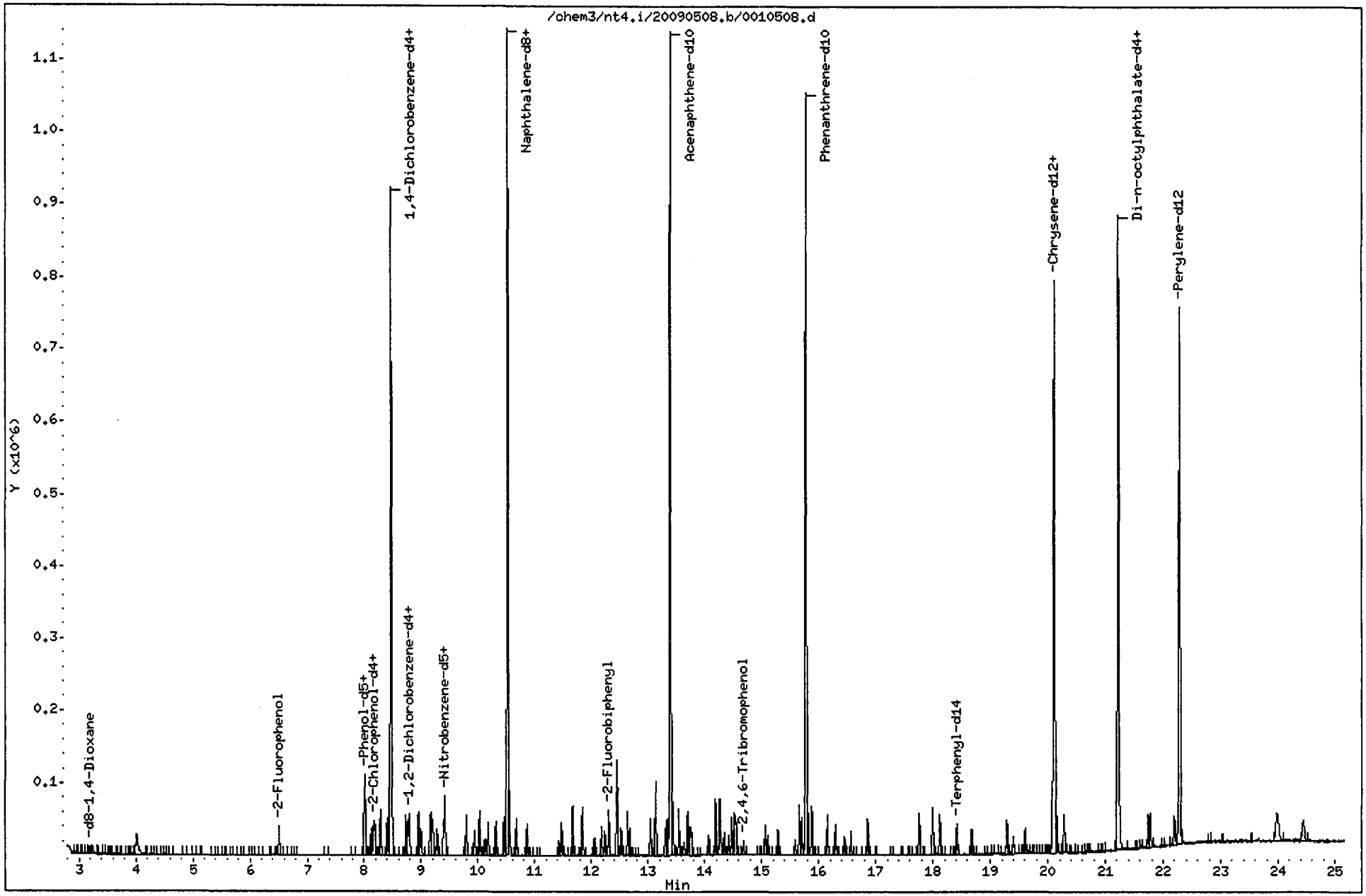
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20090508.b/0010508.d
Date : 08-MAY-2009 13:05
Client ID:
Sample Info: ABN 1

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32

Column phase: ZB-5



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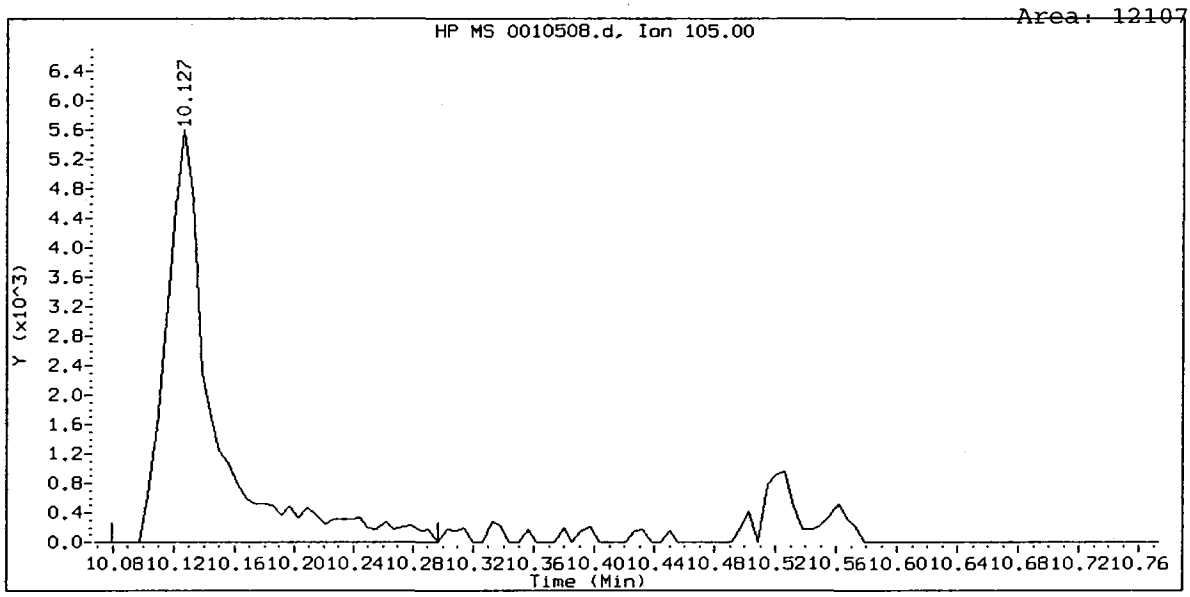
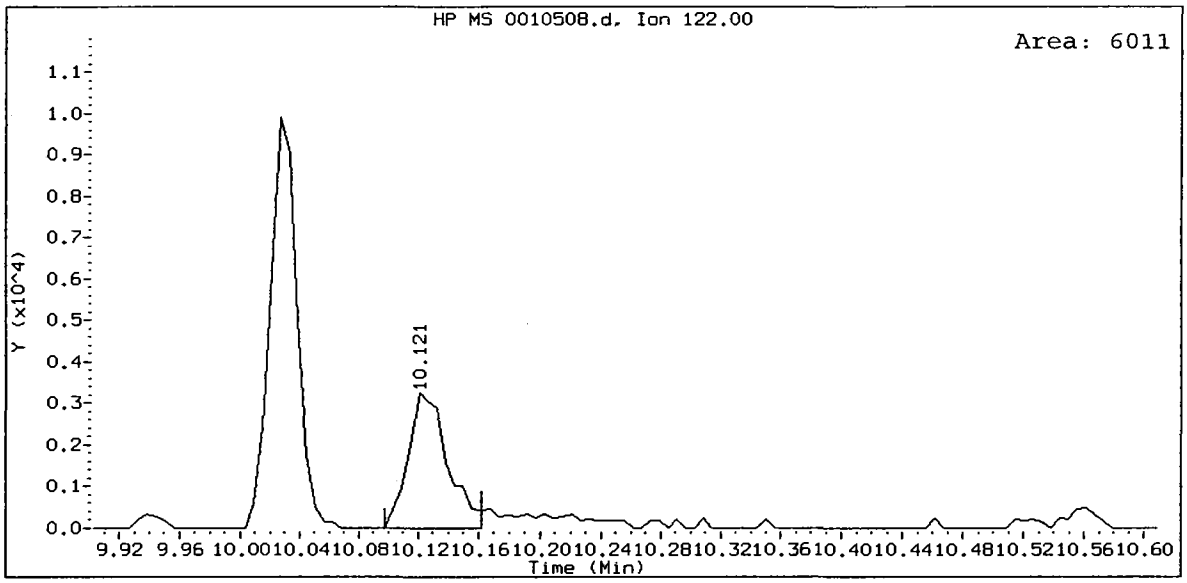
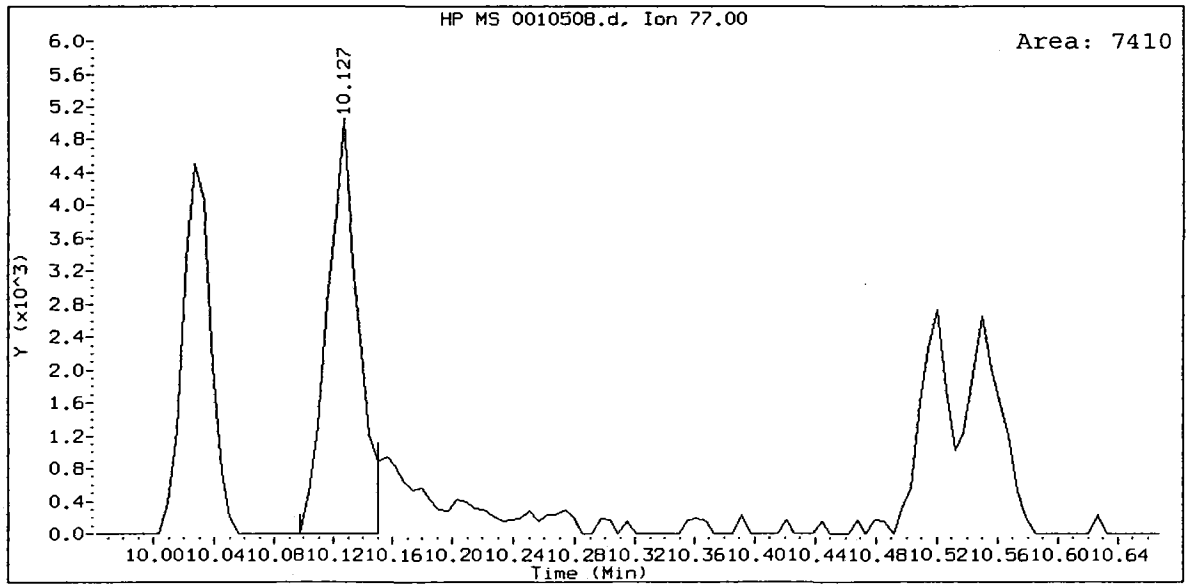
Benzoic acid Amount: 0.99







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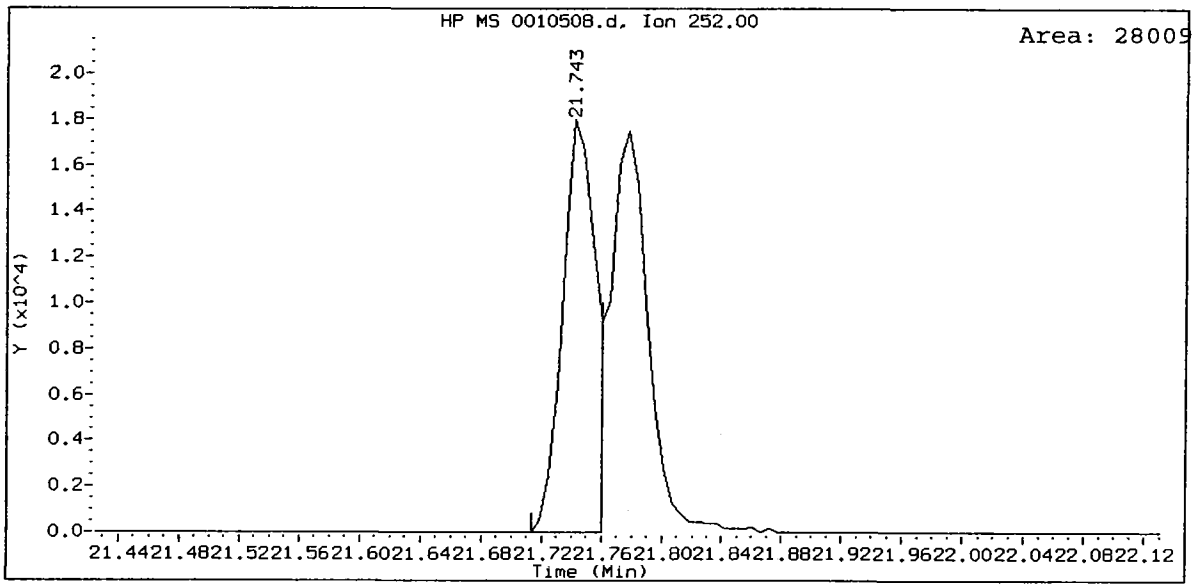
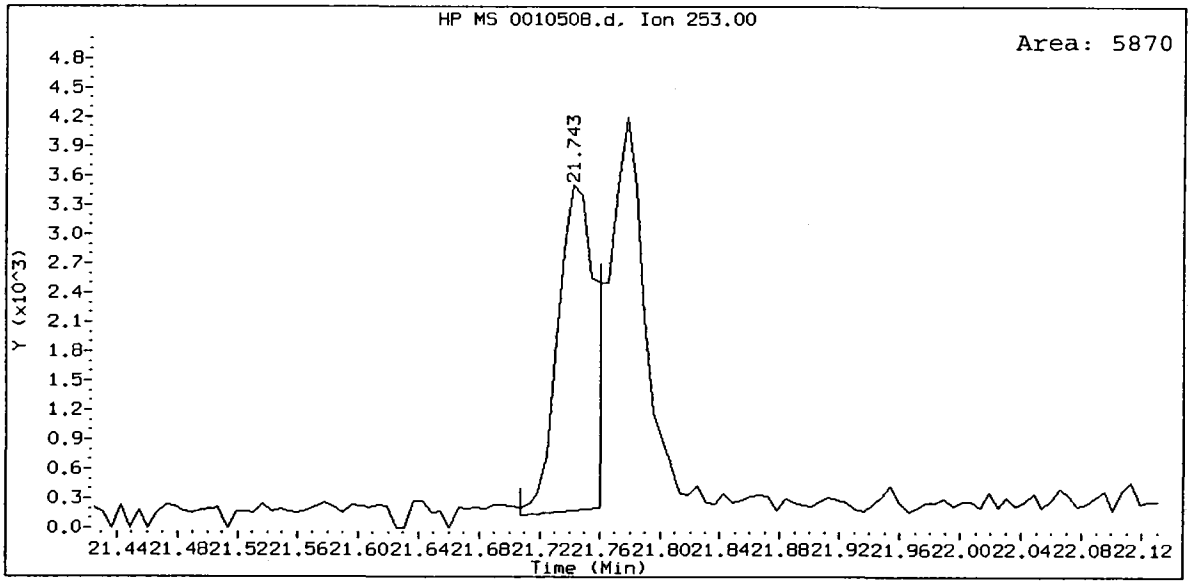
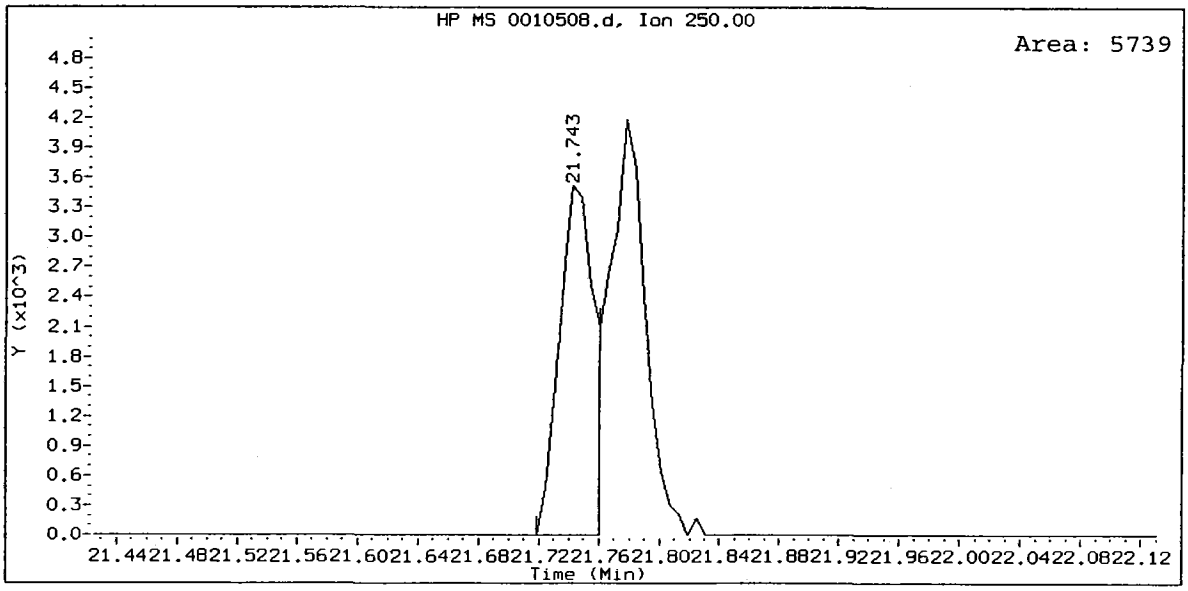
Benzo(b)fluoranthene Amount: 0.98







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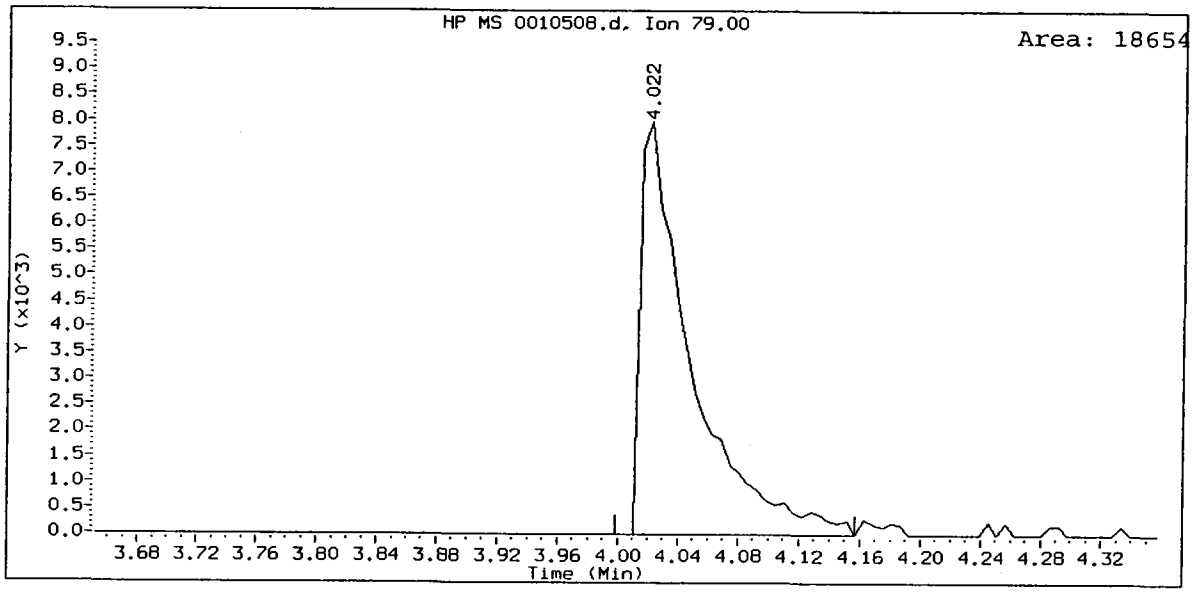

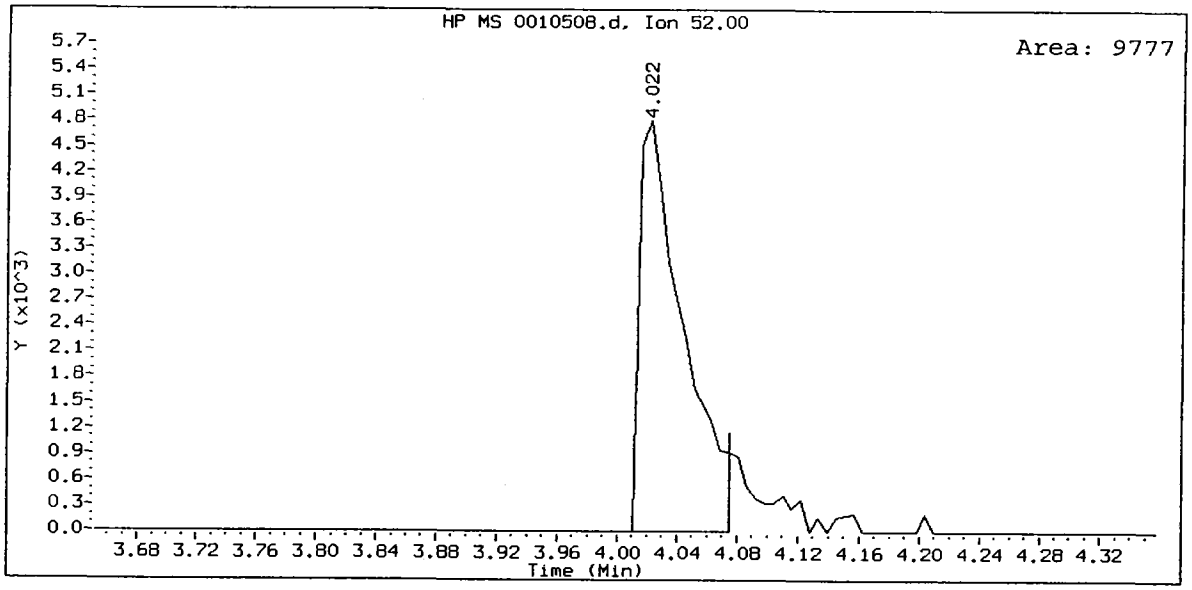

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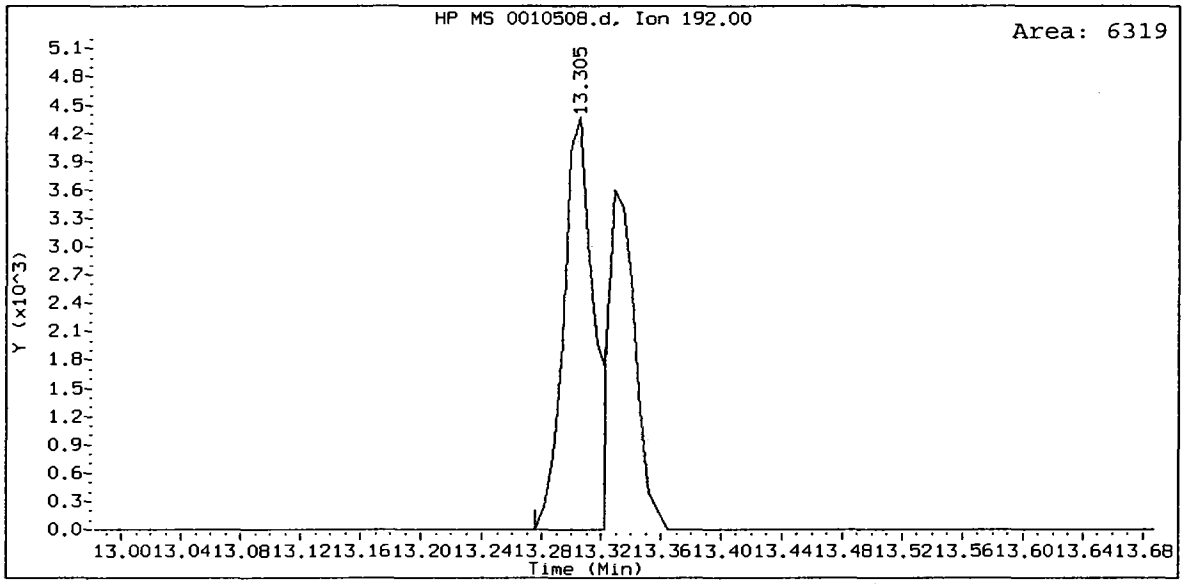
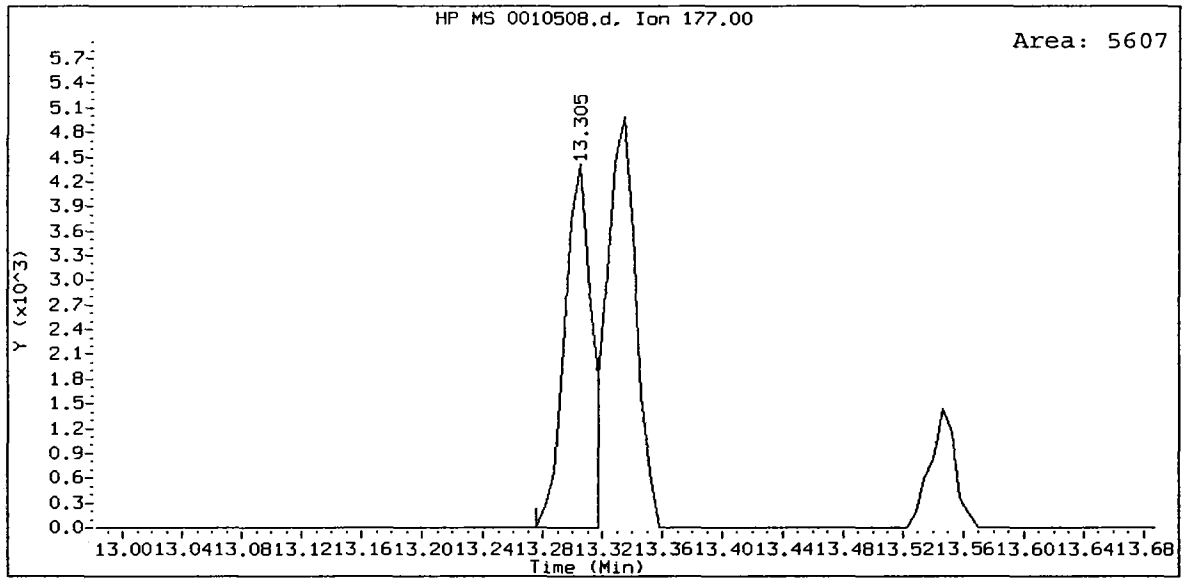
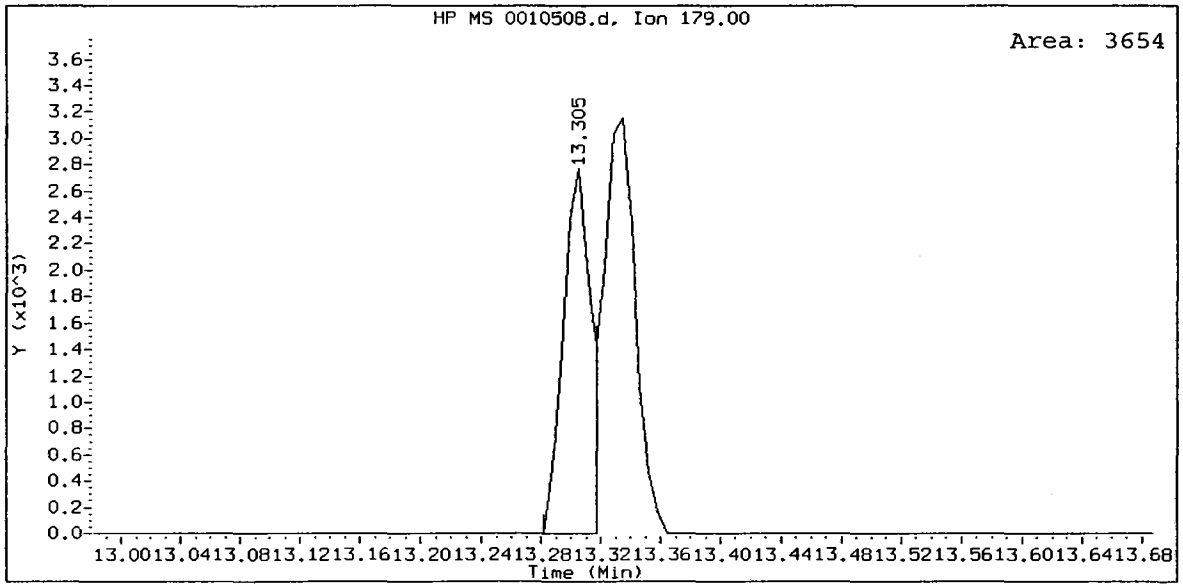
4,5-Dichloroguaiacol Amount: 0.96







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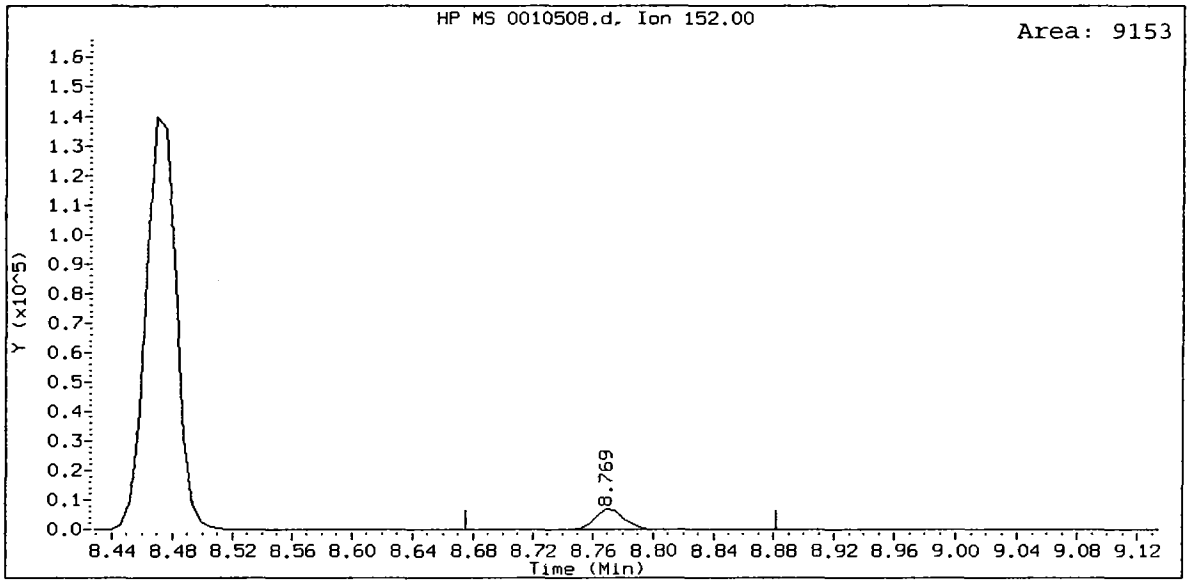
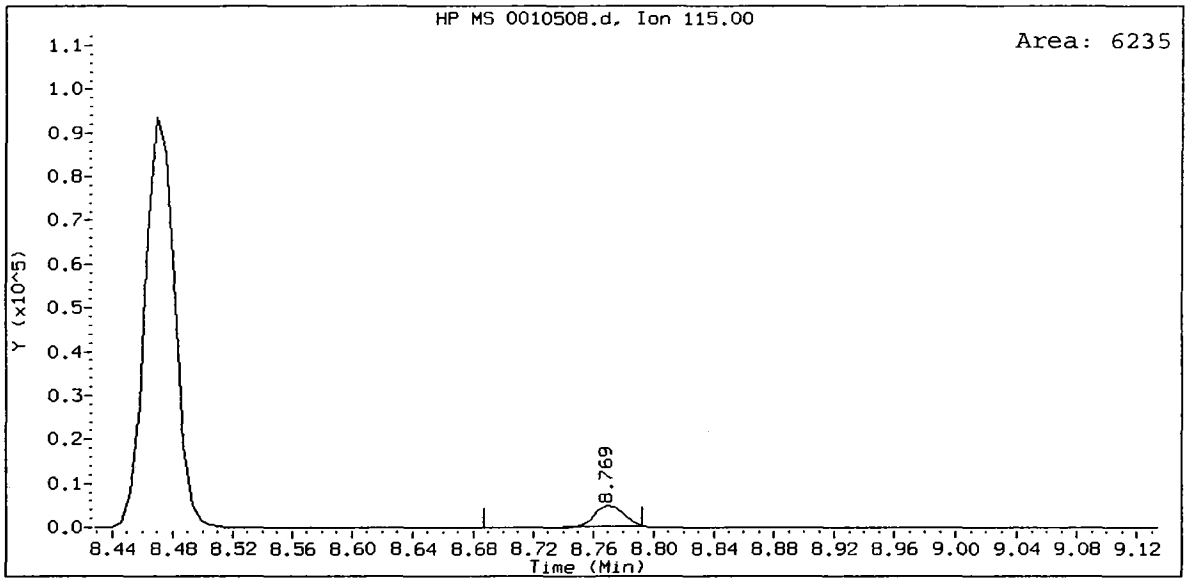
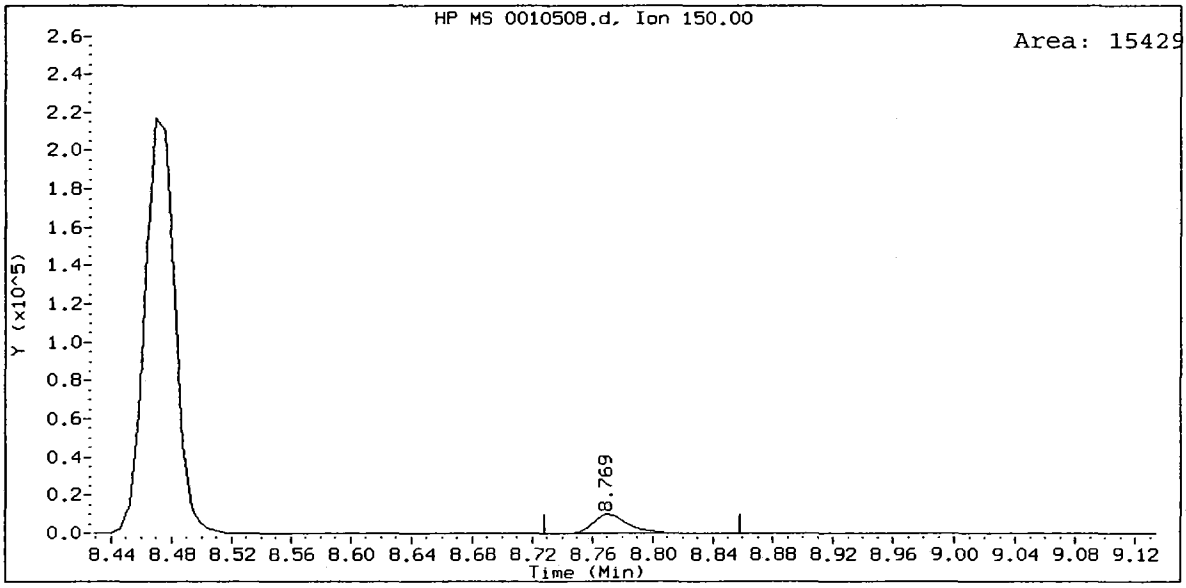
1,2-Dichlorobenzene-d4 Amount: 1.00







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090508.b/0050508.d
Lab Smp Id: ABN 5
Inj Date : 08-MAY-2009 14:13
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : ABN 5
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20090508.b/SW846.m
Meth Date : 11-May-2009 16:19 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 14:13 Cal File: 0050508.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: KSINK.sub
Target Version: 3.50

LJR 5/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	137 d8-1,4-Dioxane	96	3.152	3.205	(0.372)	26889	5.00000	5.124
	143 1,4-Dioxane	88	3.216	3.270	(0.380)	29219	5.00000	5.179
	103 Pyridine	79	3.974	4.004	(0.469)	79197	5.00000	5.263
	90 N-Nitrosodimethylamine	74	3.980	4.057	(0.470)	48024	5.00000	5.229
$	1 2-Fluorophenol	112	6.507	6.525	(0.768)	63262	5.00000	5.194
$	2 Phenol-d5	99	8.005	8.041	(0.945)	88395	5.00000	5.330
	91 Aniline	93	8.017	8.041	(0.947)	124264	5.00000	5.721
	3 Phenol	94	8.023	8.064	(0.947)	104525	5.00000	5.517
	4 Bis(2-Chloroethyl)ether	93	8.128	8.152	(0.960)	75613	5.00000	5.358
$	5 2-Chlorophenol-d4	132	8.164	8.188	(0.964)	53577	5.00000	5.231
	6 2-Chlorophenol	128	8.187	8.211	(0.967)	61124	5.00000	5.230
	179 n-Decane	57	8.293	8.305	(0.979)	81877	5.00000	5.758
	7 1,3-Dichlorobenzene	146	8.410	8.429	(0.993)	67347	5.00000	5.226
*	8 1,4-Dichlorobenzene-d4	152	8.469	8.470	(1.000)	158957	20.0000	
	9 1,4-Dichlorobenzene	146	8.498	8.511	(1.003)	67790	5.00000	5.251
	11 Benzyl alcohol	108	8.733	8.764	(1.031)	47510	5.00000	5.273
$	10 1,2-Dichlorobenzene-d4	152	8.769	8.781	(1.035)	39396	5.00000	5.268 (H)
	12 1,2-Dichlorobenzene	146	8.792	8.805	(1.038)	64195	5.00000	5.288
	13 2-Methylphenol	108	8.957	8.987	(1.058)	64912	5.00000	5.295
	14 2,2'-oxybis(1-Chloropropane)	45	8.998	9.010	(1.062)	96120	5.00000	5.674
	123 Acetophenone	105	9.156	9.187	(1.081)	94380	5.00000	5.358
	15 4-Methylphenol	108	9.186	9.222	(1.085)	68564	5.00000	5.370
	16 N-Nitroso-di-n-propylamine	70	9.209	9.251	(1.087)	60855	5.00000	5.505
	17 Hexachloroethane	117	9.286	9.292	(1.096)	30434	5.00000	5.416
$	18 Nitrobenzene-d5	82	9.392	9.416	(0.893)	85714	5.00000	5.570
	106 Guaiacol	124	9.415	9.439	(1.112)	45042	5.00000	5.392
	19 Nitrobenzene	77	9.421	9.451	(0.896)	88253	5.00000	5.729

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	20 Isophorone	82	9.797	9.839	(0.931)	149869	5.00000	5.468
	21 2-Nitrophenol	139	9.938	9.956	(0.945)	31287	5.00000	5.072
	22 2,4-Dimethylphenol	107	10.026	10.056	(0.953)	72095	5.00000	5.434
	23 Bis(2-Chloroethoxy)methane	93	10.185	10.203	(0.968)	86442	5.00000	5.574
	25 2,4-Dichlorophenol	162	10.314	10.344	(0.980)	46000	5.00000	5.234
	24 Benzoic acid	105	10.167	10.420	(0.966)	86425	10.0000	8.764 (M)
	26 1,2,4-Trichlorobenzene	180	10.455	10.467	(0.994)	53593	5.00000	5.361
*	27 Naphthalene-d8	136	10.520	10.515	(1.000)	542293	20.0000	
	28 Naphthalene	128	10.549	10.567	(1.003)	170933	5.00000	5.538
	144 alpha-Terpineol	59	10.561	10.585	(1.004)	48198	5.00000	5.723
	29 4-Chloroaniline	127	10.678	10.697	(1.015)	70651	5.00000	5.534
	30 Hexachlorobutadiene	225	10.866	10.873	(1.033)	27575	5.00000	5.453
	185 4-Chloroguaiacol	115	11.430	11.443	(1.350)	15609	2.50000	2.593
	31 4-Chloro-3-methylphenol	107	11.477	11.496	(1.091)	58748	5.00000	5.345
	32 2-Methylnaphthalene	141	11.671	11.684	(1.109)	93824	5.00000	5.460
	105 1-methylnaphthalene	141	11.842	11.860	(1.126)	88714	5.00000	5.401
	33 Hexachlorocyclopentadiene	237	12.053	12.060	(0.900)	25412	5.00000	4.717
	34 2,4,6-Trichlorophenol	196	12.176	12.195	(0.909)	30970	5.00000	5.133
	35 2,4,5-Trichlorophenol	196	12.235	12.254	(0.914)	31854	5.00000	4.996
$	36 2-Fluorobiphenyl	172	12.306	12.324	(0.919)	117278	5.00000	5.413
	112 Biphenyl	154	12.447	12.465	(0.929)	141010	5.00000	5.682
	37 2-Chloronaphthalene	162	12.453	12.477	(0.930)	99570	5.00000	5.497
	184 3,4-Dichloroguaiacol	192	12.523	12.541	(1.479)	18656	5.00000	5.150
	113 Diphenyl Oxide	170	12.635	12.653	(0.943)	67874	5.00000	5.411
	38 2-Nitroaniline	65	12.676	12.700	(0.946)	43447	5.00000	5.643
	39 Dimethylphthalate	163	13.040	13.076	(0.974)	109602	5.00000	5.384
	40 Acenaphthylene	152	13.140	13.152	(0.981)	162419	5.00000	5.431
	41 2,6-Dinitrotoluene	165	13.140	13.164	(0.981)	24207	5.00000	5.178
	107 4,5-Dichloroguaiacol	192	13.305	13.335	(0.993)	27827	5.00000	5.257 (M)
	182 4,6-Dichloroguaiacol	192	13.334	13.358	(1.574)	21160	5.00000	5.243
	43 3-Nitroaniline	138	13.352	13.387	(0.997)	28239	5.00000	5.988
*	42 Acenaphthene-d10	164	13.393	13.393	(1.000)	285852	20.0000	
	44 Acenaphthene	153	13.440	13.464	(1.004)	99025	5.00000	5.446
	133 Butylatedhydroxytoluene	205	13.545	13.564	(1.011)	78035	5.00000	5.328
	45 2,4-Dinitrophenol	184	13.516	13.558	(1.009)	19665	10.0000	7.440
	47 4-Nitrophenol	109	13.639	13.670	(1.018)	18009	5.00000	5.013
	46 Dibenzofuran	168	13.704	13.722	(1.023)	140164	5.00000	5.504
	168 Pentachlorobenzene	250	13.745	13.769	(1.026)	36841	5.00000	5.429
	48 2,4-Dinitrotoluene	165	13.769	13.799	(1.028)	32923	5.00000	5.281
	181 3,4,6-Trichloroguaiacol	211	14.074	14.093	(1.662)	16671	5.00000	5.137
	109 3,4,5-Trichloroguaiacol	213	14.192	14.216	(0.899)	18303	5.00000	5.399
	50 Diethylphthalate	149	14.198	14.228	(1.060)	116675	5.00000	5.512
	49 Fluorene	166	14.262	14.281	(1.065)	110392	5.00000	5.502
	51 4-Chlorophenyl-phenylether	204	14.280	14.292	(1.066)	51857	5.00000	5.462
	52 4-Nitroaniline	138	14.345	14.404	(1.071)	27120	5.00000	5.489
	53 4,6-Dinitro-2-methylphenol	198	14.427	14.474	(0.914)	33222	10.0000	9.126
	54 N-Nitrosodiphenylamine	169	14.480	14.510	(0.918)	76604	5.00000	5.324

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	111 Azobenzene (1,2-DP-Hydrazine)	77	14.527	14.551	(1.085)	157204	5.00000	5.699
	115 Tributyl Phosphate	99	14.556	14.598	(0.923)	152203	5.00000	5.563
$	55 2,4,6-Tribromophenol	330	14.685	14.704	(1.097)	13054	5.00000	4.943
	56 4-Bromophenyl-phenylether	248	15.067	15.080	(0.955)	26807	5.00000	5.239
	108 4,5,6-Trichloroguaiacol	213	15.108	15.127	(1.128)	15313	5.00000	5.057
	57 Hexachlorobenzene	284	15.296	15.315	(0.969)	27646	5.00000	5.204
	58 Pentachlorophenol	266	15.584	15.603	(0.988)	15557	5.00000	4.604
	180 n-Octadecane	57	15.661	15.673	(0.993)	84729	5.00000	5.816
	110 Tetrachloroguaiacol	247	15.713	15.738	(0.996)	29975	10.0000	10.77
*	59 Phenanthrene-d10	188	15.778	15.779	(1.000)	442997	20.0000	
	60 Phenanthrene	178	15.813	15.838	(1.002)	152571	5.00000	5.396
	61 Anthracene	178	15.884	15.914	(1.007)	154564	5.00000	5.386
	62 Carbazole	167	16.160	16.184	(1.024)	133291	5.00000	5.488
	186 Carbaryl	144	16.565	16.584	(1.956)	77949	5.00000	5.398
	116 Dibutyl Phenyl Phosphate	175	16.301	16.313	(1.033)	78163	5.00000	5.266
	63 Di-n-butylphthalate	149	16.859	16.872	(1.069)	168385	5.00000	5.369
	64 Fluoranthene	202	17.764	17.782	(1.126)	152061	5.00000	5.424
	93 Benzidine	184	17.993	18.011	(0.895)	73495	5.00000	3.701
	117 Butyl Diphenyl Phosphate	94	17.999	18.011	(0.895)	36125	5.00000	5.595
	65 Pyrene	202	18.122	18.141	(0.901)	155893	5.00000	5.527
$	66 Terphenyl-d14	244	18.422	18.435	(0.916)	89061	5.00000	5.290
	98 Retene	219	18.675	18.687	(0.928)	44363	5.00000	5.118
	67 Butylbenzylphthalate	149	19.292	19.310	(0.959)	68419	5.00000	5.214
	118 Triphenyl Phosphate	326	19.609	19.627	(0.975)	20353	5.00000	5.026
	70 3,3'-Dichlorobenzidine	252	20.079	20.097	(0.998)	45361	5.00000	5.928
	68 Benzo(a)anthracene	228	20.085	20.109	(0.999)	121371	5.00000	5.367
*	69 Chrysene-d12	240	20.114	20.109	(1.000)	327632	20.0000	
	71 Chrysene	228	20.149	20.180	(1.002)	121121	5.00000	5.477
	72 bis(2-Ethylhexyl)phthalate	149	20.285	20.291	(0.956)	93474	5.00000	5.376
*	134 Di-n-octylphthalate-d4	153	21.219	21.220	(1.000)	537562	20.0000	
	73 Di-n-octylphthalate	149	21.231	21.243	(1.001)	156207	5.00000	5.312
	74 Benzo(b)fluoranthene	252	21.748	21.778	(0.976)	125481	5.00000	5.502(H)
	75 Benzo(k)fluoranthene	252	21.783	21.778	(0.978)	124227	5.00000	5.263
	76 Benzo(a)pyrene	252	22.200	22.230	(0.996)	110264	5.00000	5.409
*	77 Perylene-d12	264	22.282	22.283	(1.000)	326401	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	23.980	24.040	(1.076)	135757	5.00000	5.303
	79 Dibenzo(a,h)anthracene	278	24.004	24.069	(1.077)	108170	5.00000	5.183
	80 Benzo(g,h,i)perylene	276	24.456	24.539	(1.098)	121472	5.00000	5.251

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: 0050508.d
Lab Smp Id: ABN 5
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090508.b/SW846.m
Misc Info:

Calibration Date: 08-MAY-2009
Calibration Time: 11:56
Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.
If Continuing Cal. use Initial Cal. Level 4

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	158957	-12.00
27 Naphthalene-d8	633172	316586	1266344	542293	-14.35
42 Acenaphthene-d10	336916	168458	673832	285852	-15.16
59 Phenanthrene-d10	514258	257129	1028516	442997	-13.86
69 Chrysene-d12	376875	188438	753750	327632	-13.07
134 Di-n-octylphthala	640574	320287	1281148	537562	-16.08
77 Perylene-d12	383864	191932	767728	326401	-14.97

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.48	7.98	8.98	8.47	-0.11
27 Naphthalene-d8	10.52	10.02	11.02	10.52	-0.03
42 Acenaphthene-d10	13.40	12.90	13.90	13.39	-0.03
59 Phenanthrene-d10	15.79	15.29	16.29	15.78	-0.06
69 Chrysene-d12	20.12	19.62	20.62	20.11	-0.02
134 Di-n-octylphthala	21.22	20.72	21.72	21.22	-0.02
77 Perylene-d12	22.29	21.79	22.79	22.28	-0.02

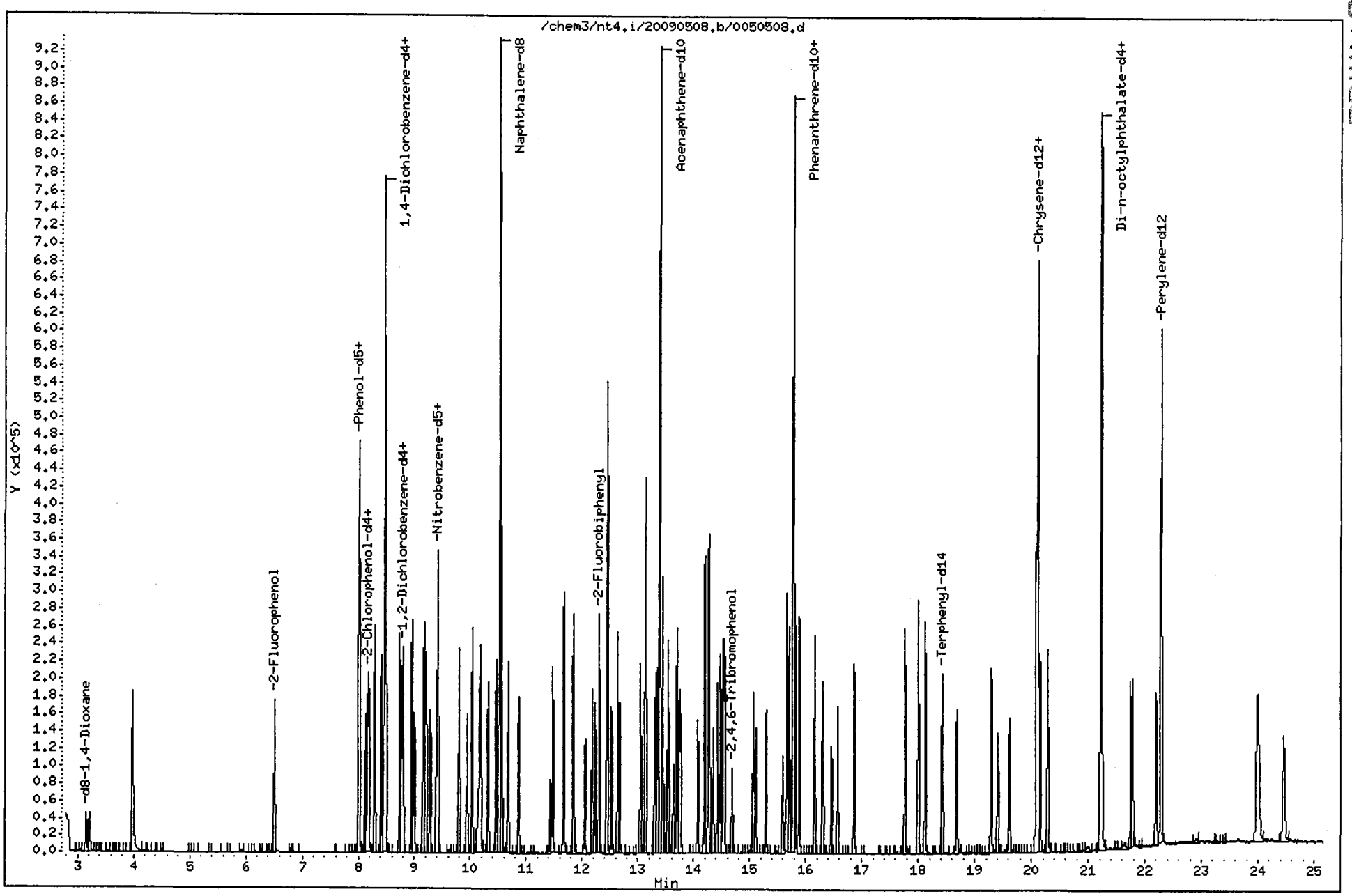
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20090508.b/0050508.d
Date : 08-MAY-2009 14:13
Client ID:
Sample Info: ABN 5

Column phase: ZB-5

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32



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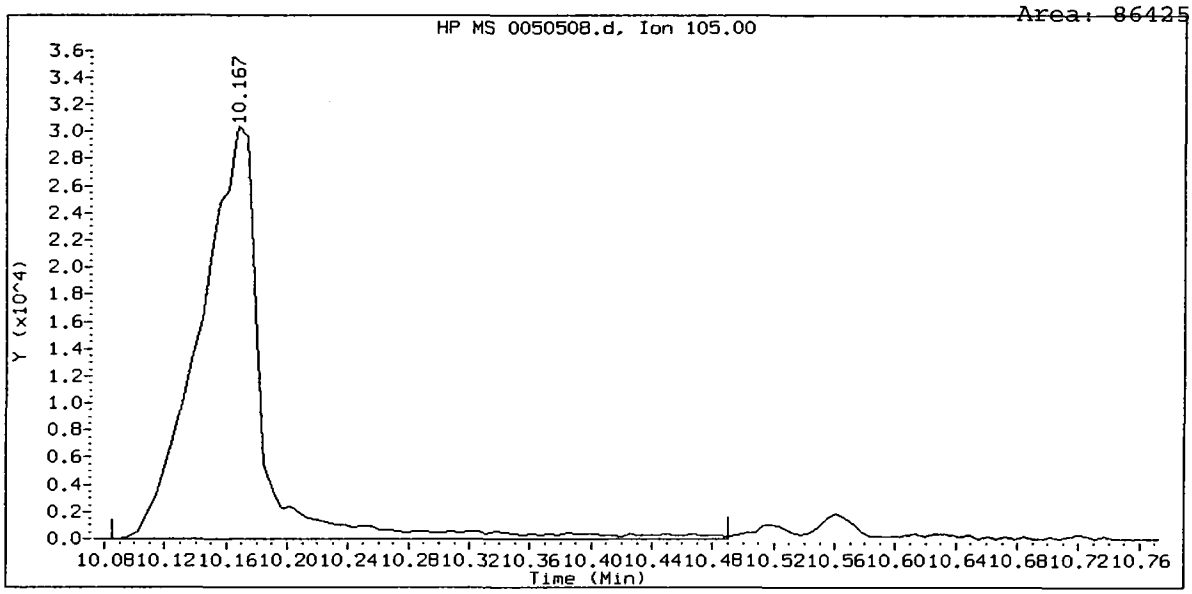
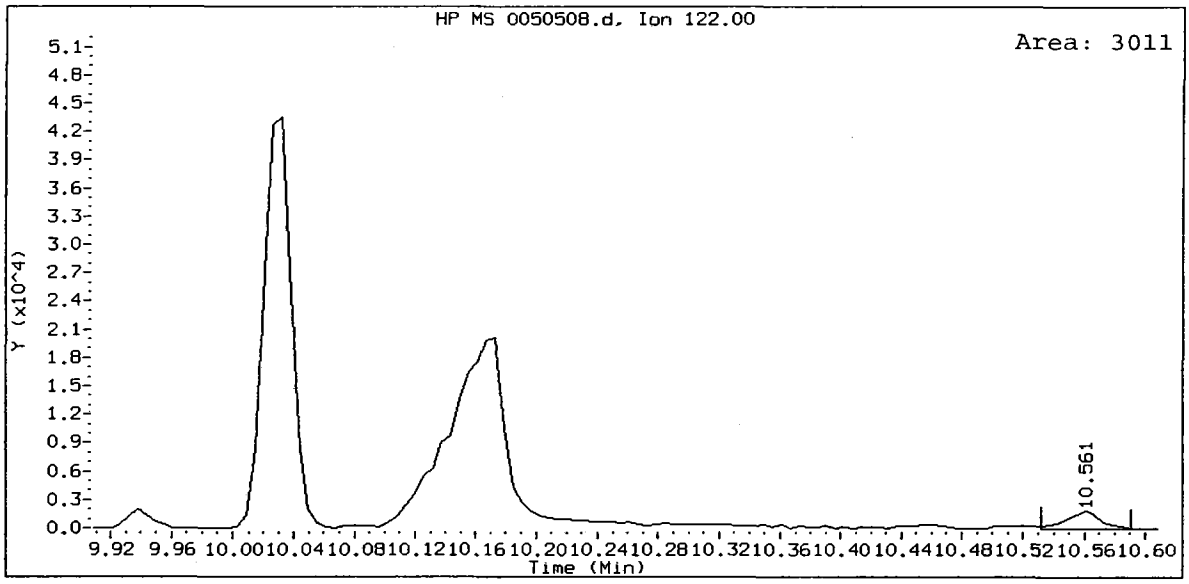
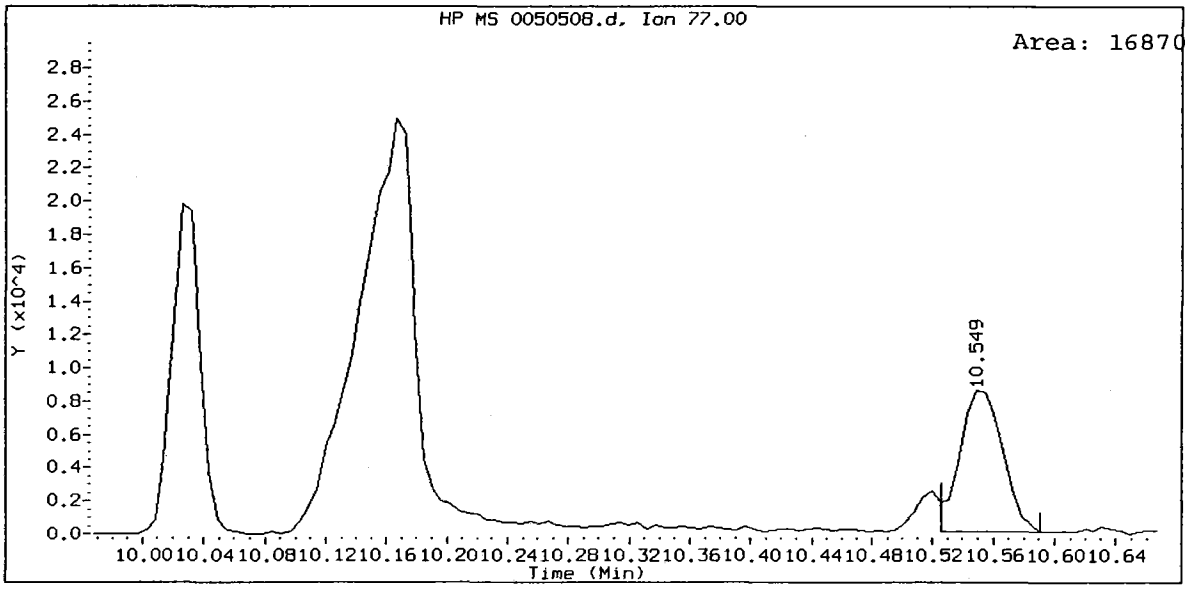
Benzoic acid Amount: 8.76







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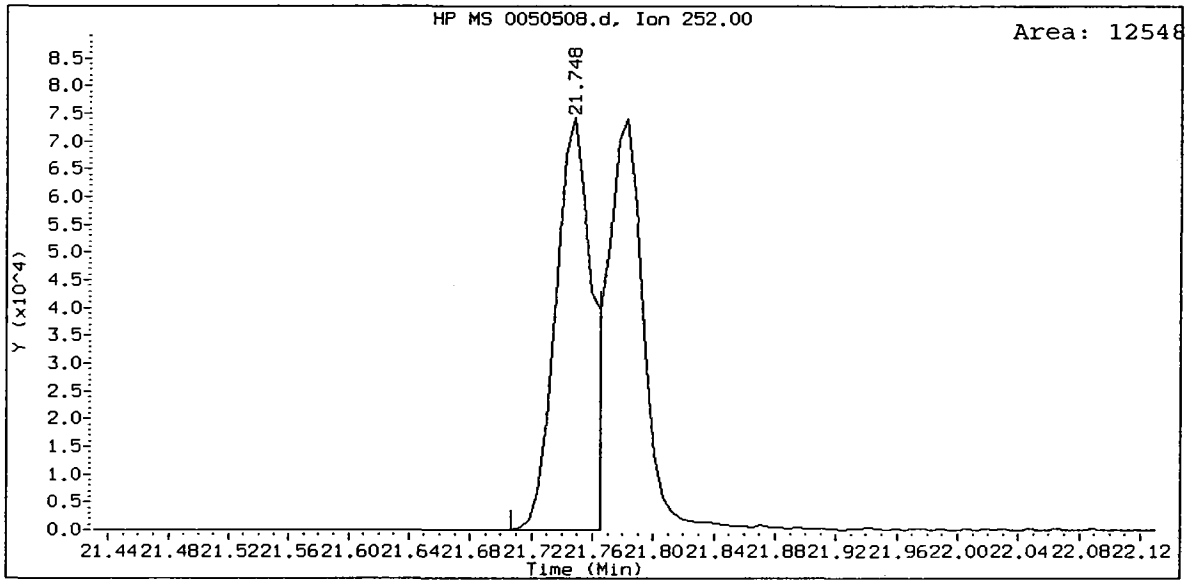
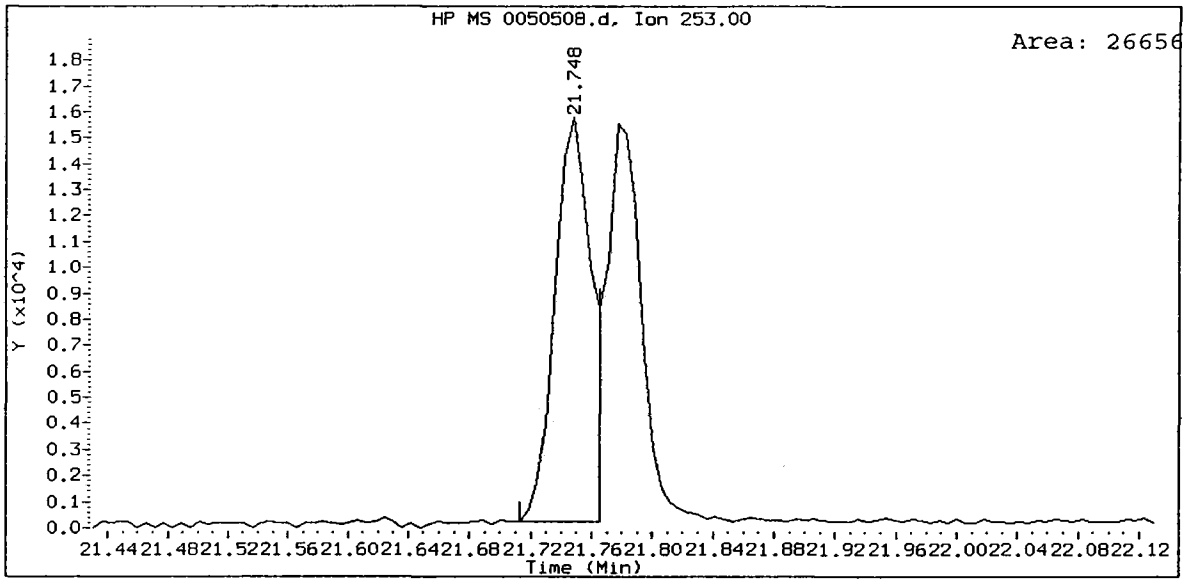
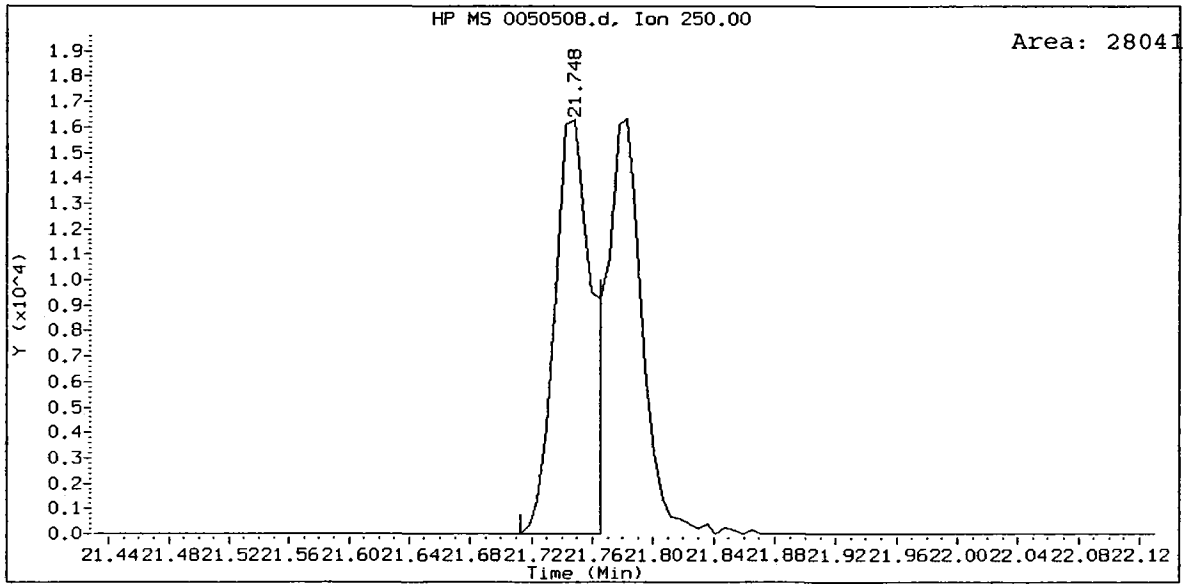
Benzo(b)fluoranthene Amount: 5.50







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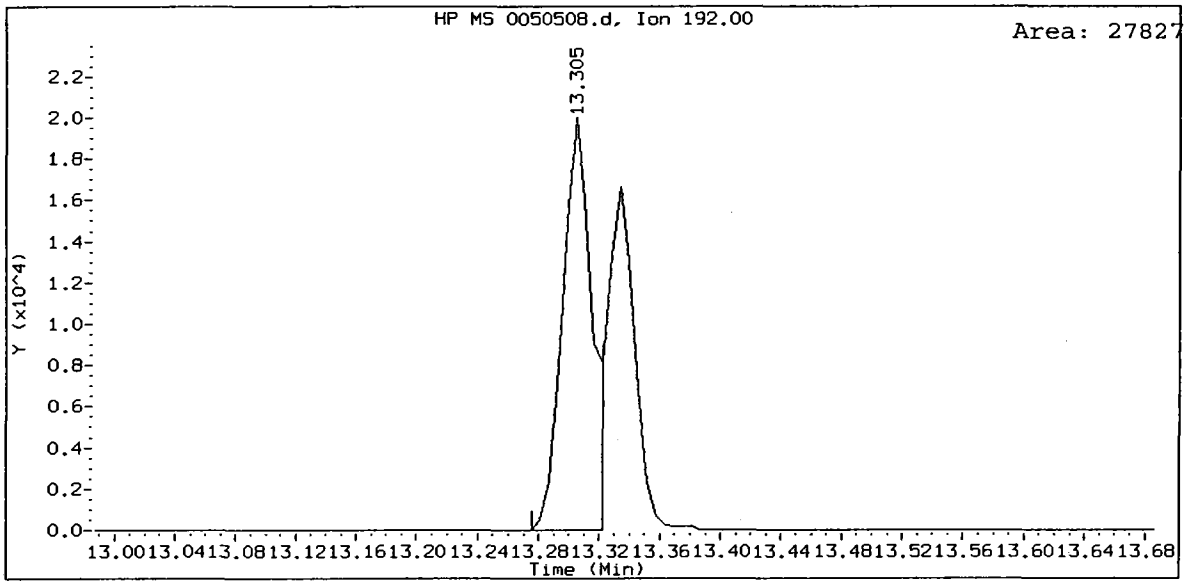
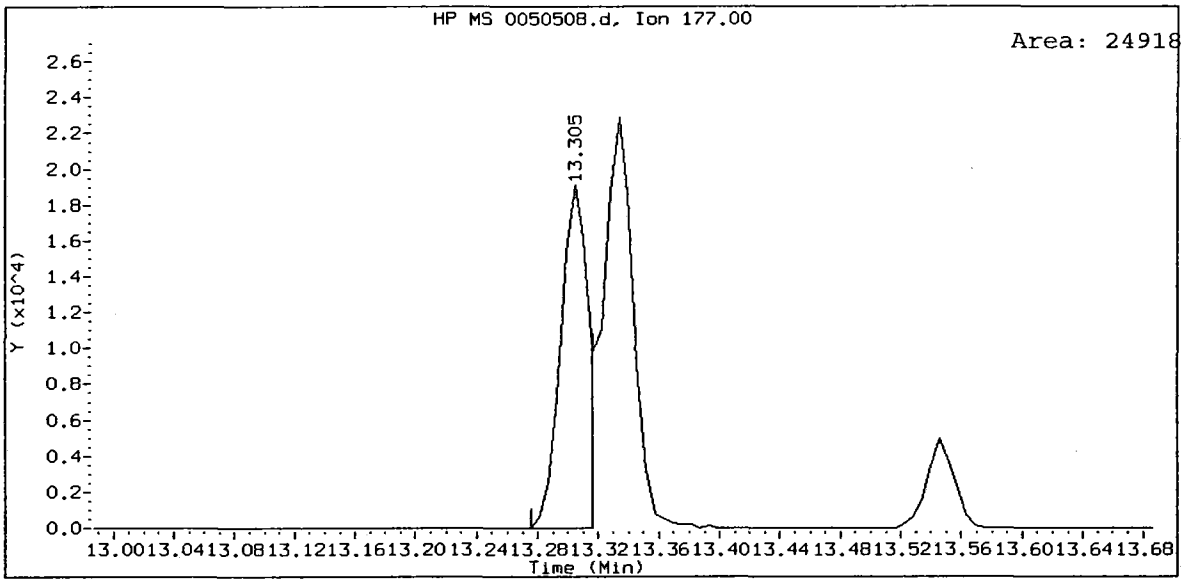
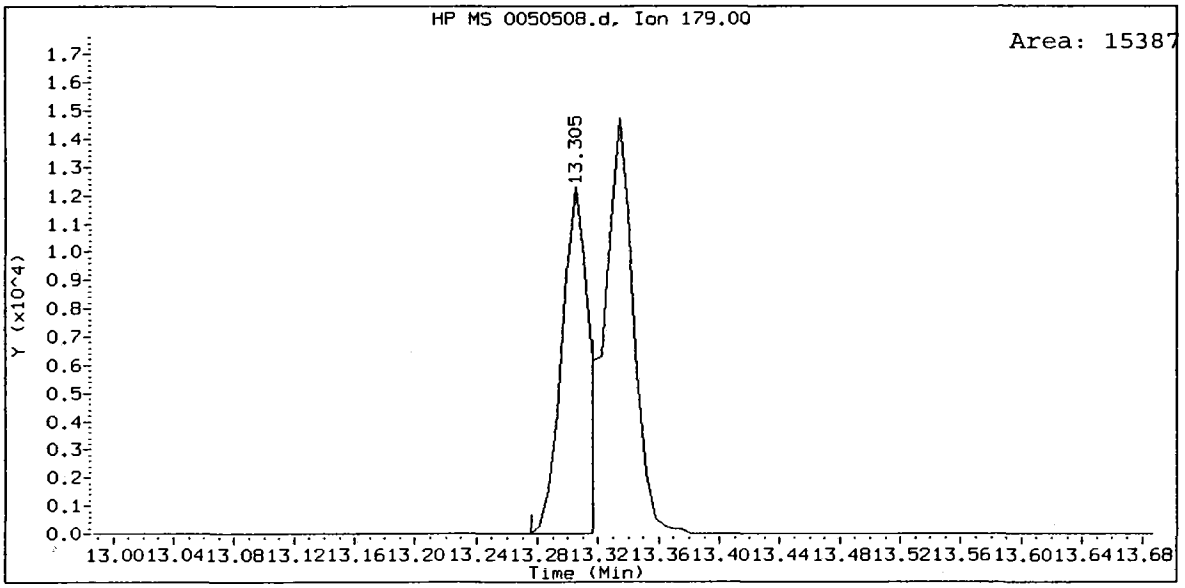
4,5-Dichloroguaiacol Amount: 5.26







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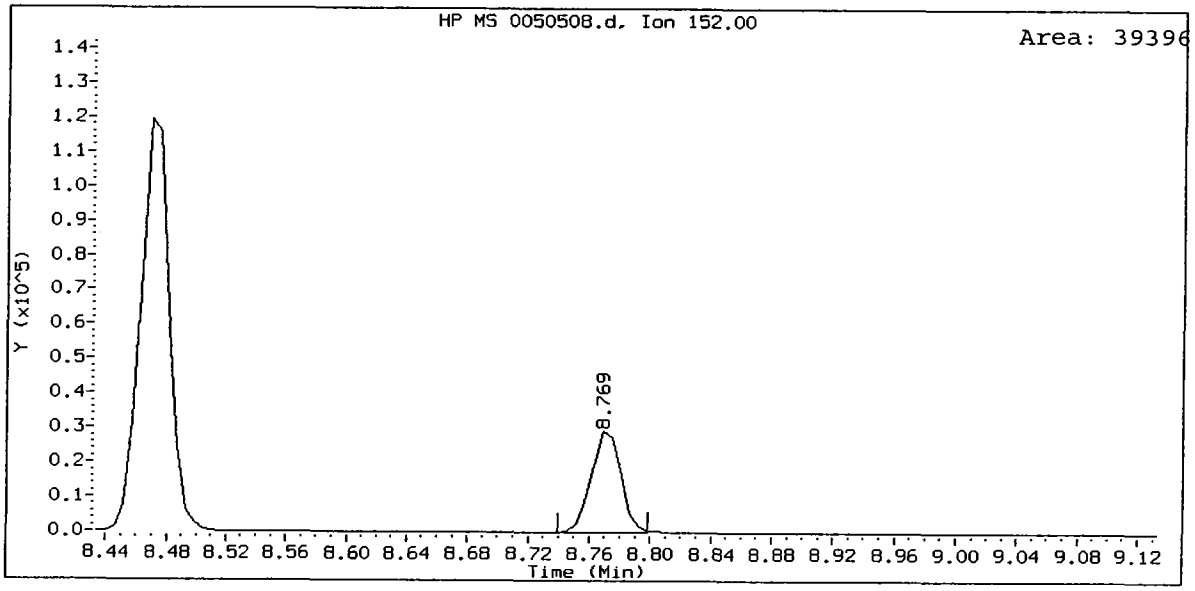
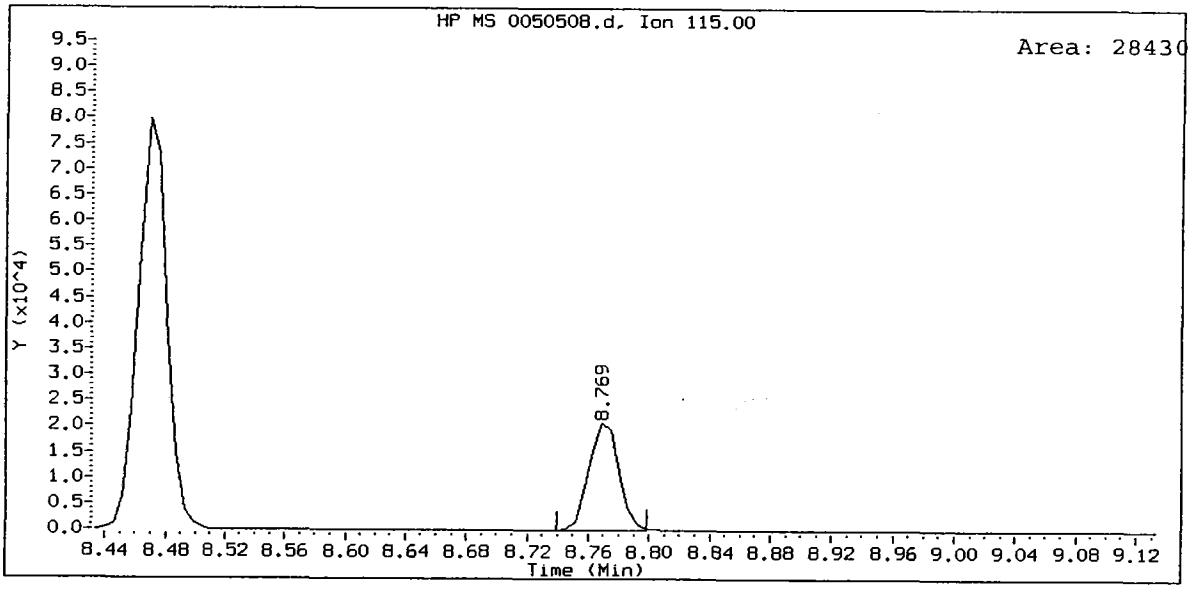
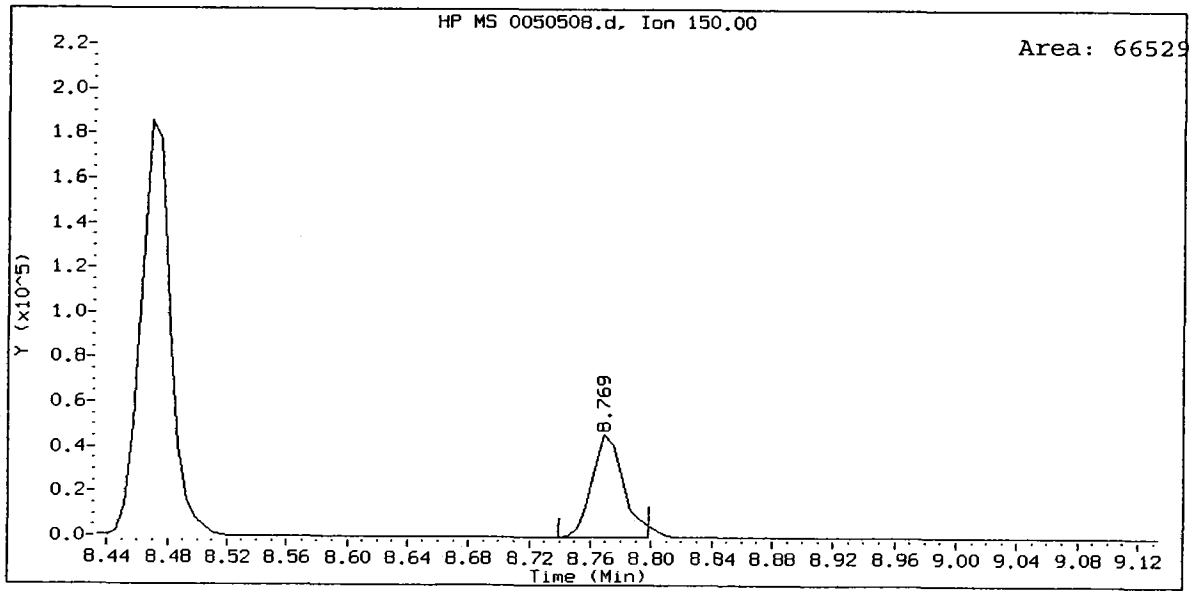
1,2-Dichlorobenzene-d4 Amount: 5.27







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090508.b/0100508.d
Lab Smp Id: ABN 10
Inj Date : 08-MAY-2009 14:48
Operator : LJR/VTS
Inst ID: nt4.i
Smp Info : ABN 10
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20090508.b/SW846.m
Meth Date : 11-May-2009 16:19 jeff
Quant Type: ISTD
Cal Date : 08-MAY-2009 14:48
Cal File: 0100508.d
Als bottle: 6
Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: KSINK.sub
Target Version: 3.50

LJR 5/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	137 d8-1,4-Dioxane	96	3.176	3.205	(0.375)	62285	10.0000	10.32
	143 1,4-Dioxane	88	3.241	3.270	(0.382)	67673	10.0000	10.43
	103 Pyridine	79	3.987	4.004	(0.470)	184385	10.0000	10.65
	90 N-Nitrosodimethylamine	74	4.005	4.057	(0.472)	111768	10.0000	10.58
$	1 2-Fluorophenol	112	6.513	6.525	(0.768)	147742	10.0000	10.55
$	2 Phenol-d5	99	8.006	8.041	(0.945)	211318	10.0000	11.08
	91 Aniline	93	8.023	8.041	(0.947)	275572	10.0000	11.03
	3 Phenol	94	8.023	8.064	(0.947)	236480	10.0000	10.85
	4 Bis(2-Chloroethyl)ether	93	8.129	8.152	(0.959)	172023	10.0000	10.60
$	5 2-Chlorophenol-d4	132	8.170	8.188	(0.964)	126520	10.0000	10.74
	6 2-Chlorophenol	128	8.194	8.211	(0.967)	142021	10.0000	10.56
	179 n-Decane	57	8.294	8.305	(0.978)	182014	10.0000	11.13
	7 1,3-Dichlorobenzene	146	8.411	8.429	(0.992)	154385	10.0000	10.41
*	8 1,4-Dichlorobenzene-d4	152	8.476	8.470	(1.000)	182849	20.0000	
	9 1,4-Dichlorobenzene	146	8.499	8.511	(1.003)	152802	10.0000	10.29
	11 Benzyl alcohol	108	8.734	8.764	(1.030)	110493	10.0000	10.66
$	10 1,2-Dichlorobenzene-d4	152	8.770	8.781	(1.035)	91601	10.0000	10.65
	12 1,2-Dichlorobenzene	146	8.793	8.805	(1.037)	145880	10.0000	10.45
	13 2-Methylphenol	108	8.958	8.987	(1.057)	153350	10.0000	10.87
	14 2,2'-oxybis(1-Chloropropane)	45	8.999	9.010	(1.062)	216247	10.0000	11.10
	123 Acetophenone	105	9.157	9.187	(1.080)	213908	10.0000	10.56
	15 4-Methylphenol	108	9.187	9.222	(1.084)	159271	10.0000	10.84
	16 N-Nitroso-di-n-propylamine	70	9.210	9.251	(1.087)	139199	10.0000	10.95
	17 Hexachloroethane	117	9.287	9.292	(1.096)	68766	10.0000	10.64
$	18 Nitrobenzene-d5	82	9.392	9.416	(0.893)	202505	10.0000	11.04
	106 Guaiacol	124	9.416	9.439	(1.111)	102344	10.0000	10.65
	19 Nitrobenzene	77	9.422	9.451	(0.896)	199891	10.0000	10.88

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	20 Isophorone	82	9.804	9.839	(0.932)	343377	10.0000	10.51
	21 2-Nitrophenol	139	9.939	9.956	(0.945)	75868	10.0000	10.31
	22 2,4-Dimethylphenol	107	10.033	10.056	(0.954)	169464	10.0000	10.71
	23 Bis(2-Chloroethoxy)methane	93	10.186	10.203	(0.968)	195143	10.0000	10.55
	25 2,4-Dichlorophenol	162	10.321	10.344	(0.981)	109524	10.0000	10.45
	24 Benzoic acid	105	10.215	10.420	(0.971)	232111	20.0000	19.74 (M)
	26 1,2,4-Trichlorobenzene	180	10.456	10.467	(0.994)	123983	10.0000	10.40
*	27 Naphthalene-d8	136	10.521	10.515	(1.000)	646620	20.0000	
	28 Naphthalene	128	10.550	10.567	(1.003)	381835	10.0000	10.38
	144 alpha-Terpineol	59	10.562	10.585	(1.004)	113473	10.0000	11.30
	29 4-Chloroaniline	127	10.679	10.697	(1.015)	162558	10.0000	10.68
	30 Hexachlorobutadiene	225	10.867	10.873	(1.033)	62174	10.0000	10.31
	185 4-Chloroguaiacol	115	11.431	11.443	(1.349)	36352	5.00000	5.249
	31 4-Chloro-3-methylphenol	107	11.478	11.496	(1.091)	140701	10.0000	10.74
	32 2-Methylnaphthalene	141	11.672	11.684	(1.109)	218259	10.0000	10.65
	105 1-methylnaphthalene	141	11.848	11.860	(1.126)	204806	10.0000	10.46
	33 Hexachlorocyclopentadiene	237	12.054	12.060	(0.900)	65169	10.0000	10.10
	34 2,4,6-Trichlorophenol	196	12.177	12.195	(0.909)	72880	10.0000	10.08
	35 2,4,5-Trichlorophenol	196	12.236	12.254	(0.914)	79027	10.0000	10.35
$	36 2-Fluorobiphenyl	172	12.313	12.324	(0.919)	282619	10.0000	10.89
	112 Biphenyl	154	12.448	12.465	(0.929)	325923	10.0000	10.96
	37 2-Chloronaphthalene	162	12.454	12.477	(0.930)	225370	10.0000	10.39
	184 3,4-Dichloroguaiacol	192	12.530	12.541	(1.478)	43503	10.0000	10.44
	113 Diphenyl Oxide	170	12.642	12.653	(0.944)	157400	10.0000	10.47
	38 2-Nitroaniline	65	12.677	12.700	(0.946)	101347	10.0000	10.99
	39 Dimethylphthalate	163	13.047	13.076	(0.974)	253900	10.0000	10.41
	40 Acenaphthylene	152	13.135	13.152	(0.981)	380686	10.0000	10.63
	41 2,6-Dinitrotoluene	165	13.141	13.164	(0.981)	58040	10.0000	10.36
	107 4,5-Dichloroguaiacol	192	13.305	13.335	(0.993)	62320	10.0000	9.828
	182 4,6-Dichloroguaiacol	192	13.335	13.358	(1.573)	52465	10.0000	11.30
	43 3-Nitroaniline	138	13.352	13.387	(0.997)	66900	10.0000	11.84
*	42 Acenaphthene-d10	164	13.394	13.393	(1.000)	342448	20.0000	
	44 Acenaphthene	153	13.441	13.464	(1.004)	227926	10.0000	10.46
	133 Butylatedhydroxytoluene	205	13.546	13.564	(1.011)	190198	10.0000	10.84
	45 2,4-Dinitrophenol	184	13.523	13.558	(1.010)	60468	20.0000	19.10
	47 4-Nitrophenol	109	13.640	13.670	(1.018)	44282	10.0000	10.29
	46 Dibenzofuran	168	13.705	13.722	(1.023)	328092	10.0000	10.75
	168 Pentachlorobenzene	250	13.746	13.769	(1.026)	84570	10.0000	10.40
	48 2,4-Dinitrotoluene	165	13.770	13.799	(1.028)	76926	10.0000	10.30
	181 3,4,6-Trichloroguaiacol	211	14.075	14.093	(1.661)	39642	10.0000	10.62
	109 3,4,5-Trichloroguaiacol	213	14.193	14.216	(0.899)	43134	10.0000	10.62
	50 Diethylphthalate	149	14.204	14.228	(1.061)	269037	10.0000	10.61
	49 Fluorene	166	14.263	14.281	(1.065)	256931	10.0000	10.69
	51 4-Chlorophenyl-phenylether	204	14.281	14.292	(1.066)	119812	10.0000	10.53
	52 4-Nitroaniline	138	14.351	14.404	(1.071)	61122	10.0000	10.33
	53 4,6-Dinitro-2-methylphenol	198	14.428	14.474	(0.914)	88293	20.0000	20.24
	54 N-Nitrosodiphenylamine	169	14.481	14.510	(0.918)	179502	10.0000	10.41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
111	Azobenzene (1,2-DP-Hydrazine)	77	14.533	14.551	(1.085)	361649	10.0000	10.94
115	Tributyl Phosphate	99	14.557	14.598	(0.923)	358259	10.0000	10.93
$ 55	2,4,6-Tribromophenol	330	14.686	14.704	(1.097)	33260	10.0000	10.51
56	4-Bromophenyl-phenylether	248	15.068	15.080	(0.955)	63916	10.0000	10.42
108	4,5,6-Trichloroguaiacol	213	15.109	15.127	(1.128)	38418	10.0000	10.59
57	Hexachlorobenzene	284	15.297	15.315	(0.969)	67086	10.0000	10.54
58	Pentachlorophenol	266	15.585	15.603	(0.988)	40485	10.0000	9.998
180	n-Octadecane	57	15.662	15.673	(0.993)	196775	10.0000	11.27
110	Tetrachloroguaiacol	247	15.714	15.738	(0.996)	70711	20.0000	21.19
* 59	Phenanthrene-d10	188	15.779	15.779	(1.000)	530886	20.0000	
60	Phenanthrene	178	15.814	15.838	(1.002)	353439	10.0000	10.43
61	Anthracene	178	15.891	15.914	(1.007)	361459	10.0000	10.51
62	Carbazole	167	16.161	16.184	(1.024)	300611	10.0000	10.33
186	Carbaryl	144	16.566	16.584	(1.955)	191947	10.0000	11.09
116	Dibutyl Phenyl Phosphate	175	16.302	16.313	(1.033)	190052	10.0000	10.68
63	Di-n-butylphthalate	149	16.860	16.872	(1.068)	398887	10.0000	10.61
64	Fluoranthene	202	17.765	17.782	(1.126)	348190	10.0000	10.36
93	Benzidine	184	17.994	18.011	(0.895)	135097	10.0000	8.512
117	Butyl Diphenyl Phosphate	94	18.000	18.011	(0.895)	85478	10.0000	10.88
65	Pyrene	202	18.123	18.141	(0.901)	356493	10.0000	10.38
$ 66	Terphenyl-d14	244	18.423	18.435	(0.916)	218968	10.0000	10.69
98	Retene	219	18.676	18.687	(0.928)	109907	10.0000	10.42
67	Butylbenzylphthalate	149	19.293	19.310	(0.959)	165952	10.0000	10.39
118	Triphenyl Phosphate	326	19.616	19.627	(0.975)	50511	10.0000	10.25
70	3,3'-Dichlorobenzidine	252	20.080	20.097	(0.998)	104367	10.0000	11.21
68	Benzo(a)anthracene	228	20.086	20.109	(0.999)	284310	10.0000	10.33
* 69	Chrysene-d12	240	20.115	20.109	(1.000)	398786	20.0000	
71	Chrysene	228	20.156	20.180	(1.002)	280685	10.0000	10.43
72	bis(2-Ethylhexyl)phthalate	149	20.286	20.291	(0.956)	220674	10.0000	10.35
* 134	Di-n-octylphthalate-d4	153	21.220	21.220	(1.000)	659218	20.0000	
73	Di-n-octylphthalate	149	21.232	21.243	(1.001)	374935	10.0000	10.40
74	Benzo(b)fluoranthene	252	21.749	21.778	(0.976)	285064	10.0000	10.24
75	Benzo(k)fluoranthene	252	21.784	21.778	(0.978)	308847	10.0000	10.72
76	Benzo(a)pyrene	252	22.207	22.230	(0.997)	263644	10.0000	10.59
* 77	Perylene-d12	264	22.283	22.283	(1.000)	398544	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.987	24.040	(1.076)	316104	10.0000	10.11
79	Dibenzo(a,h)anthracene	278	24.005	24.069	(1.077)	261921	10.0000	10.28
80	Benzo(g,h,i)perylene	276	24.469	24.539	(1.098)	287451	10.0000	10.18

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: 0100508.d
Lab Smp Id: ABN 10
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090508.b/SW846.m
Misc Info:

Calibration Date: 08-MAY-2009
Calibration Time: 11:56

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.
If Continuing Cal. use Initial Cal. Level 4

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	182849	1.23
27 Naphthalene-d8	633172	316586	1266344	646620	2.12
42 Acenaphthene-d10	336916	168458	673832	342448	1.64
59 Phenanthrene-d10	514258	257129	1028516	530886	3.23
69 Chrysene-d12	376875	188438	753750	398786	5.81
134 Di-n-octylphthala	640574	320287	1281148	659218	2.91
77 Perylene-d12	383864	191932	767728	398544	3.82

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.48	7.98	8.98	8.48	-0.03
27 Naphthalene-d8	10.52	10.02	11.02	10.52	-0.02
42 Acenaphthene-d10	13.40	12.90	13.90	13.39	-0.02
59 Phenanthrene-d10	15.79	15.29	16.29	15.78	-0.05
69 Chrysene-d12	20.12	19.62	20.62	20.12	-0.01
134 Di-n-octylphthala	21.22	20.72	21.72	21.22	-0.01
77 Perylene-d12	22.29	21.79	22.79	22.28	-0.01

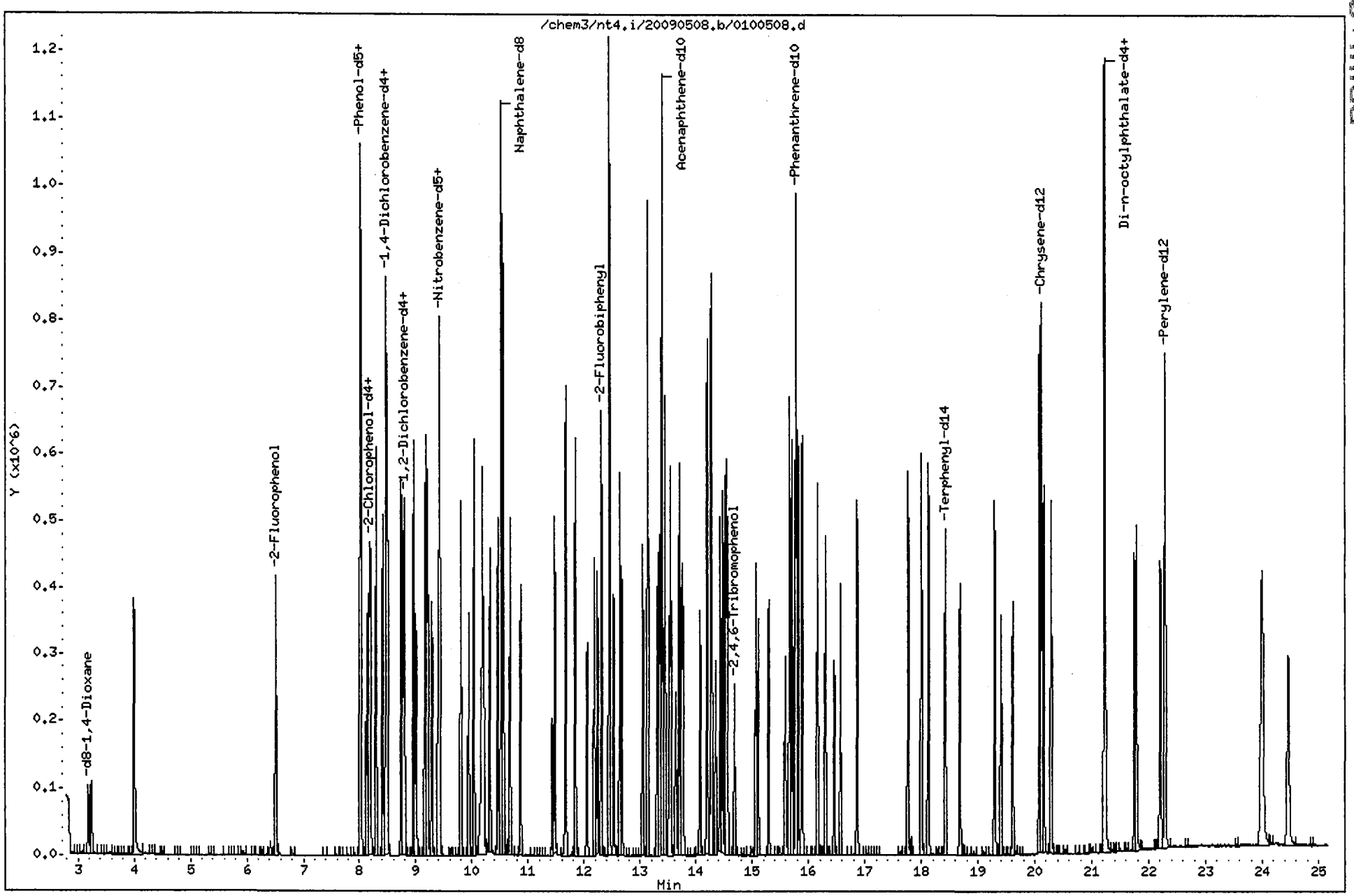
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20090508.b/0100508.d
Date : 08-MAY-2009 14:48
Client ID:
Sample Info: ABN 10

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32

Column phase: ZB-5



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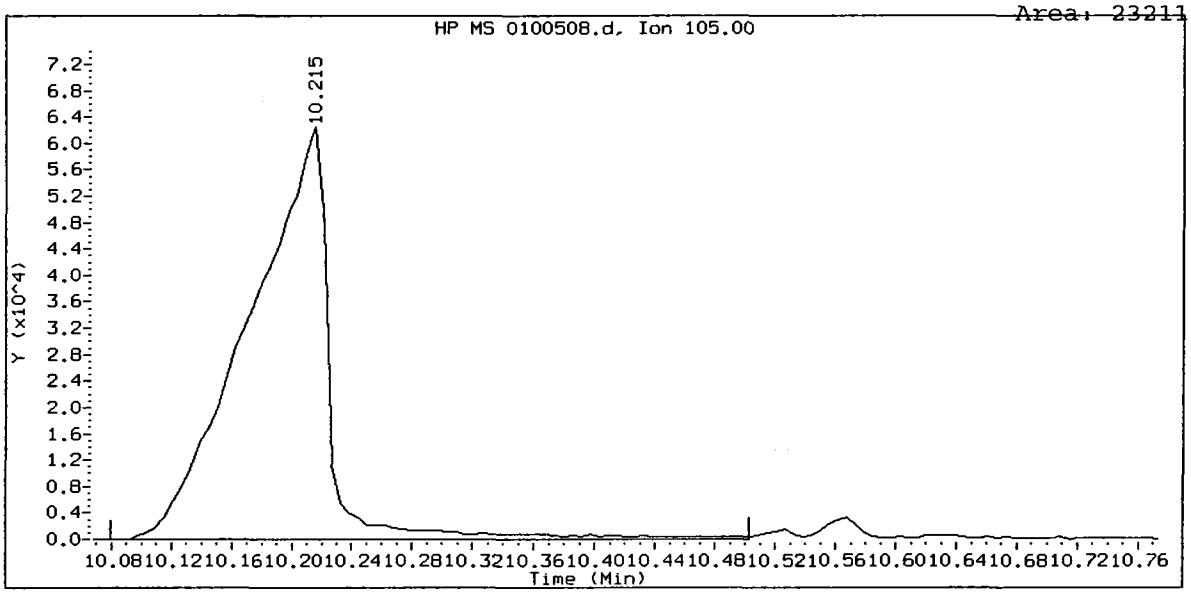
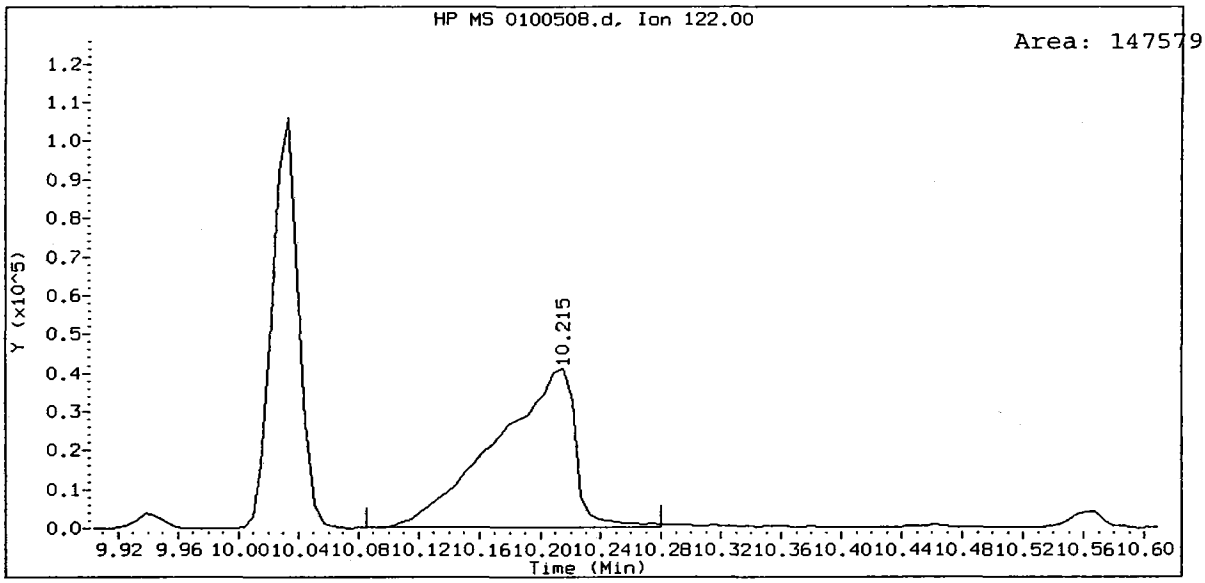
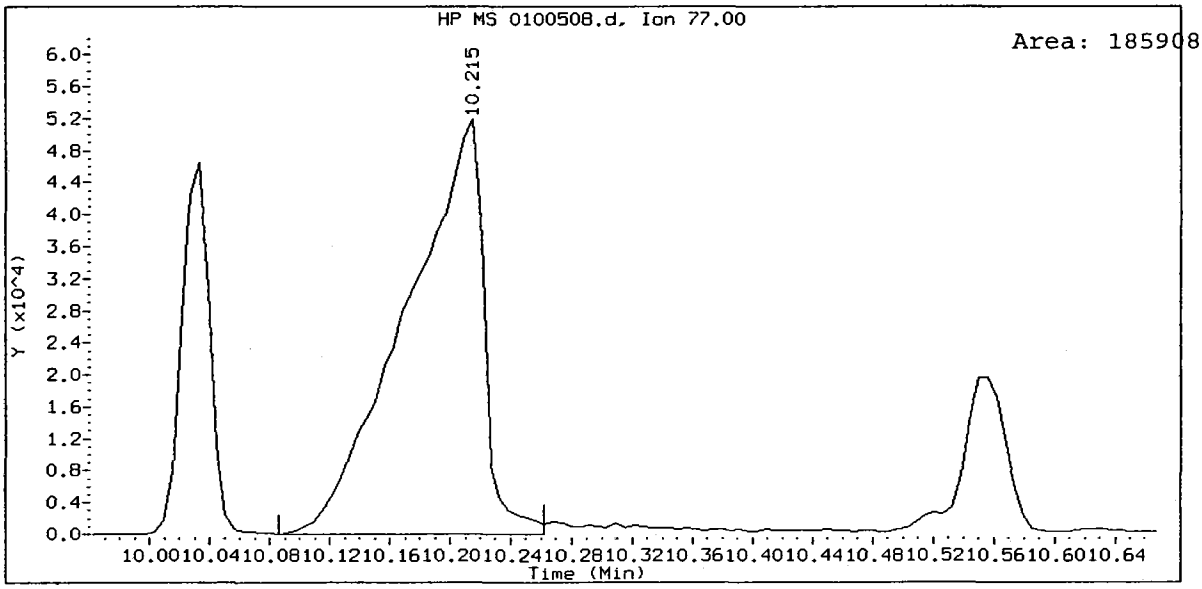
Benzoic acid Amount: 19.74







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090508.b/0250508.d
Lab Smp Id: ABN 25
Inj Date : 08-MAY-2009 11:56
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20090508.b/SW846.m
Meth Date : 11-May-2009 16:19 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 11:56 Cal File: 0250508.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: KSINK.sub
Target Version: 3.50

LJR 5/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$ 137	d8-1,4-Dioxane	96	3.179	3.205	(0.375)	145907	25.0000	24.47
143	1,4-Dioxane	88	3.243	3.270	(0.383)	158075	25.0000	24.65
103	Pyridine	79	3.984	4.004	(0.470)	427848	25.0000	25.02
90	N-Nitrosodimethylamine	74	4.013	4.057	(0.473)	259351	25.0000	24.85
$ 1	2-Fluorophenol	112	6.516	6.525	(0.769)	348040	25.0000	25.15
$ 2	Phenol-d5	99	8.014	8.041	(0.945)	477013	25.0000	25.31
91	Aniline	93	8.026	8.041	(0.947)	612910	25.0000	24.83
3	Phenol	94	8.038	8.064	(0.948)	536979	25.0000	24.94
4	Bis(2-Chloroethyl)ether	93	8.137	8.152	(0.960)	399341	25.0000	24.90
$ 5	2-Chlorophenol-d4	132	8.173	8.188	(0.964)	287790	25.0000	24.73
6	2-Chlorophenol	128	8.196	8.211	(0.967)	332989	25.0000	25.07
179	n-Decane	57	8.296	8.305	(0.978)	396414	25.0000	24.53
7	1,3-Dichlorobenzene	146	8.420	8.429	(0.993)	363969	25.0000	24.85
* 8	1,4-Dichlorobenzene-d4	152	8.478	8.470	(1.000)	180629	20.0000	
9	1,4-Dichlorobenzene	146	8.502	8.511	(1.003)	364087	25.0000	24.82
11	Benzyl alcohol	108	8.743	8.764	(1.031)	256818	25.0000	25.08
$ 10	1,2-Dichlorobenzene-d4	152	8.778	8.781	(1.035)	210334	25.0000	24.75
12	1,2-Dichlorobenzene	146	8.796	8.805	(1.037)	340041	25.0000	24.65
13	2-Methylphenol	108	8.966	8.987	(1.058)	350272	25.0000	25.15
14	2,2'-oxybis(1-Chloropropane)	45	9.001	9.010	(1.062)	473664	25.0000	24.60
123	Acetophenone	105	9.166	9.187	(1.081)	499055	25.0000	24.93
15	4-Methylphenol	108	9.195	9.222	(1.085)	368516	25.0000	25.40
16	N-Nitroso-di-n-propylamine	70	9.219	9.251	(1.087)	305957	25.0000	24.36
17	Hexachloroethane	117	9.283	9.292	(1.095)	160577	25.0000	25.15
$ 18	Nitrobenzene-d5	82	9.401	9.416	(0.893)	447191	25.0000	24.89
106	Guaiacol	124	9.424	9.439	(1.112)	238203	25.0000	25.10
19	Nitrobenzene	77	9.430	9.451	(0.896)	436257	25.0000	24.25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	20 Isophorone	82	9.812	9.839	(0.932)	787860	25.0000	24.62
	21 2-Nitrophenol	139	9.947	9.956	(0.945)	179779	25.0000	24.96
	22 2,4-Dimethylphenol	107	10.035	10.056	(0.954)	388899	25.0000	25.11
	23 Bis(2-Chloroethoxy)methane	93	10.188	10.203	(0.968)	444607	25.0000	24.56
	25 2,4-Dichlorophenol	162	10.323	10.344	(0.981)	260690	25.0000	25.40
	24 Benzoic acid	105	10.282	10.420	(0.977)	605363	50.0000	52.58 (M)
	26 1,2,4-Trichlorobenzene	180	10.464	10.467	(0.994)	289575	25.0000	24.81
*	27 Naphthalene-d8	136	10.523	10.515	(1.000)	633172	20.0000	
	28 Naphthalene	128	10.552	10.567	(1.003)	893180	25.0000	24.79
	144 alpha-Terpineol	59	10.570	10.585	(1.004)	239150	25.0000	24.32
	29 4-Chloroaniline	127	10.682	10.697	(1.015)	370357	25.0000	24.85
	30 Hexachlorobutadiene	225	10.864	10.873	(1.032)	146162	25.0000	24.76
	185 4-Chloroguaiacol	115	11.434	11.443	(1.349)	85661	12.5000	12.52
	31 4-Chloro-3-methylphenol	107	11.481	11.496	(1.091)	325284	25.0000	25.35
	32 2-Methylnaphthalene	141	11.675	11.684	(1.109)	499166	25.0000	24.88
	105 1-methylnaphthalene	141	11.851	11.860	(1.126)	477415	25.0000	24.90
	33 Hexachlorocyclopentadiene	237	12.056	12.060	(0.900)	163714	25.0000	25.78
	34 2,4,6-Trichlorophenol	196	12.186	12.195	(0.910)	177663	25.0000	24.98
	35 2,4,5-Trichlorophenol	196	12.239	12.254	(0.914)	191453	25.0000	25.48
$	36 2-Fluorobiphenyl	172	12.315	12.324	(0.919)	630403	25.0000	24.68
	112 Biphenyl	154	12.450	12.465	(0.929)	734923	25.0000	25.13
	37 2-Chloronaphthalene	162	12.462	12.477	(0.930)	527051	25.0000	24.69
	184 3,4-Dichloroguaiacol	192	12.532	12.541	(1.478)	105266	25.0000	25.57
	113 Diphenyl Oxide	170	12.644	12.653	(0.944)	359900	25.0000	24.34
	38 2-Nitroaniline	65	12.685	12.700	(0.947)	224151	25.0000	24.70
	39 Dimethylphthalate	163	13.049	13.076	(0.974)	590166	25.0000	24.60
	40 Acenaphthylene	152	13.143	13.152	(0.981)	877350	25.0000	24.89
	41 2,6-Dinitrotoluene	165	13.149	13.164	(0.982)	135815	25.0000	24.65
	107 4,5-Dichloroguaiacol	192	13.314	13.335	(0.994)	157973	25.0000	25.32
	182 4,6-Dichloroguaiacol	192	13.343	13.358	(1.574)	116158	25.0000	25.33
	43 3-Nitroaniline	138	13.367	13.387	(0.998)	143229	25.0000	25.77 (M)
*	42 Acenaphthene-d10	164	13.396	13.393	(1.000)	336916	20.0000	
	44 Acenaphthene	153	13.449	13.464	(1.004)	529556	25.0000	24.71
	133 Butylatedhydroxytoluene	205	13.555	13.564	(1.012)	433324	25.0000	25.10
	45 2,4-Dinitrophenol	184	13.531	13.558	(1.010)	169148	50.0000	54.30
	47 4-Nitrophenol	109	13.649	13.670	(1.019)	107404	25.0000	25.37
	46 Dibenzofuran	168	13.707	13.722	(1.023)	736334	25.0000	24.53
	168 Pentachlorobenzene	250	13.754	13.769	(1.027)	194706	25.0000	24.34
	48 2,4-Dinitrotoluene	165	13.778	13.799	(1.028)	179633	25.0000	24.45
	181 3,4,6-Trichloroguaiacol	211	14.078	14.093	(1.660)	94489	25.0000	25.62
	109 3,4,5-Trichloroguaiacol	213	14.201	14.216	(0.900)	100339	25.0000	25.50
	50 Diethylphthalate	149	14.213	14.228	(1.061)	620051	25.0000	24.85
	49 Fluorene	166	14.271	14.281	(1.065)	585393	25.0000	24.75
	51 4-Chlorophenyl-phenylether	204	14.283	14.292	(1.066)	275141	25.0000	24.59
	52 4-Nitroaniline	138	14.365	14.404	(1.072)	145544	25.0000	24.99
	53 4,6-Dinitro-2-methylphenol	198	14.442	14.474	(0.915)	219593	50.0000	51.96
	54 N-Nitrosodiphenylamine	169	14.489	14.510	(0.918)	413952	25.0000	24.78

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS *ON-COL* (ug/mL)
	111 Azobenzene (1,2-DP-Hydrazine)	77	14.536	14.551	(1.085)	798906	25.0000	24.57
	115 Tributyl Phosphate	99	14.571	14.598	(0.923)	796429	25.0000	25.08
$	55 2,4,6-Tribromophenol	330	14.689	14.704	(1.096)	77270	25.0000	24.83
	56 4-Bromophenyl-phenylether	248	15.071	15.080	(0.955)	148986	25.0000	25.08
	108 4,5,6-Trichloroguaiacol	213	15.112	15.127	(1.128)	92811	25.0000	26.01
	57 Hexachlorobenzene	284	15.300	15.315	(0.969)	153562	25.0000	24.90
	58 Pentachlorophenol	266	15.593	15.603	(0.988)	102734	25.0000	26.19
	180 n-Octadecane	57	15.664	15.673	(0.992)	422540	25.0000	24.99
	110 Tetrachloroguaiacol	247	15.723	15.738	(0.996)	164592	50.0000	50.93
*	59 Phenanthrene-d10	188	15.787	15.779	(1.000)	514258	20.0000	
	60 Phenanthrene	178	15.823	15.838	(1.002)	810528	25.0000	24.70
	61 Anthracene	178	15.893	15.914	(1.007)	833782	25.0000	25.03
	62 Carbazole	167	16.169	16.184	(1.024)	693281	25.0000	24.59
	186 Carbaryl	144	16.575	16.584	(1.955)	452814	25.0000	27.01
	116 Dibutyl Phenyl Phosphate	175	16.304	16.313	(1.033)	441133	25.0000	25.60
	63 Di-n-butylphthalate	149	16.863	16.872	(1.068)	925867	25.0000	25.43
	64 Fluoranthene	202	17.767	17.782	(1.125)	822469	25.0000	25.27
	93 Benzidine	184	18.002	18.011	(0.895)	300506	25.0000	27.79
	117 Butyl Diphenyl Phosphate	94	18.002	18.011	(0.895)	190240	25.0000	25.62
	65 Pyrene	202	18.126	18.141	(0.901)	824753	25.0000	25.42
$	66 Terphenyl-d14	244	18.425	18.435	(0.916)	487537	25.0000	25.18
	98 Retene	219	18.678	18.687	(0.928)	256310	25.0000	25.71
	67 Butylbenzylphthalate	149	19.301	19.310	(0.959)	383338	25.0000	25.40
	118 Triphenyl Phosphate	326	19.618	19.627	(0.975)	119396	25.0000	25.63
	70 3,3'-Dichlorobenzidine	252	20.088	20.097	(0.999)	218325	25.0000	24.80
	68 Benzo(a)anthracene	228	20.094	20.109	(0.999)	650662	25.0000	25.01
*	69 Chrysene-d12	240	20.118	20.109	(1.000)	376875	20.0000	
	71 Chrysene	228	20.159	20.180	(1.002)	628227	25.0000	24.69
	72 bis(2-Ethylhexyl)phthalate	149	20.288	20.291	(0.956)	517929	25.0000	25.00
*	134 Di-n-octylphthalate-d4	153	21.222	21.220	(1.000)	640574	20.0000	
	73 Di-n-octylphthalate	149	21.234	21.243	(1.001)	860145	25.0000	24.55
	74 Benzo(b)fluoranthene	252	21.757	21.778	(0.976)	666220	25.0000	24.84
	75 Benzo(k)fluoranthene	252	21.792	21.778	(0.978)	654665	25.0000	23.59
	76 Benzo(a)pyrene	252	22.209	22.230	(0.997)	592126	25.0000	24.70
*	77 Perylene-d12	264	22.286	22.283	(1.000)	383864	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	24.001	24.040	(1.077)	741192	25.0000	24.62
	79 Dibenzo(a,h)anthracene	278	24.025	24.069	(1.078)	611011	25.0000	24.89
	80 Benzo(g,h,i)perylene	276	24.483	24.539	(1.099)	666462	25.0000	24.50

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: 0250508.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090508.b/SW846.m
Misc Info:

Calibration Date: 08-MAY-2009
Calibration Time: 11:56

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.
If Continuing Cal. use Initial Cal. Level 4

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	180629	0.00
27 Naphthalene-d8	633172	316586	1266344	633172	0.00
42 Acenaphthene-d10	336916	168458	673832	336916	0.00
59 Phenanthrene-d10	514258	257129	1028516	514258	0.00
69 Chrysene-d12	376875	188438	753750	376875	0.00
134 Di-n-octylphthala	640574	320287	1281148	640574	0.00
77 Perylene-d12	383864	191932	767728	383864	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.48	7.98	8.98	8.48	0.00
27 Naphthalene-d8	10.52	10.02	11.02	10.52	0.00
42 Acenaphthene-d10	13.40	12.90	13.90	13.40	0.00
59 Phenanthrene-d10	15.79	15.29	16.29	15.79	0.00
69 Chrysene-d12	20.12	19.62	20.62	20.12	0.00
134 Di-n-octylphthala	21.22	20.72	21.72	21.22	0.00
77 Perylene-d12	22.29	21.79	22.79	22.29	0.00

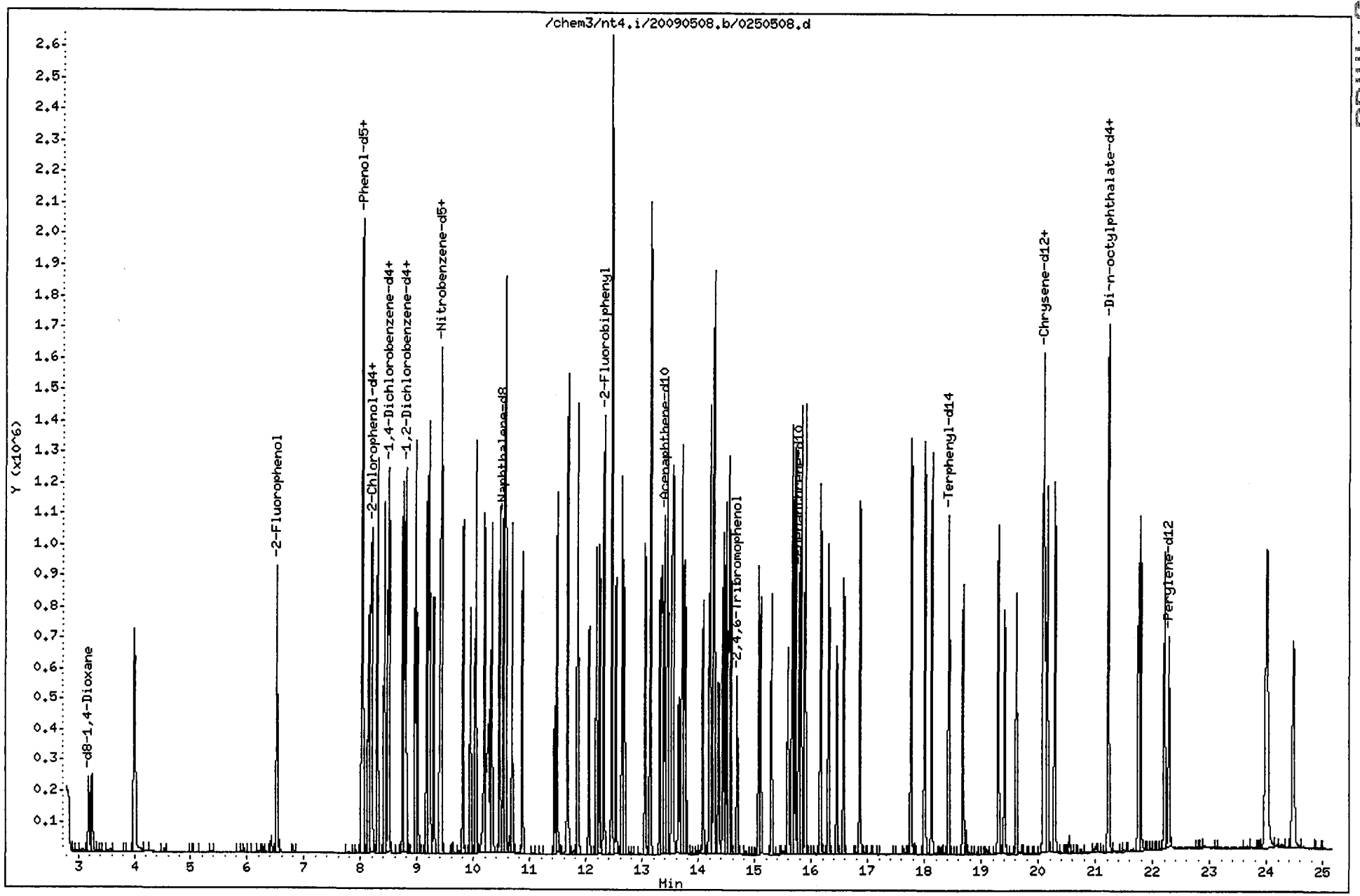
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20090508.b/0250508.d
Date : 08-MAY-2009 11:56
Client ID:
Sample Info: ABN 25

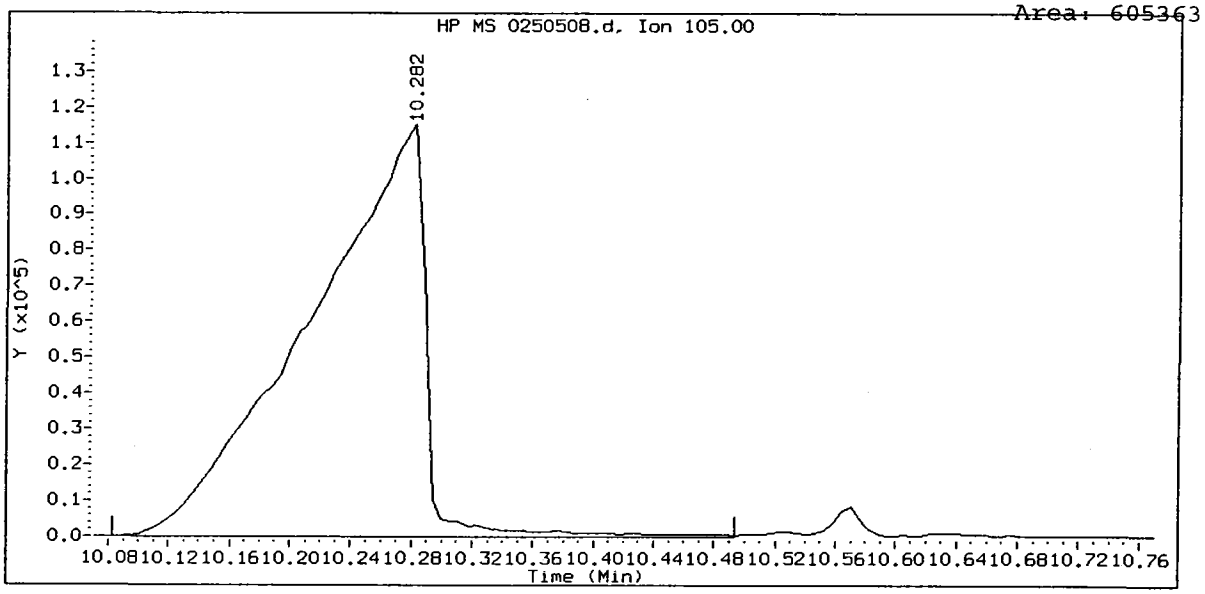
Column phase: ZB-5

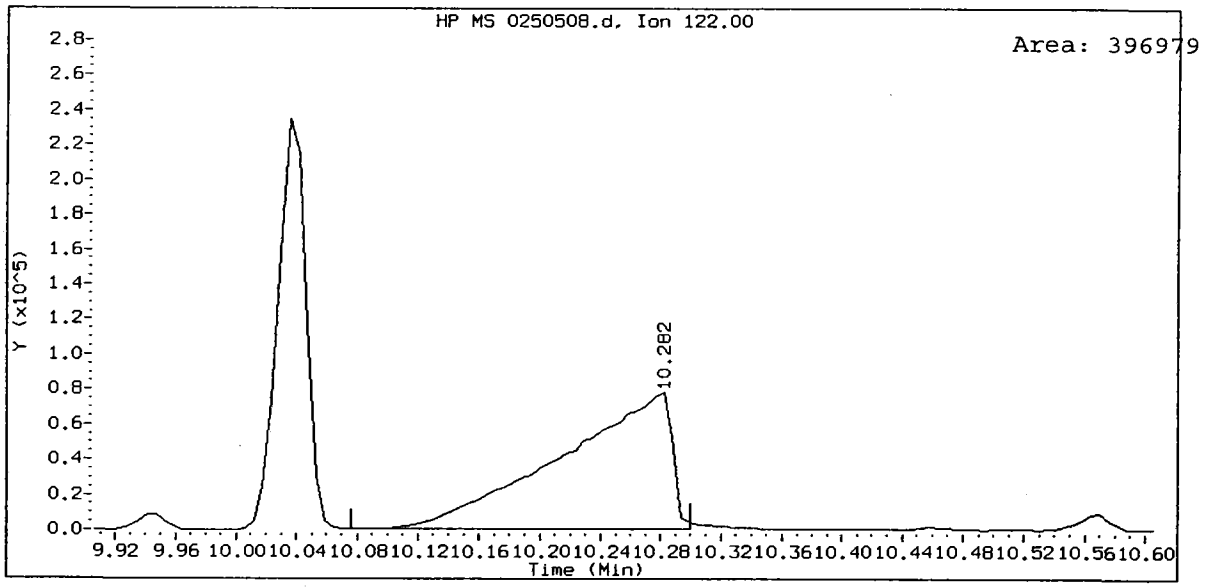
Instrument: nt4.i

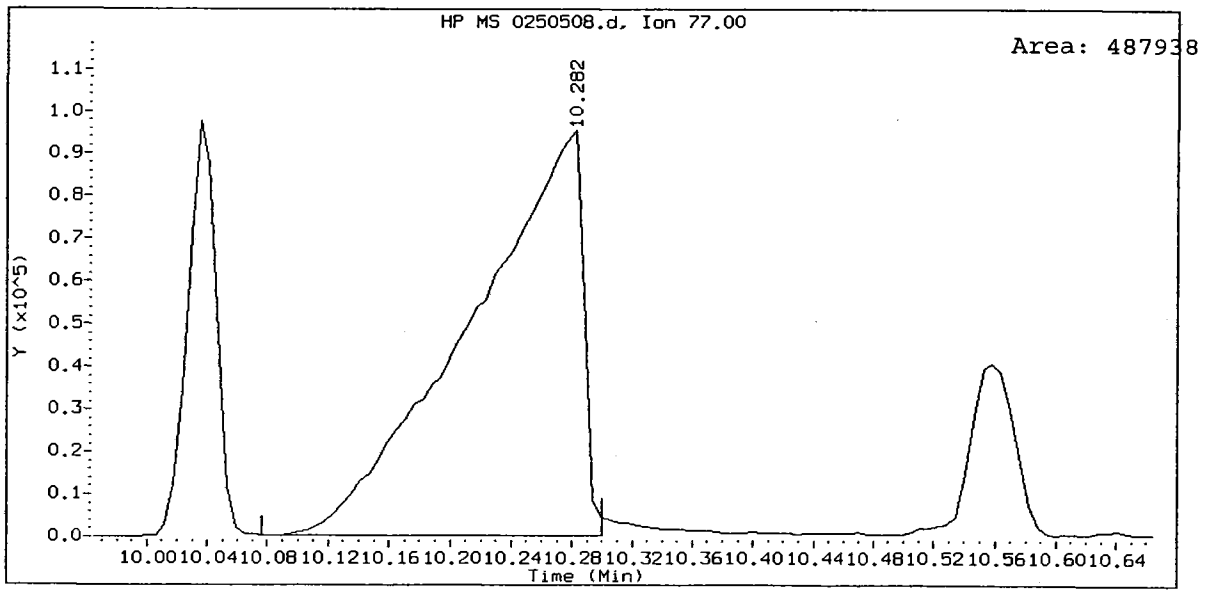
Operator: LJR/VTS
Column diameter: 0.32



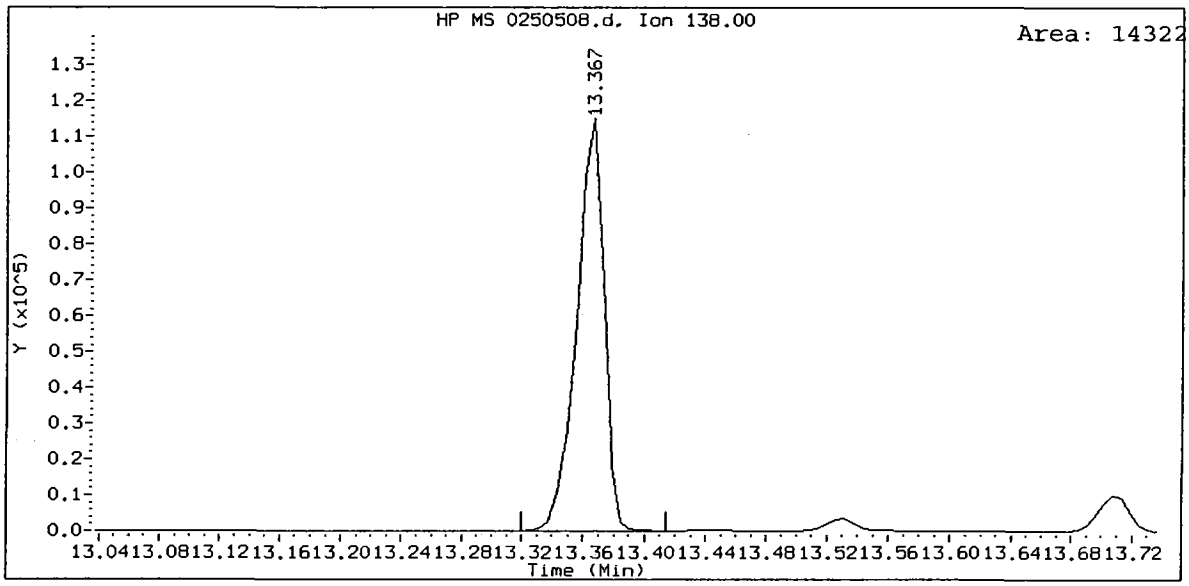
ABN 25, /chem3/nt4.i/20090508.b/0250508.d
Benzoic acid Amount: 52.58

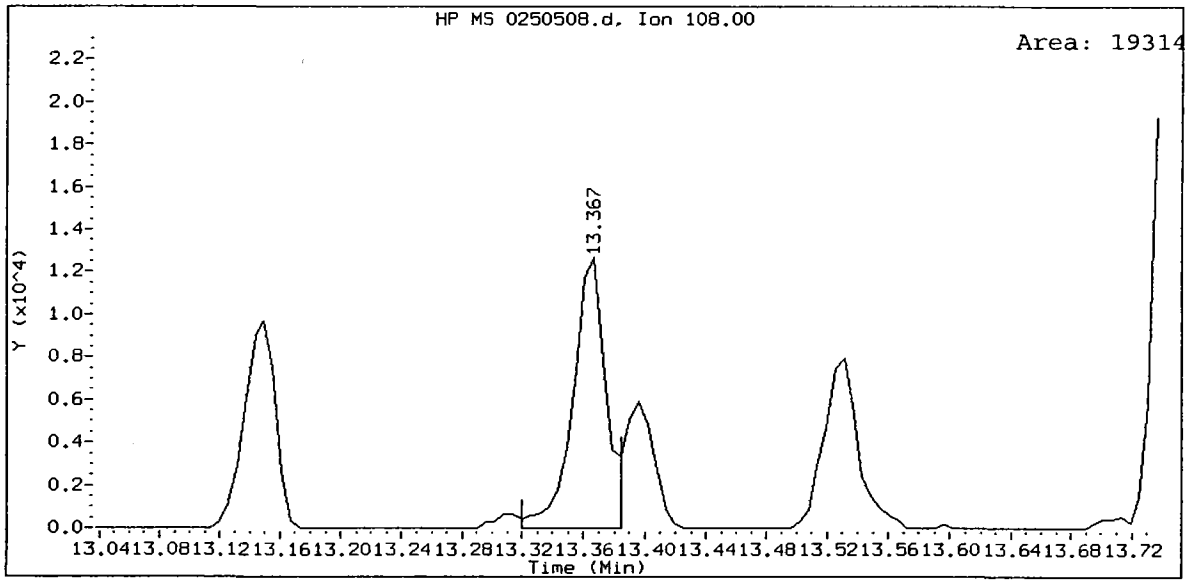


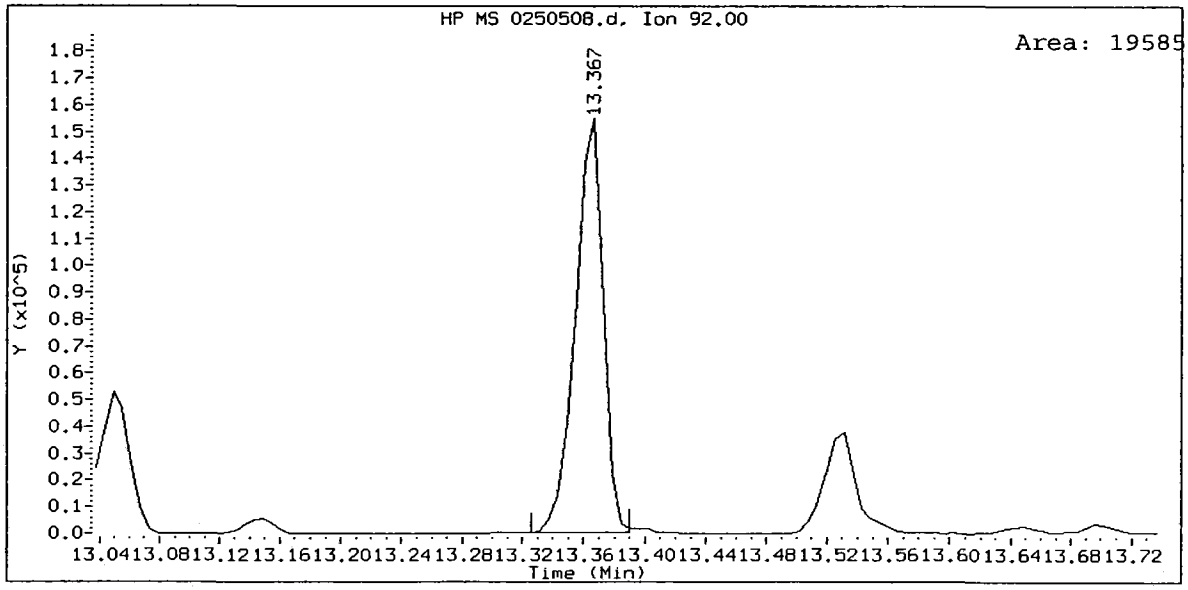




ABN 25, /chem3/nt4.i/20090508.b/0250508.d
3-Nitroaniline Amount: 25.77







Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt4.i/20090508.b/ddt.b/0250508.d
Method: /chem3/nt4.i/20090508.b/ddt.b/sw846ddt.m
Analysis Date: 08-MAY-2009 11:56

ARI ID: ABN 25
Misc:
Instrument: nt4.i

COMPOUND	RT	AREA
Pentachlorophenol	15.593	102734
Benzidine	18.002	300506
4,4'-DDE	----	----
4,4'-DDD	18.931	2893
4,4'-DDT	19.407	206413

LTK 5/11/09

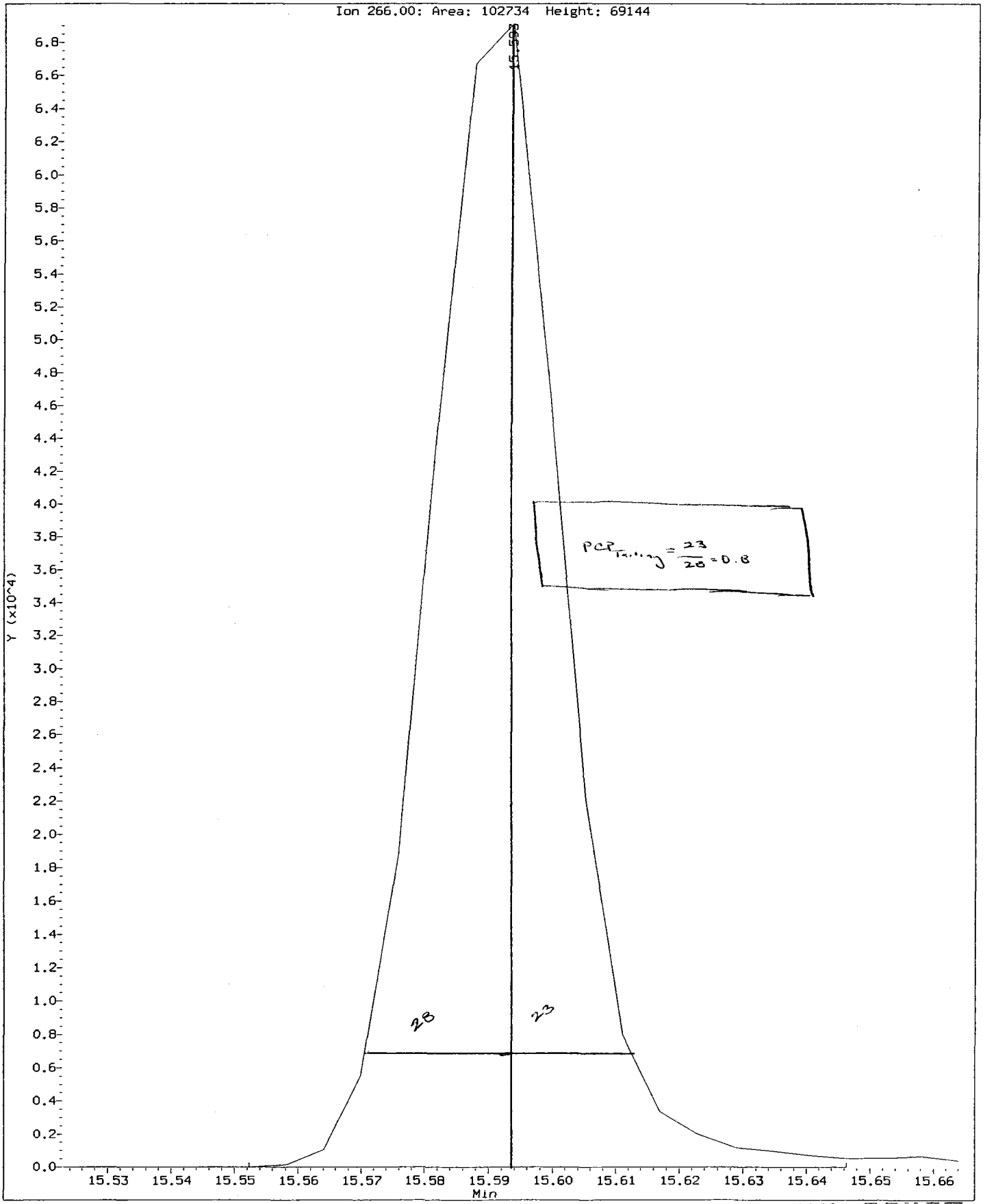
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 2893) * 100}{(0 + 2893 + 206413)}$$

DDT Percent Breakdown = 1.4 %

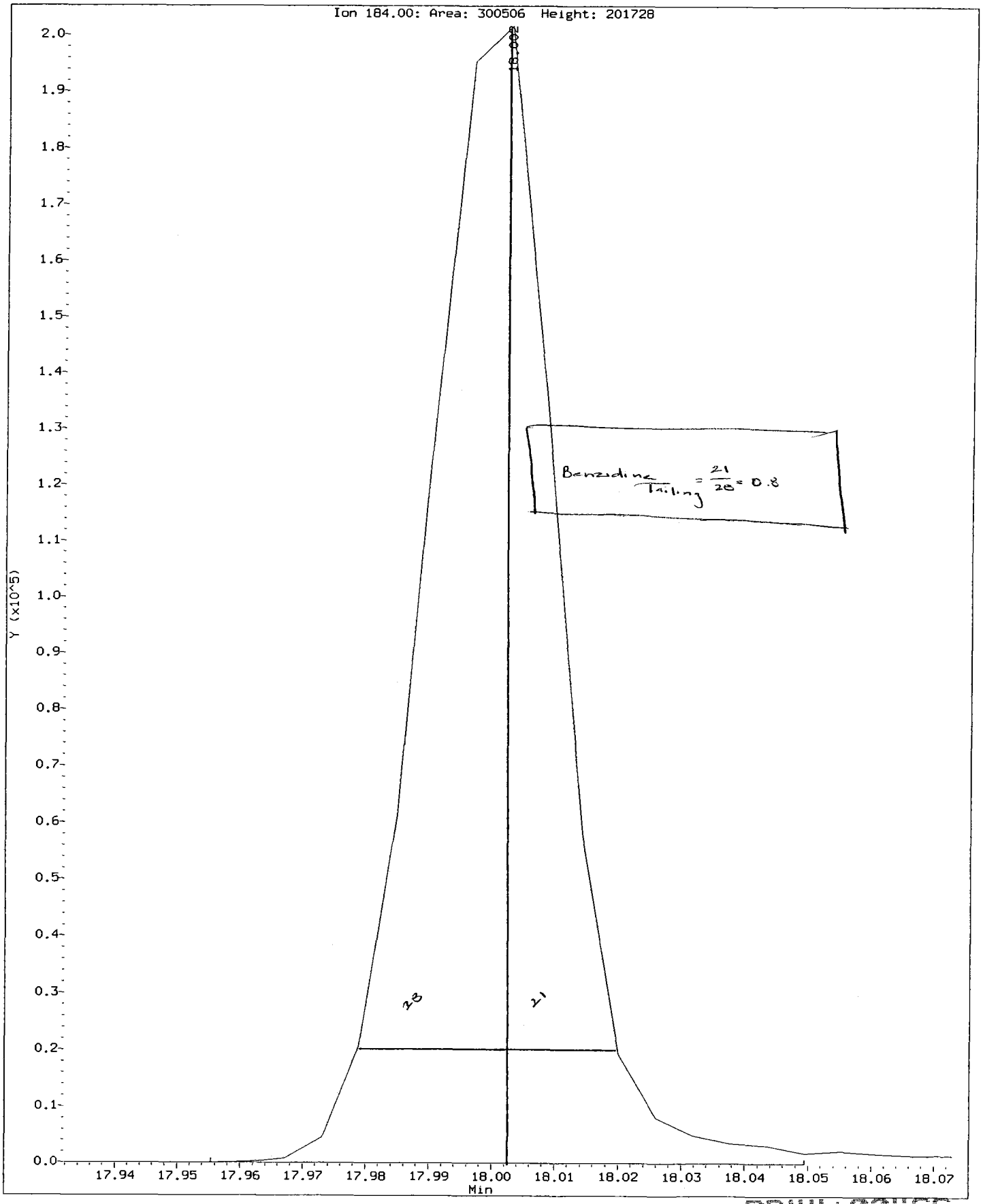
Data File: /chem3/nt4.i/20090508.b/ddt.b/0250508.d
Injection Date: 08-MAY-2009 11:56
Instrument: nt4.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt4.i/20090508.b/ddt.b/0250508.d
Injection Date: 08-MAY-2009 11:56
Instrument: nt4.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090508.b/0400508.d
Lab Smp Id: ABN 40
Inj Date : 08-MAY-2009 13:39
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : ABN 40
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20090508.b/SW846.m
Meth Date : 11-May-2009 16:19 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 13:39 Cal File: 0400508.d
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: KSINK.sub
Target Version: 3.50

LJR 5/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$ 137	d8-1,4-Dioxane	96	3.188	3.205	(0.376)	233448	40.0000	39.85
143	1,4-Dioxane	88	3.247	3.270	(0.383)	249751	40.0000	39.65
103	Pyridine	79	3.987	4.004	(0.470)	644597	40.0000	38.37
90	N-Nitrosodimethylamine	74	4.022	4.057	(0.475)	399804	40.0000	39.00
$ 1	2-Fluorophenol	112	6.519	6.525	(0.769)	525190	40.0000	38.63
$ 2	Phenol-d5	99	8.023	8.041	(0.947)	703221	40.0000	37.98
91	Aniline	93	8.029	8.041	(0.947)	893525	40.0000	36.85
3	Phenol	94	8.041	8.064	(0.949)	787248	40.0000	37.22
4	Bis(2-Chloroethyl)ether	93	8.141	8.152	(0.960)	606639	40.0000	38.50
$ 5	2-Chlorophenol-d4	132	8.176	8.188	(0.965)	436112	40.0000	38.14
6	2-Chlorophenol	128	8.200	8.211	(0.967)	501053	40.0000	38.40
179	n-Decane	57	8.300	8.305	(0.979)	572427	40.0000	36.06
7	1,3-Dichlorobenzene	146	8.417	8.429	(0.993)	565322	40.0000	39.30
* 8	1,4-Dichlorobenzene-d4	152	8.476	8.470	(1.000)	177445	20.0000	
9	1,4-Dichlorobenzene	146	8.505	8.511	(1.003)	566399	40.0000	39.30
11	Benzyl alcohol	108	8.752	8.764	(1.033)	392755	40.0000	39.05
$ 10	1,2-Dichlorobenzene-d4	152	8.775	8.781	(1.035)	322176	40.0000	38.59 (MH)
12	1,2-Dichlorobenzene	146	8.799	8.805	(1.038)	524653	40.0000	38.71
13	2-Methylphenol	108	8.969	8.987	(1.058)	526725	40.0000	38.49
14	2,2'-oxybis(1-Chloropropane)	45	9.005	9.010	(1.062)	695908	40.0000	36.80
123	Acetophenone	105	9.169	9.187	(1.082)	756939	40.0000	38.49
15	4-Methylphenol	108	9.204	9.222	(1.086)	544401	40.0000	38.20
16	N-Nitroso-di-n-propylamine	70	9.228	9.251	(1.089)	461740	40.0000	37.42
17	Hexachloroethane	117	9.287	9.292	(1.096)	247714	40.0000	39.49
$ 18	Nitrobenzene-d5	82	9.404	9.416	(0.894)	660274	40.0000	37.92
106	Guaiacol	124	9.428	9.439	(1.112)	355947	40.0000	38.17
19	Nitrobenzene	77	9.434	9.451	(0.897)	642618	40.0000	36.87

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	20 Isophorone	82	9.815	9.839	(0.933)	1192288	40.0000	38.45
	21 2-Nitrophenol	139	9.951	9.956	(0.946)	277845	40.0000	39.81
	22 2,4-Dimethylphenol	107	10.039	10.056	(0.954)	577061	40.0000	38.44
	23 Bis(2-Chloroethoxy)methane	93	10.191	10.203	(0.969)	678590	40.0000	38.68
	25 2,4-Dichlorophenol	162	10.327	10.344	(0.982)	389726	40.0000	39.19
	24 Benzoic acid	105	10.321	10.420	(0.981)	940428	80.0000	84.29 (M)
	26 1,2,4-Trichlorobenzene	180	10.462	10.467	(0.994)	445501	40.0000	39.39
*	27 Naphthalene-d8	136	10.521	10.515	(1.000)	613574	20.0000	
	28 Naphthalene	128	10.556	10.567	(1.003)	1353828	40.0000	38.77
	144 alpha-Terpineol	59	10.573	10.585	(1.005)	344083	40.0000	36.11
	29 4-Chloroaniline	127	10.685	10.697	(1.016)	546442	40.0000	37.83
	30 Hexachlorobutadiene	225	10.867	10.873	(1.033)	224318	40.0000	39.21
	185 4-Chloroguaiacol	115	11.437	11.443	(1.349)	132229	20.0000	19.68
	31 4-Chloro-3-methylphenol	107	11.484	11.496	(1.092)	482773	40.0000	38.82
	32 2-Methylnaphthalene	141	11.678	11.684	(1.110)	748847	40.0000	38.51
	105 1-methylnaphthalene	141	11.848	11.860	(1.126)	728426	40.0000	39.20
	33 Hexachlorocyclopentadiene	237	12.054	12.060	(0.900)	252171	40.0000	41.25
	34 2,4,6-Trichlorophenol	196	12.183	12.195	(0.909)	273588	40.0000	39.96
	35 2,4,5-Trichlorophenol	196	12.242	12.254	(0.914)	285174	40.0000	39.42
$	36 2-Fluorobiphenyl	172	12.318	12.324	(0.919)	939034	40.0000	38.20
	112 Biphenyl	154	12.454	12.465	(0.929)	1084004	40.0000	38.50
	37 2-Chloronaphthalene	162	12.465	12.477	(0.930)	804171	40.0000	39.13
	184 3,4-Dichloroguaiacol	192	12.536	12.541	(1.479)	158071	40.0000	39.09
	113 Diphenyl Oxide	170	12.642	12.653	(0.943)	554221	40.0000	38.94
	38 2-Nitroaniline	65	12.689	12.700	(0.947)	329035	40.0000	37.67
	39 Dimethylphthalate	163	13.059	13.076	(0.975)	915327	40.0000	39.63
	40 Acenaphthylene	152	13.147	13.152	(0.981)	1327721	40.0000	39.13
	41 2,6-Dinitrotoluene	165	13.153	13.164	(0.982)	212760	40.0000	40.11
	107 4,5-Dichloroguaiacol	192	13.317	13.335	(0.994)	240819	40.0000	40.10 (H)
	182 4,6-Dichloroguaiacol	192	13.347	13.358	(1.575)	173305	40.0000	38.47
	43 3-Nitroaniline	138	13.370	13.387	(0.998)	192291	40.0000	35.94 (M)
*	42 Acenaphthene-d10	164	13.399	13.393	(1.000)	324337	20.0000	
	44 Acenaphthene	153	13.452	13.464	(1.004)	814760	40.0000	39.50
	133 Butylatedhydroxytoluene	205	13.552	13.564	(1.011)	641994	40.0000	38.63
	45 2,4-Dinitrophenol	184	13.535	13.558	(1.010)	263739	80.0000	87.95
	47 4-Nitrophenol	109	13.652	13.670	(1.019)	172616	40.0000	42.35
	46 Dibenzofuran	168	13.711	13.722	(1.023)	1098203	40.0000	38.01
	168 Pentachlorobenzene	250	13.752	13.769	(1.026)	302266	40.0000	39.26
	48 2,4-Dinitrotoluene	165	13.781	13.799	(1.028)	281011	40.0000	39.72
	181 3,4,6-Trichloroguaiacol	211	14.081	14.093	(1.661)	144211	40.0000	39.81
	109 3,4,5-Trichloroguaiacol	213	14.204	14.216	(0.900)	154494	40.0000	39.65
	50 Diethylphthalate	149	14.216	14.228	(1.061)	943631	40.0000	39.29
	49 Fluorene	166	14.275	14.281	(1.065)	897990	40.0000	39.45
	51 4-Chlorophenyl-phenylether	204	14.287	14.292	(1.066)	418317	40.0000	38.83
	52 4-Nitroaniline	138	14.375	14.404	(1.073)	212390	40.0000	37.88
	53 4,6-Dinitro-2-methylphenol	198	14.451	14.474	(0.916)	337488	80.0000	80.65
	54 N-Nitrosodiphenylamine	169	14.492	14.510	(0.918)	647515	40.0000	39.15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	111 Azobenzene (1,2-DP-Hydrazine)	77	14.539	14.551	(1.085)	1175964	40.0000	37.57
	115 Tributyl Phosphate	99	14.575	14.598	(0.923)	1197794	40.0000	38.09
$	55 2,4,6-Tribromophenol	330	14.692	14.704	(1.096)	119945	40.0000	40.03
	56 4-Bromophenyl-phenylether	248	15.068	15.080	(0.955)	233849	40.0000	39.76
	108 4,5,6-Trichloroguaiacol	213	15.115	15.127	(1.128)	140290	40.0000	40.83
	57 Hexachlorobenzene	284	15.303	15.315	(0.969)	237121	40.0000	38.83
	58 Pentachlorophenol	266	15.597	15.603	(0.988)	157832	40.0000	40.64
	180 n-Octadecane	57	15.667	15.673	(0.993)	605480	40.0000	36.16
	110 Tetrachloroguaiacol	247	15.726	15.738	(0.996)	249015	80.0000	77.81
*	59 Phenanthrene-d10	188	15.785	15.779	(1.000)	509214	20.0000	
	60 Phenanthrene	178	15.826	15.838	(1.003)	1236672	40.0000	38.05
	61 Anthracene	178	15.902	15.914	(1.007)	1277760	40.0000	38.73
	62 Carbazole	167	16.173	16.184	(1.025)	1073086	40.0000	38.44
	186 Carbaryl	144	16.578	16.584	(1.956)	689039	40.0000	41.51
	116 Dibutyl Phenyl Phosphate	175	16.308	16.313	(1.033)	679719	40.0000	39.84
	63 Di-n-butylphthalate	149	16.866	16.872	(1.068)	1415742	40.0000	39.27
	64 Fluoranthene	202	17.771	17.782	(1.126)	1254749	40.0000	38.94
	93 Benzidine	184	18.000	18.011	(0.895)	424615	40.0000	41.63
	117 Butyl Diphenyl Phosphate	94	18.006	18.011	(0.895)	285080	40.0000	38.39
	65 Pyrene	202	18.129	18.141	(0.901)	1252208	40.0000	38.60
$	66 Terphenyl-d14	244	18.429	18.435	(0.916)	742999	40.0000	38.37
	98 Retene	219	18.682	18.687	(0.928)	394510	40.0000	39.57
	67 Butylbenzylphthalate	149	19.298	19.310	(0.959)	603469	40.0000	39.99
	118 Triphenyl Phosphate	326	19.622	19.627	(0.975)	183911	40.0000	39.49
	70 3,3'-Dichlorobenzidine	252	20.092	20.097	(0.999)	317132	40.0000	36.04
	68 Benzo(a)anthracene	228	20.098	20.109	(0.999)	1004488	40.0000	38.62
*	69 Chrysene-d12	240	20.121	20.109	(1.000)	376832	20.0000	
	71 Chrysene	228	20.168	20.180	(1.002)	976341	40.0000	38.38
	72 bis(2-Ethylhexyl)phthalate	149	20.291	20.291	(0.956)	810618	40.0000	39.59
*	134 Di-n-octylphthalate-d4	153	21.226	21.220	(1.000)	633058	20.0000	
	73 Di-n-octylphthalate	149	21.237	21.243	(1.001)	1347180	40.0000	38.90
	74 Benzo(b)fluoranthene	252	21.760	21.778	(0.976)	1034912	40.0000	38.38 (H)
	75 Benzo(k)fluoranthene	252	21.796	21.778	(0.978)	1079331	40.0000	38.68
	76 Benzo(a)pyrene	252	22.213	22.230	(0.997)	958148	40.0000	39.75
*	77 Perylene-d12	264	22.289	22.283	(1.000)	385934	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	24.011	24.040	(1.077)	1211195	40.0000	40.01
	79 Dibenzo(a,h)anthracene	278	24.034	24.069	(1.078)	1012715	40.0000	41.04
	80 Benzo(g,h,i)perylene	276	24.498	24.539	(1.099)	1091787	40.0000	39.91

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: 0400508.d
Lab Smp Id: ABN 40
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090508.b/SW846.m
Misc Info:

Calibration Date: 08-MAY-2009
Calibration Time: 11:56

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.
If Continuing Cal. use Initial Cal. Level 4

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	177445	-1.76
27 Naphthalene-d8	633172	316586	1266344	613574	-3.10
42 Acenaphthene-d10	336916	168458	673832	324337	-3.73
59 Phenanthrene-d10	514258	257129	1028516	509214	-0.98
69 Chrysene-d12	376875	188438	753750	376832	-0.01
134 Di-n-octylphthala	640574	320287	1281148	633058	-1.17
77 Perylene-d12	383864	191932	767728	385934	0.54

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.48	7.98	8.98	8.48	-0.03
27 Naphthalene-d8	10.52	10.02	11.02	10.52	-0.02
42 Acenaphthene-d10	13.40	12.90	13.90	13.40	0.03
59 Phenanthrene-d10	15.79	15.29	16.29	15.78	-0.02
69 Chrysene-d12	20.12	19.62	20.62	20.12	0.02
134 Di-n-octylphthala	21.22	20.72	21.72	21.23	0.02
77 Perylene-d12	22.29	21.79	22.79	22.29	0.02

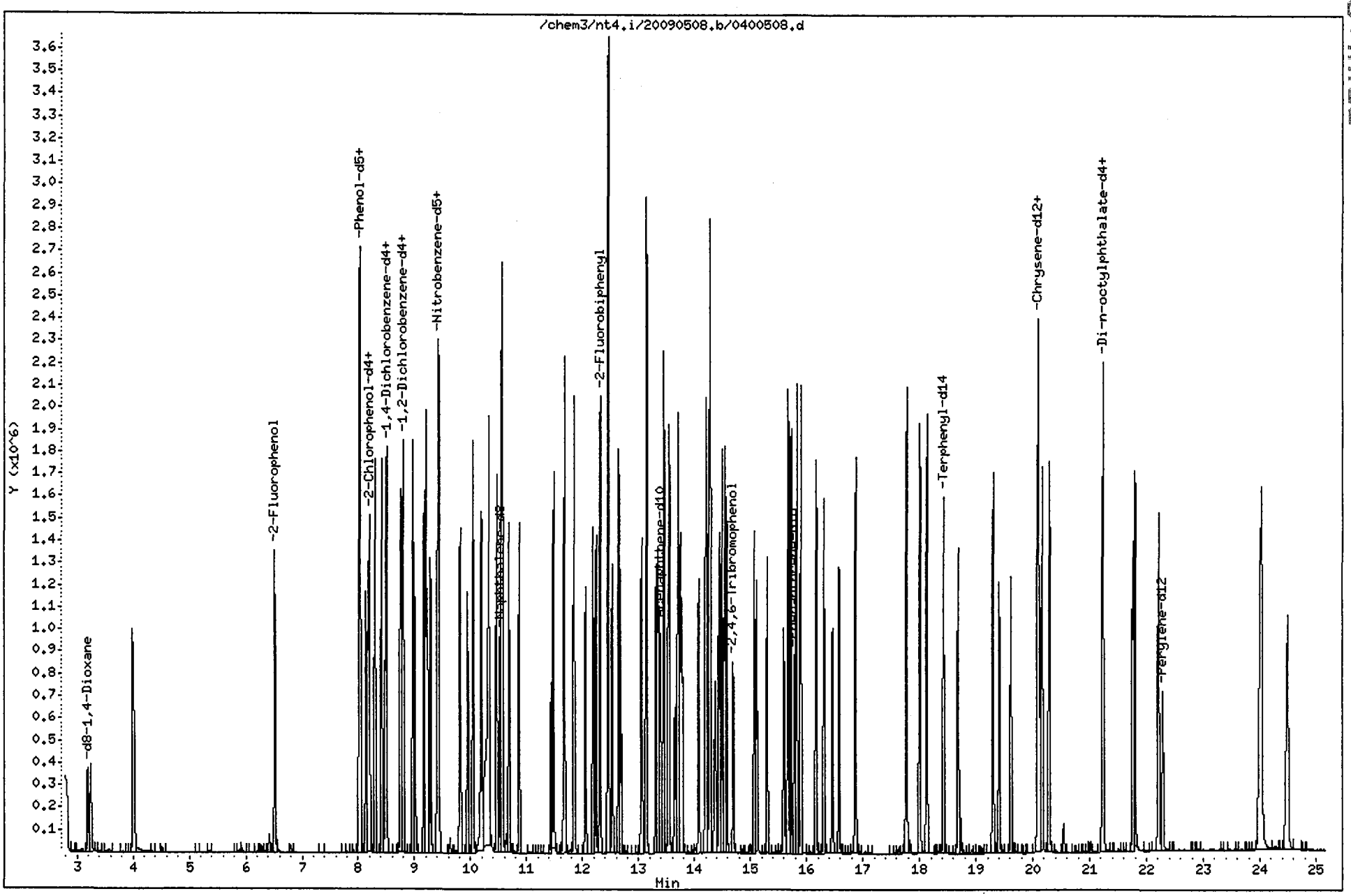
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20090508.b/0400508.d
Date : 08-MAY-2009 13:39
Client ID:
Sample Info: ABN 40

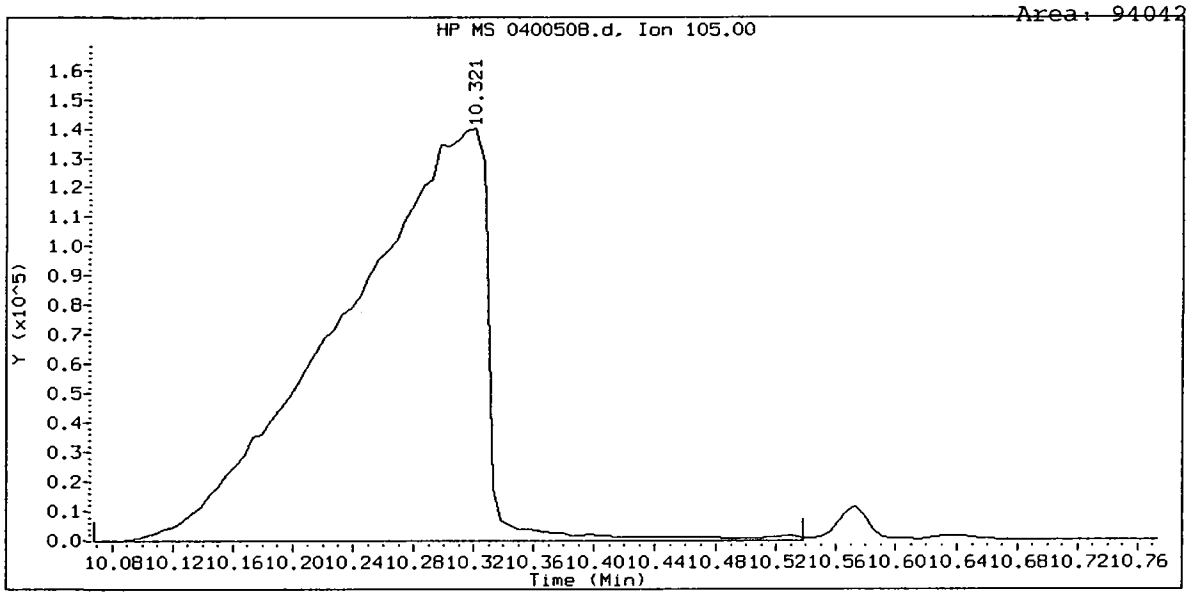
Instrument: nt4.i

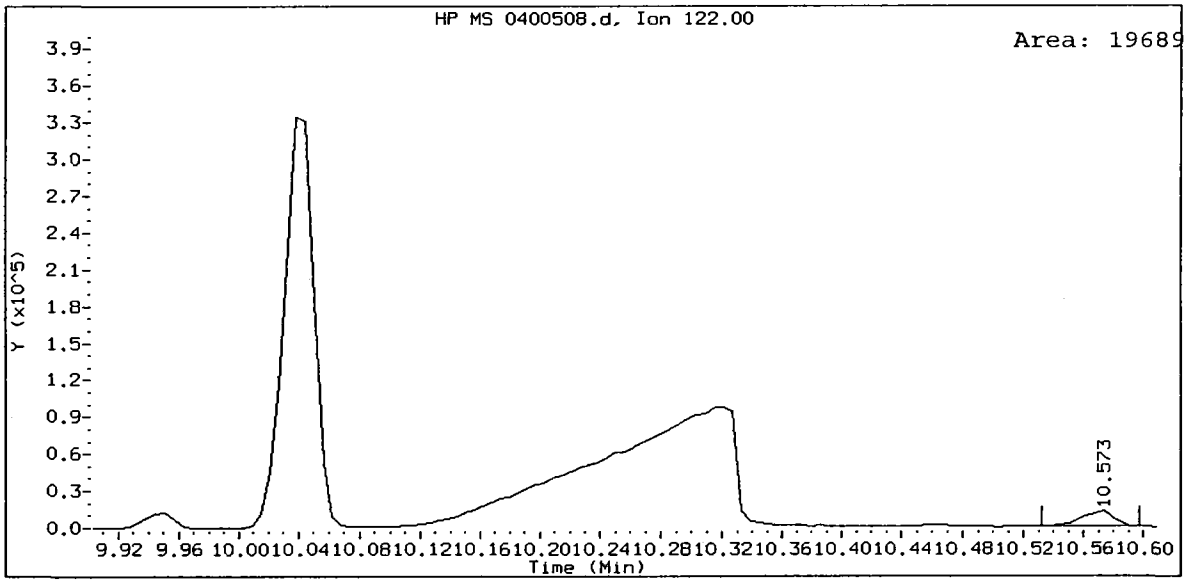
Operator: LJR/VTS
Column diameter: 0.32

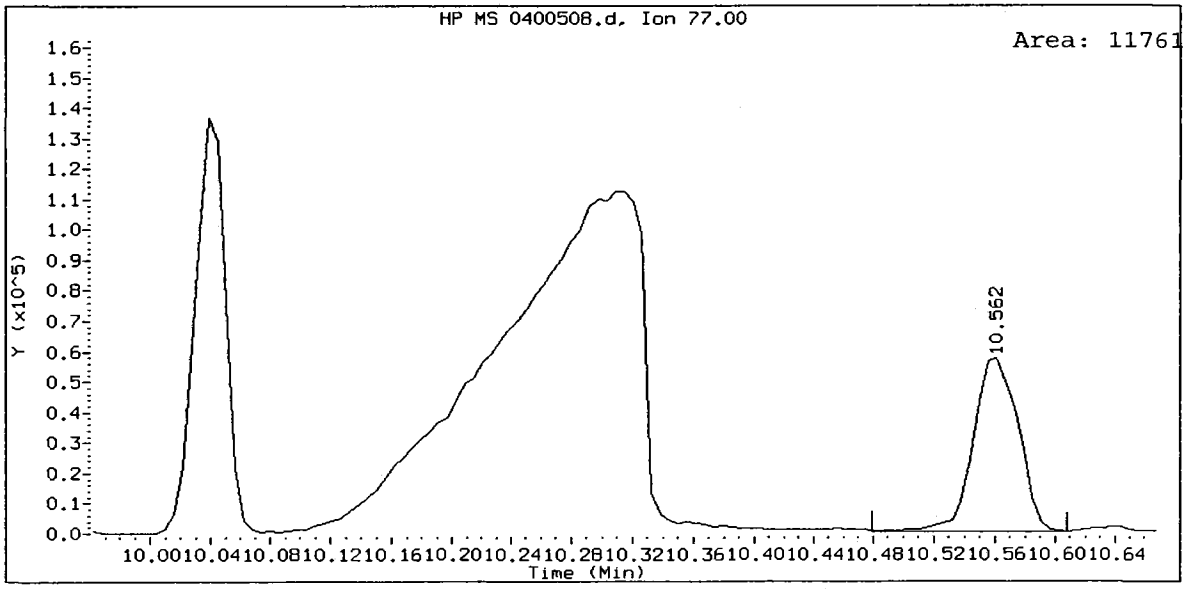
Column phase: ZB-5



ABN 40, /chem3/nt4.i/20090508.b/0400508.d
Benzoic acid Amount: 84.29







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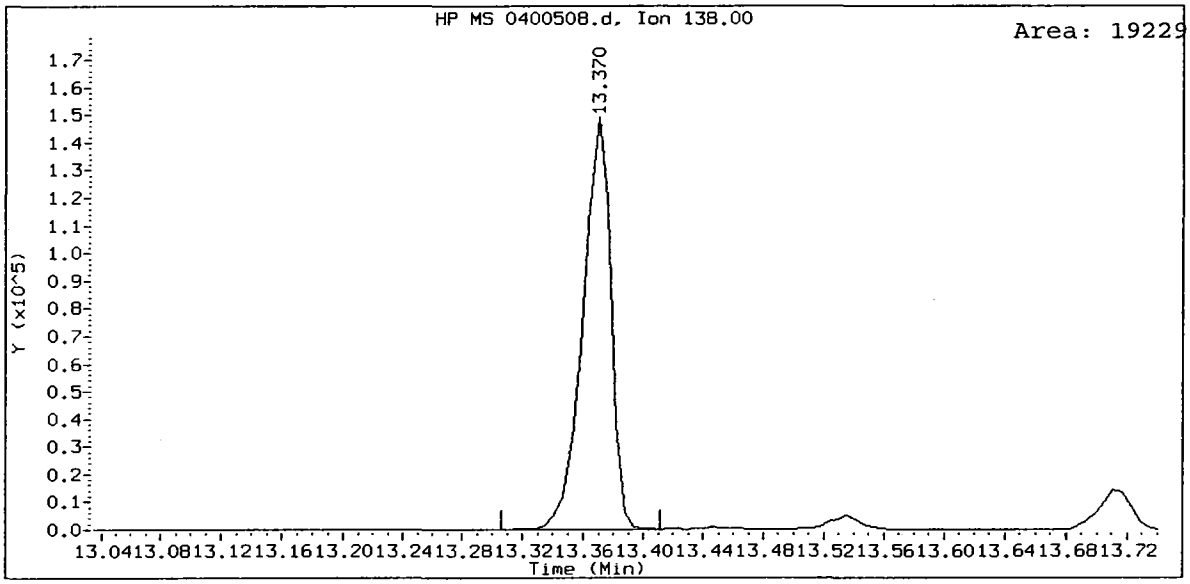
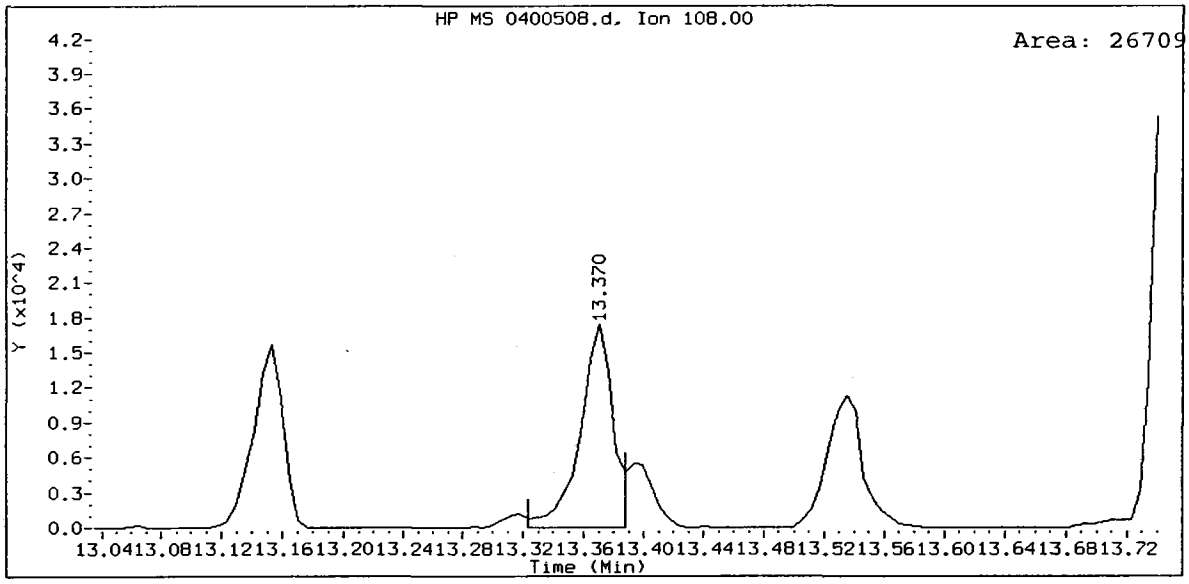
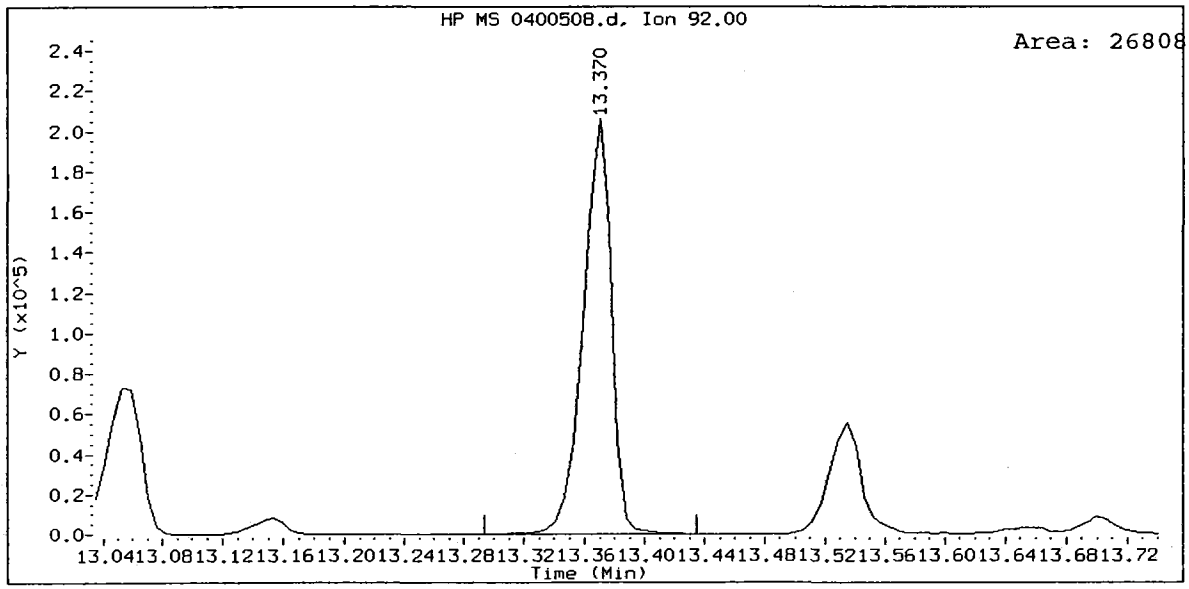
3-Nitroaniline Amount: 35.94







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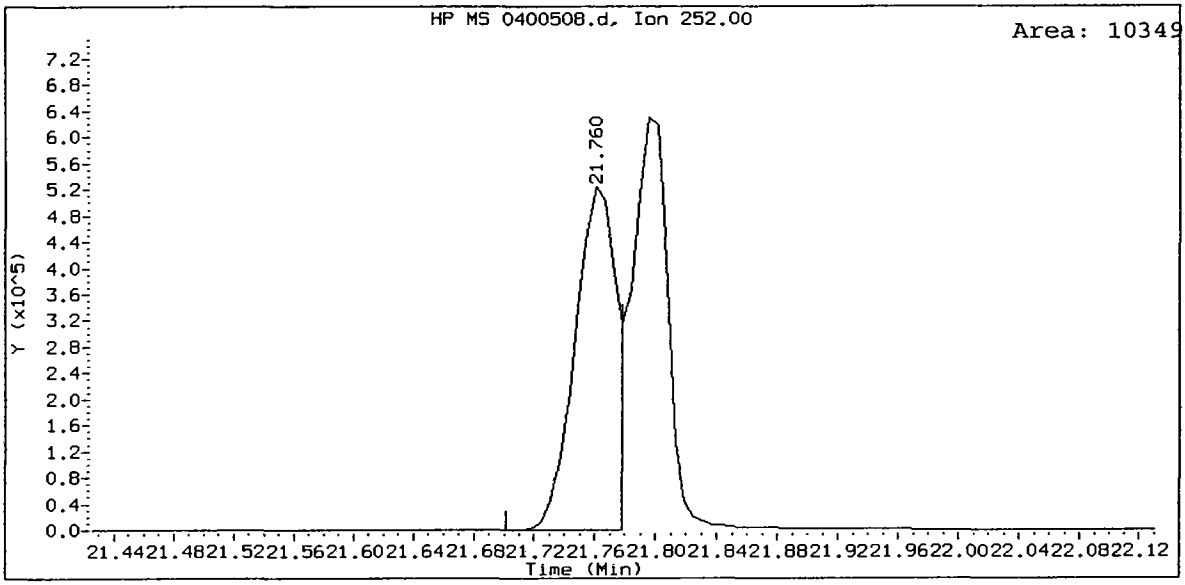
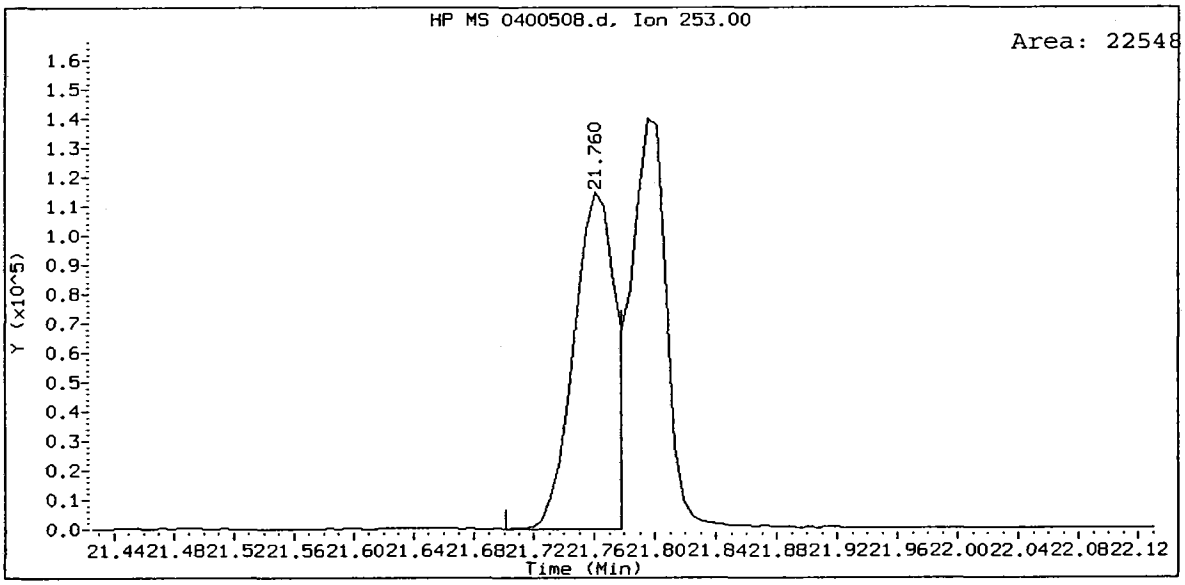
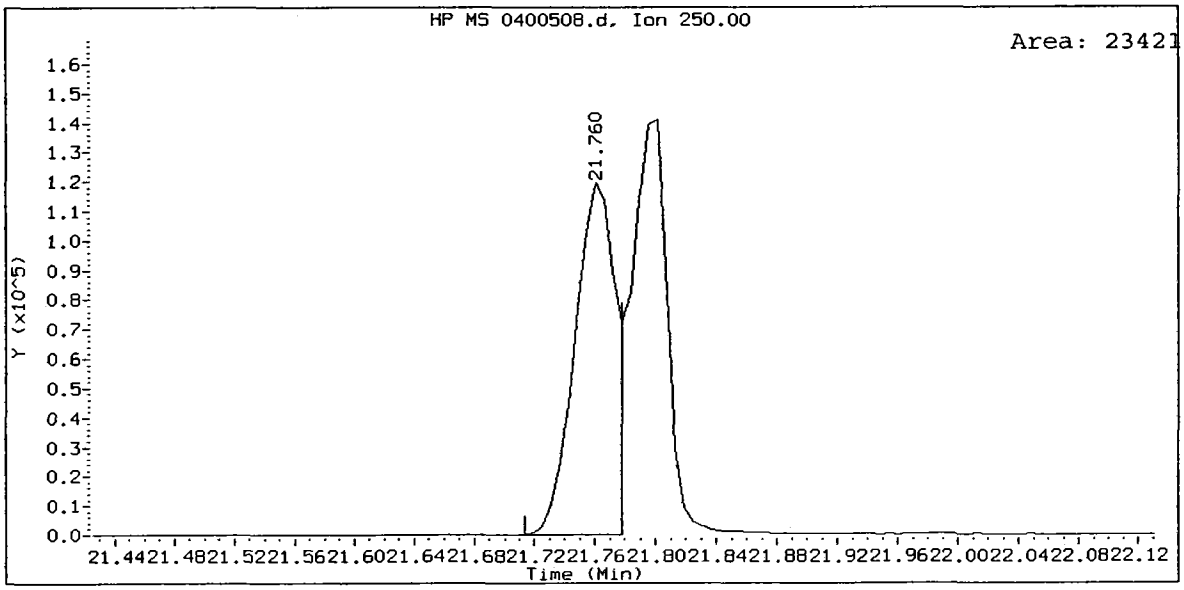
Benzo(b)fluoranthene Amount: 38.38







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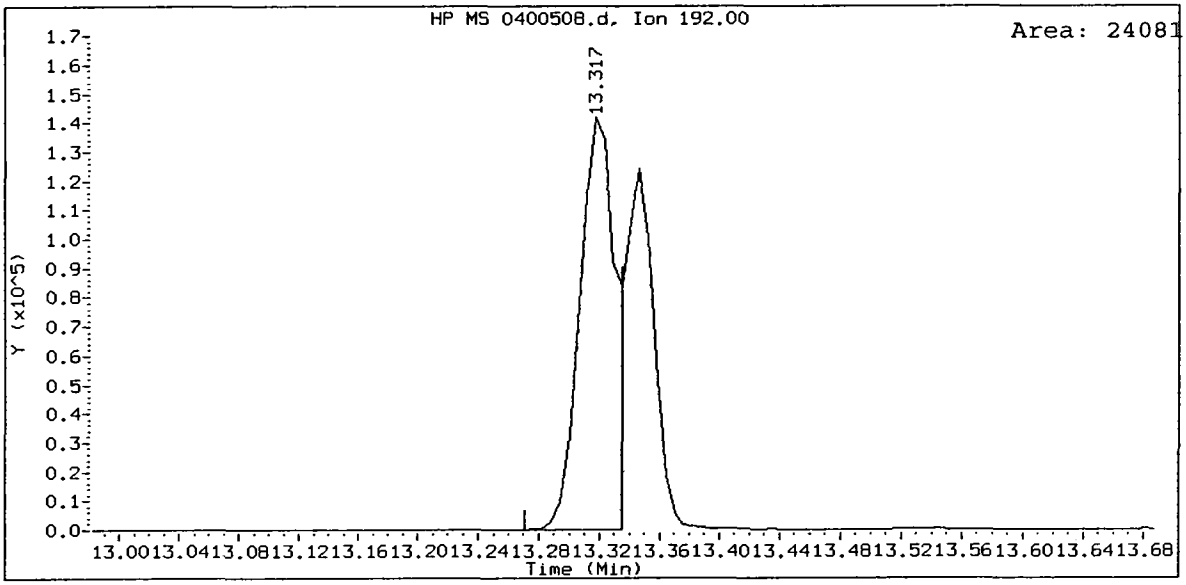
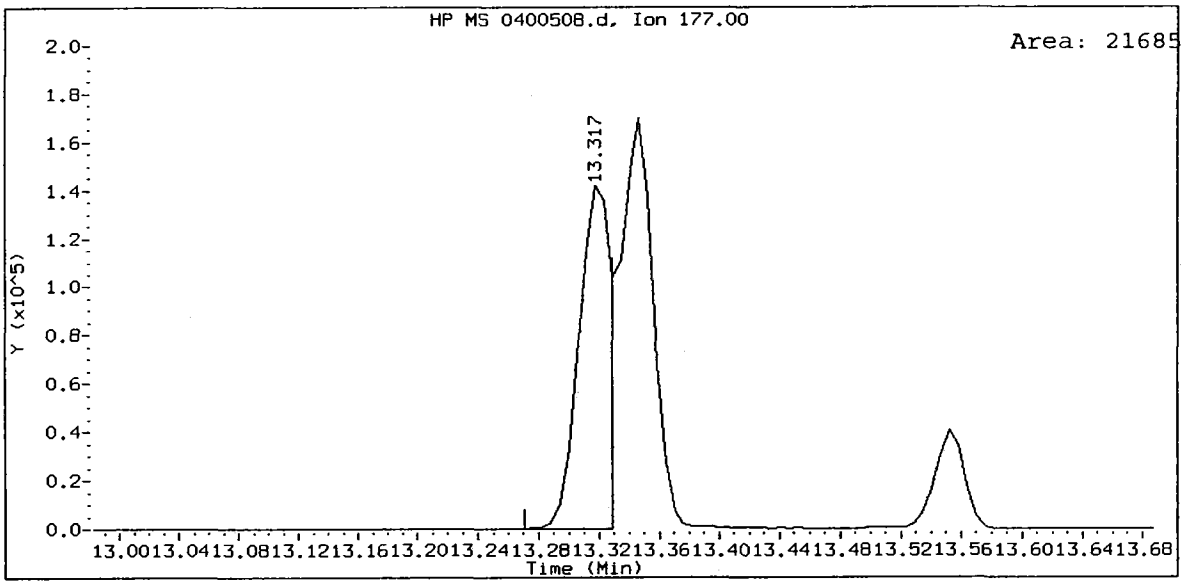
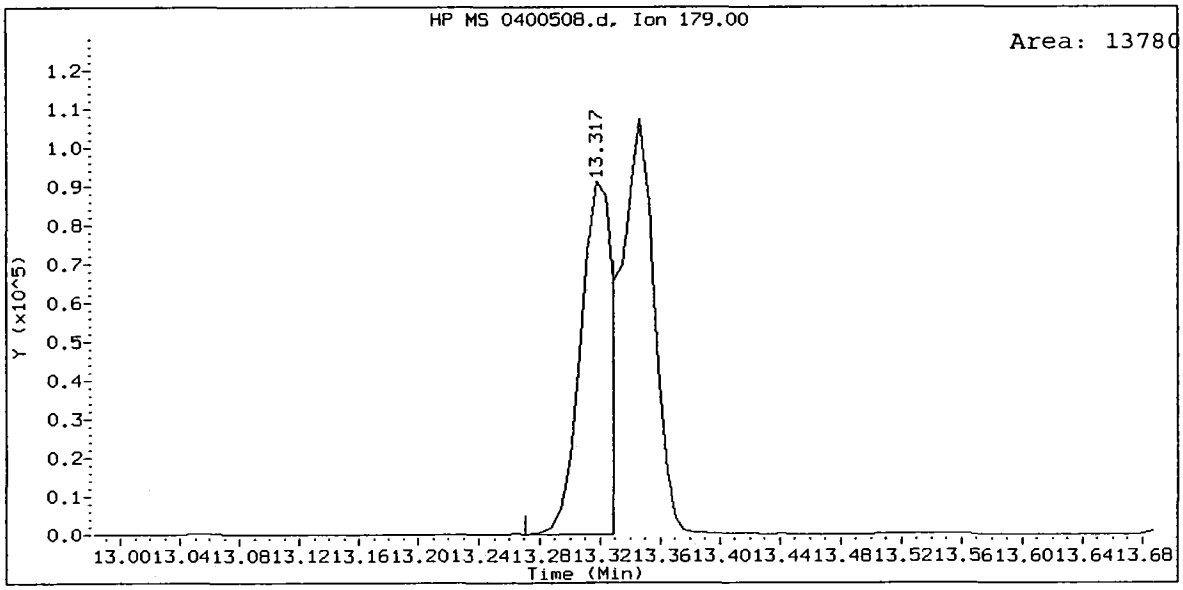
4,5-Dichloroguaiacol Amount: 40.10







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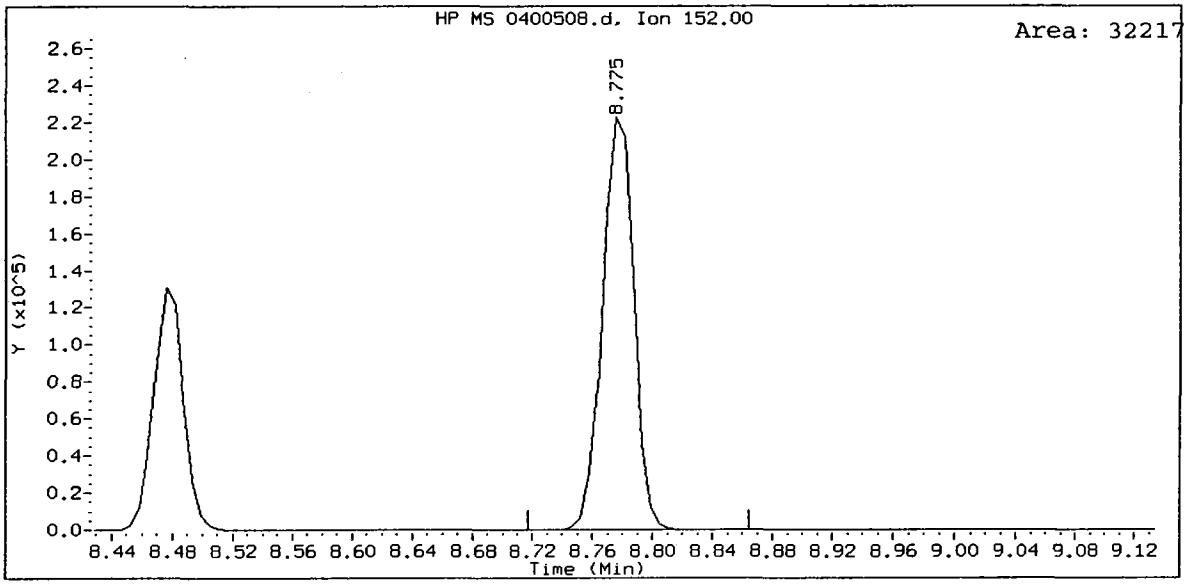
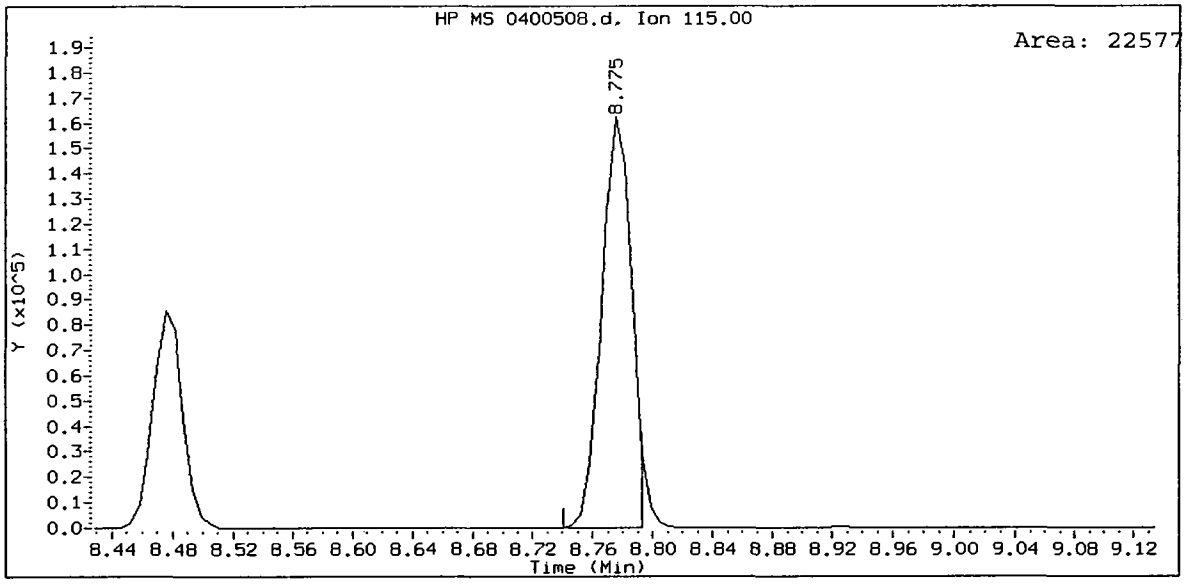
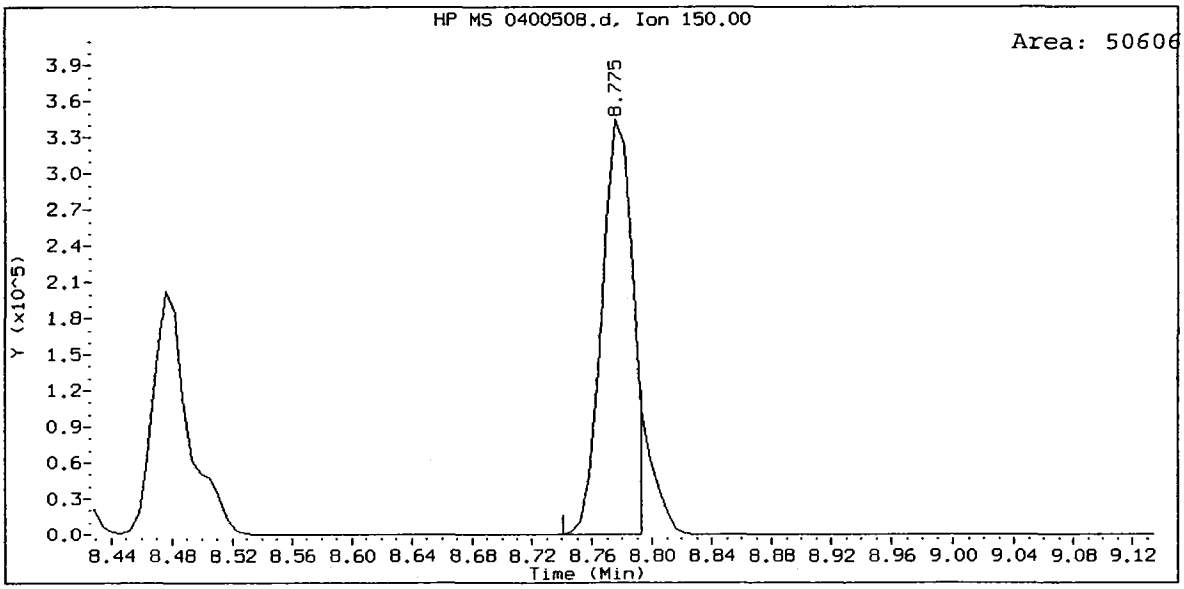
1,2-Dichlorobenzene-d4 Amount: 38.59







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090508.b/0800508.d
Lab Smp Id: ABN 80
Inj Date : 08-MAY-2009 12:31
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : ABN 80
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20090508.b/SW846.m
Meth Date : 11-May-2009 16:19 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: GUAIACAL.sub
Target Version: 3.50

LJR 5/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	137 d8-1,4-Dioxane	96	3.205	3.205	(0.378)	484884	80.0000	77.49
	143 1,4-Dioxane	88	3.270	3.270	(0.386)	504714	80.0000	75.02
	103 Pyridine	79	4.004	4.004	(0.472)	1323811	80.0000	73.78
	90 N-Nitrosodimethylamine	74	4.057	4.057	(0.478)	812307	80.0000	74.18
$	1 2-Fluorophenol	112	6.525	6.525	(0.769)	1086089	80.0000	74.79
$	2 Phenol-d5	99	8.041	8.041	(0.948)	1365350	80.0000	69.05
	91 Aniline	93	8.041	8.041	(0.948)	1736683	80.0000	67.06
	3 Phenol	94	8.064	8.064	(0.951)	1508044	80.0000	66.76
	4 Bis(2-Chloroethyl)ether	93	8.152	8.152	(0.961)	1176963	80.0000	69.94
$	5 2-Chlorophenol-d4	132	8.188	8.188	(0.965)	915832	80.0000	74.99
	6 2-Chlorophenol	128	8.211	8.211	(0.968)	1040743	80.0000	74.68
	179 n-Decane	57	8.305	8.305	(0.979)	1041602	80.0000	61.43
	7 1,3-Dichlorobenzene	146	8.429	8.429	(0.994)	1145630	80.0000	74.56
*	8 1,4-Dichlorobenzene-d4	152	8.481	8.470	(1.000)	189525	20.0000	
	9 1,4-Dichlorobenzene	146	8.511	8.511	(1.003)	1129620	80.0000	73.39
	11 Benzyl alcohol	108	8.764	8.764	(1.033)	792531	80.0000	73.77
$	10 1,2-Dichlorobenzene-d4	152	8.781	8.781	(1.035)	658078	80.0000	73.81
	12 1,2-Dichlorobenzene	146	8.805	8.805	(1.038)	1051390	80.0000	72.64
	13 2-Methylphenol	108	8.987	8.987	(1.060)	1065902	80.0000	72.93
	14 2,2'-oxybis(1-Chloropropane)	45	9.010	9.010	(1.062)	1199197	80.0000	59.37
	123 Acetophenone	105	9.187	9.187	(1.083)	1503420	80.0000	71.58
	15 4-Methylphenol	108	9.222	9.222	(1.087)	1075652	80.0000	70.66
	16 N-Nitroso-di-n-propylamine	70	9.251	9.251	(1.091)	888948	80.0000	67.45
	17 Hexachloroethane	117	9.292	9.292	(1.096)	482288	80.0000	71.98
$	18 Nitrobenzene-d5	82	9.416	9.416	(0.894)	1279413	80.0000	67.10
	106 Guaiacol	124	9.439	9.439	(1.113)	712611	80.0000	71.55
	19 Nitrobenzene	77	9.451	9.451	(0.897)	1165274	80.0000	61.05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
20	Isophorone	82	9.839	9.839	(0.934)	2425109	80.0000	71.41
21	2-Nitrophenol	139	9.956	9.956	(0.945)	587519	80.0000	76.86
22	2,4-Dimethylphenol	107	10.056	10.056	(0.955)	1137261	80.0000	69.18
23	Bis(2-Chloroethoxy)methane	93	10.203	10.203	(0.969)	1329791	80.0000	69.21
25	2,4-Dichlorophenol	162	10.344	10.344	(0.982)	818007	80.0000	75.11
24	Benzoic acid	105	10.420	10.420	(0.989)	2016506	160.000	165.0(M)
26	1,2,4-Trichlorobenzene	180	10.467	10.467	(0.994)	891679	80.0000	71.99
* 27	Naphthalene-d8	136	10.532	10.515	(1.000)	671940	20.0000	
28	Naphthalene	128	10.567	10.567	(1.003)	2533066	80.0000	66.24
144	alpha-Terpineol	59	10.585	10.585	(1.005)	619386	80.0000	59.35
29	4-Chloroaniline	127	10.697	10.697	(1.016)	1055659	80.0000	66.73
30	Hexachlorobutadiene	225	10.873	10.873	(1.032)	452302	80.0000	72.19
185	4-Chloroguaiacol	115	11.443	11.443	(1.349)	269892	40.0000	37.60
31	4-Chloro-3-methylphenol	107	11.496	11.496	(1.091)	950916	80.0000	69.83
32	2-Methylnaphthalene	141	11.684	11.684	(1.109)	1484498	80.0000	69.72
105	1-methylnaphthalene	141	11.860	11.860	(1.126)	1428980	80.0000	70.22
33	Hexachlorocyclopentadiene	237	12.060	12.060	(0.900)	522133	80.0000	78.75
34	2,4,6-Trichlorophenol	196	12.195	12.195	(0.910)	574288	80.0000	77.34
35	2,4,5-Trichlorophenol	196	12.254	12.254	(0.914)	603649	80.0000	76.93
$ 36	2-Fluorobiphenyl	172	12.324	12.324	(0.919)	1890836	80.0000	70.91
112	Biphenyl	154	12.465	12.465	(0.930)	1954128	80.0000	63.98
37	2-Chloronaphthalene	162	12.477	12.477	(0.931)	1521680	80.0000	68.26
184	3,4-Dichloroguaiacol	192	12.541	12.541	(1.479)	332690	80.0000	77.03
113	Diphenyl Oxide	170	12.653	12.653	(0.944)	1139638	80.0000	73.83
38	2-Nitroaniline	65	12.700	12.700	(0.947)	638948	80.0000	67.43
39	Dimethylphthalate	163	13.076	13.076	(0.975)	1834474	80.0000	73.22
40	Acenaphthylene	152	13.152	13.152	(0.981)	2535796	80.0000	68.90
41	2,6-Dinitrotoluene	165	13.164	13.164	(0.982)	432576	80.0000	75.18
107	4,5-Dichloroguaiacol	192	13.335	13.335	(0.995)	516583	80.0000	79.30
182	4,6-Dichloroguaiacol	192	13.358	13.358	(1.575)	350527	80.0000	72.85
43	3-Nitroaniline	138	13.387	13.387	(0.999)	319939	80.0000	55.13(M)
* 42	Acenaphthene-d10	164	13.405	13.393	(1.000)	351788	20.0000	
44	Acenaphthene	153	13.464	13.464	(1.004)	1584572	80.0000	70.82
133	Butylatedhydroxytoluene	205	13.564	13.564	(1.012)	1192668	80.0000	66.17
45	2,4-Dinitrophenol	184	13.558	13.558	(1.011)	580734	160.000	178.5
47	4-Nitrophenol	109	13.670	13.670	(1.020)	316618	80.0000	71.61
46	Dibenzofuran	168	13.722	13.722	(1.024)	2184320	80.0000	69.70
168	Pentachlorobenzene	250	13.769	13.769	(1.027)	597922	80.0000	71.60
48	2,4-Dinitrotoluene	165	13.799	13.799	(1.029)	578857	80.0000	75.44
181	3,4,6-Trichloroguaiacol	211	14.093	14.093	(1.662)	296910	80.0000	76.73
109	3,4,5-Trichloroguaiacol	213	14.216	14.216	(0.900)	311896	80.0000	74.95
50	Diethylphthalate	149	14.228	14.228	(1.061)	1808392	80.0000	69.41
49	Fluorene	166	14.281	14.281	(1.065)	1682099	80.0000	68.12
51	4-Chlorophenyl-phenylether	204	14.292	14.292	(1.066)	814126	80.0000	69.68
52	4-Nitroaniline	138	14.404	14.404	(1.075)	449009	80.0000	73.84
53	4,6-Dinitro-2-methylphenol	198	14.474	14.474	(0.917)	735171	160.000	164.5
54	N-Nitrosodiphenylamine	169	14.510	14.510	(0.919)	1297657	80.0000	73.48

			QUANT SIG					AMOUNTS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
	111	Azobenzene (1,2-DP-Hydrazine)	77	14.551	14.551	(1.085)	2114364	80.0000	62.28
	115	Tributyl Phosphate	99	14.598	14.598	(0.924)	2254487	80.0000	67.13
$	55	2,4,6-Tribromophenol	330	14.704	14.704	(1.097)	251226	80.0000	77.30
	56	4-Bromophenyl-phenylether	248	15.080	15.080	(0.955)	465662	80.0000	74.14
	108	4,5,6-Trichloroguaiacol	213	15.127	15.127	(1.128)	289205	80.0000	77.61
	57	Hexachlorobenzene	284	15.315	15.315	(0.970)	484181	80.0000	74.25
	58	Pentachlorophenol	266	15.603	15.603	(0.988)	337106	80.0000	81.27
	180	n-Octadecane	57	15.673	15.673	(0.993)	1046193	80.0000	58.51
	110	Tetrachloroguaiacol	247	15.738	15.738	(0.997)	503999	160.000	147.5
*	59	Phenanthrene-d10	188	15.791	15.779	(1.000)	543786	20.0000	
	60	Phenanthrene	178	15.838	15.838	(1.003)	2445940	80.0000	70.48
	61	Anthracene	178	15.914	15.914	(1.008)	2461613	80.0000	69.88
	62	Carbazole	167	16.184	16.184	(1.025)	2174757	80.0000	72.95
	116	Dibutyl Phenyl Phosphate	175	16.313	16.313	(1.033)	1351371	80.0000	74.17
	63	Di-n-butylphthalate	149	16.872	16.872	(1.068)	2702810	80.0000	70.21
	64	Fluoranthene	202	17.782	17.782	(1.126)	2433742	80.0000	70.72
	93	Benzidine	184	18.011	18.011	(0.895)	804916	80.0000	78.37
	117	Butyl Diphenyl Phosphate	94	18.011	18.011	(0.895)	511953	80.0000	64.58
	65	Pyrene	202	18.141	18.141	(0.901)	2420330	80.0000	69.88
$	66	Terphenyl-d14	244	18.435	18.435	(0.916)	1499647	80.0000	72.55
	98	Retene	219	18.687	18.687	(0.928)	803481	80.0000	75.49
	67	Butylbenzylphthalate	149	19.310	19.310	(0.959)	1207882	80.0000	74.97
	118	Triphenyl Phosphate	326	19.627	19.627	(0.975)	379197	80.0000	76.26
	70	3,3'-Dichlorobenzidine	252	20.097	20.097	(0.998)	601797	80.0000	64.05
	68	Benzo(a)anthracene	228	20.109	20.109	(0.999)	1995573	80.0000	71.86
*	69	Chrysene-d12	240	20.133	20.109	(1.000)	402300	20.0000	
	71	Chrysene	228	20.180	20.180	(1.002)	1926614	80.0000	70.94
	72	bis(2-Ethylhexyl)phthalate	149	20.291	20.291	(0.956)	1611902	80.0000	73.69
*	134	Di-n-octylphthalate-d4	153	21.231	21.220	(1.000)	676356	20.0000	
	73	Di-n-octylphthalate	149	21.243	21.243	(1.001)	2662418	80.0000	71.96
	74	Benzo(b)fluoranthene	252	21.778	21.778	(0.977)	2334035	80.0000	75.07
	75	Benzo(k)fluoranthene	252	21.778	21.778	(0.977)	2334035	80.0000	72.55(H)
	76	Benzo(a)pyrene	252	22.230	22.230	(0.997)	2015062	80.0000	72.51
*	77	Perylene-d12	264	22.295	22.283	(1.000)	444935	20.0000	
	78	Indeno(1,2,3-cd)pyrene	276	24.040	24.040	(1.078)	2730343	80.0000	78.24
	79	Dibenzo(a,h)anthracene	278	24.069	24.069	(1.080)	2215720	80.0000	77.88
	80	Benzo(g,h,i)perylene	276	24.539	24.539	(1.101)	2457427	80.0000	77.93

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: 0800508.d
Lab Smp Id: ABN 80
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090508.b/SW846.m
Misc Info:

Calibration Date: 08-MAY-2009
Calibration Time: 11:56

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.
If Continuing Cal. use Initial Cal. Level 4

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	189525	4.93
27 Naphthalene-d8	633172	316586	1266344	671940	6.12
42 Acenaphthene-d10	336916	168458	673832	351788	4.41
59 Phenanthrene-d10	514258	257129	1028516	543786	5.74
69 Chrysene-d12	376875	188438	753750	402300	6.75
134 Di-n-octylphthala	640574	320287	1281148	676356	5.59
77 Perylene-d12	383864	191932	767728	444935	15.91

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.48	7.98	8.98	8.48	0.04
27 Naphthalene-d8	10.52	10.02	11.02	10.53	0.09
42 Acenaphthene-d10	13.40	12.90	13.90	13.41	0.07
59 Phenanthrene-d10	15.79	15.29	16.29	15.79	0.02
69 Chrysene-d12	20.12	19.62	20.62	20.13	0.07
134 Di-n-octylphthala	21.22	20.72	21.72	21.23	0.04
77 Perylene-d12	22.29	21.79	22.79	22.29	0.04

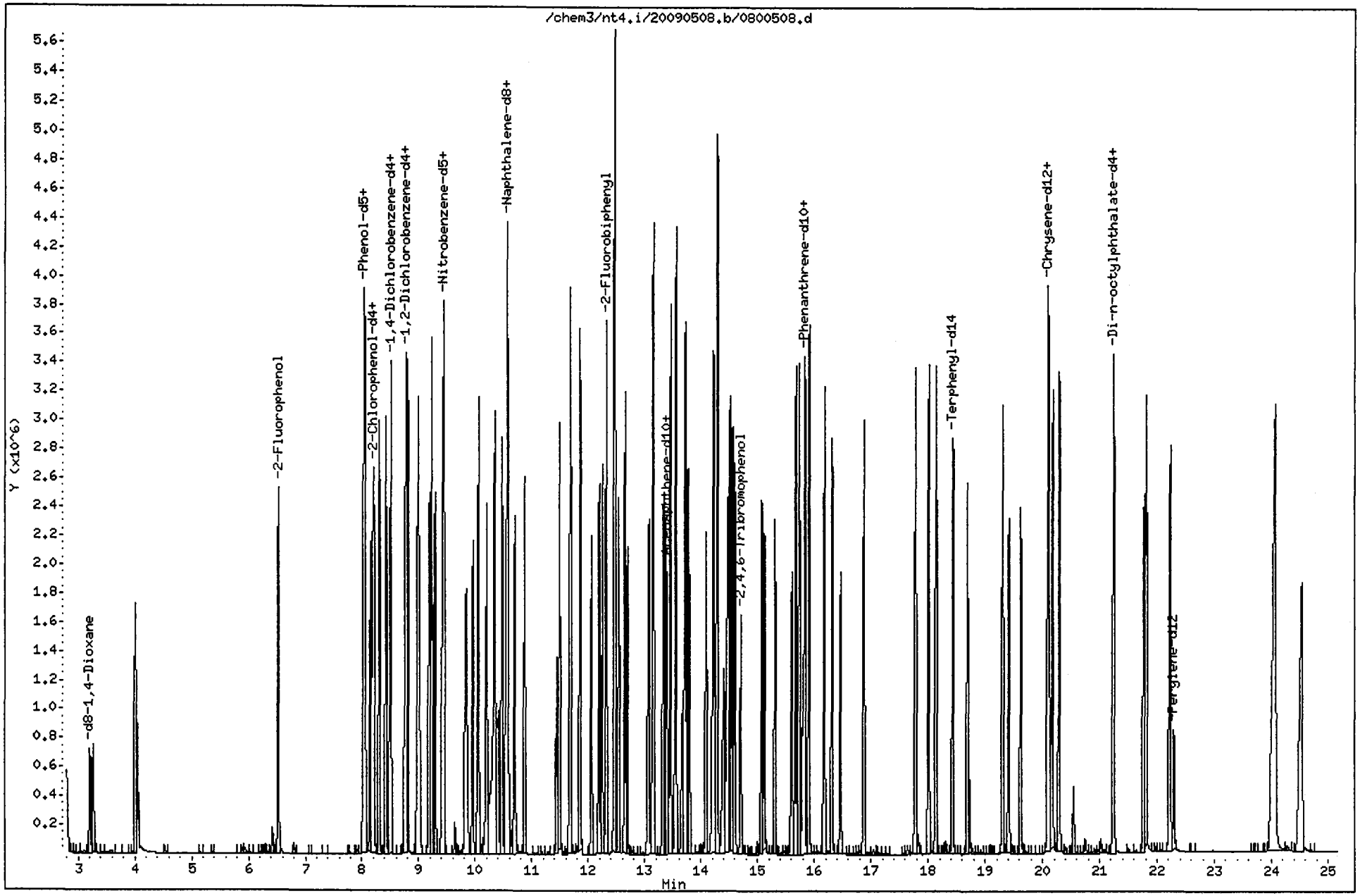
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20090508.b/0800508.d
Date : 08-MAY-2009 12:31
Client ID:
Sample Info: ABN 80

Instrument: nt4.i

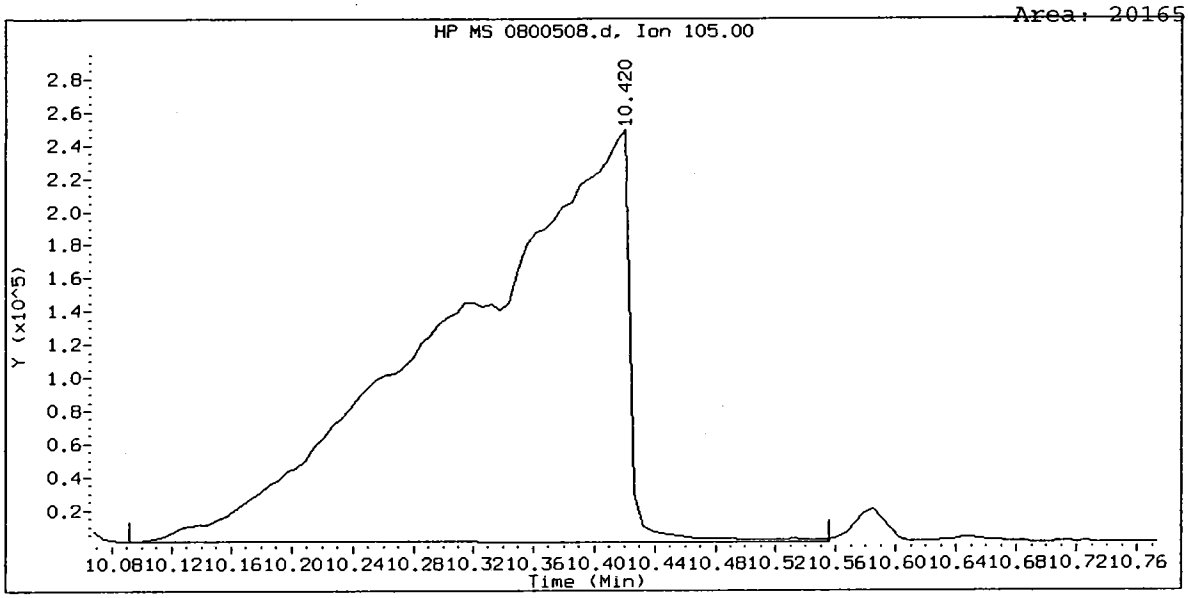
Operator: LJR/VTS
Column diameter: 0.32

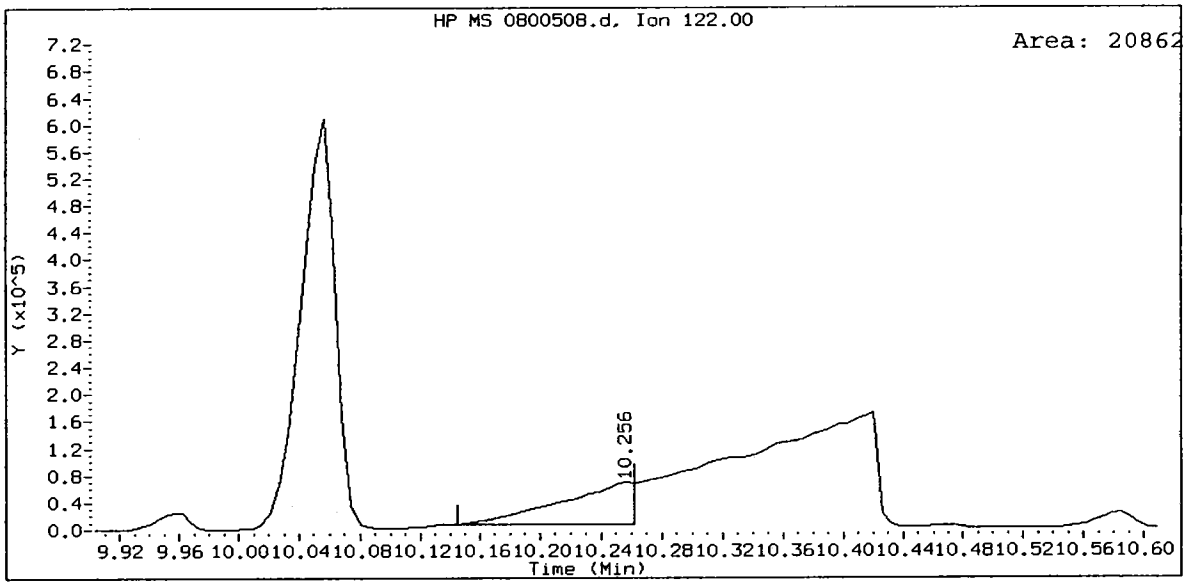
Column phase: ZB-5

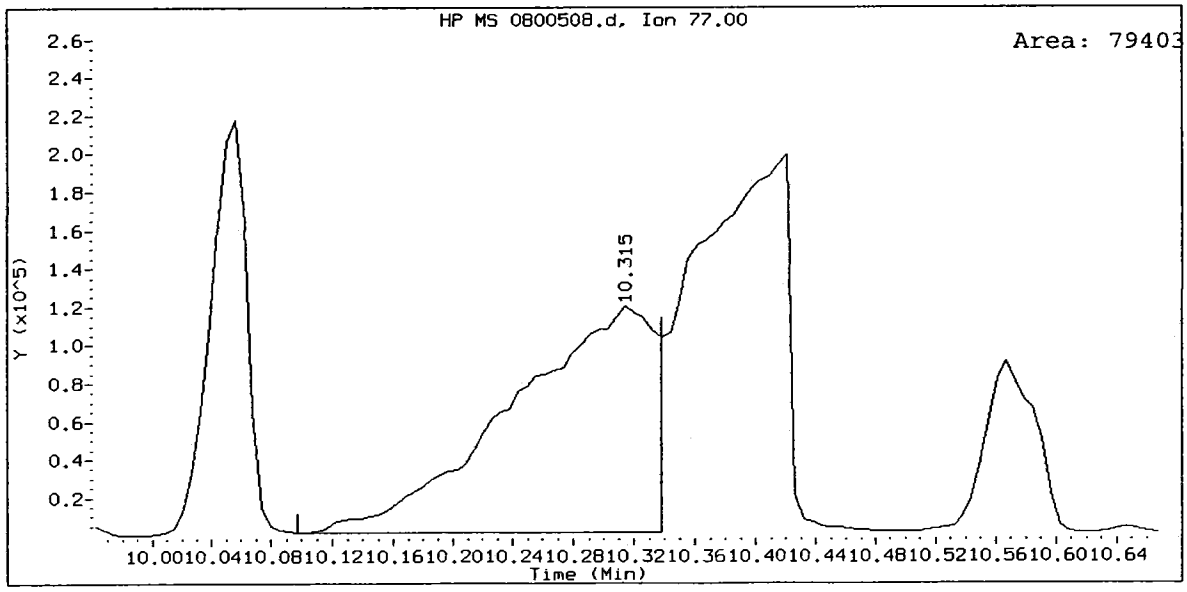


PB14:60481

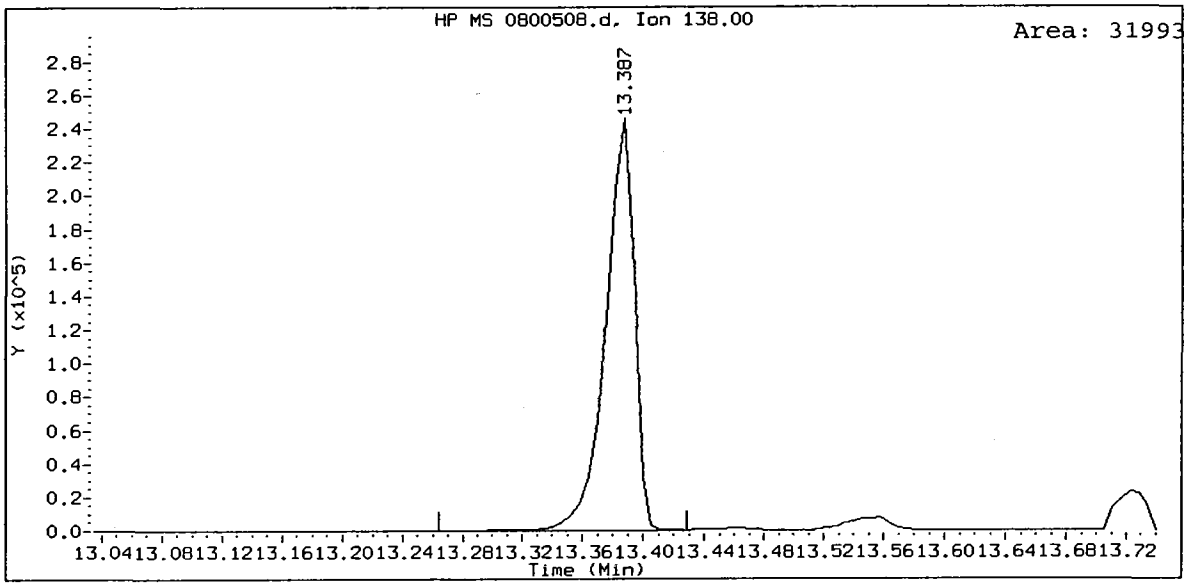
ABN 80, /chem3/nt4.i/20090508.b/0800508.d
Benzoic acid Amount: 165.03

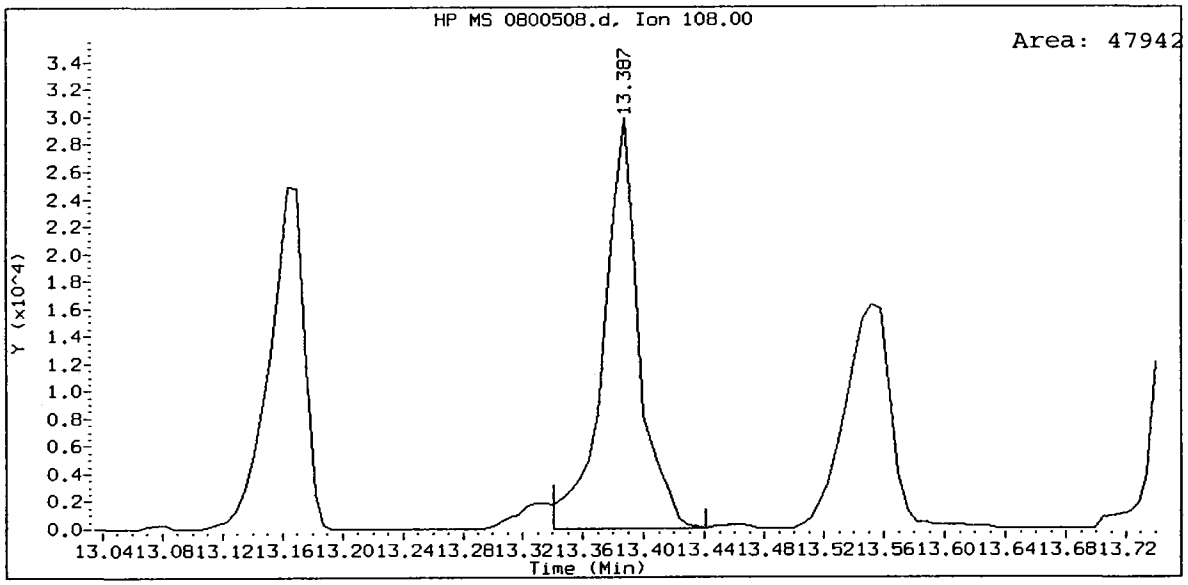


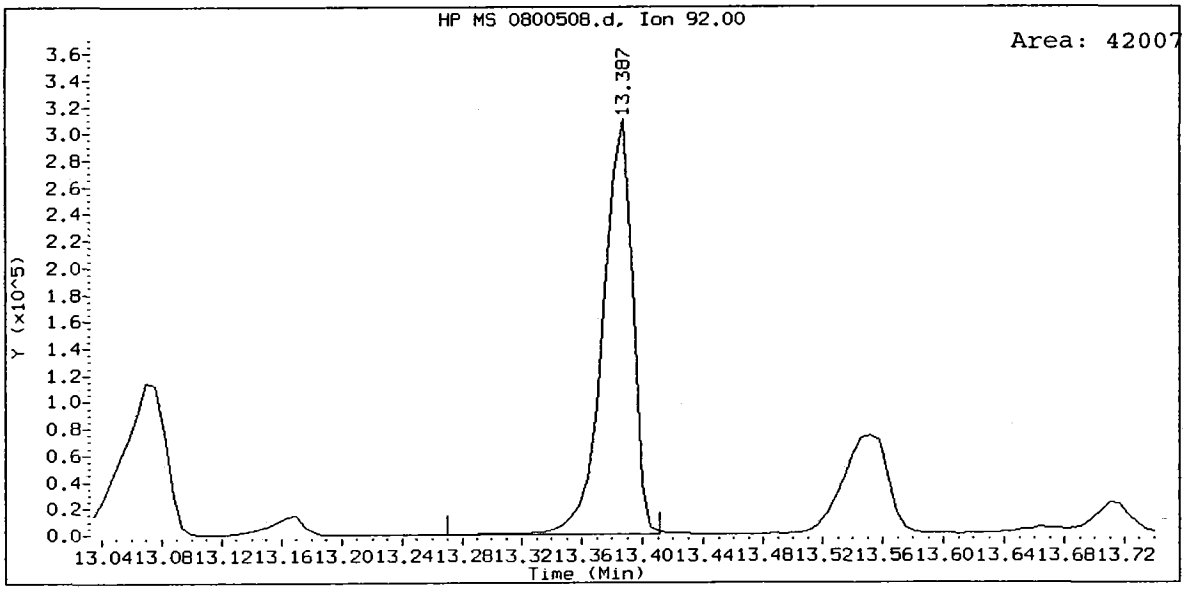




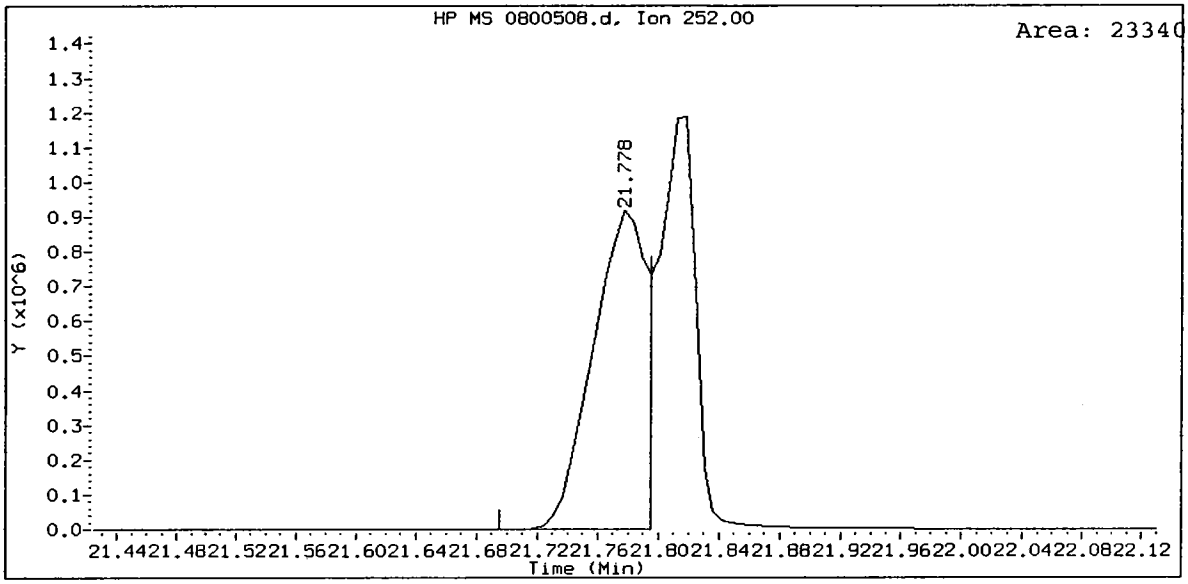
ABN 80, /chem3/nt4.i/20090508.b/0800508.d
3-Nitroaniline Amount: 55.13

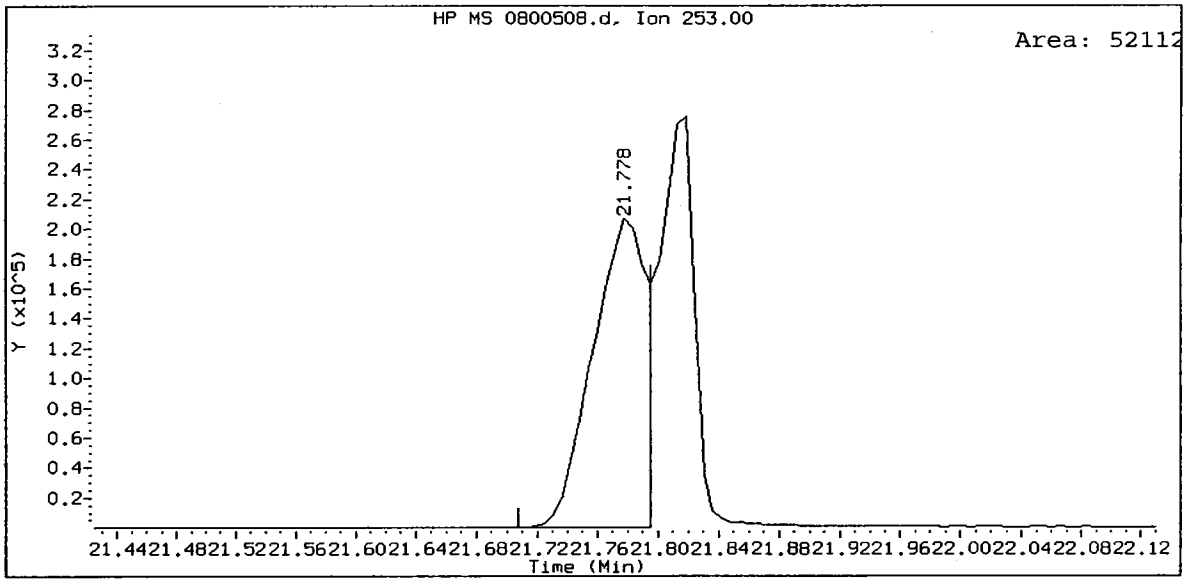


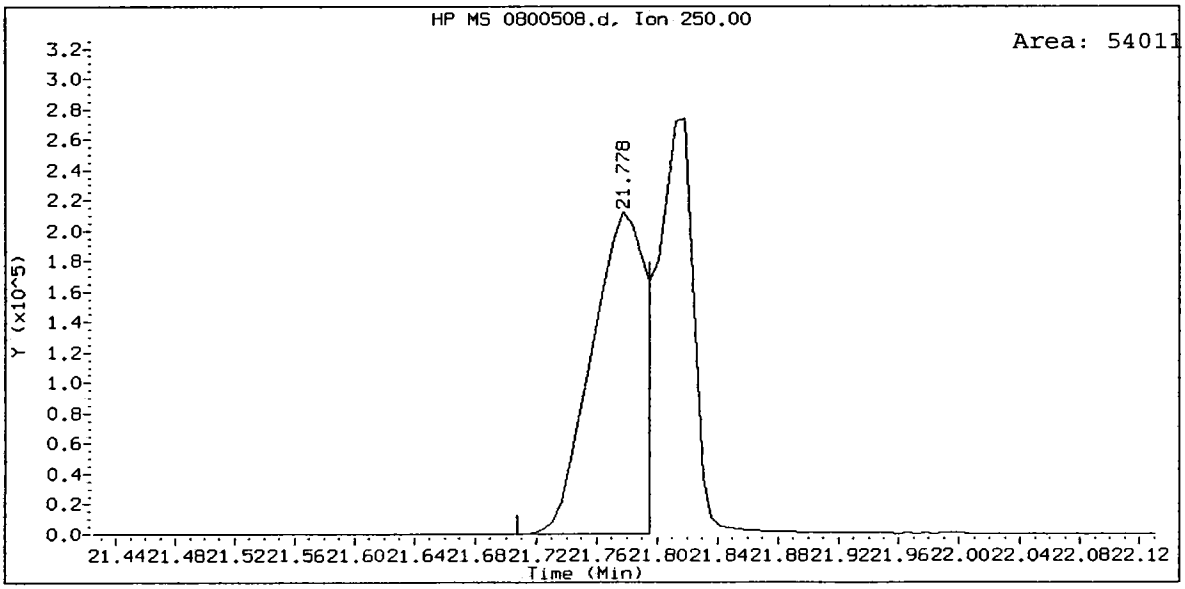




ABN 80, /chem3/nt4.i/20090508.b/0800508.d
Benzo(k)fluoranthene Amount: 72.55







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090508.b/c800508.d
Lab Smp Id: CARB 80
Inj Date : 08-MAY-2009 15:22
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : CARB 80
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20090508.b/SW846.m
Meth Date : 11-May-2009 16:19 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CARB.sub
Target Version: 3.50

LJR 5/11/09

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
186 Carbaryl	144	16.584	16.584	(1.958)	1106375	80.0000	62.60
* 59 Phenanthrene-d10	188	15.779	15.779	(1.000)	542152	20.0000	

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: c800508.d
Lab Smp Id: CARB 80
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090508.b/SW846.m
Misc Info:

Calibration Date: 08-MAY-2009
Calibration Time: 11:56

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.
If Continuing Cal. use Initial Cal. Level 4

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
59 Phenanthrene-d10	514258	257129	1028516	542152	5.42

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
59 Phenanthrene-d10	15.79	15.29	16.29	15.78	-0.05

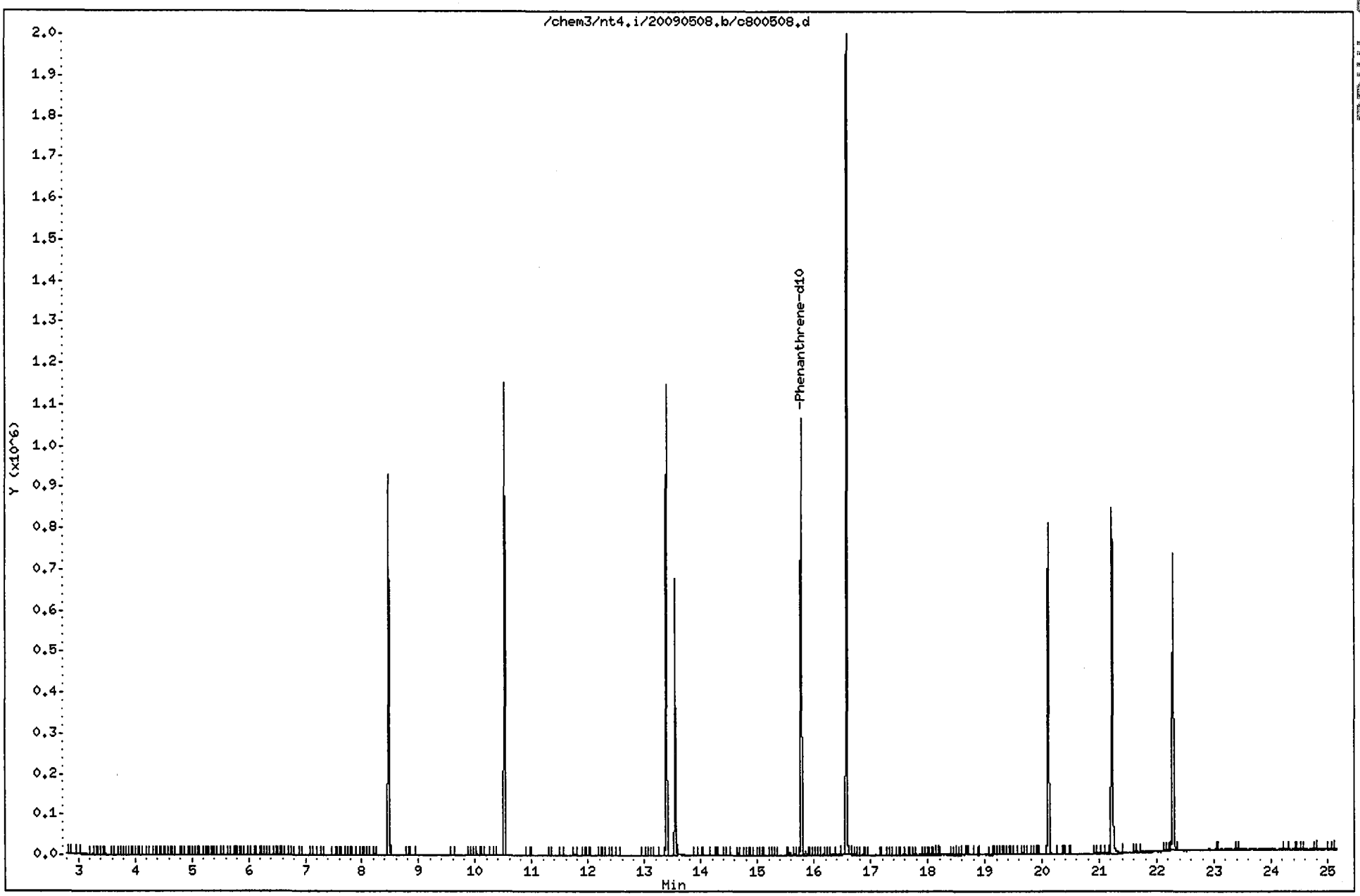
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20090508.b/c800508.d
Date : 08-MAY-2009 15:22
Client ID:
Sample Info: CARB 80

Column phase: ZB-5

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090508.b/icv0508.d
Lab Smp Id: ABN ICV
Inj Date : 08-MAY-2009 15:56
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : ABN ICV
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20090508.b/SW846.m
Meth Date : 11-May-2009 16:19 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 8 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICV.sub
Target Version: 3.50

LJR 5/11/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
3	Phenol	94	8.029	8.064	(0.947)	466871	26.5795	26.58
4	Bis(2-Chloroethyl)ether	93	8.129	8.152	(0.959)	329084	25.1502	25.15
6	2-Chlorophenol	128	8.194	8.211	(0.967)	280264	25.8643	25.86
7	1,3-Dichlorobenzene	146	8.411	8.429	(0.992)	305512	25.5700	25.57
* 8	1,4-Dichlorobenzene-d4	152	8.476	8.470	(1.000)	147371	20.0000	
9	1,4-Dichlorobenzene	146	8.499	8.511	(1.003)	309446	25.8537	25.85
11	Benzyl alcohol	108	8.740	8.764	(1.031)	253157	30.3034	30.30
12	1,2-Dichlorobenzene	146	8.793	8.805	(1.037)	287064	25.5044	25.50
13	2-Methylphenol	108	8.963	8.987	(1.058)	295161	25.9707	25.97
14	2,2'-oxybis(1-Chloropropane)	45	9.005	9.010	(1.062)	408096	25.9824	25.98
15	4-Methylphenol	108	9.193	9.222	(1.085)	307921	26.0142	26.01
16	N-Nitroso-di-n-propylamine	70	9.216	9.251	(1.087)	257034	25.0805	25.08
17	Hexachloroethane	117	9.287	9.292	(1.096)	134345	25.7864	25.79
19	Nitrobenzene	77	9.428	9.451	(0.896)	384833	26.4577	26.46
20	Isophorone	82	9.804	9.839	(0.932)	613519	23.7074	23.71
21	2-Nitrophenol	139	9.945	9.956	(0.945)	149015	25.5832	25.58
22	2,4-Dimethylphenol	107	10.033	10.056	(0.954)	332213	26.5204	26.52
23	Bis(2-Chloroethoxy)methane	93	10.186	10.203	(0.968)	375697	25.6604	25.66
24	Benzoic acid	105	10.268	10.420	(0.976)	496924	53.3707	53.37
25	2,4-Dichlorophenol	162	10.321	10.344	(0.981)	220176	26.5309	26.53
26	1,2,4-Trichlorobenzene	180	10.462	10.467	(0.994)	241756	25.6150	25.61
* 27	Naphthalene-d8	136	10.521	10.515	(1.000)	512023	20.0000	
28	Naphthalene	128	10.550	10.567	(1.003)	762075	26.1522	26.15
29	4-Chloroaniline	127	10.679	10.697	(1.015)	317877	26.3702	26.37
30	Hexachlorobutadiene	225	10.867	10.873	(1.033)	128527	26.9208	26.92
31	4-Chloro-3-methylphenol	107	11.478	11.496	(1.091)	274282	26.4311	26.43
32	2-Methylnaphthalene	141	11.672	11.684	(1.109)	411068	25.3340	25.33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
33	Hexachlorocyclopentadiene	237	12.054	12.060	(0.900)	131294	25.6525	25.65
34	2,4,6-Trichlorophenol	196	12.183	12.195	(0.910)	147576	25.7463	25.75
35	2,4,5-Trichlorophenol	196	12.236	12.254	(0.914)	156971	25.9152	25.92
37	2-Chloronaphthalene	162	12.459	12.477	(0.930)	448899	26.0865	26.09
38	2-Nitroaniline	65	12.677	12.700	(0.946)	190254	26.0116	26.01
39	Dimethylphthalate	163	13.047	13.076	(0.974)	488409	25.2543	25.25
40	Acenaphthylene	152	13.141	13.152	(0.981)	684405	24.0904	24.09
41	2,6-Dinitrotoluene	165	13.147	13.164	(0.982)	113476	25.5484	25.55
* 42	Acenaphthene-d10	164	13.394	13.393	(1.000)	271558	20.0000	
43	3-Nitroaniline	138	13.358	13.387	(0.997)	130238	29.0705	29.07
44	Acenaphthene	153	13.446	13.464	(1.004)	453267	26.2423	26.24
45	2,4-Dinitrophenol	184	13.529	13.558	(1.010)	150989	60.1336	60.13
46	Dibenzofuran	168	13.705	13.722	(1.023)	599672	24.7870	24.79
47	4-Nitrophenol	109	13.646	13.670	(1.019)	90395	26.4867	26.49
48	2,4-Dinitrotoluene	165	13.776	13.799	(1.028)	147633	24.9258	24.93
49	Fluorene	166	14.263	14.281	(1.065)	504986	26.4936	26.49
50	Diethylphthalate	149	14.204	14.228	(1.061)	491487	24.4392	24.44
51	4-Chlorophenyl-phenylether	204	14.281	14.292	(1.066)	231016	25.6137	25.61
52	4-Nitroaniline	138	14.357	14.404	(1.072)	125487	26.7331	26.73
53	4,6-Dinitro-2-methylphenol	198	14.439	14.474	(0.915)	192482	55.8140	55.81
54	N-Nitrosodiphenylamine	169	14.481	14.510	(0.918)	241359	17.7089	17.71
56	4-Bromophenyl-phenylether	248	15.068	15.080	(0.955)	122047	25.1793	25.18
57	Hexachlorobenzene	284	15.297	15.315	(0.969)	126886	25.2124	25.21
58	Pentachlorophenol	266	15.591	15.603	(0.988)	81794	25.5532	25.55
* 59	Phenanthrene-d10	188	15.779	15.779	(1.000)	419650	20.0000	
60	Phenanthrene	178	15.820	15.838	(1.003)	688890	25.7217	25.72
61	Anthracene	178	15.891	15.914	(1.007)	673198	24.7621	24.76
62	Carbazole	167	16.167	16.184	(1.025)	553126	24.0430	24.04
63	Di-n-butylphthalate	149	16.866	16.872	(1.069)	746958	25.1424	25.14
64	Fluoranthene	202	17.765	17.782	(1.126)	675184	25.4229	25.42
65	Pyrene	202	18.129	18.141	(0.901)	687026	25.5747	25.57
67	Butylbenzylphthalate	149	19.298	19.310	(0.959)	317605	25.4167	25.42
68	Benzo(a)anthracene	228	20.092	20.109	(0.999)	555845	25.8076	25.81
* 69	Chrysene-d12	240	20.115	20.109	(1.000)	312018	20.0000	
70	3,3'-Dichlorobenzidine	252	20.086	20.097	(0.999)	195975	26.8939	26.89
71	Chrysene	228	20.156	20.180	(1.002)	534606	25.3822	25.38
72	bis(2-Ethylhexyl)phthalate	149	20.286	20.291	(0.956)	426263	25.3971	25.40
* 134	Di-n-octylphthalate-d4	153	21.220	21.220	(1.000)	518955	20.0000	
73	Di-n-octylphthalate	149	21.231	21.243	(1.001)	714950	25.1845	25.18
74	Benzo(b)fluoranthene	252	21.754	21.778	(0.976)	571630	26.0311	26.03(H)
75	Benzo(k)fluoranthene	252	21.790	21.778	(0.978)	575528	25.3263	25.33
76	Benzo(a)pyrene	252	22.207	22.230	(0.997)	510103	25.9877	25.99
* 77	Perylene-d12	264	22.283	22.283	(1.000)	314268	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.993	24.040	(1.077)	649272	26.3410	26.34
79	Dibenzo(a,h)anthracene	278	24.016	24.069	(1.078)	541130	26.9272	26.93
80	Benzo(g,h,i)perylene	276	24.481	24.539	(1.099)	583239	26.1846	26.18
103	Pyridine	79	3.958	4.004	(0.467)	326128	23.3752	23.38

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/mL)
90 N-Nitrosodimethylamine	74	3.987	4.057	(0.470)	216667	25.4463	25.45
91 Aniline	93	8.023	8.041	(0.947)	529355	26.2873	26.29
105 1-methylnaphthalene	141	11.848	11.860	(1.126)	407356	26.2687	26.27
111 Azobenzene (1,2-DP-Hydrazine)	77	14.533	14.551	(1.085)	651092	24.8455	24.85
93 Benzidine	184	18.000	18.011	(0.895)	283099	32.4080	32.41

QC Flag Legend

H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: icv0508.d
Lab Smp Id: ABN ICV
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090508.b/SW846.m
Misc Info:

Calibration Date: 08-MAY-2009
Calibration Time: 11:56

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.
If Continuing Cal. use Initial Cal. Level 4

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	147371	-18.41
27 Naphthalene-d8	633172	316586	1266344	512023	-19.13
42 Acenaphthene-d10	336916	168458	673832	271558	-19.40
59 Phenanthrene-d10	514258	257129	1028516	419650	-18.40
69 Chrysene-d12	376875	188438	753750	312018	-17.21
134 Di-n-octylphthala	640574	320287	1281148	518955	-18.99
77 Perylene-d12	383864	191932	767728	314268	-18.13

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	8.48	7.98	8.98	8.48	-0.03
27 Naphthalene-d8	10.52	10.02	11.02	10.52	-0.02
42 Acenaphthene-d10	13.40	12.90	13.90	13.39	-0.02
59 Phenanthrene-d10	15.79	15.29	16.29	15.78	-0.05
69 Chrysene-d12	20.12	19.62	20.62	20.12	-0.01
134 Di-n-octylphthala	21.22	20.72	21.72	21.22	-0.01
77 Perylene-d12	22.29	21.79	22.79	22.28	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Client SDG: 20090508
Sample Matrix: NONE Fraction: SV
Lab Smp Id: ABN ICV
Level: Operator: LJR/VTS
Data Type: MS DATA SampleType: LCS
SpikeList File: ICV.spk Quant Type: ISTD
Sublist File: ICV.sub
Method File: /chem3/nt4.i/20090508.b/SW846.m
Misc Info:

SPIKE	COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
3	Phenol	25.00	26.58	106.32	
4	Bis(2-Chloroethyl)	25.00	25.15	100.60	
6	2-Chlorophenol	25.00	25.86	103.46	
7	1,3-Dichlorobenzen	25.00	25.57	102.28	
9	1,4-Dichlorobenzen	25.00	25.85	103.41	
11	Benzyl alcohol	25.00	30.30	121.21	
12	1,2-Dichlorobenzen	25.00	25.50	102.02	
13	2-Methylphenol	25.00	25.97	103.88	
14	2,2'-oxybis(1-Chlo	25.00	25.98	103.93	
15	4-Methylphenol	25.00	26.01	104.06	
16	N-Nitroso-di-n-pro	25.00	25.08	100.32	
17	Hexachloroethane	25.00	25.79	103.15	
19	Nitrobenzene	25.00	26.46	105.83	
20	Isophorone	25.00	23.71	94.83	
21	2-Nitrophenol	25.00	25.58	102.33	OK
22	2,4-Dimethylphenol	25.00	26.52	106.08	
23	Bis(2-Chloroethoxy	25.00	25.66	102.64	
24	Benzoic acid	50.00	53.37	106.74	
25	2,4-Dichlorophenol	25.00	26.53	106.12	
26	1,2,4-Trichloroben	25.00	25.61	102.46	
28	Naphthalene	25.00	26.15	104.61	
29	4-Chloroaniline	25.00	26.37	105.48	
30	Hexachlorobutadien	25.00	26.92	107.68	
31	4-Chloro-3-methylp	25.00	26.43	105.72	
32	2-Methylnaphthalen	25.00	25.33	101.34	
33	Hexachlorocyclopen	25.00	25.65	102.61	
34	2,4,6-Trichlorophe	25.00	25.75	102.99	
35	2,4,5-Trichlorophe	25.00	25.92	103.66	
37	2-Chloronaphthalen	25.00	26.09	104.35	
38	2-Nitroaniline	25.00	26.01	104.05	
39	Dimethylphthalate	25.00	25.25	101.02	
40	Acenaphthylene	25.00	24.09	96.36	
41	2,6-Dinitrotoluene	25.00	25.55	102.19	

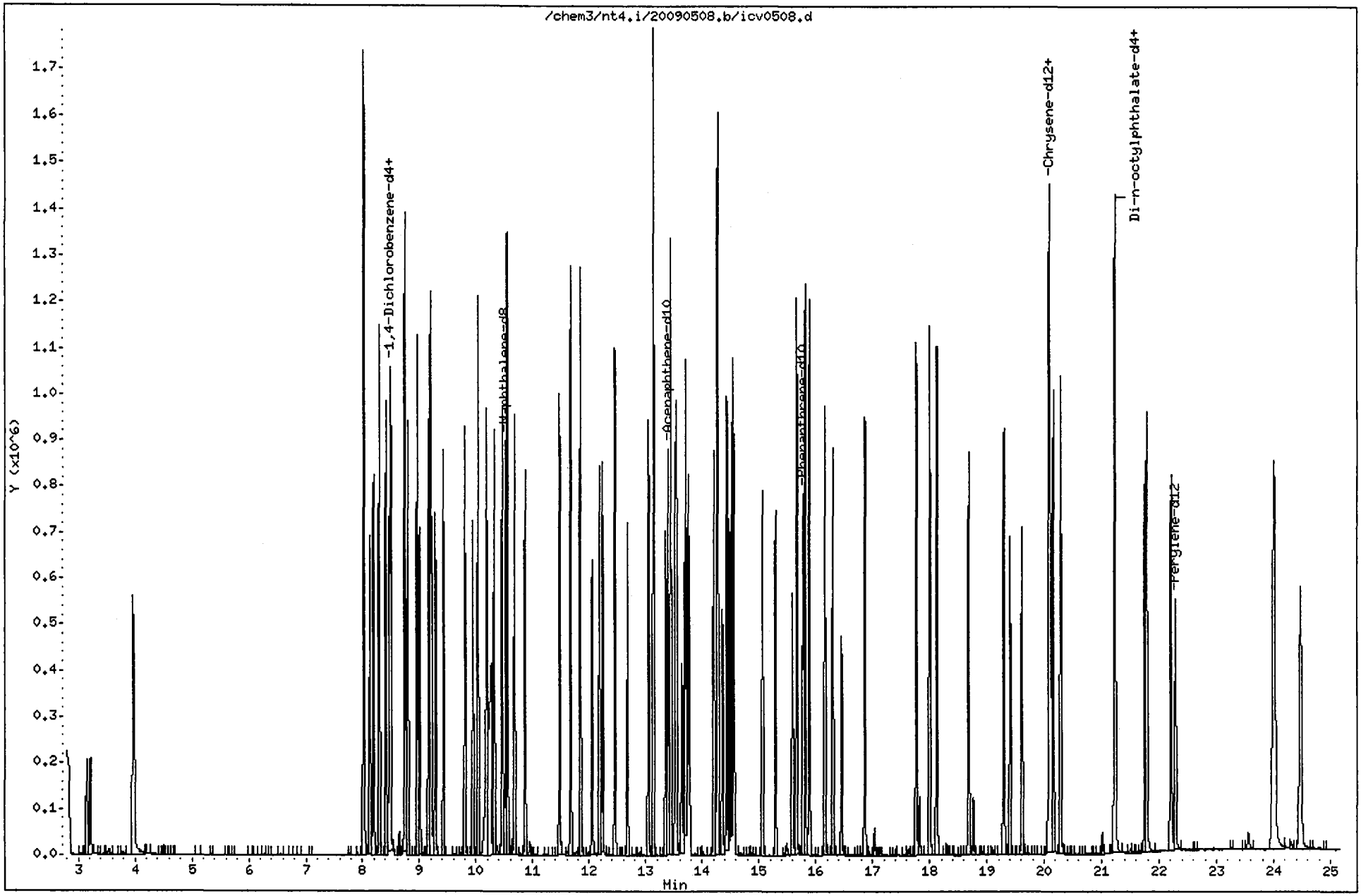
SPIKE	COMPOUND	AMOUNT ADDED ug/mL	AMOUNT RECOVERED ug/mL	% RECOVERED	LIMITS
43	3-Nitroaniline	25.00	29.07	116.28	
44	Acenaphthene	25.00	26.24	104.97	
45	2,4-Dinitrophenol	50.00	60.13	120.27	
46	Dibenzofuran	25.00	24.79	99.15	
47	4-Nitrophenol	25.00	26.49	105.95	
48	2,4-Dinitrotoluene	25.00	24.93	99.70	
49	Fluorene	25.00	26.49	105.97	
50	Diethylphthalate	25.00	24.44	97.76	
51	4-Chlorophenyl-phe	25.00	25.61	102.45	
52	4-Nitroaniline	25.00	26.73	106.93	
53	4,6-Dinitro-2-meth	50.00	55.81	111.63	
54	N-Nitrosodiphenyla	25.00	17.71	70.84	
56	4-Bromophenyl-phen	25.00	25.18	100.72	
57	Hexachlorobenzene	25.00	25.21	100.85	
58	Pentachlorophenol	25.00	25.55	102.21	
60	Phenanthrene	25.00	25.72	102.89	OK
61	Anthracene	25.00	24.76	99.05	
62	Carbazole	25.00	24.04	96.17	
63	Di-n-butylphthalat	25.00	25.14	100.57	
64	Fluoranthene	25.00	25.42	101.69	
65	Pyrene	25.00	25.57	102.30	
67	Butylbenzylphthala	25.00	25.42	101.67	
68	Benzo(a)anthracene	25.00	25.81	103.23	
70	3,3'-Dichlorobenzi	25.00	26.89	107.58	
71	Chrysene	25.00	25.38	101.53	
72	bis(2-Ethylhexyl)p	25.00	25.40	101.59	
73	Di-n-octylphthalat	25.00	25.18	100.74	
74	Benzo(b)fluoranthe	25.00	26.03	104.12	
75	Benzo(k)fluoranthe	25.00	25.33	101.31	
76	Benzo(a)pyrene	25.00	25.99	103.95	
78	Indeno(1,2,3-cd)py	25.00	26.34	105.36	
79	Dibenzo(a,h)anthra	25.00	26.93	107.71	
80	Benzo(g,h,i)peryle	25.00	26.18	104.74	
90	N-Nitrosodimethyla	25.00	25.45	101.79	
91	Aniline	25.00	26.29	105.15	
93	Benzidine	25.00	32.41	129.63	
103	Pyridine	25.00	23.38	93.50	
105	1-methylnaphthalen	25.00	26.27	105.07	

Data File: /chem3/nt4.i/20090508.b/icv0508.d
Date : 08-MAY-2009 15:56
Client ID:
Sample Info: ABN ICV

Instrument: nt4.i

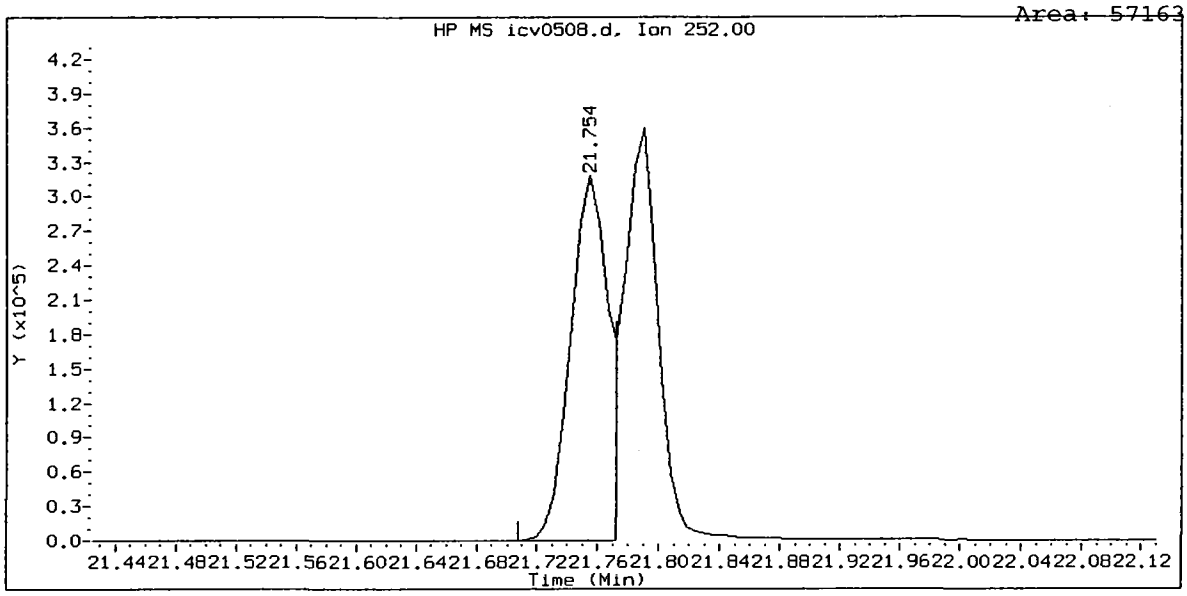
Operator: LJR/VTS
Column diameter: 0.32

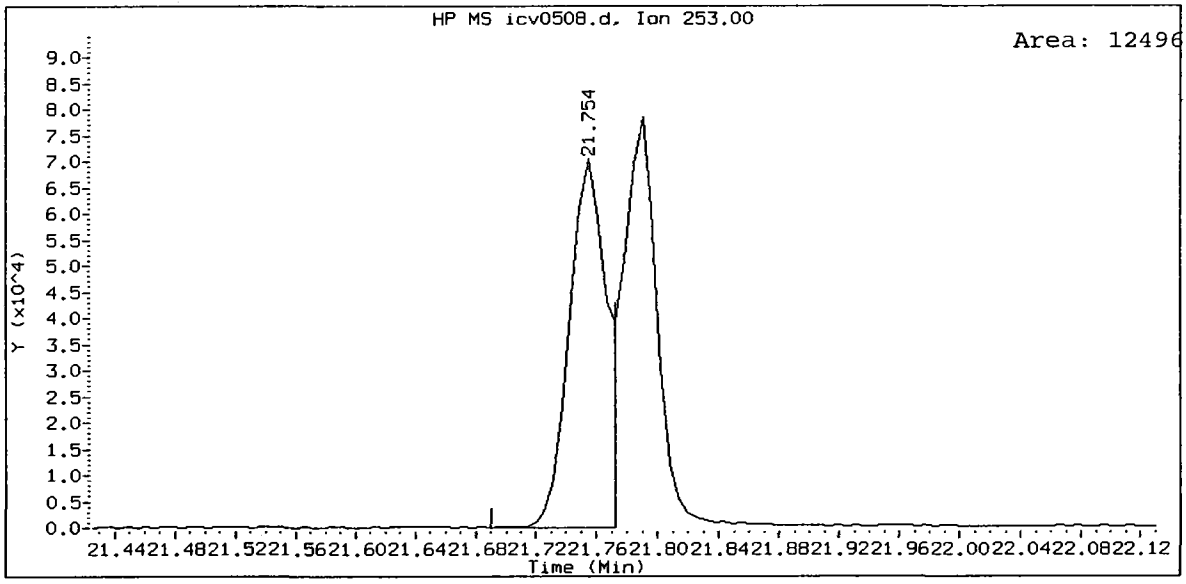
Column phase: ZB-5

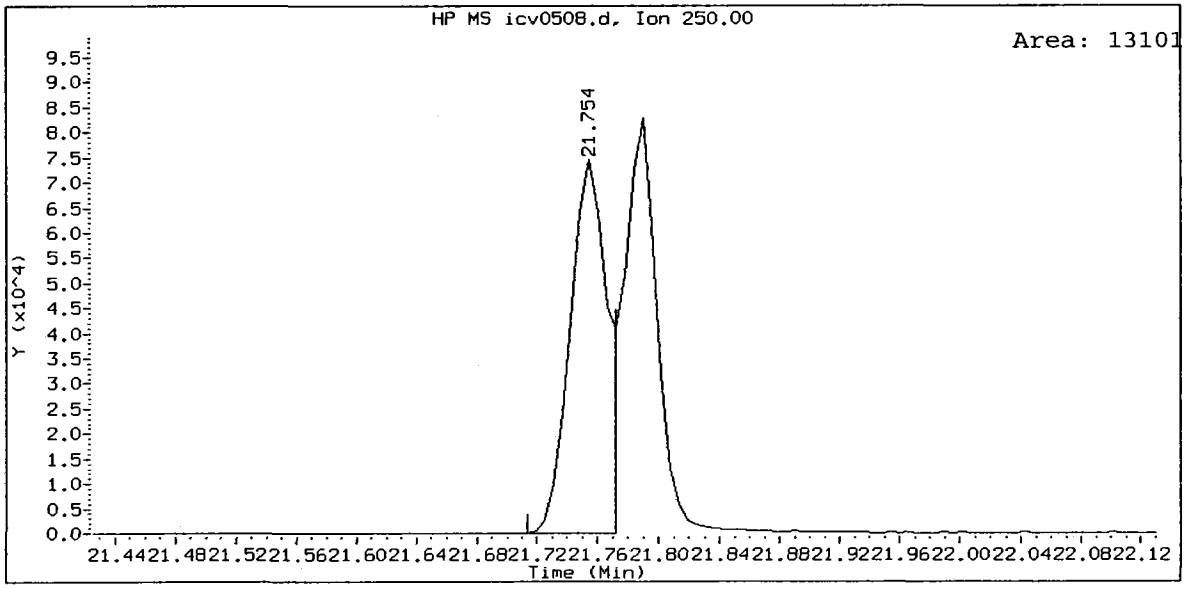


PBM-050908

ABN ICV, /chem3/nt4.i/20090508.b/icv0508.d
Benzo(b)fluoranthene Amount: 26.03







7B

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Instrument ID: NT4 Cont. Calib. Date: 06/16/09

Init. Calib. Date: 05/08/09 Cont. Calib. Time: 1306

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
Phenol	2.384	2.146	0.800	AVRG	-10.0
Bis(2-Chloroethyl)ether	1.776	1.697	0.700	AVRG	-4.4
2-Chlorophenol	1.470	1.500	0.800	AVRG	2.0
1,3-Dichlorobenzene	1.622	1.630	0.010	AVRG	0.5
1,4-Dichlorobenzene	1.624	1.663	0.010	AVRG	2.4
1,2-Dichlorobenzene	1.528	1.636	0.010	AVRG	7.1
Benzyl alcohol	1.134	1.204	0.010	AVRG	6.2
2,2'-oxybis(1-Chloropropane)	2.132	1.722	0.010	AVRG	-19.2
2-Methylphenol	1.542	1.611	0.700	AVRG	4.5
Hexachloroethane	0.707	0.721	0.300	AVRG	2.0
N-Nitroso-di-n-propylamine	1.390	1.238	0.500	AVRG	-10.9
4-Methylphenol	1.606	1.677	0.600	AVRG	4.4
Nitrobenzene	0.568	0.520	0.200	AVRG	-8.4
Isophorone	1.011	0.925	0.400	AVRG	-8.5
2-Nitrophenol	0.227	0.226	0.100	AVRG	-0.4
2,4-Dimethylphenol	0.489	0.474	0.200	AVRG	-3.1
Bis(2-Chloroethoxy)methane	0.572	0.536	0.300	AVRG	-6.3
2,4-Dichlorophenol	0.324	0.341	0.200	AVRG	5.2
1,2,4-Trichlorobenzene	0.368	0.371	0.010	AVRG	0.8
Naphthalene	1.138	1.138	0.700	AVRG	0.0
Benzoic acid	0.364	0.349	0.010	AVRG	-4.1
4-Chloroaniline	0.471	0.494	0.010	AVRG	4.9
Hexachlorobutadiene	0.186	0.196	0.010	AVRG	5.4
4-Chloro-3-methylphenol	0.405	0.410	0.200	AVRG	1.2
2-Methylnaphthalene	0.634	0.660	0.400	AVRG	4.1
Hexachlorocyclopentadiene	0.377	0.351	0.050	AVRG	-6.9
2,4,6-Trichlorophenol	0.422	0.441	0.200	AVRG	4.5
2,4,5-Trichlorophenol	0.446	0.459	0.200	AVRG	2.9
2-Chloronaphthalene	1.267	1.290	0.800	AVRG	1.8
2-Nitroaniline	0.539	0.482	0.010	AVRG	-10.6
Acenaphthylene	2.092	2.038	0.900	AVRG	-2.6
Dimethylphthalate	1.424	1.435	0.010	AVRG	0.8
2,6-Dinitrotoluene	0.327	0.322	0.200	AVRG	-1.5
Acenaphthene	1.272	1.248	0.900	AVRG	-1.9
3-Nitroaniline	0.330	0.391	0.010	AVRG	18.5
2,4-Dinitrophenol	0.185	0.189	0.010	AVRG	2.2
Dibenzofuran	1.782	1.770	0.800	AVRG	-0.7

<- Exceeds QC limit of 20% D
* RF less than minimum RF

FORM VII SV-1

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Instrument ID: NT4 Cont. Calib. Date: 06/16/09

Init. Calib. Date: 05/08/09 Cont. Calib. Time: 1306

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift	
4-Nitrophenol	0.251	0.292	0.010	AVRG	16.3	
2,4-Dinitrotoluene	0.436	0.434	0.200	AVRG	-0.4	
Fluorene	1.404	1.497	0.900	AVRG	6.6	
4-Chlorophenyl-phenylether	0.664	0.699	0.400	AVRG	5.3	
Diethylphthalate	1.481	1.476	0.010	AVRG	-0.3	
4-Nitroaniline	0.346	0.366	0.010	AVRG	5.8	
4,6-Dinitro-2-methylphenol	0.164	0.167	0.010	AVRG	1.8	
N-Nitrosodiphenylamine(1)	0.650	0.620	0.010	AVRG	-4.6	
4-Bromophenyl-phenylether	0.231	0.234	0.100	AVRG	1.3	
Hexachlorobenzene	0.240	0.238	0.100	AVRG	-0.8	
Pentachlorophenol	0.152	0.149	0.050	AVRG	-2.0	
Phenanthrene	1.276	1.250	0.700	AVRG	-2.0	
Anthracene	1.296	1.294	0.700	AVRG	-0.2	
Carbazole	1.096	1.152	0.010	AVRG	5.1	
Di-n-butylphthalate	1.416	1.473	0.010	AVRG	4.0	
Fluoranthene	1.266	1.332	0.600	AVRG	5.2	
Pyrene	1.722	1.610	0.600	AVRG	-6.5	
Butylbenzylphthalate	0.801	0.770	0.010	AVRG	-3.9	
Benzo(a)anthracene	1.381	1.388	0.800	AVRG	0.5	
3,3'-Dichlorobenzidine	0.467	0.540	0.010	AVRG	15.6	
Chrysene	1.350	1.310	0.700	AVRG	-3.0	
bis(2-Ethylhexyl)phthalate	0.647	0.648	0.010	AVRG	0.2	
Di-n-octylphthalate	1.094	1.116	0.010	AVRG	2.0	
Benzo(b)fluoranthene	1.397	1.443	0.700	AVRG	3.3	
Benzo(k)fluoranthene	1.446	1.624	0.700	AVRG	12.3	
Benzo(a)pyrene	1.249	1.302	0.700	AVRG	4.2	
Indeno(1,2,3-cd)pyrene	1.569	1.540	0.500	AVRG	-1.8	
Dibenzo(a,h)anthracene	1.279	1.330	0.400	AVRG	4.0	
Benzo(g,h,i)perylene	1.418	1.284	0.500	AVRG	-9.4	
N-Nitrosodimethylamine	1.155		0.010	AVRG		*
Aniline	2.733	2.719	0.010	AVRG	-0.5	
Benzidine	25.00	15.32	0.010	LINR	-38.7	<-
Pyridine	1.893	0.001	0.010	AVRG	-99.9	<-
1-methylnaphthalene	0.606	0.626	0.010	AVRG	3.3	
Azobenzene (1,2-DP-Hydrazine	1.930	1.764	0.010	AVRG	-8.6	

(1) Cannot be separated from Diphenylamine
<- Exceeds QC limit of 20% D
* RF less than minimum RF

7C

SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Instrument ID: NT4 Cont. Calib. Date: 06/16/09

Init. Calib. Date: 05/08/09 Cont. Calib. Time: 1306

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift
2-Fluorophenol	1.532	1.452	0.010	AVRG	-5.2
Phenol-d5	2.087	2.054	0.010	AVRG	-1.6
2-Chlorophenol-d4	1.289	1.335	0.010	AVRG	3.6
1,2-Dichlorobenzene-d4	0.941	1.005	0.010	AVRG	6.8
Nitrobenzene-d5	0.567	0.503	0.010	AVRG	-11.3
2-Fluorobiphenyl	1.516	1.460	0.010	AVRG	-3.7
2,4,6-Tribromophenol	0.185	0.200	0.010	AVRG	8.1
Terphenyl-d14	1.028	0.986	0.010	AVRG	-4.1

<- Exceeds QC limit of 20% D
* RF less than minimum RF

FORM VII SV-3

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i Injection Date: 16-JUN-2009 13:06
Lab File ID: cc0616.d Init. Cal. Date(s): 08-MAY-2009 08-MAY-2009
Analysis Type: Init. Cal. Times: 11:56 15:22
Lab Sample ID: ABN 25 Quant Type: ISTD
Method: /chem3/nt4.i/20090616.b/SW846.m

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 1 2-Fluorophenol	1.53238	1.45217	1.45217	0.010	-5.23414	20.00000	Averaged
$ 2 Phenol-d5	2.08666	2.05424	2.05424	0.010	-1.55330	20.00000	Averaged
3 Phenol	2.38379	2.14612	2.14612	0.800	-9.97037	20.00000	Averaged
$ 5 2-Chlorophenol-d4	1.28873	1.33465	1.33465	0.010	3.56388	20.00000	Averaged
4 Bis(2-Chloroethyl)ether	1.77575	1.69682	1.69682	0.700	-4.44487	20.00000	Averaged
6 2-Chlorophenol	1.47057	1.50027	1.50027	0.800	2.02000	20.00000	Averaged
7 1,3-Dichlorobenzene	1.62149	1.62973	1.62973	0.010	0.50779	20.00000	Averaged
9 1,4-Dichlorobenzene	1.62435	1.66339	1.66339	0.010	2.40316	20.00000	Averaged
$ 10 1,2-Dichlorobenzene-d4	0.94088	1.00529	1.00529	0.010	6.84591	20.00000	Averaged
12 1,2-Dichlorobenzene	1.52750	1.63570	1.63570	0.010	7.08366	20.00000	Averaged
11 Benzyl alcohol	1.13375	1.20369	1.20369	0.010	6.16881	20.00000	Averaged
14 2,2'-oxybis(1-Chloropropane	2.13158	1.72182	1.72182	0.010	-19.22333	20.00000	Averaged
13 2-Methylphenol	1.54239	1.61105	1.61105	0.700	4.45182	20.00000	Averaged
17 Hexachloroethane	0.70705	0.72116	0.72116	0.300	1.99557	20.00000	Averaged
16 N-Nitroso-di-n-propylamine	1.39082	1.23765	1.23765	0.500	-11.01280	20.00000	Averaged
15 4-Methylphenol	1.60638	1.67722	1.67722	0.600	4.41007	20.00000	Averaged
$ 18 Nitrobenzene-d5	0.56753	0.50339	0.50339	0.010	-11.30146	20.00000	Averaged
19 Nitrobenzene	0.56815	0.52056	0.52056	0.200	-8.37653	20.00000	Averaged
20 Isophorone	1.01084	0.92501	0.92501	0.400	-8.49138	20.00000	Averaged
21 2-Nitrophenol	0.22752	0.22611	0.22611	0.100	-0.61923	20.00000	Averaged
22 2,4-Dimethylphenol	0.48930	0.47372	0.47372	0.200	-3.18540	20.00000	Averaged
23 Bis(2-Chloroethoxy)methane	0.57189	0.53618	0.53618	0.300	-6.24397	20.00000	Averaged
24 Benzoic acid	0.36369	0.34938	0.34938	0.010	-3.93425	20.00000	Averaged
25 2,4-Dichlorophenol	0.32416	0.34145	0.34145	0.200	5.33308	20.00000	Averaged
26 1,2,4-Trichlorobenzene	0.36866	0.37075	0.37075	0.010	0.56746	20.00000	Averaged
28 Naphthalene	1.13823	1.13807	1.13807	0.700	-0.01420	20.00000	Averaged
29 4-Chloroaniline	0.47085	0.49409	0.49409	0.010	4.93515	20.00000	Averaged
30 Hexachlorobutadiene	0.18649	0.19562	0.19562	0.010	4.89676	20.00000	Averaged
31 4-Chloro-3-methylphenol	0.40534	0.40999	0.40999	0.200	1.14555	20.00000	Averaged
32 2-Methylnaphthalene	0.63380	0.66003	0.66003	0.400	4.13960	20.00000	Averaged
33 Hexachlorocyclopentadiene	0.37695	0.35062	0.35062	0.050	-6.98448	20.00000	Averaged
34 2,4,6-Trichlorophenol	0.42215	0.44098	0.44098	0.200	4.46044	20.00000	Averaged
35 2,4,5-Trichlorophenol	0.44610	0.45879	0.45879	0.200	2.84557	20.00000	Averaged
$ 36 2-Fluorobiphenyl	1.51598	1.45988	1.45988	0.010	-3.70086	20.00000	Averaged
37 2-Chloronaphthalene	1.26736	1.29059	1.29059	0.800	1.83281	20.00000	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i Injection Date: 16-JUN-2009 13:06
Lab File ID: cc0616.d Init. Cal. Date(s): 08-MAY-2009 08-MAY-2009
Analysis Type: Init. Cal. Times: 11:56 15:22
Lab Sample ID: ABN 25 Quant Type: ISTD
Method: /chem3/nt4.i/20090616.b/SW846.m

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
38 2-Nitroaniline	0.53868	0.48220	0.48220	0.010	-10.48536	20.00000	Averaged
39 Dimethylphthalate	1.42435	1.43544	1.43544	0.010	0.77876	20.00000	Averaged
40 Acenaphthylene	2.09236	2.03823	2.03823	0.900	-2.58714	20.00000	Averaged
41 2,6-Dinitrotoluene	0.32712	0.32169	0.32169	0.200	-1.66041	20.00000	Averaged
43 3-Nitroaniline	0.32995	0.39141	0.39141	0.010	18.62684	20.00000	Averaged
44 Acenaphthene	1.27209	1.24781	1.24781	0.900	-1.90906	20.00000	Averaged
45 2,4-Dinitrophenol	0.18493	0.18879	0.18879	0.010	2.08985	20.00000	Averaged
46 Dibenzofuran	1.78179	1.77057	1.77057	0.800	-0.62978	20.00000	Averaged
47 4-Nitrophenol	0.25135	0.29179	0.29179	0.010	16.08901	20.00000	Averaged
48 2,4-Dinitrotoluene	0.43622	0.43409	0.43409	0.200	-0.48822	20.00000	Averaged
50 Diethylphthalate	1.48112	1.47553	1.47553	0.010	-0.37745	20.00000	Averaged
49 Fluorene	1.40380	1.49705	1.49705	0.900	6.64260	20.00000	Averaged
51 4-Chlorophenyl-phenylether	0.66426	0.69943	0.69943	0.400	5.29506	20.00000	Averaged
52 4-Nitroaniline	0.34571	0.36613	0.36613	0.010	5.90441	20.00000	Averaged
53 4,6-Dinitro-2-methylphenol	0.16436	0.16687	0.16687	0.010	1.52746	20.00000	Averaged
54 N-Nitrosodiphenylamine	0.64955	0.61977	0.61977	0.010	-4.58529	20.00000	Averaged
$ 55 2,4,6-Tribromophenol	0.18477	0.19989	0.19989	0.010	8.18478	20.00000	Averaged
56 4-Bromophenyl-phenylether	0.23101	0.23380	0.23380	0.100	1.20725	20.00000	Averaged
57 Hexachlorobenzene	0.23985	0.23815	0.23815	0.100	-0.70834	20.00000	Averaged
58 Pentachlorophenol	0.15255	0.14893	0.14893	0.050	-2.37143	20.00000	Averaged
60 Phenanthrene	1.27642	1.24993	1.24993	0.700	-2.07499	20.00000	Averaged
61 Anthracene	1.29568	1.29427	1.29427	0.700	-0.10878	20.00000	Averaged
62 Carbazole	1.09642	1.15168	1.15168	0.010	5.04017	20.00000	Averaged
63 Di-n-butylphthalate	1.41590	1.47304	1.47304	0.010	4.03546	20.00000	Averaged
64 Fluoranthene	1.26573	1.33192	1.33192	0.600	5.22989	20.00000	Averaged
65 Pyrene	1.72192	1.61051	1.61051	0.600	-6.47004	20.00000	Averaged
$ 66 Terphenyl-d14	1.02764	0.98632	0.98632	0.010	-4.02080	20.00000	Averaged
67 Butylbenzylphthalate	0.80097	0.77034	0.77034	0.010	-3.82472	20.00000	Averaged
68 Benzo(a)anthracene	1.38056	1.38779	1.38779	0.800	0.52377	20.00000	Averaged
70 3,3'-Dichlorobenzidine	0.46709	0.54025	0.54025	0.010	15.66397	20.00000	Averaged
71 Chrysene	1.35006	1.31021	1.31021	0.700	-2.95200	20.00000	Averaged
72 bis(2-Ethylhexyl)phthalate	0.64684	0.64759	0.64759	0.010	0.11588	20.00000	Averaged
73 Di-n-octylphthalate	1.09406	1.11648	1.11648	0.010	2.04942	20.00000	Averaged
74 Benzo(b)fluoranthene	1.39750	1.44294	1.44294	0.700	3.25145	20.00000	Averaged
75 Benzo(k)fluoranthene	1.44619	1.62397	1.62397	0.700	12.29333	20.00000	Averaged

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt4.i Injection Date: 16-JUN-2009 13:06
Lab File ID: cc0616.d Init. Cal. Date(s): 08-MAY-2009 08-MAY-2009
Analysis Type: Init. Cal. Times: 11:56 15:22
Lab Sample ID: ABN 25 Quant Type: ISTD
Method: /chem3/nt4.i/20090616.b/SW846.m

COMPOUND	RRF / AMOUNT	RF25	CCAL RRF25	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
76 Benzo(a)pyrene	1.24916	1.30153	1.30153	0.700	4.19240	20.00000	Averaged	
78 Indeno(1,2,3-cd)pyrene	1.56865	1.53971	1.53971	0.500	-1.84465	20.00000	Averaged	
79 Dibenzo(a,h)anthracene	1.27891	1.33057	1.33057	0.400	4.03947	20.00000	Averaged	
80 Benzo(g,h,i)perylene	1.41752	1.28391	1.28391	0.500	-9.42599	20.00000	Averaged	
90 N-Nitrosodimethylamine	1.15554	0.00057	0.00057	0.010	-100	20.00000	Averaged	<-
103 Pyridine	1.89344	0.00131	0.00131	0.010	-100	20.00000	Averaged	<-
91 Aniline	2.73287	2.71942	2.71942	0.010	-0.49217	20.00000	Averaged	
105 1-methylnaphthalene	0.60573	0.62570	0.62570	0.010	3.29711	20.00000	Averaged	
93 Benzidine	15.31870	25.00000	0.40058	0.010	-38.72519	20.00000	Linear	<-
111 Azobenzene (1,2-DP-Hydrazin	1.93002	1.76390	1.76390	0.010	-8.60715	20.00000	Averaged	
143 1,4-Dioxane	0.70992	0.00069	0.00069	0.010	-100	20.00000	Averaged	<-
$ 137 d8-1,4-Dioxane	0.66031	0.00024	0.00024	0.010	-100	20.00000	Averaged	<-
144 alpha-Terpineol	0.31062	0.28452	0.28452	0.010	-8.40242	20.00000	Averaged	
98 Retene	0.52915	0.50591	0.50591	0.010	-4.39169	20.00000	Averaged	
133 Butylatedhydroxytoluene	1.02472	1.05387	1.05387	0.010	2.84410	20.00000	Averaged	
115 Tributyl Phosphate	1.23524	1.17766	1.17766	0.010	-4.66147	20.00000	Averaged	
116 Dibutyl Phenyl Phosphate	0.67013	0.72870	0.72870	0.010	8.73981	20.00000	Averaged	
117 Butyl Diphenyl Phosphate	0.39412	0.35968	0.35968	0.010	-8.73891	20.00000	Averaged	
118 Triphenyl Phosphate	0.24720	0.24079	0.24079	0.010	-2.59084	20.00000	Averaged	
123 Acetophenone	0.63581	0.58705	0.58705	0.010	-7.66870	20.00000	Averaged	
179 n-Decane	1.78918	1.47858	1.47858	0.010	-17.35966	20.00000	Averaged	
180 n-Octadecane	0.65769	0.49998	0.49998	0.010	-23.97954	20.00000	Averaged	<-
168 Pentachlorobenzene	0.47478	0.47790	0.47790	0.010	0.65693	20.00000	Averaged	
113 Diphenyl Oxide	0.87758	0.85231	0.85231	0.010	-2.87918	20.00000	Averaged	
112 Biphenyl	1.73631	1.76538	1.76538	0.010	1.67416	20.00000	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/cc0616.d
Lab Smp Id: ABN 25
Inj Date : 16-JUN-2009 13:06
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : ABN 25
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:07 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ICAL.sub
Target Version: 3.50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
$ 1	2-Fluorophenol	112	5.475	5.475	(0.705)	400168	25.0000	23.69
$ 2	Phenol-d5	99	7.091	7.091	(0.914)	566078	25.0000	24.61
3	Phenol	94	7.114	7.114	(0.917)	591396	25.0000	22.51
$ 5	2-Chlorophenol-d4	132	7.167	7.167	(0.924)	367784	25.0000	25.89
4	Bis(2-Chloroethyl)ether	93	7.155	7.155	(0.922)	467585	25.0000	23.89
6	2-Chlorophenol	128	7.191	7.191	(0.927)	413423	25.0000	25.51
7	1,3-Dichlorobenzene	146	7.396	7.396	(0.953)	449096	25.0000	25.13 (H)
* 8	1,4-Dichlorobenzene-d4	152	7.461	7.461	(1.000)	220452	20.0000	(H)
9	1,4-Dichlorobenzene	146	7.484	7.484	(0.964)	458371	25.0000	25.60 (H)
$ 10	1,2-Dichlorobenzene-d4	152	7.761	7.761	(1.000)	277023	25.0000	26.71
12	1,2-Dichlorobenzene	146	7.778	7.778	(1.002)	450742	25.0000	26.77
11	Benzyl alcohol	108	7.778	7.778	(1.002)	331694	25.0000	26.54 (H)
14	2,2'-oxybis(1-Chloropropane)	45	8.031	8.031	(1.035)	474473	25.0000	20.19
13	2-Methylphenol	108	8.037	8.037	(1.036)	443950	25.0000	26.11 (H)
17	Hexachloroethane	117	8.266	8.266	(1.065)	198726	25.0000	25.50
16	N-Nitroso-di-n-propylamine	70	8.254	8.254	(1.064)	341054	25.0000	22.25
15	4-Methylphenol	108	8.272	8.272	(1.066)	462183	25.0000	26.10
$ 18	Nitrobenzene-d5	82	8.401	8.401	(0.876)	506703	25.0000	22.17
19	Nitrobenzene	77	8.430	8.430	(0.879)	523977	25.0000	22.91
20	Isophorone	82	8.824	8.824	(0.920)	931089	25.0000	22.88
21	2-Nitrophenol	139	8.947	8.947	(0.933)	227595	25.0000	24.85
22	2,4-Dimethylphenol	107	9.100	9.100	(0.949)	476830	25.0000	24.20
23	Bis(2-Chloroethoxy)methane	93	9.235	9.235	(0.963)	539709	25.0000	23.44
24	Benzoic acid	105	9.435	9.435	(0.984)	703350	50.0000	48.03
25	2,4-Dichlorophenol	162	9.347	9.347	(0.975)	343691	25.0000	26.33
26	1,2,4-Trichlorobenzene	180	9.459	9.459	(0.987)	373187	25.0000	25.14
* 27	Naphthalene-d8	136	9.506	9.506	(1.000)	805258	20.0000	(H)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	28 Naphthalene	128	9.535	9.535	(0.994)	1145548	25.0000	25.00
	29 4-Chloroaniline	127	9.700	9.700	(1.012)	497339	25.0000	26.23
	30 Hexachlorobutadiene	225	9.864	9.864	(1.029)	196904	25.0000	26.22
	31 4-Chloro-3-methylphenol	107	10.540	10.540	(1.099)	412681	25.0000	25.29
	32 2-Methylnaphthalene	141	10.657	10.657	(1.112)	664372	25.0000	26.03
	33 Hexachlorocyclopentadiene	237	11.039	11.039	(0.894)	205363	25.0000	23.25
	34 2,4,6-Trichlorophenol	196	11.186	11.186	(0.906)	258288	25.0000	26.12
	35 2,4,5-Trichlorophenol	196	11.245	11.245	(0.911)	268721	25.0000	25.71
$	36 2-Fluorobiphenyl	172	11.309	11.309	(0.916)	855069	25.0000	24.07
	37 2-Chloronaphthalene	162	11.427	11.427	(0.926)	755914	25.0000	25.46
	38 2-Nitroaniline	65	11.674	11.674	(0.946)	282431	25.0000	22.38
	39 Dimethylphthalate	163	12.067	12.067	(0.978)	840755	25.0000	25.19
	40 Acenaphthylene	152	12.097	12.097	(0.980)	1193815	25.0000	24.35
	41 2,6-Dinitrotoluene	165	12.150	12.150	(0.984)	188417	25.0000	24.58
*	42 Acenaphthene-d10	164	12.344	12.344	(1.000)	468570	20.0000	
	43 3-Nitroaniline	138	12.349	12.349	(1.000)	229256	25.0000	29.66
	44 Acenaphthene	153	12.396	12.396	(1.004)	730857	25.0000	24.52
	45 2,4-Dinitrophenol	184	12.520	12.520	(1.014)	221153	50.0000	51.04
	46 Dibenzofuran	168	12.661	12.661	(1.026)	1037046	25.0000	24.84
	47 4-Nitrophenol	109	12.714	12.714	(1.030)	170907	25.0000	29.02
	48 2,4-Dinitrotoluene	165	12.767	12.767	(1.034)	254250	25.0000	24.88
	50 Diethylphthalate	149	13.213	13.213	(1.070)	864239	25.0000	24.91
	49 Fluorene	166	13.207	13.207	(1.070)	876842	25.0000	26.66
	51 4-Chlorophenyl-phenylether	204	13.248	13.248	(1.073)	409665	25.0000	26.32
	52 4-Nitroaniline	138	13.348	13.348	(1.081)	214445	25.0000	26.48
	53 4,6-Dinitro-2-methylphenol	198	13.425	13.425	(0.914)	323740	50.0000	50.76
	54 N-Nitrosodiphenylamine	169	13.466	13.466	(0.916)	601204	25.0000	23.85
$	55 2,4,6-Tribromophenol	330	13.636	13.636	(1.105)	117078	25.0000	27.05
	56 4-Bromophenyl-phenylether	248	14.024	14.024	(0.954)	226794	25.0000	25.30
	57 Hexachlorobenzene	284	14.230	14.230	(0.968)	231019	25.0000	24.82
	58 Pentachlorophenol	266	14.535	14.535	(0.989)	144474	25.0000	24.41
*	59 Phenanthrene-d10	188	14.694	14.694	(1.000)	776038	20.0000	
	60 Phenanthrene	178	14.735	14.735	(1.003)	1212493	25.0000	24.48
	61 Anthracene	178	14.805	14.805	(1.008)	1255503	25.0000	24.97
	62 Carbazole	167	15.105	15.105	(1.028)	1117187	25.0000	26.26
	63 Di-n-butylphthalate	149	15.845	15.845	(1.078)	1428915	25.0000	26.01
	64 Fluoranthene	202	16.650	16.650	(1.133)	1292028	25.0000	26.31
	65 Pyrene	202	16.997	16.997	(0.896)	1293942	25.0000	23.38
$	66 Terphenyl-d14	244	17.338	17.338	(0.914)	792441	25.0000	23.99
	67 Butylbenzylphthalate	149	18.242	18.242	(0.961)	618917	25.0000	24.04
	68 Benzo(a)anthracene	228	18.948	18.948	(0.998)	1115001	25.0000	25.13
*	69 Chrysene-d12	240	18.977	18.977	(1.000)	642748	20.0000	
	70 3,3'-Dichlorobenzidine	252	18.977	18.977	(1.000)	434056	25.0000	28.92
	71 Chrysene	228	19.018	19.018	(1.002)	1052669	25.0000	24.26
	72 bis(2-Ethylhexyl)phthalate	149	19.247	19.247	(0.954)	829728	25.0000	25.03
*	134 Di-n-octylphthalate-d4	153	20.181	20.181	(1.000)	1025012	20.0000	
	73 Di-n-octylphthalate	149	20.187	20.187	(1.000)	1430512	25.0000	25.51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Benzo(b)fluoranthene	252	20.593	20.593	(0.976)	1033662	25.0000	25.81
75	Benzo(k)fluoranthene	252	20.628	20.628	(0.977)	1163344	25.0000	28.07
76	Benzo(a)pyrene	252	21.027	21.027	(0.996)	932364	25.0000	26.05
* 77	Perylene-d12	264	21.110	21.110	(1.000)	573086	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.467	22.467	(1.064)	1102983	25.0000	24.54
79	Dibenzo(a,h)anthracene	278	22.496	22.496	(1.066)	953164	25.0000	26.01
80	Benzo(g,h,i)perylene	276	22.802	22.802	(1.080)	919737	25.0000	22.64
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
91	Aniline	93	7.020	7.020	(0.905)	749376	25.0000	24.88(H)
105	1-methylnaphthalene	141	10.822	10.822	(1.129)	629809	25.0000	25.82
93	Benzidine	184	16.921	16.921	(0.892)	321840	25.0000	15.32
111	Azobenzene (1,2-DP-Hydrazine)	77	13.501	13.501	(1.094)	1033140	25.0000	22.85
143	1,4-Dioxane	88	Compound Not Detected.					
$ 137	d8-1,4-Dioxane	96	Compound Not Detected.					
144	alpha-Terpineol	59	9.588	9.588	(1.000)	286393	25.0000	22.90
98	Retene	219	17.573	17.573	(0.926)	406464	25.0000	23.90
133	Butylatedhydroxytoluene	205	12.555	12.555	(1.017)	617264	25.0000	25.71
115	Tributyl Phosphate	99	13.607	13.607	(0.926)	1142388	25.0000	23.83
116	Dibutyl Phenyl Phosphate	175	15.299	15.299	(1.041)	706872	25.0000	27.18
117	Butyl Diphenyl Phosphate	94	16.962	16.962	(0.894)	288976	25.0000	22.82
118	Triphenyl Phosphate	326	18.548	18.548	(0.977)	193461	25.0000	24.35
123	Acetophenone	105	8.178	8.178	(0.853)	590910	25.0000	23.08
179	n-Decane	57	7.332	7.332	(0.945)	407445	25.0000	20.66
180	n-Octadecane	57	14.688	14.688	(1.000)	485001	25.0000	19.01
168	Pentachlorobenzene	250	12.702	12.702	(1.029)	279912	25.0000	25.16
113	Diphenyl Oxide	170	11.633	11.633	(0.942)	499210	25.0000	24.28
112	Biphenyl	154	11.439	11.439	(0.927)	1034005	25.0000	25.42

QC Flag Legend

H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: cc0616.d
Lab Smp Id: ABN 25
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info:

Calibration Date: 16-JUN-2009
Calibration Time: 13:06

Level:
Sample Type:

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	220452	22.05
27 Naphthalene-d8	633172	316586	1266344	805258	27.18
42 Acenaphthene-d10	336916	168458	673832	468570	39.08
59 Phenanthrene-d10	514258	257129	1028516	776038	50.90
69 Chrysene-d12	376875	188438	753750	642748	70.55
134 Di-n-octylphthala	640574	320287	1281148	1025012	60.01
77 Perylene-d12	383864	191932	767728	573086	49.29

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.46	0.00
27 Naphthalene-d8	9.51	9.01	10.01	9.51	0.00
42 Acenaphthene-d10	12.34	11.84	12.84	12.34	0.00
59 Phenanthrene-d10	14.69	14.19	15.19	14.69	0.00
69 Chrysene-d12	18.98	18.48	19.48	18.98	0.00
134 Di-n-octylphthala	20.18	19.68	20.68	20.18	0.00
77 Perylene-d12	21.11	20.61	21.61	21.11	0.00

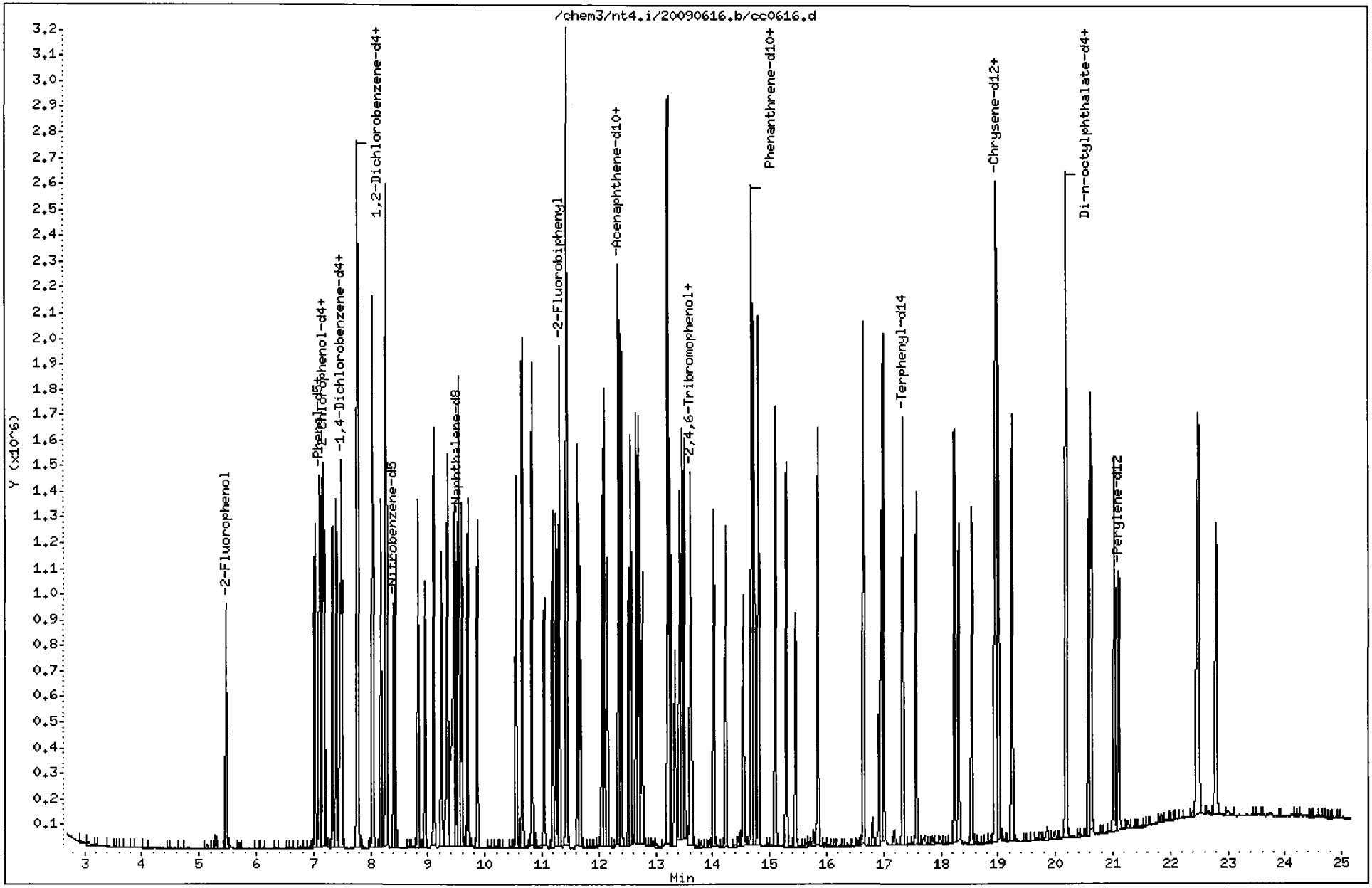
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20090616.b/cc0616.d
Date : 16-JUN-2009 13:06
Client ID:
Sample Info: ABN 25

Column phase: ZB-5

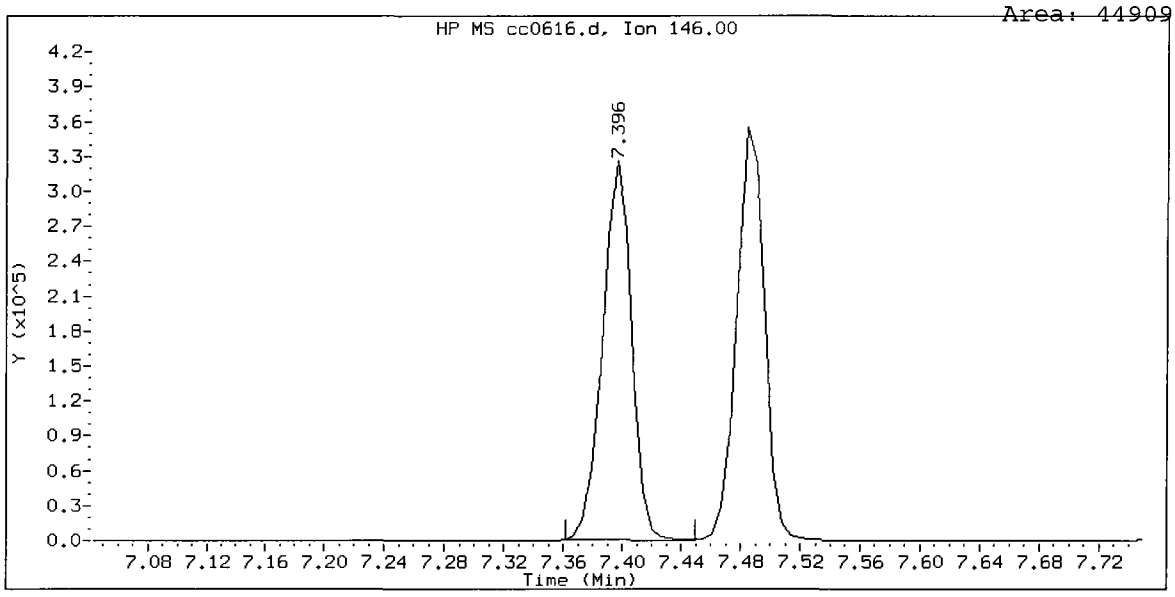
Instrument: nt4.i

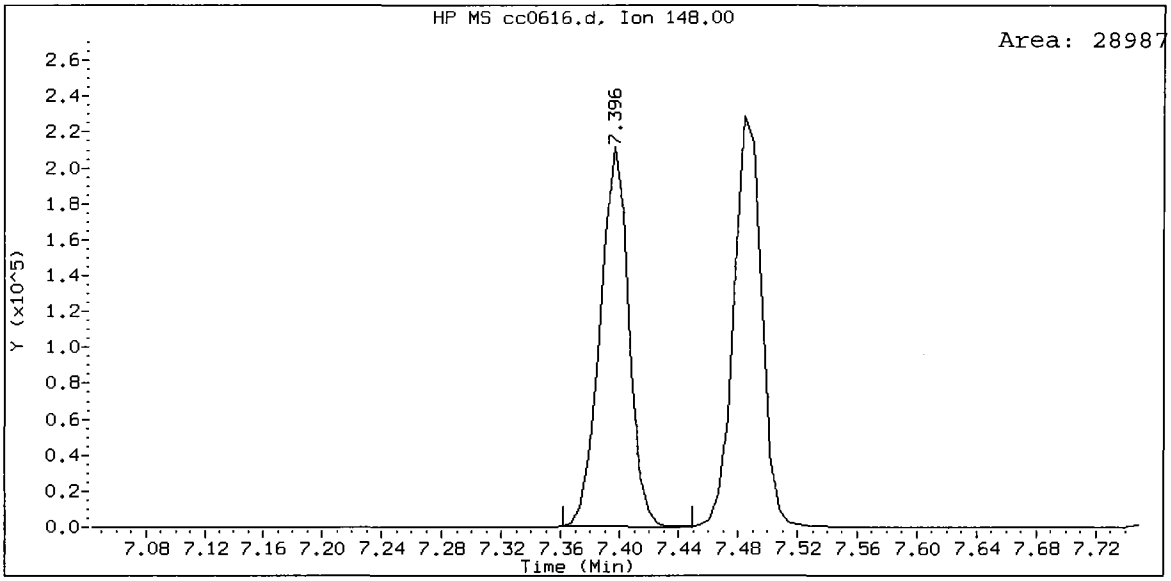
Operator: LJR/VTS
Column diameter: 0.32

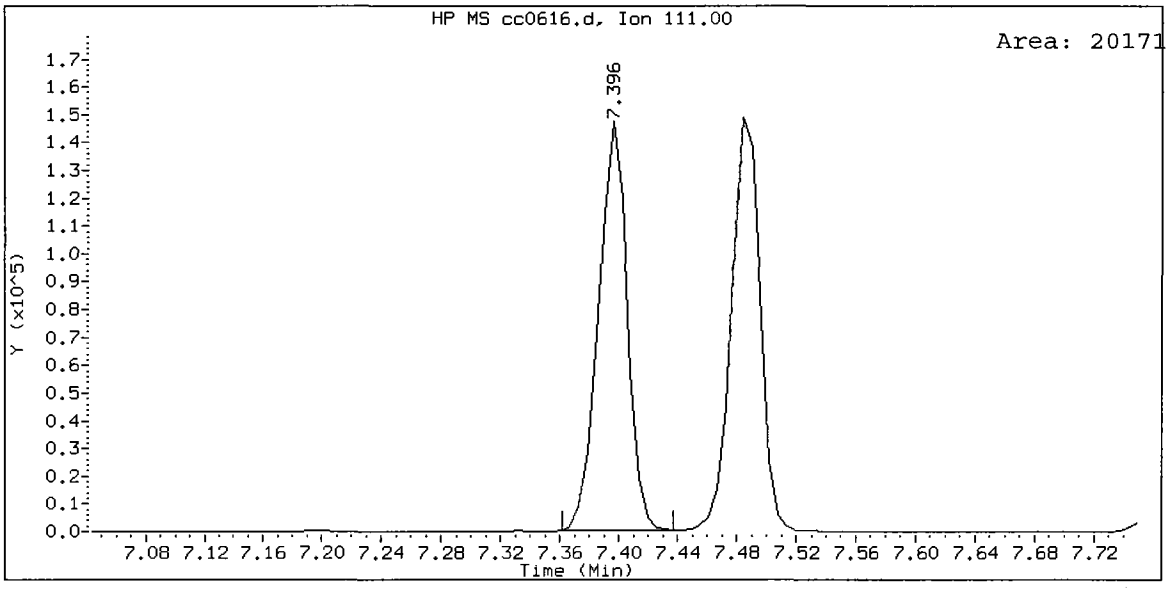


PB41:005566

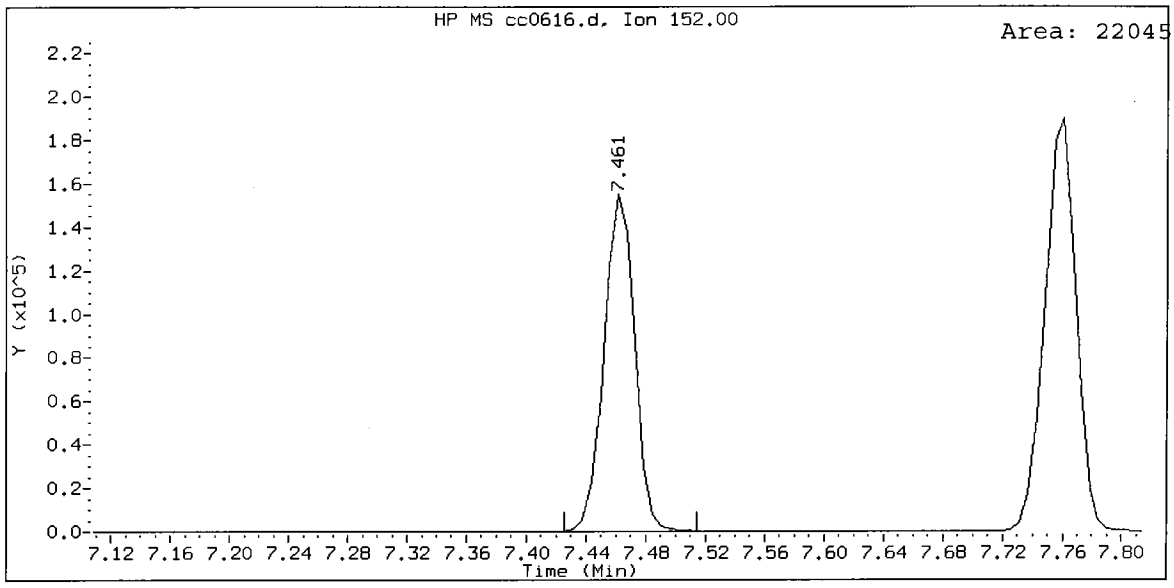
ABN 25, /chem3/nt4.i/20090616.b/cc0616.d
1,3-Dichlorobenzene Amount: 25.13

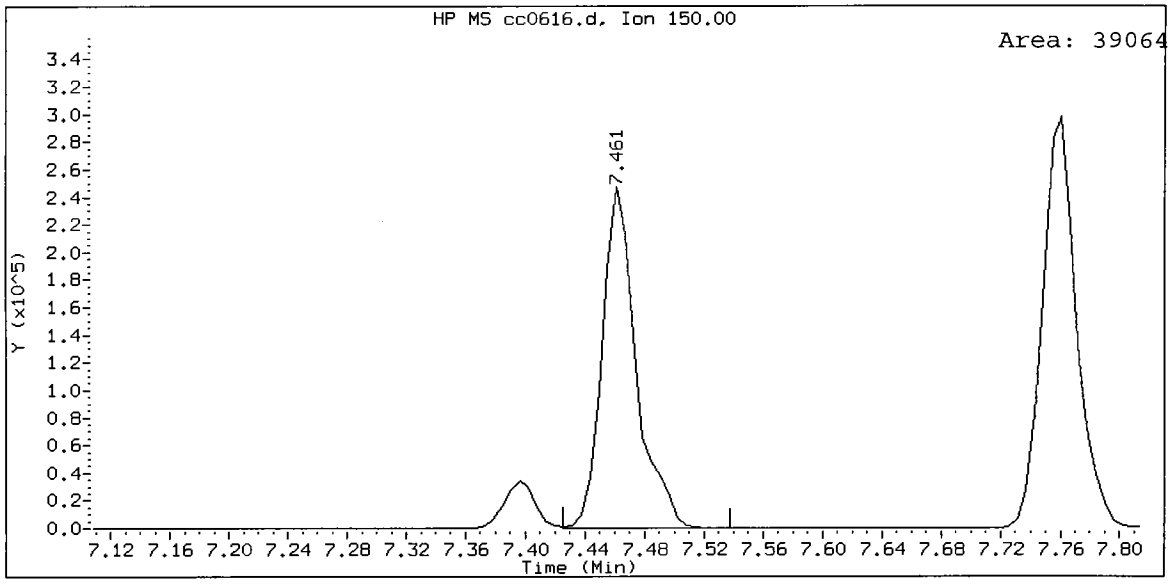


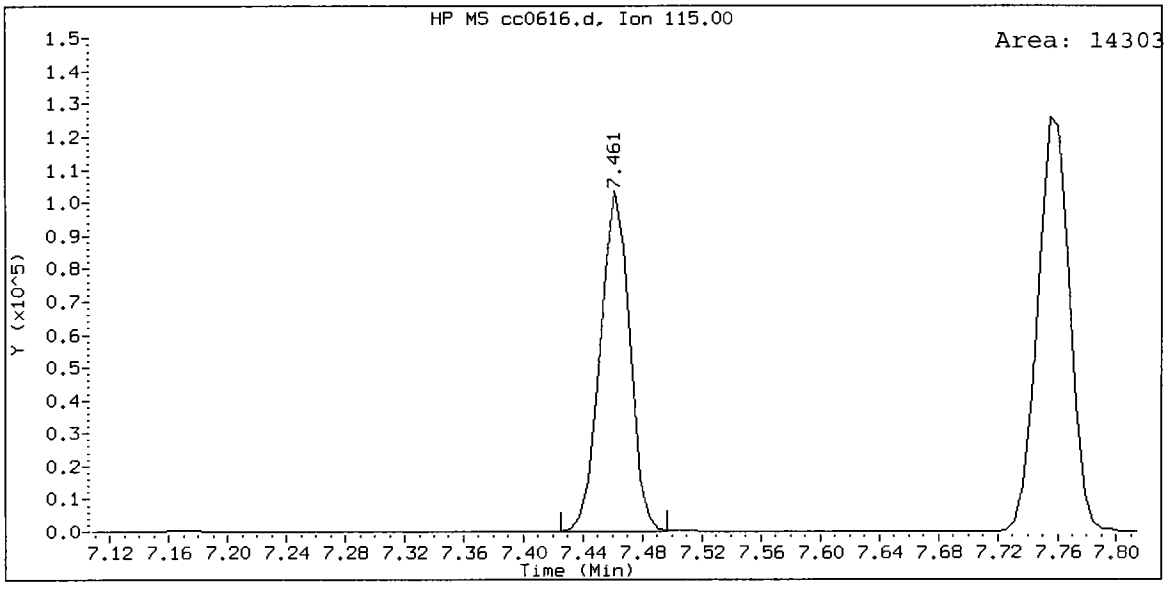




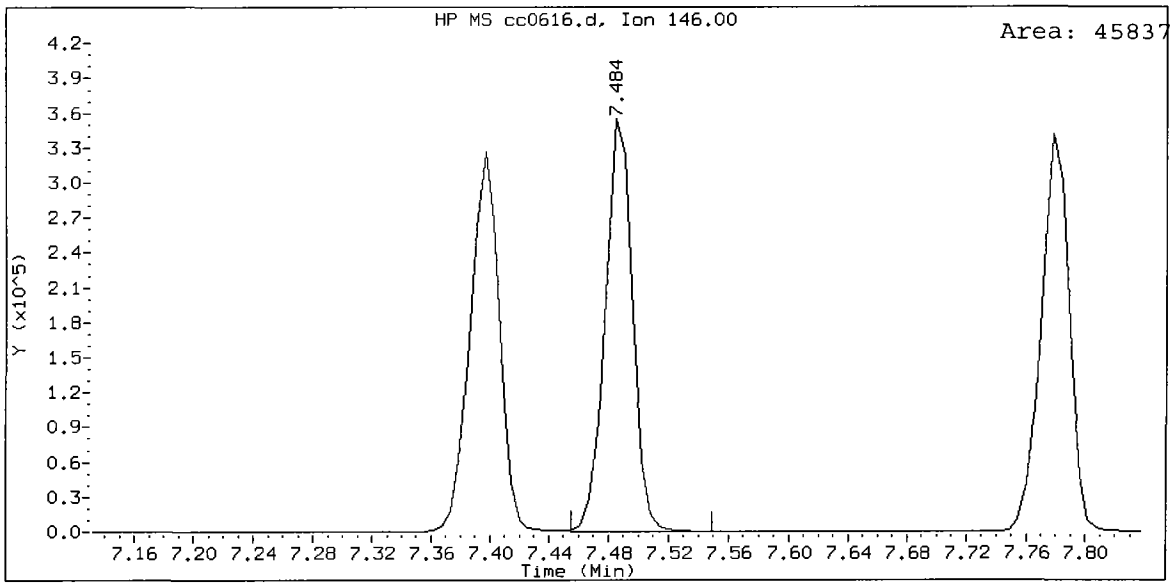
ABN 25, /chem3/nt4.i/20090616.b/cc0616.d
1,4-Dichlorobenzene-d4 Amount: 20.00

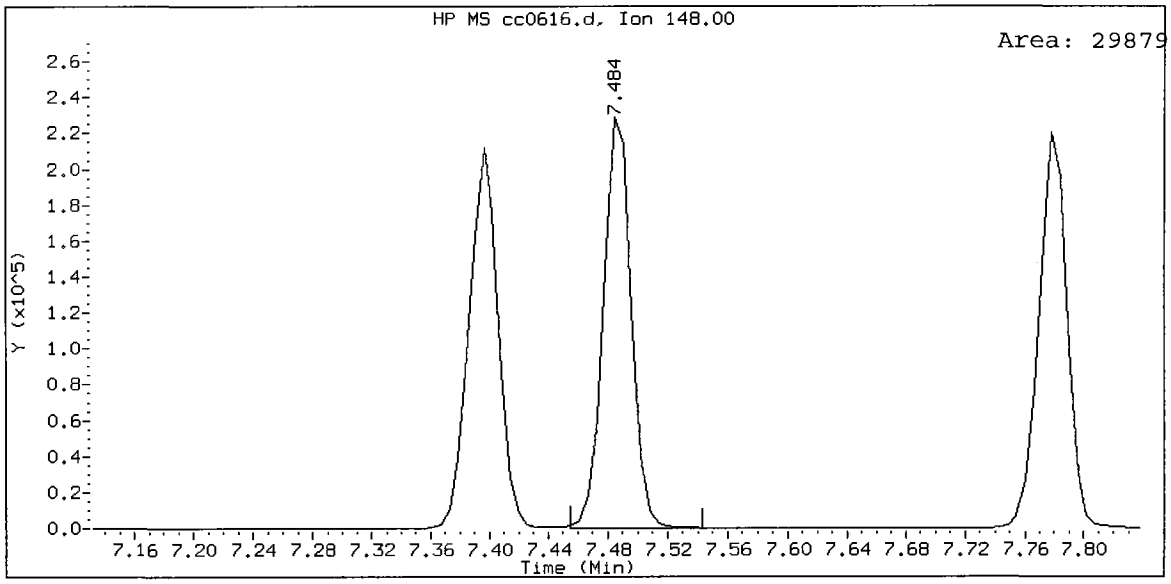


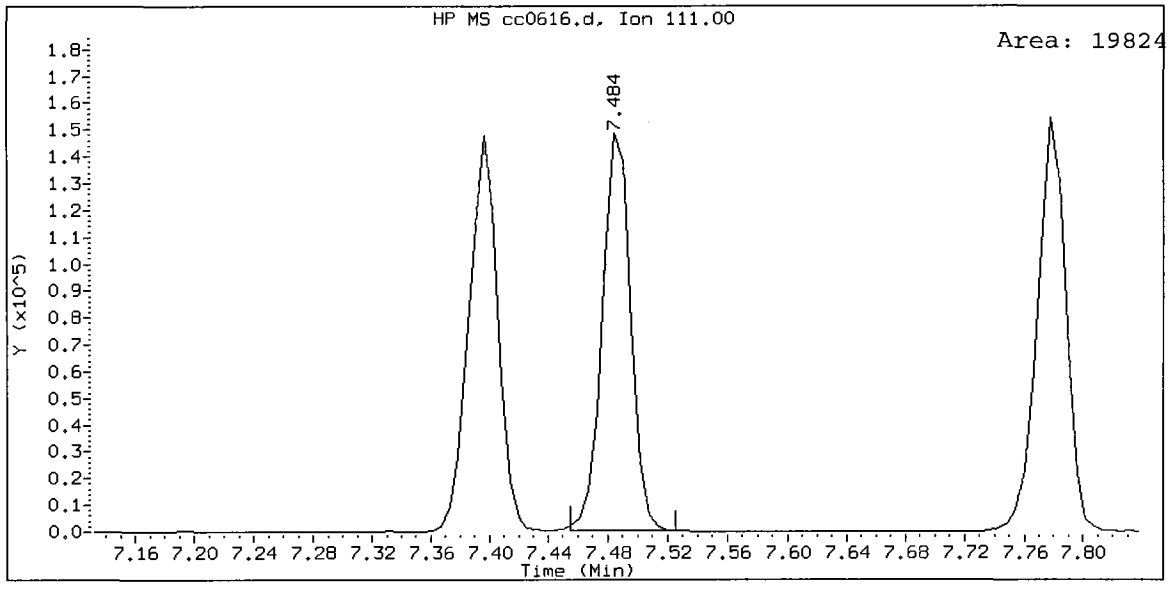




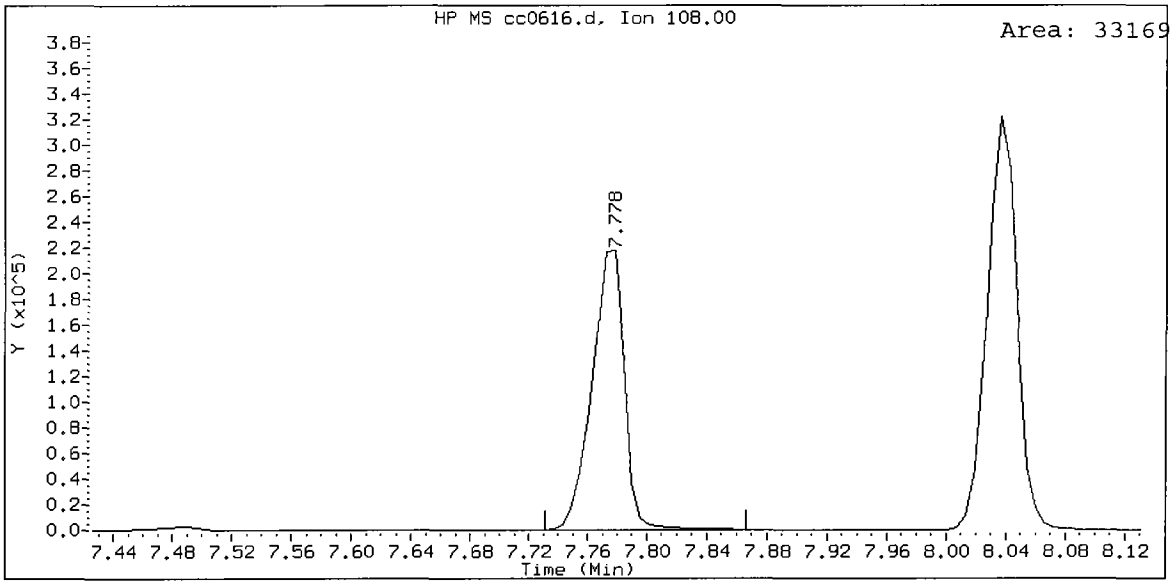
ABN 25, /chem3/nt4.i/20090616.b/cc0616.d
1,4-Dichlorobenzene Amount: 25.60

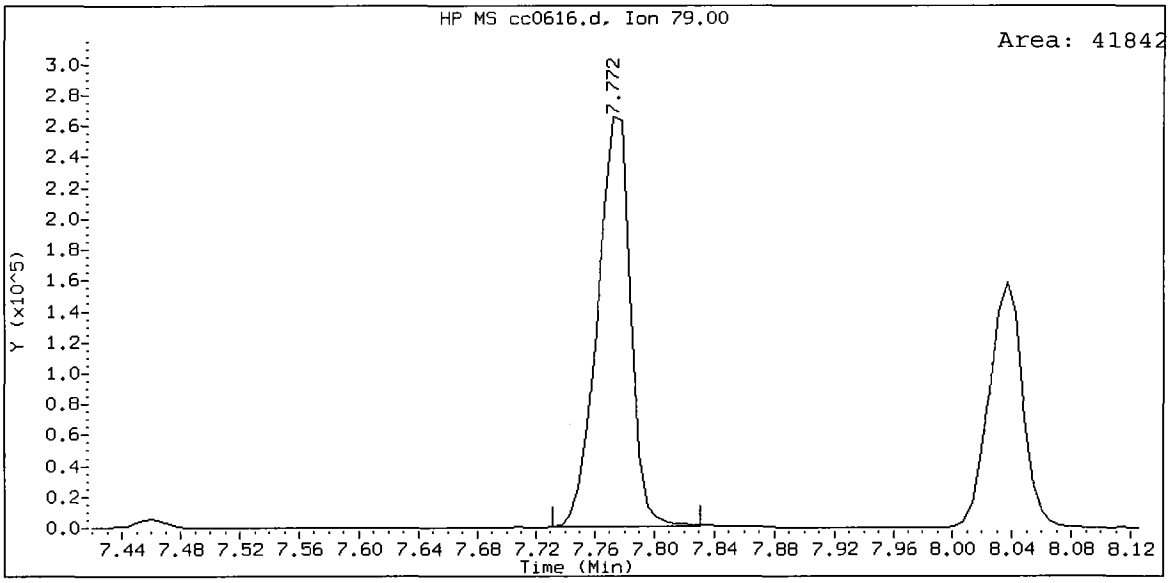


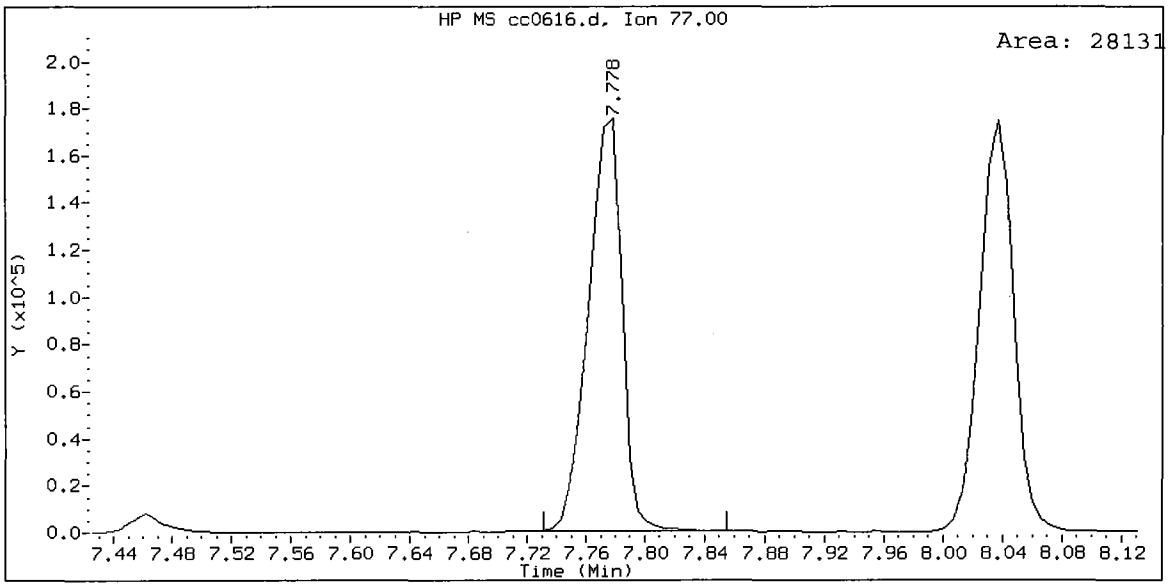




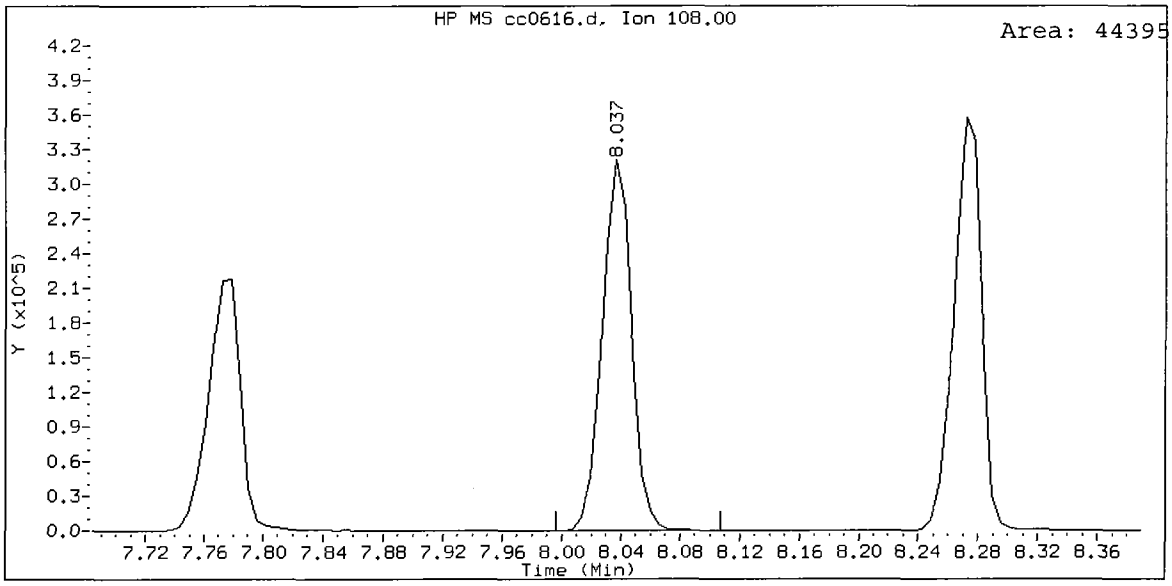
ABN 25, /chem3/nt4.i/20090616.b/cc0616.d
Benzyl alcohol Amount: 26.54

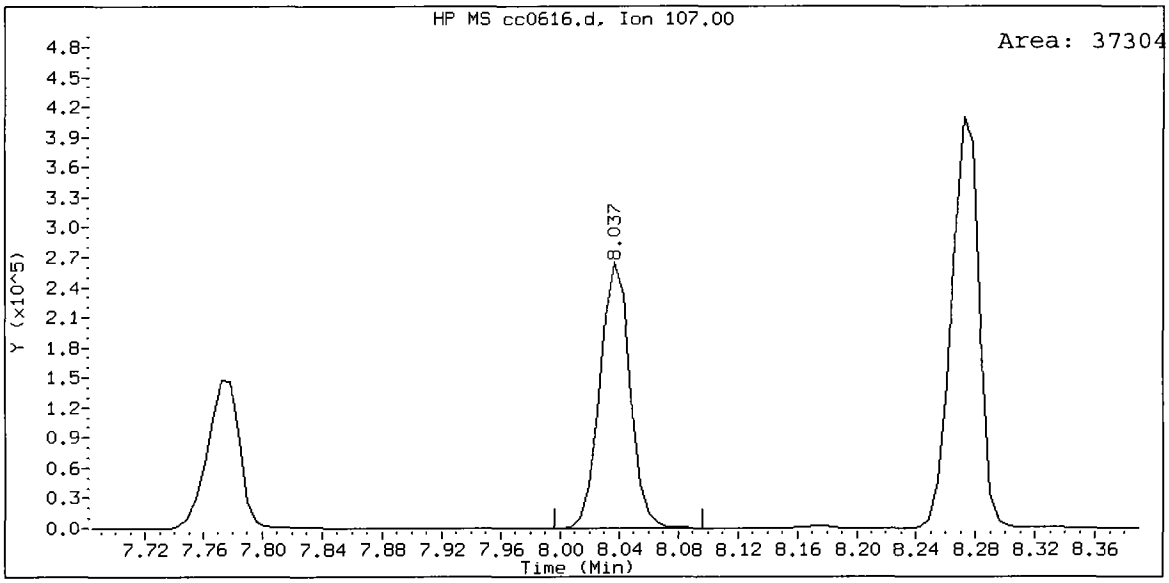


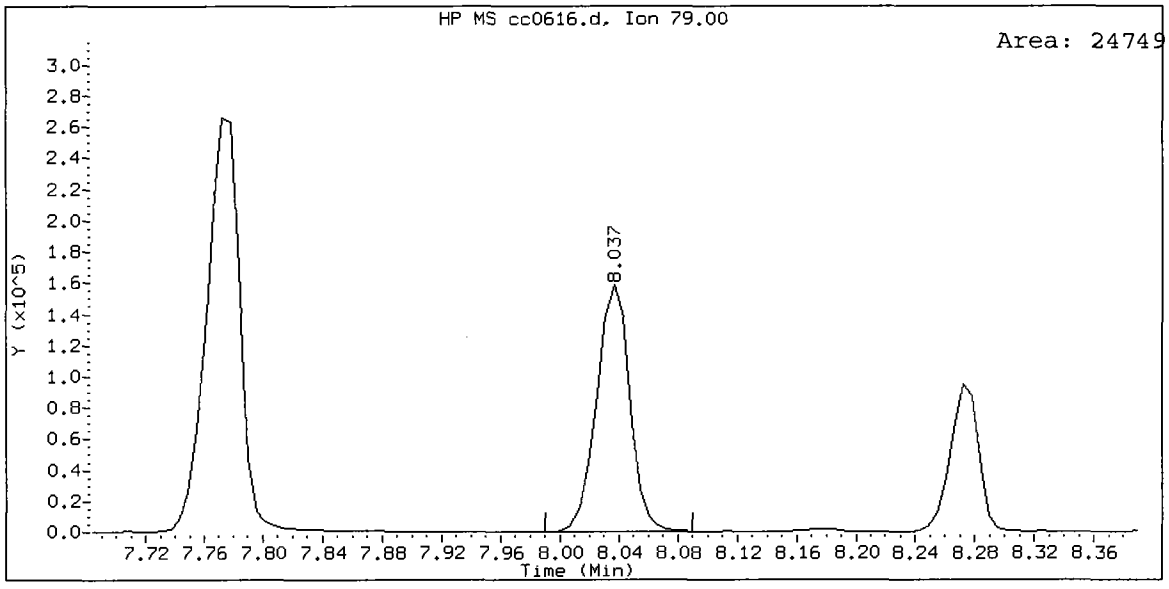




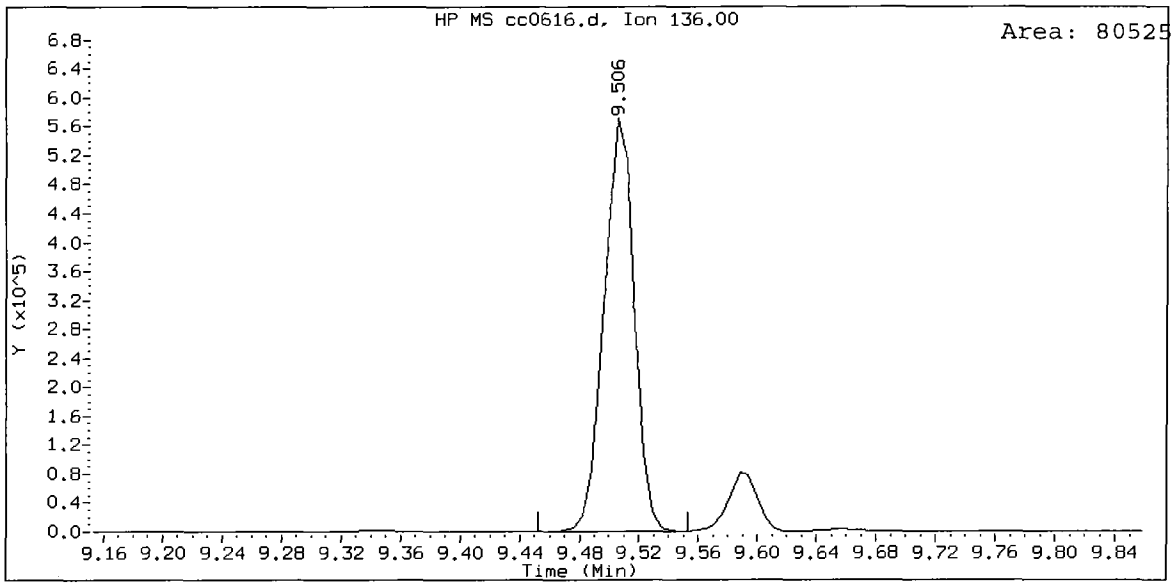
ABN 25, /chem3/nt4.i/20090616.b/cc0616.d
2-Methylphenol Amount: 26.11

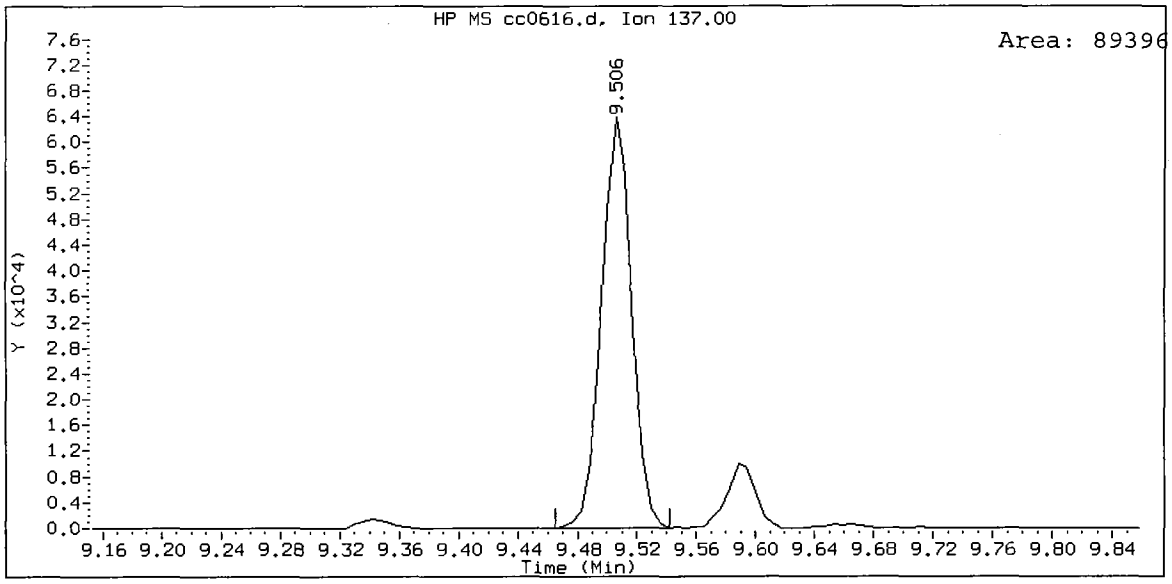


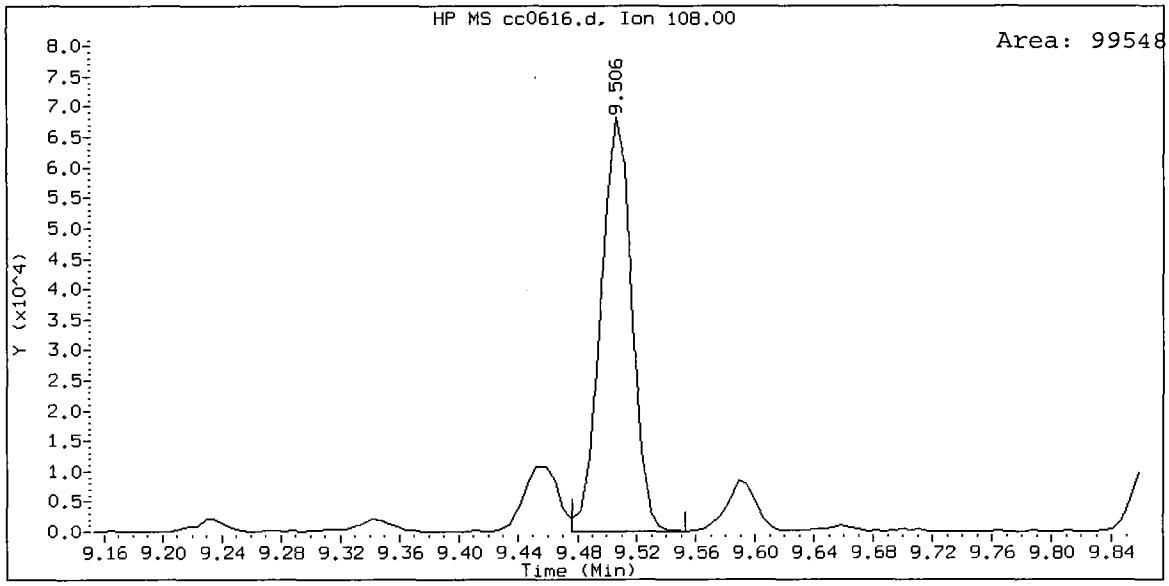




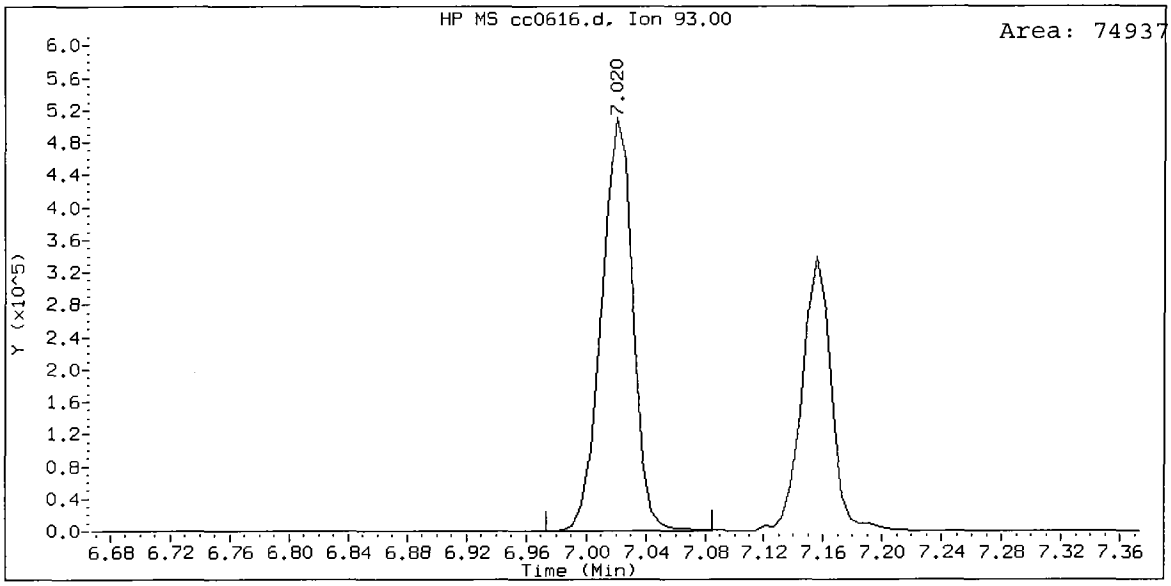
ABN 25, /chem3/nt4.i/20090616.b/cc0616.d
Naphthalene-d8 Amount: 20.00

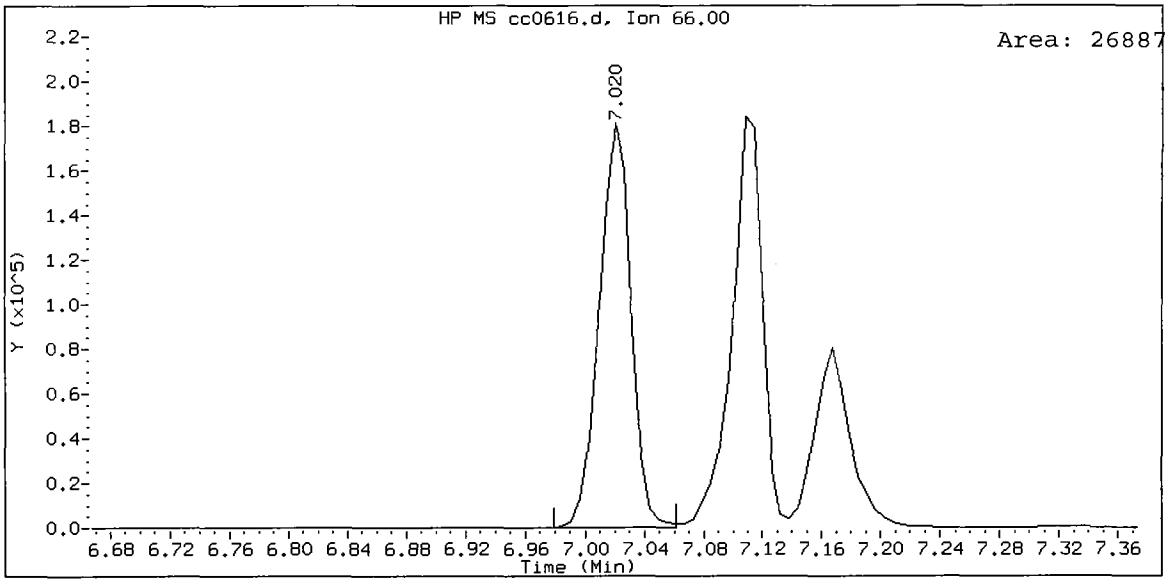


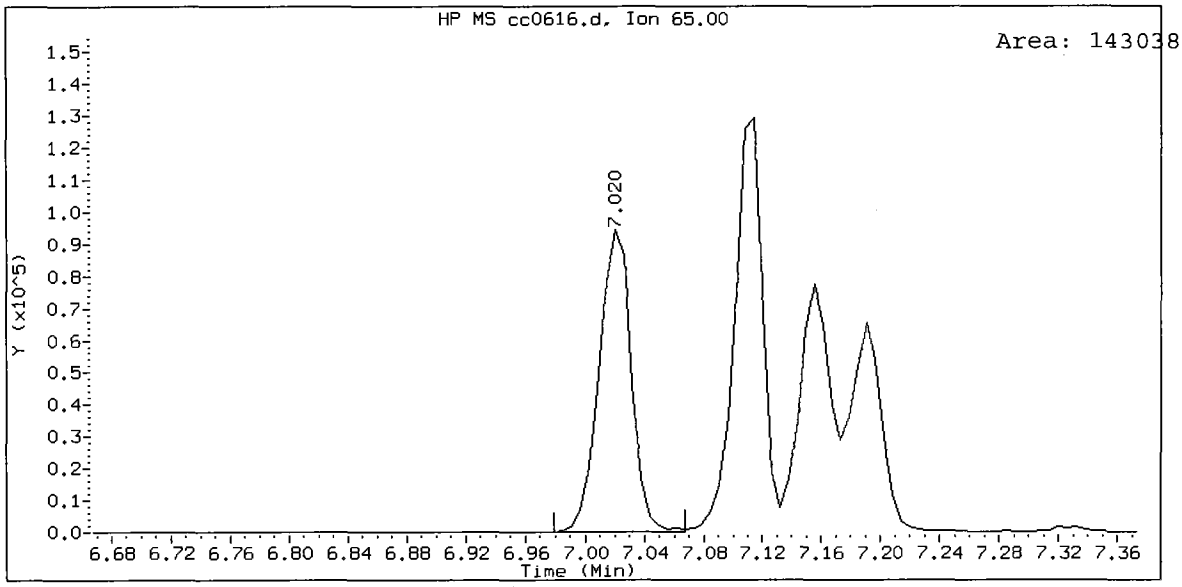




ABN 25, /chem3/nt4.i/20090616.b/cc0616.d
Aniline Amount: 24.88







Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt4.i/20090616.b/ddt.b/cc0616.d ARI ID:
Method: /chem3/nt4.i/20090616.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 16-JUN-2009 13:06 Instrument: nt4.i

COMPOUND	RT	AREA
Pentachlorophenol	14.535	147766
Benzidine	16.921	341845
4,4'-DDE	----	----
4,4'-DDD	17.849	19266
4,4'-DDT	18.313	331419

LTK 6/17/09

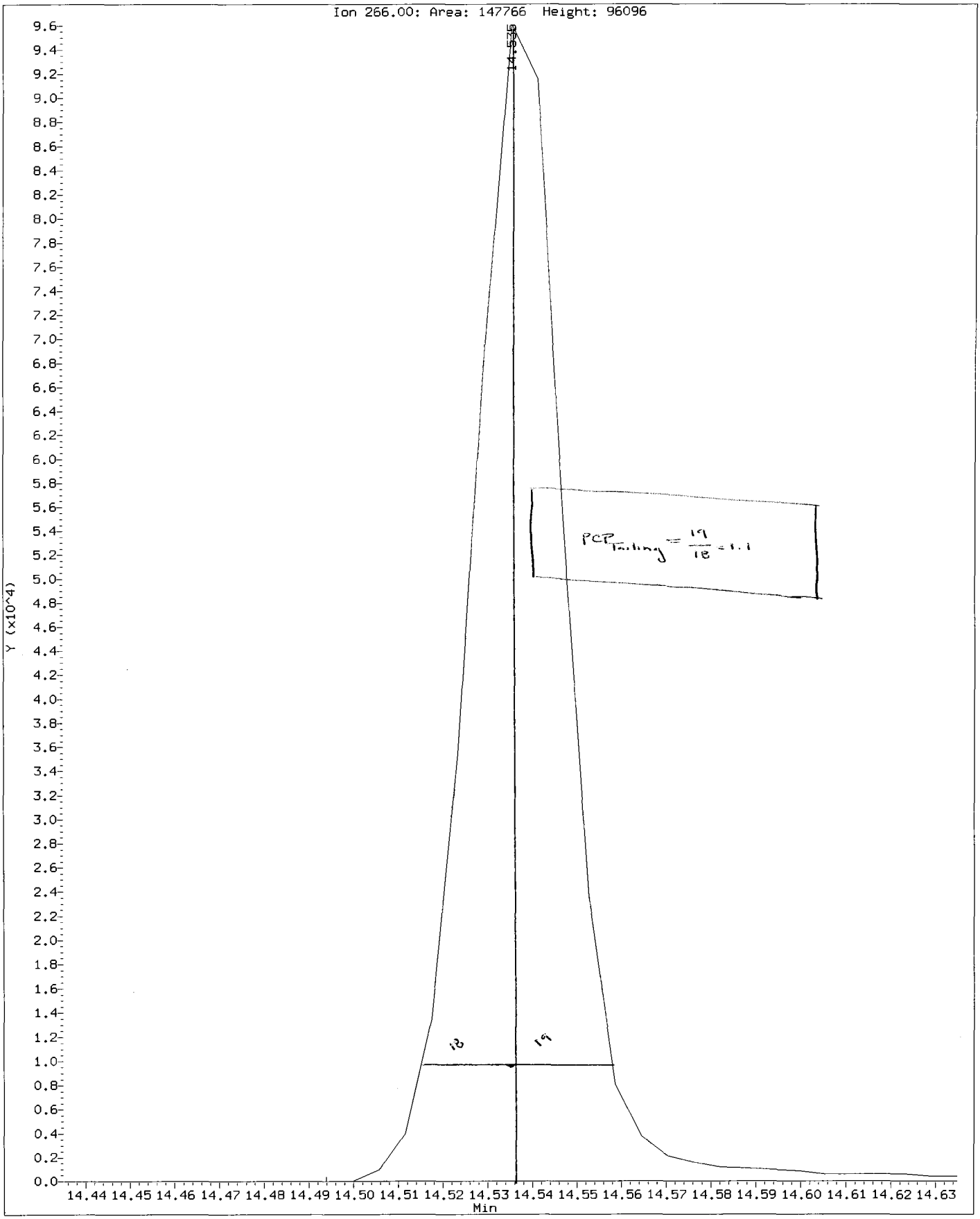
$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 19266) * 100}{(0 + 19266 + 331419)}$$

DDT Percent Breakdown = 5.5 %

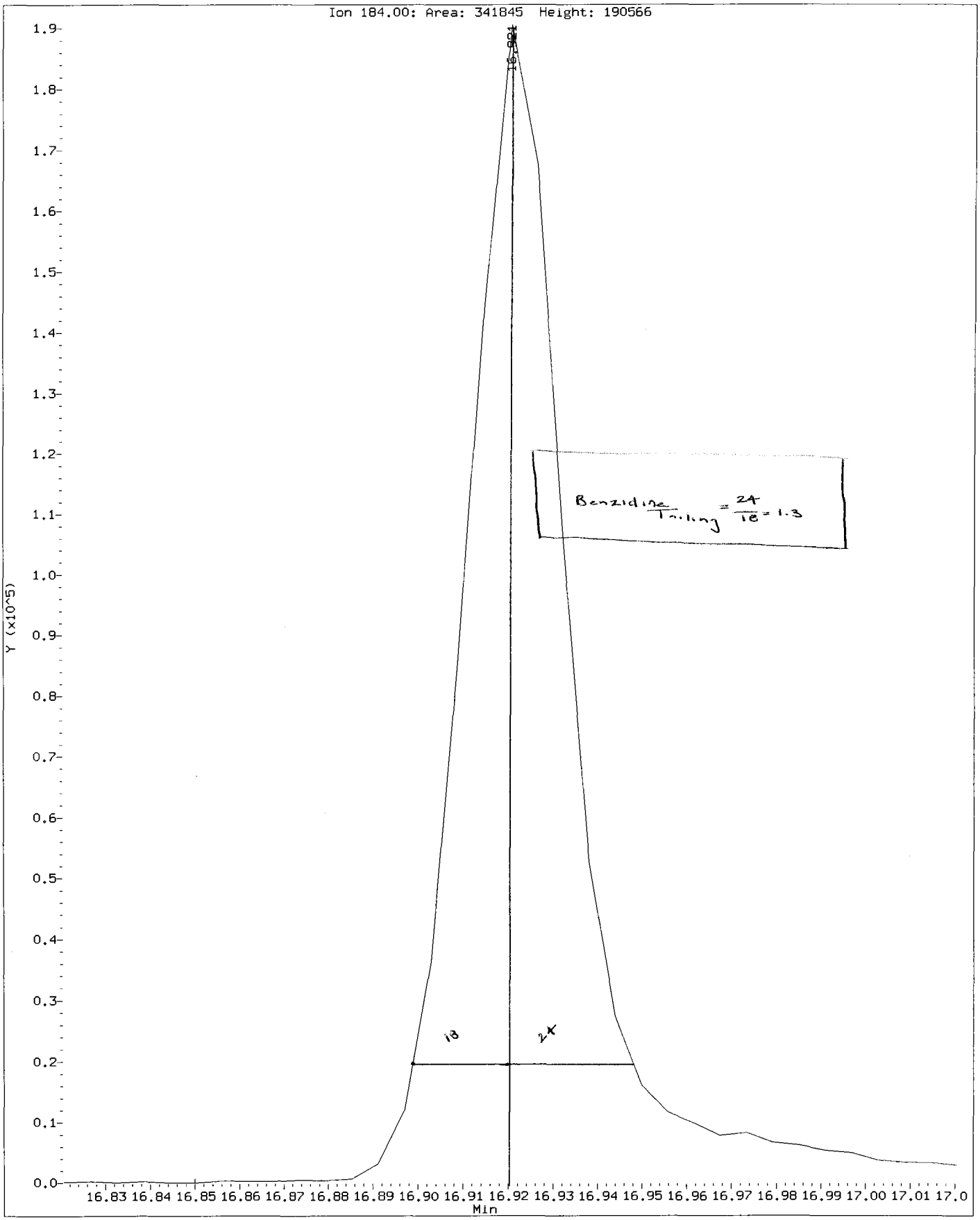
Data File: /chem3/nt4.i/20090616.b/ddt.b/cc0616.d
Injection Date: 16-JUN-2009 13:06
Instrument: nt4.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt4.i/20090616.b/ddt.b/cc0616.d
Injection Date: 16-JUN-2009 13:06
Instrument: nt4.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Semivolatile Analysis
QC Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

Data File: /chem3/nt4.i/20090508.b/tune.b/0250508.d

Date : 08-MAY-2009 11:56

Client ID:

Instrument: nt4.i

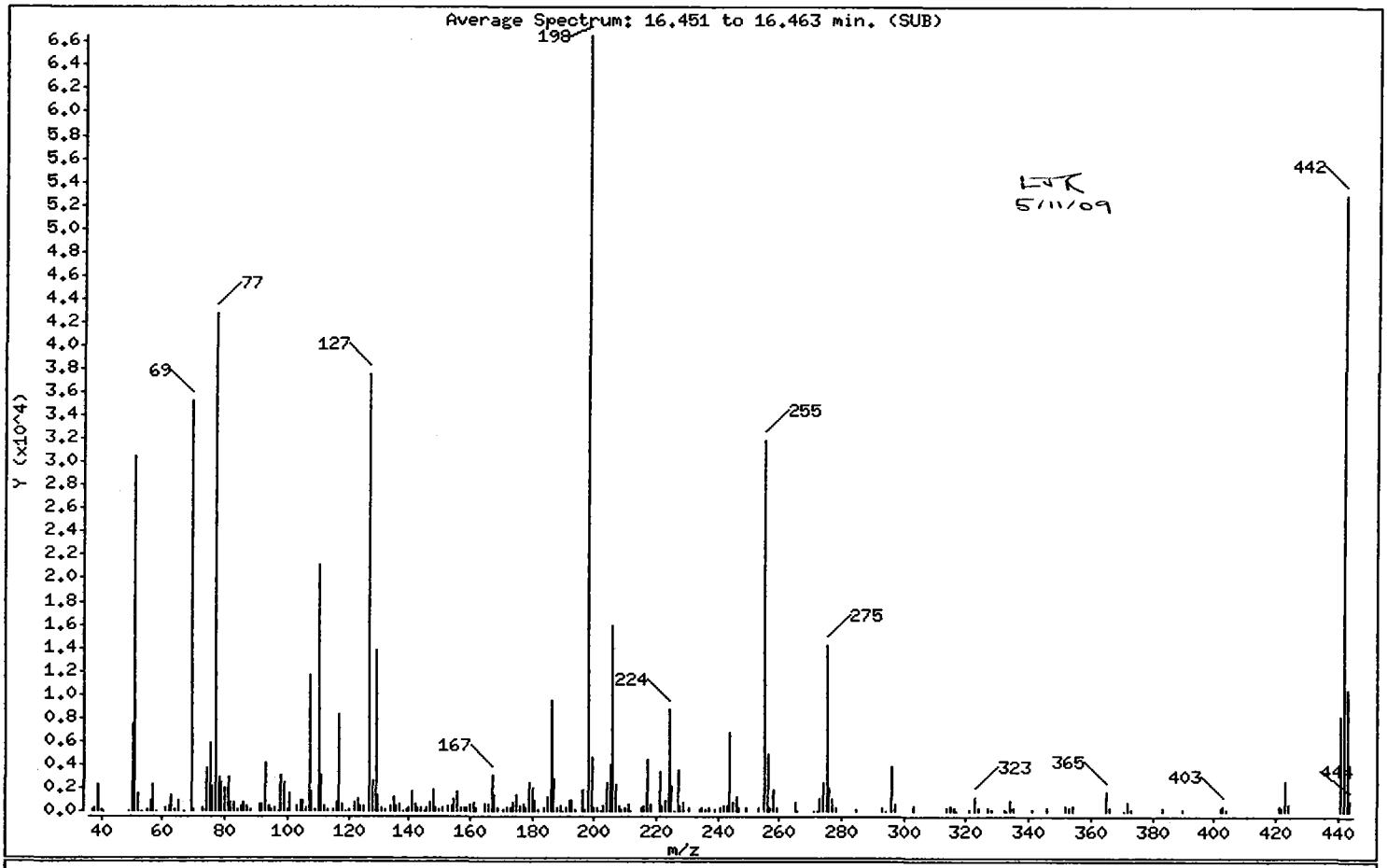
Sample Info: ABN 25

Operator: LJR/VTS

Column phase: ZB-5

Column diameter: 0.32

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	45.84
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	53.01
70	Less than 2.00% of mass 69	0.33 (0.63)
127	25.00 - 75.00% of mass 198	56.47
197	Less than 1.00% of mass 198	0.26
199	5.00 - 9.00% of mass 198	6.88
275	10.00 - 30.00% of mass 198	21.47
365	Greater than 0.75% of mass 198	2.44
441	Present, but less than mass 443	12.10
442	40.00 - 110.00% of mass 198	79.57
443	15.00 - 24.00% of mass 442	15.60 (19.61)

Data File: /chem3/nt4.i/20090508.b/tune.b/0250508.d

Date : 08-MAY-2009 11:56

Client ID:

Instrument: nt4.i

Sample Info: ABN 25

Operator: LJR/VTS

Column phase: ZB-5

Column diameter: 0.32

Data File: 0250508.d

Spectrum: Average Spectrum: 16.451 to 16.463 min. (SUB)

Location of Maximum: 198.00

Number of points: 234

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	114	113.00	148	180.00	1965	255.00	31904
38.00	339	115.00	130	181.00	860	256.00	4894
39.00	2231	116.00	822	182.00	194	257.00	323
40.00	78	117.00	8259	184.00	273	258.00	1776
41.00	59	118.00	643	185.00	1186	259.00	290
49.00	66	119.00	58	186.00	9486	265.00	801
50.00	7492	120.00	128	187.00	2755	266.00	62
51.00	30480	122.00	764	188.00	291	271.00	66
52.00	1520	123.00	1006	189.00	490	272.00	58
53.00	54	124.00	430	190.00	52	273.00	1091
55.00	194	125.00	428	191.00	265	274.00	2501
56.00	952	127.00	37560	192.00	872	275.00	14278
57.00	2242	128.00	2660	193.00	882	276.00	1975
58.00	56	129.00	13864	194.00	181	277.00	1124
61.00	377	130.00	1304	196.00	1834	278.00	265
62.00	477	131.00	287	197.00	172	285.00	178
63.00	1359	132.00	124	198.00	66512	293.00	253
64.00	138	134.00	403	199.00	4576	294.00	50
65.00	887	135.00	1200	200.00	377	296.00	3796
67.00	51	136.00	438	201.00	283	297.00	573
69.00	35256	137.00	663	202.00	56	303.00	509
70.00	221	138.00	60	203.00	485	314.00	232
73.00	306	139.00	133	204.00	2487	315.00	400
74.00	3612	140.00	232	205.00	3918	316.00	251
75.00	5830	141.00	1742	206.00	15911	317.00	54
76.00	2195	142.00	621	207.00	2305	321.00	115
77.00	42752	143.00	360	208.00	472	323.00	1292
78.00	2856	144.00	233	209.00	171	324.00	285
79.00	2465	145.00	60	210.00	234	327.00	328
80.00	1923	146.00	321	211.00	642	328.00	124
81.00	2866	147.00	788	212.00	51	332.00	105
82.00	723	148.00	1847	215.00	250	333.00	61
83.00	723	149.00	350	216.00	469	334.00	888
84.00	113	150.00	118	217.00	4458	335.00	254
85.00	535	151.00	297	218.00	573	341.00	138

Data File: /chem3/nt4.i/20090508.b/tune.b/0250508.d

Date : 08-MAY-2009 11:56

Client ID:

Instrument: nt4.i

Sample Info: ABN 25

Operator: LJR/VTS

Column phase: ZB-5

Column diameter: 0.32

Data File: 0250508.d
Spectrum: Average Spectrum: 16.451 to 16.463 min. (SUB)
Location of Maximum: 198.00
Number of points: 234

m/z	Y	m/z	Y	m/z	Y	m/z	Y
86.00	704	153.00	530	221.00	3378	346.00	307
87.00	480	154.00	468	222.00	461	352.00	446
88.00	210	155.00	1020	223.00	869	353.00	251
91.00	631	156.00	1610	224.00	8785	354.00	410
92.00	605	157.00	295	225.00	2141	365.00	1625
93.00	4176	158.00	350	226.00	72	366.00	251
94.00	387	159.00	303	227.00	3600	371.00	54
95.00	111	160.00	537	228.00	502	372.00	734
96.00	300	161.00	738	229.00	771	373.00	130
97.00	58	162.00	241	231.00	291	383.00	261
98.00	3061	165.00	616	234.00	212	390.00	116
99.00	2490	166.00	669	235.00	276	402.00	342
100.00	208	167.00	3099	236.00	158	403.00	398
101.00	1479	168.00	1387	237.00	323	404.00	187
103.00	470	169.00	329	239.00	115	421.00	399
104.00	845	171.00	82	241.00	239	422.00	256
105.00	970	172.00	330	242.00	502	423.00	2658
106.00	243	173.00	374	243.00	453	424.00	541
107.00	11681	174.00	758	244.00	6787	441.00	8046
108.00	1757	175.00	1359	245.00	758	442.00	52920
109.00	164	176.00	441	246.00	1218	443.00	10378
110.00	21112	177.00	541	247.00	271	444.00	876
111.00	3002	178.00	272	249.00	294		
112.00	394	179.00	2474	253.00	260		

Data File: /chem3/nt4.i/20090508.b/tune.b/0250508.d

Date : 08-MAY-2009 11:56

Client ID:

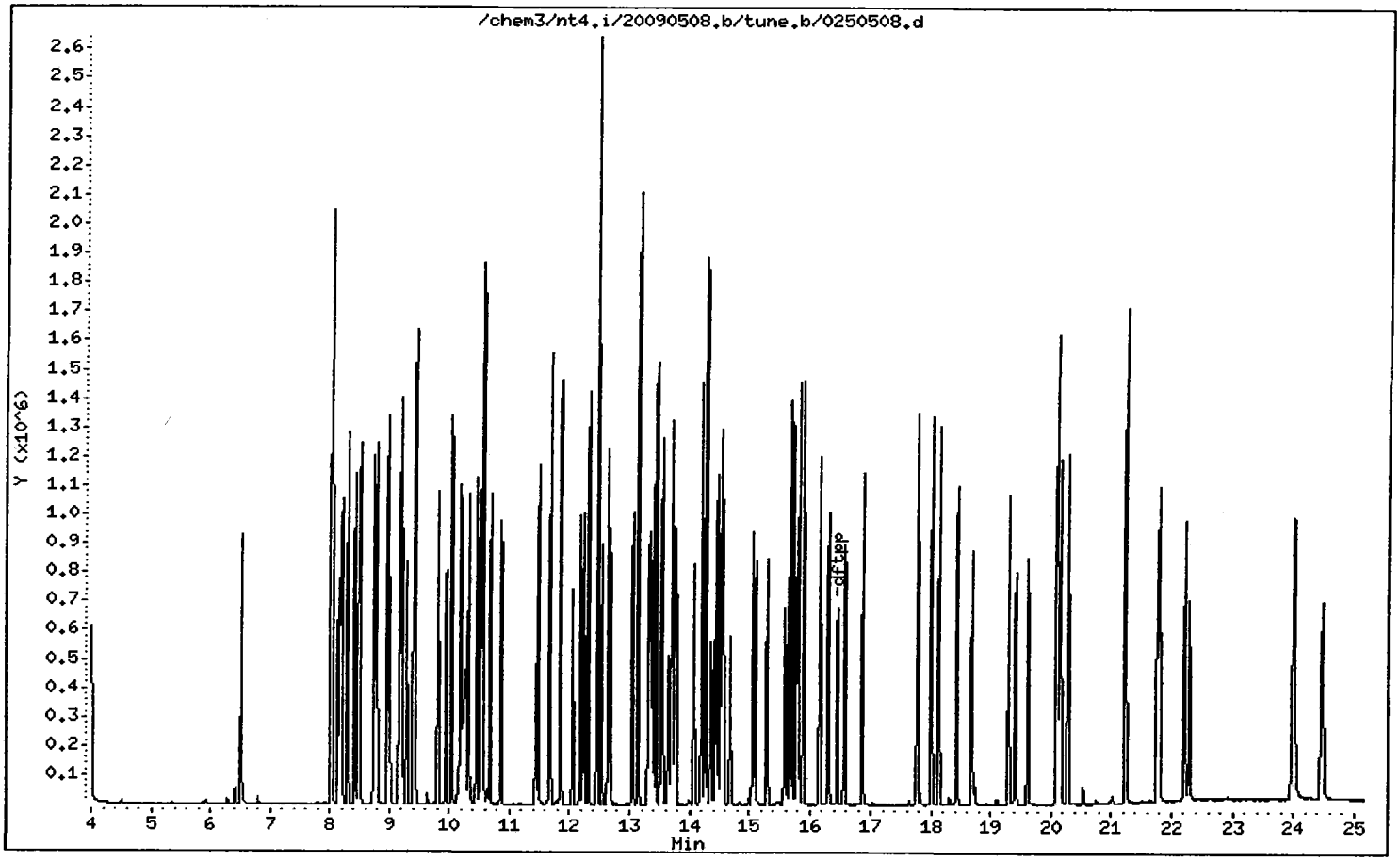
Instrument: nt4.i

Sample Info: ABN 25

Operator: LJR/VTS

Column phase: ZB-5

Column diameter: 0.32



Data File: /chem3/nt4.i/20090616.b/tune.b/cc0616.d

Date : 16-JUN-2009 13:06

Client ID:

Instrument: nt4.i

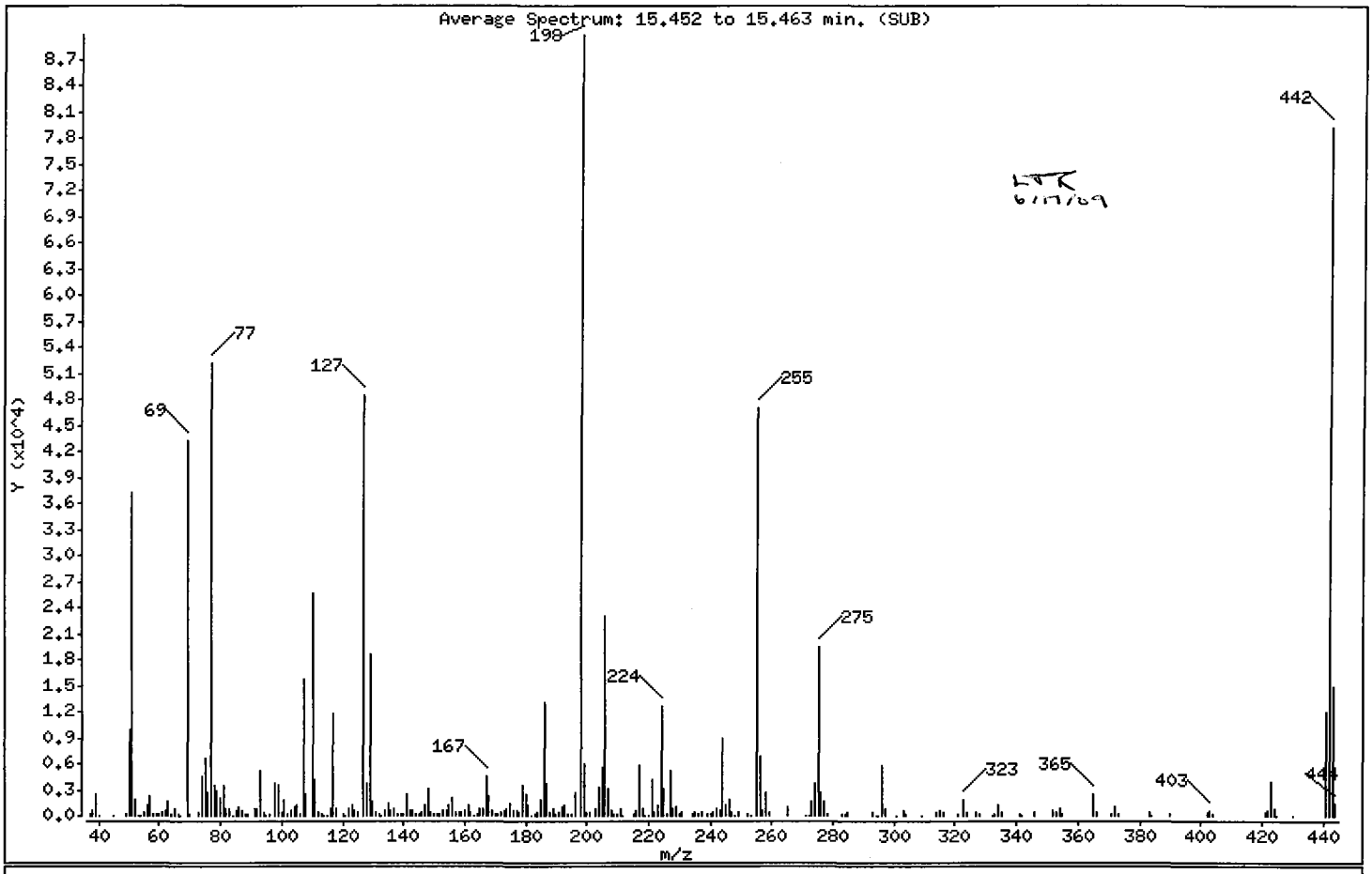
Sample Info: ABN 25

Operator: LJR

Column phase: ZB-5

Column diameter: 0.32

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	41.51
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	48.16
70	Less than 2.00% of mass 69	0.18 (0.38)
127	25.00 - 75.00% of mass 198	53.83
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.78
275	10.00 - 30.00% of mass 198	21.63
365	Greater than 0.75% of mass 198	2.82
441	Present, but less than mass 443	13.36
442	40.00 - 110.00% of mass 198	88.26
443	15.00 - 24.00% of mass 442	16.70 (18.92)

Date : 16-JUN-2009 13:06

Client ID: Instrument: nt4.i

Sample Info: ABN 25

Operator: LJR

Column phase: ZB-5 Column diameter: 0.32

Data File: cc0616.d
Spectrum: Average Spectrum: 15.452 to 15.463 min. (SUB)
Location of Maximum: 198.00
Number of points: 259

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	203	115.00	39	182.00	79	257.00	615
38.00	521	116.00	807	183.00	269	258.00	2719
39.00	2559	117.00	11818	184.00	335	259.00	472
40.00	37	118.00	895	185.00	1788	265.00	957
45.00	90	120.00	245	186.00	12987	271.00	69
49.00	239	121.00	55	187.00	3699	272.00	61
50.00	9923	122.00	887	188.00	435	273.00	1618
51.00	37296	123.00	1326	189.00	746	274.00	3787
52.00	1874	124.00	640	190.00	132	275.00	19432
53.00	41	125.00	482	191.00	419	276.00	2677
54.00	65	127.00	48368	192.00	1125	277.00	1677
55.00	361	128.00	3703	193.00	1288	278.00	285
56.00	1234	129.00	18568	194.00	274	283.00	206
57.00	2292	130.00	1628	195.00	105	284.00	118
58.00	219	131.00	465	196.00	2685	285.00	312
59.00	106	132.00	159	198.00	89856	293.00	468
60.00	117	133.00	60	199.00	6090	294.00	51
61.00	502	134.00	552	200.00	496	295.00	53
62.00	623	135.00	1534	201.00	482	296.00	5749
63.00	1756	136.00	604	203.00	744	297.00	756
64.00	276	137.00	800	204.00	3368	301.00	66
65.00	867	138.00	237	205.00	5605	303.00	697
66.00	130	139.00	153	206.00	23048	304.00	219
67.00	89	140.00	162	207.00	3039	309.00	52
69.00	43272	141.00	2395	208.00	607	314.00	392
70.00	164	142.00	704	209.00	245	315.00	693
73.00	354	143.00	689	210.00	234	316.00	315
74.00	4468	144.00	263	211.00	836	321.00	206
75.00	6565	145.00	202	212.00	61	323.00	1839
76.00	2764	146.00	469	215.00	269	324.00	464
77.00	52104	147.00	1327	216.00	544	327.00	354
78.00	3512	148.00	3013	217.00	5869	328.00	106
79.00	2888	149.00	473	218.00	897	332.00	56
80.00	2139	150.00	242	219.00	59	333.00	132
81.00	3507	151.00	169	220.00	53	334.00	1268

Data File: /chem3/nt4.i/20090616.b/tune.b/cc0616.d

Date : 16-JUN-2009 13:06

Client ID:

Instrument: nt4.i

Sample Info: ABN 25

Operator: LJR

Column phase: ZB-5

Column diameter: 0.32

Data File: cc0616.d
Spectrum: Average Spectrum: 15.452 to 15.463 min. (SUB)
Location of Maximum: 198.00
Number of points: 259

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	804	152.00	270	221.00	4213	335.00	315
83.00	895	153.00	705	222.00	499	341.00	299
84.00	84	154.00	533	223.00	1320	342.00	63
85.00	549	155.00	1331	224.00	12708	346.00	400
86.00	1017	156.00	1971	225.00	3189	352.00	600
87.00	566	157.00	325	226.00	265	353.00	475
88.00	210	158.00	397	227.00	5200	354.00	784
89.00	181	159.00	405	228.00	726	355.00	115
91.00	752	160.00	678	229.00	1052	365.00	2531
92.00	762	161.00	1145	230.00	182	366.00	426
93.00	5273	162.00	461	231.00	397	371.00	147
94.00	329	163.00	87	234.00	299	372.00	964
95.00	91	164.00	111	235.00	482	373.00	207
96.00	261	165.00	875	236.00	304	383.00	336
98.00	3807	166.00	767	237.00	408	384.00	53
99.00	3438	167.00	4522	239.00	226	390.00	108
100.00	327	168.00	2308	240.00	160	402.00	483
101.00	1902	169.00	535	241.00	377	403.00	710
102.00	162	170.00	201	242.00	774	404.00	202
103.00	608	171.00	205	243.00	709	421.00	514
104.00	1094	172.00	510	244.00	8970	422.00	581
105.00	1338	173.00	628	245.00	1173	423.00	3919
106.00	154	174.00	749	246.00	1802	424.00	805
107.00	15686	175.00	1524	247.00	512	425.00	52
108.00	2471	176.00	521	248.00	63	430.00	56
110.00	25704	177.00	677	249.00	344	441.00	12004
111.00	4101	178.00	457	252.00	113	442.00	79312
112.00	458	179.00	3536	253.00	20	443.00	15007
113.00	173	180.00	2452	255.00	46944	444.00	1512
114.00	69	181.00	1234	256.00	6774		

Data File: /chem3/nt4.i/20090616.b/tune.b/cc0616.d

Date : 16-JUN-2009 13:06

Client ID:

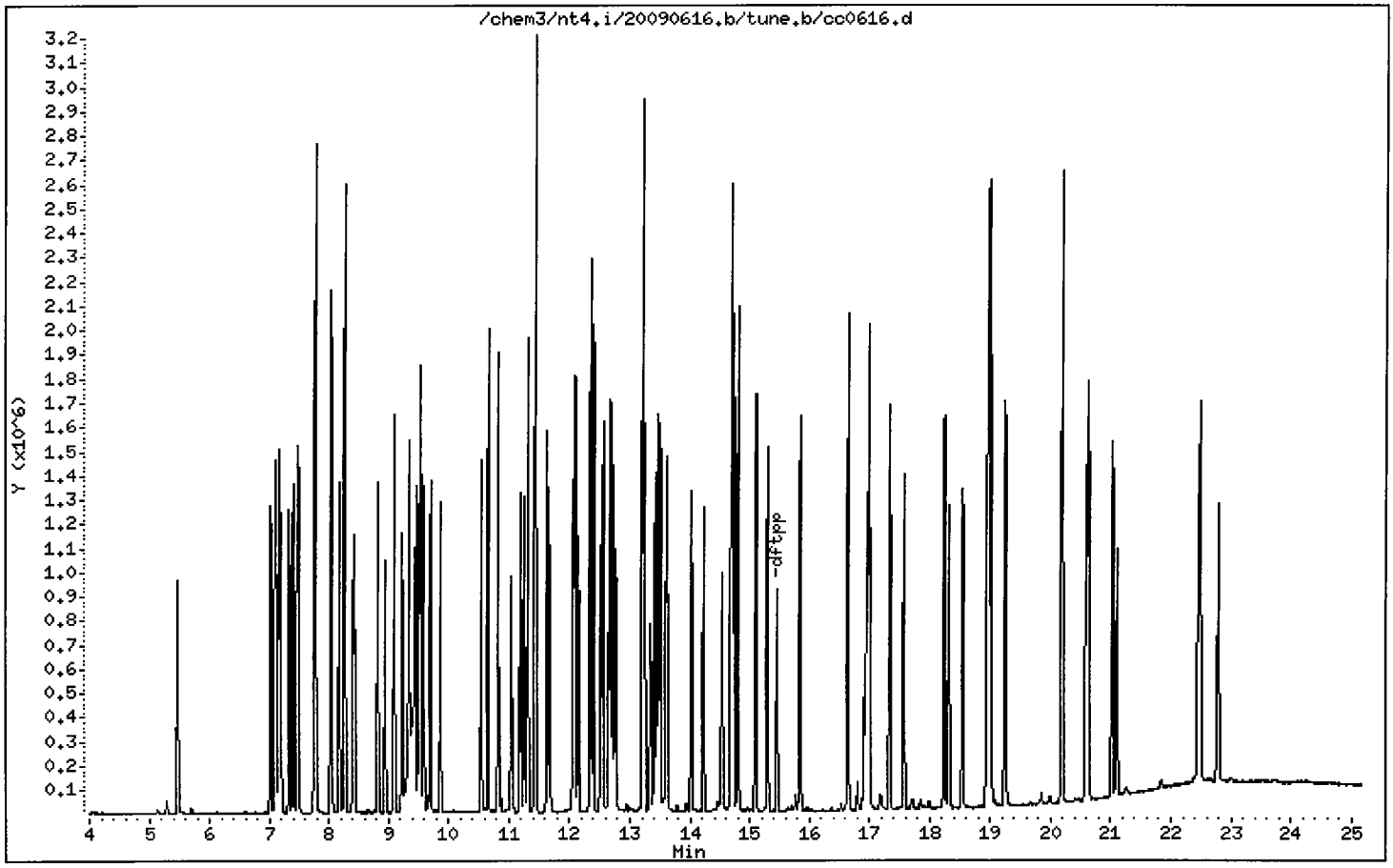
Instrument: nt4.i

Sample Info: ABN 25

Operator: LJR

Column phase: ZB-5

Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: MB-061009
METHOD BLANK

Lab Sample ID: MB-061009
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 13:40
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.0 g
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	20	< 20 U
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	54.8%	2-Fluorobiphenyl	59.6%
d14-p-Terphenyl	77.2%	d4-1,2-Dichlorobenzene	56.8%
d5-Phenol	60.0%	2-Fluorophenol	54.1%
2,4,6-Tribromophenol	75.7%	d4-2-Chlorophenol	60.5%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44mb.d
Lab Smp Id: PB44MBS1 Client Smp ID: PB44MBS1
Inj Date : 16-JUN-2009 13:40
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44MBS1
Misc Info : 09-12795
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.485	5.475	(0.736)	244854	20.3146	406.3
$	2 Phenol-d5	99	7.083	7.091	(0.950)	368606	22.4584	449.2
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.165	7.167	(0.961)	230161	22.7059	454.1
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	7.171	7.191	(0.962)	5961	0.51535 LBL	10.31
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.453	7.461	(1.000)	157312	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.753	7.761	(1.040)	105443	14.2479	285.0
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.393	8.401	(0.884)	223921	13.7055	274.1
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.498	9.506	(1.000)	575754	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.302	11.309	(0.916)	368529	14.8861	297.7
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.342	12.344	(1.000)	326607	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.623	13.636	(1.104)	85823	28.4435	568.9
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.686	14.694	(1.000)	548378	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	Compound Not Detected.					
65	Pyrene	202	Compound Not Detected.					
$ 66	Terphenyl-d14	244	17.330	17.338	(0.914)	436506	19.3158	386.3
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	18.958	18.977	(1.000)	439813	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	Compound Not Detected.					
72	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
* 134	Di-n-octylphthalate-d4	153	20.168	20.181	(1.000)	689064	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	Compound Not Detected.					
75	Benzo(k)fluoranthene	252	Compound Not Detected.					
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	21.090	21.110	(1.000)	372096	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44mb.d
Lab Smp Id: PB44MBS1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12795

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: PB44MBS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	157312	-12.91
27 Naphthalene-d8	633172	316586	1266344	575754	-9.07
42 Acenaphthene-d10	336916	168458	673832	326607	-3.06
59 Phenanthrene-d10	514258	257129	1028516	548378	6.63
69 Chrysene-d12	376875	188438	753750	439813	16.70
134 Di-n-octylphthala	640574	320287	1281148	689064	7.57
77 Perylene-d12	383864	191932	767728	372096	-3.07

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.45	-0.10
27 Naphthalene-d8	9.51	9.01	10.01	9.50	-0.08
42 Acenaphthene-d10	12.34	11.84	12.84	12.34	-0.01
59 Phenanthrene-d10	14.69	14.19	15.19	14.69	-0.05
69 Chrysene-d12	18.98	18.48	19.48	18.96	-0.10
134 Di-n-octylphthala	20.18	19.68	20.68	20.17	-0.07
77 Perylene-d12	21.11	20.61	21.61	21.09	-0.09

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44MBS1
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDAMBLCS.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12795

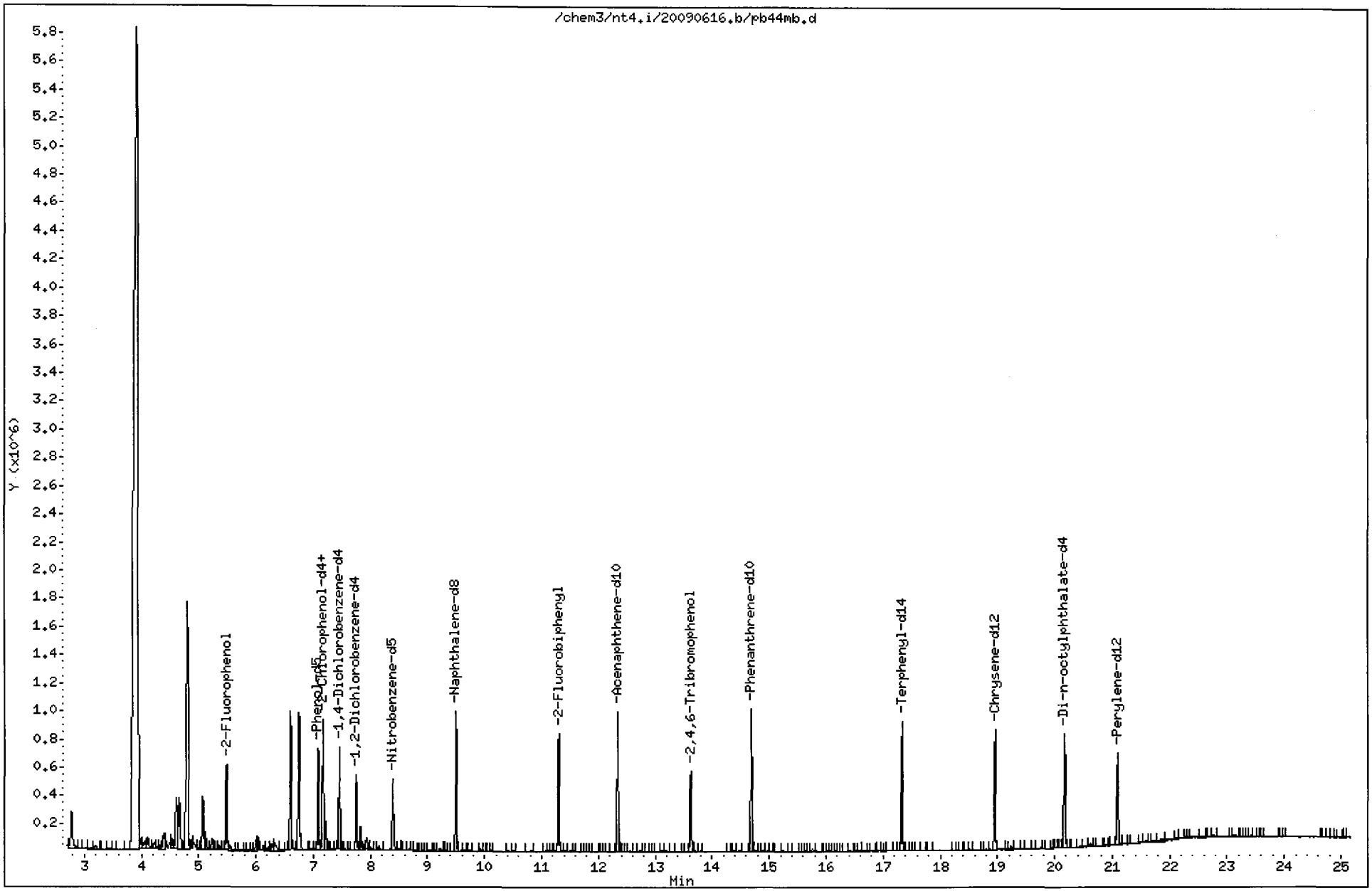
Client SDG: PB44
Fraction: SV
Client Smp ID: PB44MBS1
Operator: LJR/VTS
SampleType: BLANK
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	406.3	54.17	26-100
$ 2 Phenol-d5	750.0	449.2	59.89	10-100
$ 5 2-Chlorophenol-d4	750.0	454.1	60.55	39-100
$ 10 1,2-Dichlorobenzen	500.0	285.0	56.99	32-100
$ 18 Nitrobenzene-d5	500.0	274.1	54.82	34-100
$ 36 2-Fluorobiphenyl	500.0	297.7	59.54	39-100
$ 55 2,4,6-Tribromophen	750.0	568.9	75.85	43-108
$ 66 Terphenyl-d14	500.0	386.3	77.26	39-105

Data File: /chem3/nt4.i/20090616.b/pb44mb.d
Date : 16-JUN-2009 13:40
Client ID: PB44MBS1
Sample Info: PB44MBS1
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED6-C
MATRIX SPIKE

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 19:58
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 26.2 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	---
541-73-1	1,3-Dichlorobenzene	19	---
106-46-7	1,4-Dichlorobenzene	19	---
100-51-6	Benzyl Alcohol	19	---
95-50-1	1,2-Dichlorobenzene	19	---
95-48-7	2-Methylphenol	19	---
106-44-5	4-Methylphenol	19	---
67-72-1	Hexachloroethane	19	---
105-67-9	2,4-Dimethylphenol	19	---
65-85-0	Benzoic Acid	190	---
120-82-1	1,2,4-Trichlorobenzene	19	---
91-20-3	Naphthalene	19	---
87-68-3	Hexachlorobutadiene	19	---
91-57-6	2-Methylnaphthalene	19	---
131-11-3	Dimethylphthalate	19	---
208-96-8	Acenaphthylene	19	---
83-32-9	Acenaphthene	19	---
132-64-9	Dibenzofuran	19	---
84-66-2	Diethylphthalate	19	---
86-73-7	Fluorene	19	---
86-30-6	N-Nitrosodiphenylamine	19	---
118-74-1	Hexachlorobenzene	19	---
87-86-5	Pentachlorophenol	95	---
85-01-8	Phenanthrene	19	---
120-12-7	Anthracene	19	---
84-74-2	Di-n-Butylphthalate	19	---
206-44-0	Fluoranthene	19	---
129-00-0	Pyrene	19	---
85-68-7	Butylbenzylphthalate	19	---
56-55-3	Benzo(a)anthracene	19	---
117-81-7	bis(2-Ethylhexyl)phthalate	19	---
218-01-9	Chrysene	19	---
117-84-0	Di-n-Octyl phthalate	19	---
205-99-2	Benzo(b)fluoranthene	19	---
207-08-9	Benzo(k)fluoranthene	19	---
50-32-8	Benzo(a)pyrene	19	---
193-39-5	Indeno(1,2,3-cd)pyrene	19	---
53-70-3	Dibenz(a,h)anthracene	19	---
191-24-2	Benzo(g,h,i)perylene	19	---
90-12-0	1-Methylnaphthalene	19	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	65.6%
d14-p-Terphenyl	71.2%	d4-1,2-Dichlorobenzene	56.8%
d5-Phenol	68.0%	2-Fluorophenol	60.0%
2,4,6-Tribromophenol	87.2%	d4-2-Chlorophenol	69.1%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44ims.d
Lab Smp Id: PB44IMS Client Smp ID: 3SED6-C MS
Inj Date : 16-JUN-2009 19:58
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44IMS
Misc Info : 09-12795
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 13 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJK 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	30.70000	Weight of sample extracted (g)
M	14.50000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.523	5.475	(0.738)	279005	22.5221	429.0
$	2 Phenol-d5	99	7.174	7.091	(0.959)	430090	25.4960	485.7
	3 Phenol	94	7.197	7.114	(0.962)	324754	16.8519	321.0
$	5 2-Chlorophenol-d4	132	7.197	7.167	(0.962)	269459	25.8640	492.7
	4 Bis(2-Chloroethyl)ether	93	7.168	7.155	(0.958)	216626	15.0901	287.4
	6 2-Chlorophenol	128	7.221	7.191	(0.965)	208945	17.5756	334.8
	7 1,3-Dichlorobenzene	146	7.409	7.396	(0.991)	178902	13.6478	260.0
*	8 1,4-Dichlorobenzene-d4	152	7.479	7.461	(1.000)	161684	20.0000	
	9 1,4-Dichlorobenzene	146	7.503	7.484	(1.003)	187095	14.2477	271.4
$	10 1,2-Dichlorobenzene-d4	152	7.773	7.761	(1.039)	107982	14.1965	270.4
	12 1,2-Dichlorobenzene	146	7.796	7.778	(1.042)	195627	15.8420	301.8
	11 Benzyl alcohol	108	7.802	7.778	(1.043)	295042	32.1907	613.2
	14 2,2'-oxybis(1-Chloropropane)	45	8.049	8.031	(1.076)	504179	29.2581	557.3(B)
	13 2-Methylphenol	108	8.078	8.037	(1.080)	226353	18.1533	345.8
	17 Hexachloroethane	117	8.272	8.266	(1.106)	74635	13.0574	248.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	8.278	8.254	(1.107)	174101	15.4843	295.0 (M)
	15 4-Methylphenol	108	8.313	8.272	(1.112)	471356	36.2965	691.4
$	18 Nitrobenzene-d5	82	8.419	8.401	(0.885)	242822	14.7254	280.5
	19 Nitrobenzene	77	8.448	8.430	(0.888)	259295	15.7074	299.2
	20 Isophorone	82	8.848	8.824	(0.930)	493691	16.8090	320.2
	21 2-Nitrophenol	139	8.966	8.947	(0.942)	105096	15.8980	302.8
	22 2,4-Dimethylphenol	107	9.118	9.100	(0.958)	216811	15.2502	290.5
	23 Bis(2-Chloroethoxy)methane	93	9.242	9.235	(0.971)	263142	15.8360	301.7
	24 Benzoic acid	105	9.471	9.435	(0.995)	613729	58.0792	1106
	25 2,4-Dichlorophenol	162	9.371	9.347	(0.985)	184787	19.6194	373.7
	26 1,2,4-Trichlorobenzene	180	9.471	9.459	(0.995)	183184	17.1015	325.8
*	27 Naphthalene-d8	136	9.518	9.506	(1.000)	581110	20.0000	
	28 Naphthalene	128	9.547	9.535	(1.003)	544208	16.4553	313.5
	29 4-Chloroaniline	127	9.759	9.700	(1.025)	57850	4.22852	80.55 (RM)
	30 Hexachlorobutadiene	225	9.870	9.864	(1.037)	100830	18.6086	354.5
	31 4-Chloro-3-methylphenol	107	10.570	10.540	(1.110)	244544	20.7638	395.5
	32 2-Methylnaphthalene	141	10.669	10.657	(1.121)	321758	17.4723	332.8
	33 Hexachlorocyclopentadiene	237	11.045	11.039	(0.894)	75998	11.5536	220.1
	34 2,4,6-Trichlorophenol	196	11.204	11.186	(0.906)	150988	20.4962	390.4
	35 2,4,5-Trichlorophenol	196	11.275	11.245	(0.912)	162506	20.8755	397.7
$	36 2-Fluorobiphenyl	172	11.316	11.309	(0.915)	433788	16.3977	312.4
	37 2-Chloronaphthalene	162	11.439	11.427	(0.925)	393228	17.7804	338.7
	38 2-Nitroaniline	65	11.692	11.674	(0.946)	176653	18.7925	358.0
	39 Dimethylphthalate	163	12.074	12.067	(0.977)	495215	19.9240	379.5
	40 Acenaphthylene	152	12.109	12.097	(0.980)	636647	17.4366	332.1
	41 2,6-Dinitrotoluene	165	12.162	12.150	(0.984)	107430	18.8199	358.5
*	42 Acenaphthene-d10	164	12.362	12.344	(1.000)	349005	20.0000	
	43 3-Nitroaniline	138	12.367	12.349	(1.000)	131416	22.8241	434.8
	44 Acenaphthene	153	12.414	12.396	(1.004)	403680	18.1851	346.4
	45 2,4-Dinitrophenol	184	12.550	12.520	(1.015)	146403	45.3683	864.2
	46 Dibenzofuran	168	12.673	12.661	(1.025)	597622	19.2206	366.1
	47 4-Nitrophenol	109	12.749	12.714	(1.031)	104131	23.7407	452.2
	48 2,4-Dinitrotoluene	165	12.790	12.767	(1.035)	150282	19.7426	376.1
	50 Diethylphthalate	149	13.219	13.213	(1.069)	551865	21.3520	406.7
	49 Fluorene	166	13.225	13.207	(1.070)	527101	21.5172	409.9
	51 4-Chlorophenyl-phenylether	204	13.261	13.248	(1.073)	238539	20.5789	392.0
	52 4-Nitroaniline	138	13.354	13.348	(1.080)	82778	13.7213	261.4
	53 4,6-Dinitro-2-methylphenol	198	13.449	13.425	(0.914)	223279	47.9774	913.9
	54 N-Nitrosodiphenylamine	169	13.478	13.466	(0.916)	353947	19.2444	366.6
$	55 2,4,6-Tribromophenol	330	13.654	13.636	(1.105)	105418	32.6955	622.8
	56 4-Bromophenyl-phenylether	248	14.036	14.024	(0.954)	135568	20.7257	394.8
	57 Hexachlorobenzene	284	14.248	14.230	(0.968)	150994	22.2329	423.5
	58 Pentachlorophenol	266	14.559	14.535	(0.989)	48815	11.3009	215.3
*	59 Phenanthrene-d10	188	14.718	14.694	(1.000)	566306	20.0000	
	60 Phenanthrene	178	14.753	14.735	(1.002)	760129	21.0317	400.6
	61 Anthracene	178	14.823	14.805	(1.007)	708211	19.3039	367.7
	62 Carbazole	167	15.123	15.105	(1.028)	664264	21.3965	407.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	63 Di-n-butylphthalate	149	15.863	15.845	(1.078)	805487	20.0912	382.7
	64 Fluoranthene	202	16.674	16.650	(1.133)	763914	21.3149	406.0
	65 Pyrene	202	17.021	16.997	(0.896)	766279	18.1826	346.4
$	66 Terphenyl-d14	244	17.362	17.338	(0.914)	446869	17.7674	338.4
	67 Butylbenzylphthalate	149	18.255	18.242	(0.961)	359211	18.3238	349.0
	68 Benzo(a)anthracene	228	18.977	18.948	(0.999)	704940	20.8632	397.4
*	69 Chrysene-d12	240	19.001	18.977	(1.000)	489493	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.001	18.977	(1.000)	250169	21.8837	416.9
	71 Chrysene	228	19.042	19.018	(1.002)	695122	21.0373	400.7
	72 bis(2-Ethylhexyl)phthalate	149	19.265	19.247	(0.954)	492282	19.1708	365.2
*	134 Di-n-octylphthalate-d4	153	20.199	20.181	(1.000)	793981	20.0000	
	73 Di-n-octylphthalate	149	20.211	20.187	(1.001)	853705	19.6556	374.4
	74 Benzo(b)fluoranthene	252	20.628	20.593	(0.976)	724042	21.9550	418.2
	75 Benzo(k)fluoranthene	252	20.658	20.628	(0.977)	778184	22.8024	434.4
	76 Benzo(a)pyrene	252	21.063	21.027	(0.996)	608640	20.6473	393.3
*	77 Perylene-d12	264	21.145	21.110	(1.000)	471962	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.520	22.467	(1.065)	794224	21.4556	408.7
	79 Dibenzo(a,h)anthracene	278	22.544	22.496	(1.066)	666322	22.0784	420.6
	80 Benzo(g,h,i)perylene	276	22.855	22.802	(1.081)	668668	19.9896	380.8
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	7.044	7.020	(0.942)	14547	0.65844	12.54(RMH)
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	10.840	10.822	(1.139)	338646	19.2416	366.5
	111 Azobenzene (1,2-DP-Hydrazine)	77	13.513	13.501	(1.093)	629215	18.6825	355.9

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44ims.d
Lab Smp Id: PB44IMS
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12795

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED6-C MS
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	161684	-10.49
27 Naphthalene-d8	633172	316586	1266344	581110	-8.22
42 Acenaphthene-d10	336916	168458	673832	349005	3.59
59 Phenanthrene-d10	514258	257129	1028516	566306	10.12
69 Chrysene-d12	376875	188438	753750	489493	29.88
134 Di-n-octylphthala	640574	320287	1281148	793981	23.95
77 Perylene-d12	383864	191932	767728	471962	22.95

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.48	0.24
27 Naphthalene-d8	9.51	9.01	10.01	9.52	0.13
42 Acenaphthene-d10	12.34	11.84	12.84	12.36	0.15
59 Phenanthrene-d10	14.69	14.19	15.19	14.72	0.16
69 Chrysene-d12	18.98	18.48	19.48	19.00	0.13
134 Di-n-octylphthala	20.18	19.68	20.68	20.20	0.09
77 Perylene-d12	21.11	20.61	21.61	21.15	0.17

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44IMS
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12795

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-C MS
Operator: LJR/VTS
SampleType: MS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	476.2	321.0	67.41	31-102
4	Bis(2-Chloroethyl)	476.2	287.4	60.36	30-100
6	2-Chlorophenol	476.2	334.8	70.30	36-100
7	1,3-Dichlorobenzen	476.2	260.0	54.59	32-100
9	1,4-Dichlorobenzen	476.2	271.4	56.99	33-100
11	Benzyl alcohol	952.4	613.2	64.38	10-100
12	1,2-Dichlorobenzen	476.2	301.8	63.37	34-100
13	2-Methylphenol	476.2	345.8	72.61	34-100
14	2,2'-oxybis(1-Chlo	476.2	557.3	117.03 *	29-100
15	4-Methylphenol	952.4	691.4	72.59	39-100
16	N-Nitroso-di-n-pro	476.2	295.0	61.94	32-100
17	Hexachloroethane	476.2	248.7	52.23	29-100
19	Nitrobenzene	476.2	299.2	62.83	28-100
20	Isophorone	476.2	320.2	67.24	46-100
21	2-Nitrophenol	476.2	302.8	OK 63.59	37-100
22	2,4-Dimethylphenol	476.2	290.5	61.00	19-100
23	Bis(2-Chloroethoxy	476.2	301.7	63.34	38-100
24	Benzoic acid	1429	1106	77.44	21-123
25	2,4-Dichlorophenol	476.2	373.7	78.48	39-100
26	1,2,4-Trichloroben	476.2	325.8	68.41	36-100
28	Naphthalene	476.2	313.5	65.82	37-100
29	4-Chloroaniline	1143	80.55	7.05 *	10-100
30	Hexachlorobutadien	476.2	354.5	74.43	33-100
31	4-Chloro-3-methylp	476.2	395.5	83.06	42-102
32	2-Methylnaphthalen	476.2	332.8	69.89	41-100
33	Hexachlorocyclopen	1429	220.1	15.40	15-104
34	2,4,6-Trichlorophe	476.2	390.4	81.98	42-100
35	2,4,5-Trichlorophe	476.2	397.7	83.50	43-100
37	2-Chloronaphthalen	476.2	338.7	71.12	36-100
38	2-Nitroaniline	476.2	358.0	75.17	41-100
39	Dimethylphthalate	476.2	379.5	79.70	48-100
40	Acenaphthylene	476.2	332.1	69.75	42-100
41	2,6-Dinitrotoluene	476.2	358.5	75.28	44-106

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43	3-Nitroaniline	1219	434.8	35.66	15-108
44	Acenaphthene	476.2	346.4	72.74	38-100
45	2,4-Dinitrophenol	1429	864.2	60.49	20-140
46	Dibenzofuran	476.2	366.1	76.88	45-100
47	4-Nitrophenol	476.2	452.2	94.96	21-108
48	2,4-Dinitrotoluene	476.2	376.1	78.97	48-111
49	Fluorene	476.2	409.9	86.07	45-100
50	Diethylphthalate	476.2	406.7	85.41	48-102
51	4-Chlorophenyl-phe	476.2	392.0	82.32	45-100
52	4-Nitroaniline	476.2	261.4	54.89	25-100
53	4,6-Dinitro-2-meth	1429	913.9	63.97	23-115
54	N-Nitrosodiphenyla	476.2	366.6	76.98	50-128
56	4-Bromophenyl-phen	476.2	394.8	82.90	45-100
57	Hexachlorobenzene	476.2	423.5	88.93	44-101
58	Pentachlorophenol	476.2	215.3	OK 45.20	35-105
60	Phenanthrene	476.2	400.6	84.13	45-100
61	Anthracene	476.2	367.7	77.22	43-100
62	Carbazole	476.2	407.6	85.59	51-106
63	Di-n-butylphthalat	476.2	382.7	80.36	51-109
64	Fluoranthene	476.2	406.0	85.26	52-107
65	Pyrene	476.2	346.4	72.73	41-113
67	Butylbenzylphthala	476.2	349.0	73.30	40-118
68	Benzo(a)anthracene	476.2	397.4	83.45	44-106
70	3,3'-Dichlorobenzi	1219	416.9	34.19	10-100
71	Chrysene	476.2	400.7	84.15	48-102
72	bis(2-Ethylhexyl)p	476.2	365.2	76.68	38-125
73	Di-n-octylphthalat	476.2	374.4	78.62	29-116
74	Benzo(b)fluoranthe	476.2	418.2	87.82	49-112
75	Benzo(k)fluoranthe	476.2	434.4	91.21	48-116
76	Benzo(a)pyrene	476.2	393.3	82.59	41-100
78	Indeno(1,2,3-cd)py	476.2	408.7	85.82	29-117
79	Dibenzo(a,h)anthra	476.2	420.6	88.31	34-117
80	Benzo(g,h,i)peryle	476.2	380.8	79.96	24-122
91	Aniline	1162	12.54	1.08 *	10-100
111	Azobenzene (1,2-DP	476.2	355.9	74.73	44-101
90	N-Nitrosodimethyl	476.2	0.000	*	25-100
105	1-methylnaphthalen	476.2	366.5	76.97	40-100
103	Pyridine	476.2	0.000	*	10-100

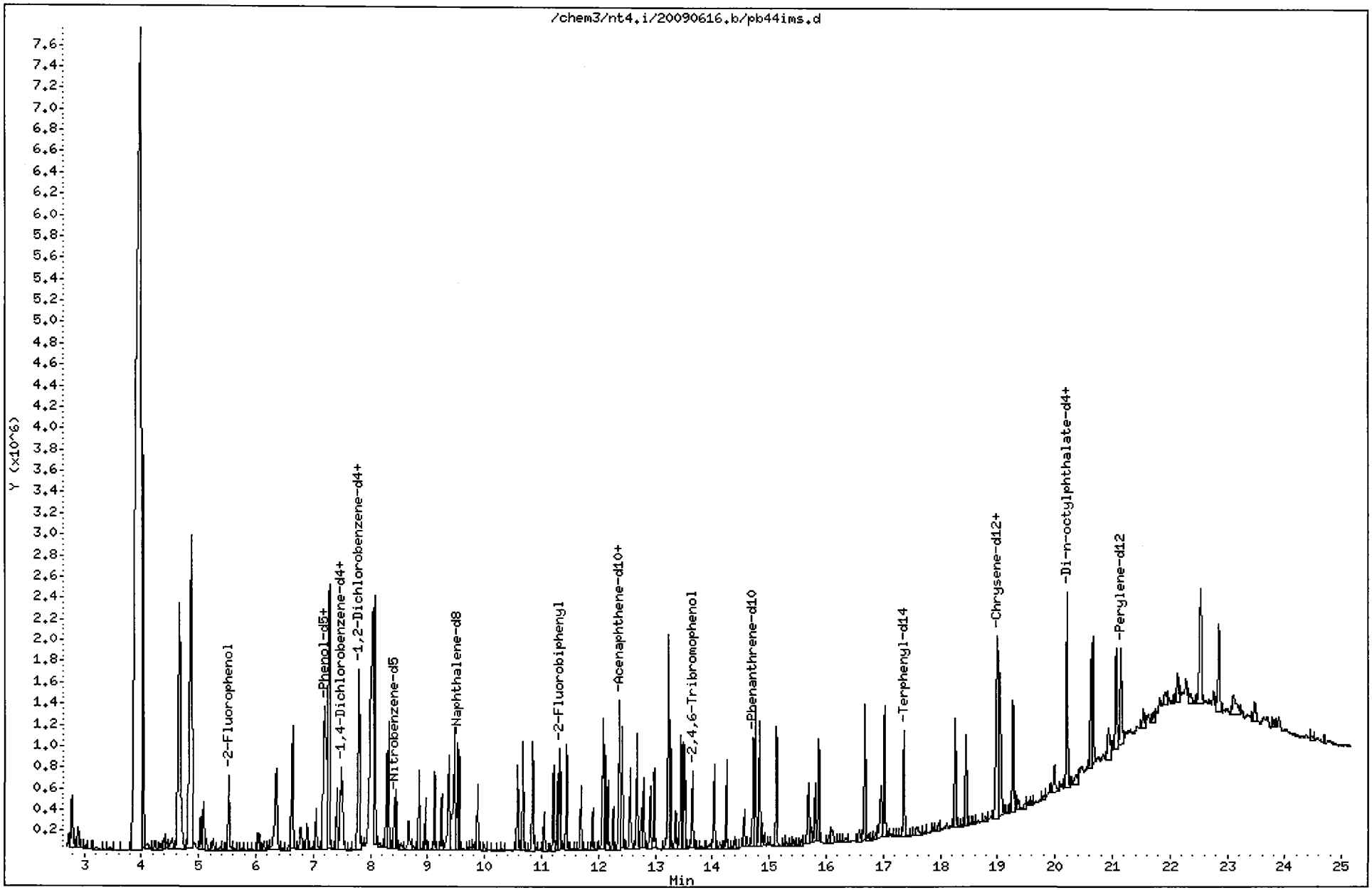
	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	714.3	429.0	60.06	21-100
$ 2	Phenol-d5	714.3	485.7	67.99	10-100

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 5 2-Chlorophenol-d4	714.3	492.7	68.97	30-100
$ 10 1,2-Dichlorobenzen	476.2	270.4	56.79	24-100
$ 18 Nitrobenzene-d5	476.2	280.5	58.90	26-100
$ 36 2-Fluorobiphenyl	476.2	312.4	65.59	32-100
$ 55 2,4,6-Tribromophen	714.3	622.8	87.19	33-118
$ 66 Terphenyl-d14	476.2	338.4	71.07	21-97

Data File: /chem3/nt4.i/20090616.b/pb44ims.d
Date : 16-JUN-2009 19:58
Client ID: 3SED6-C MS
Sample Info: PB44IMS
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32



PB44:006511

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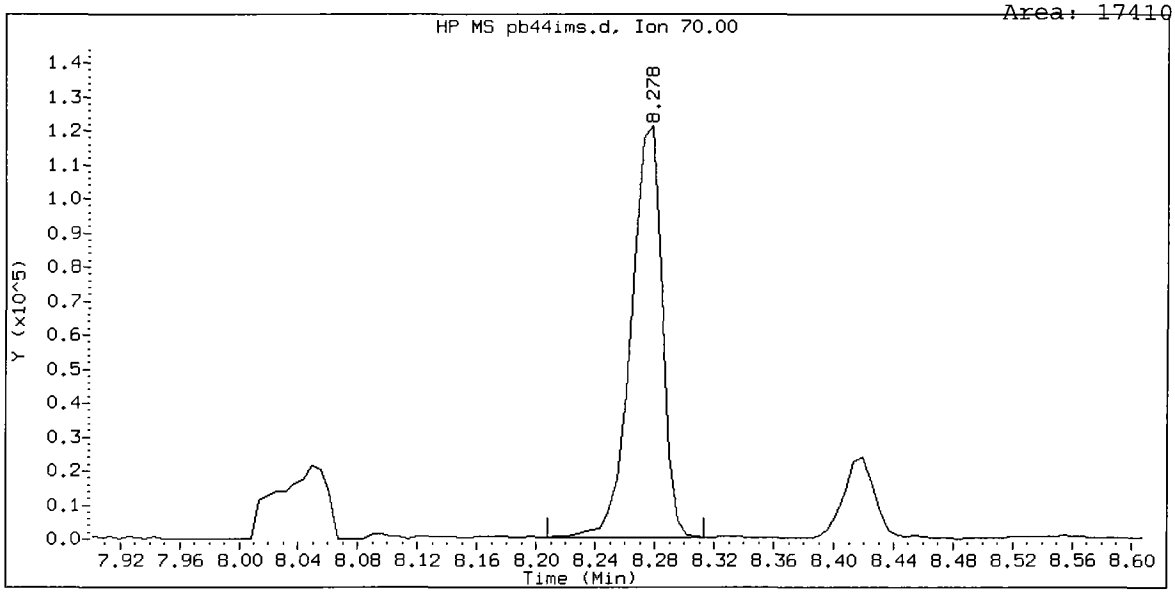
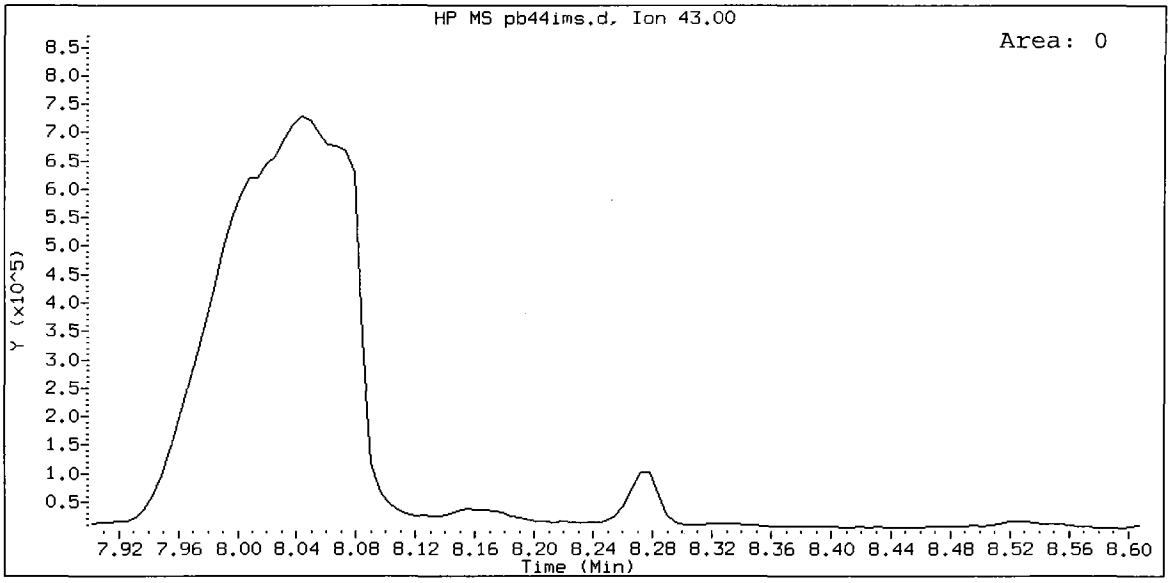
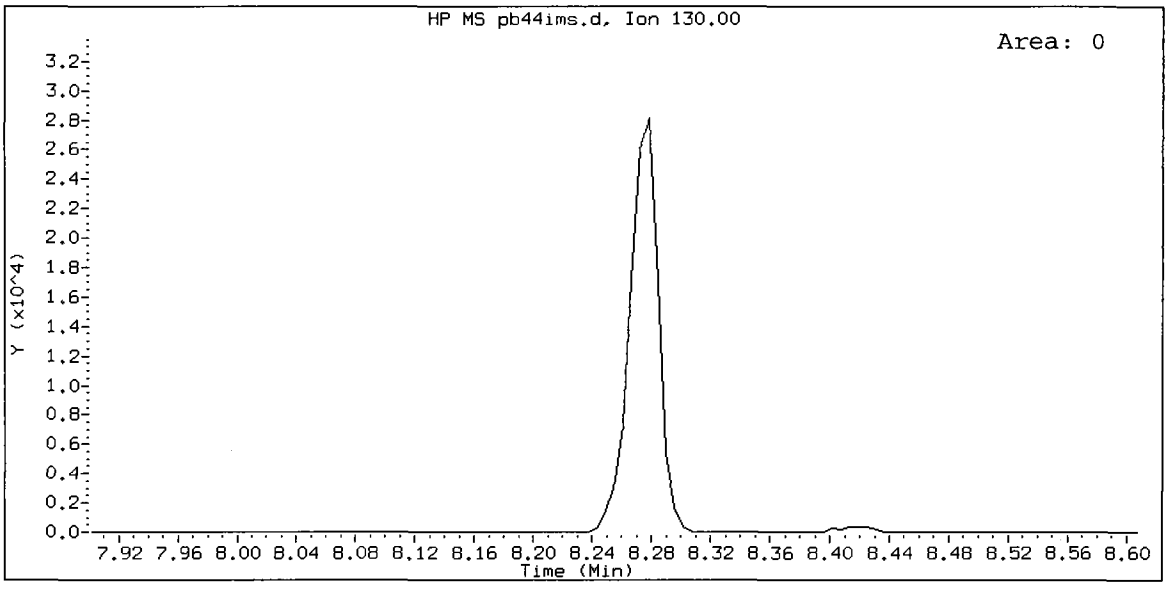
N-Nitroso-di-n-propylamine Amount: 15.48







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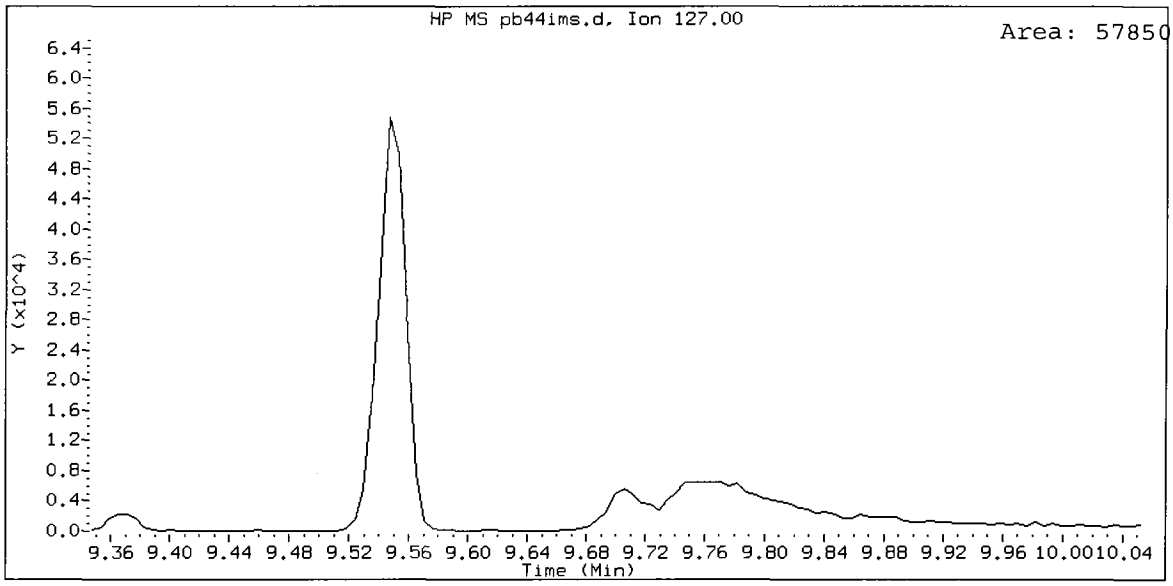
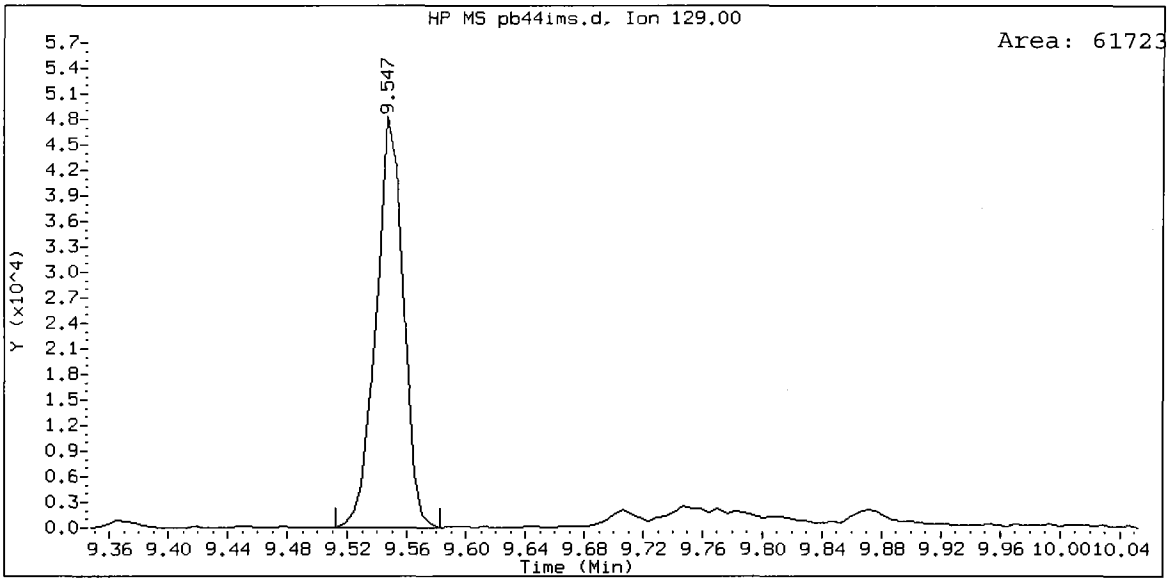
4-Chloroaniline Amount: 4.23





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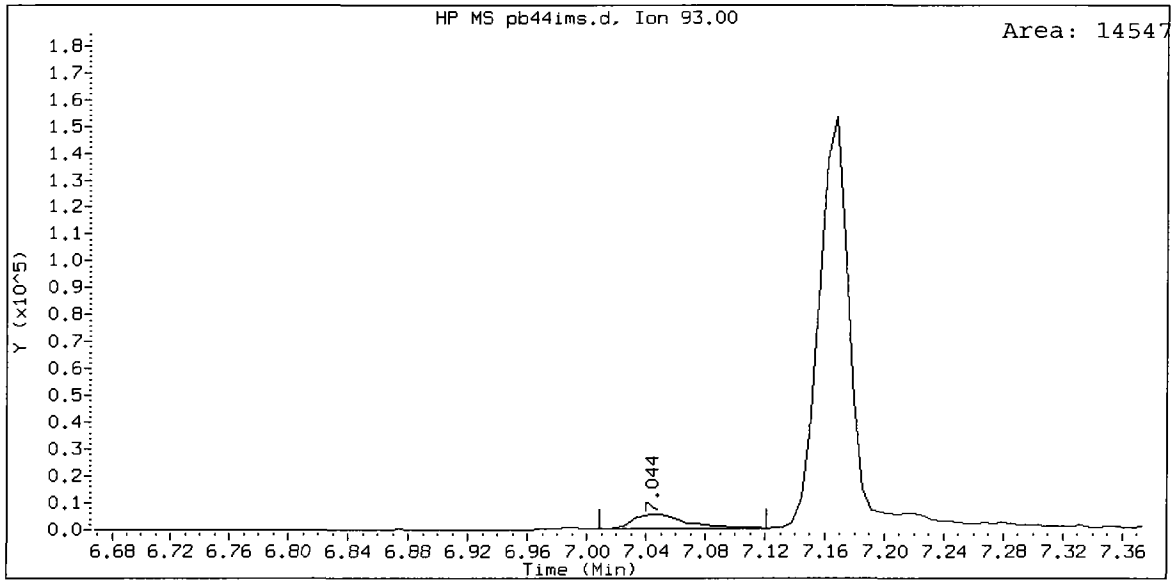
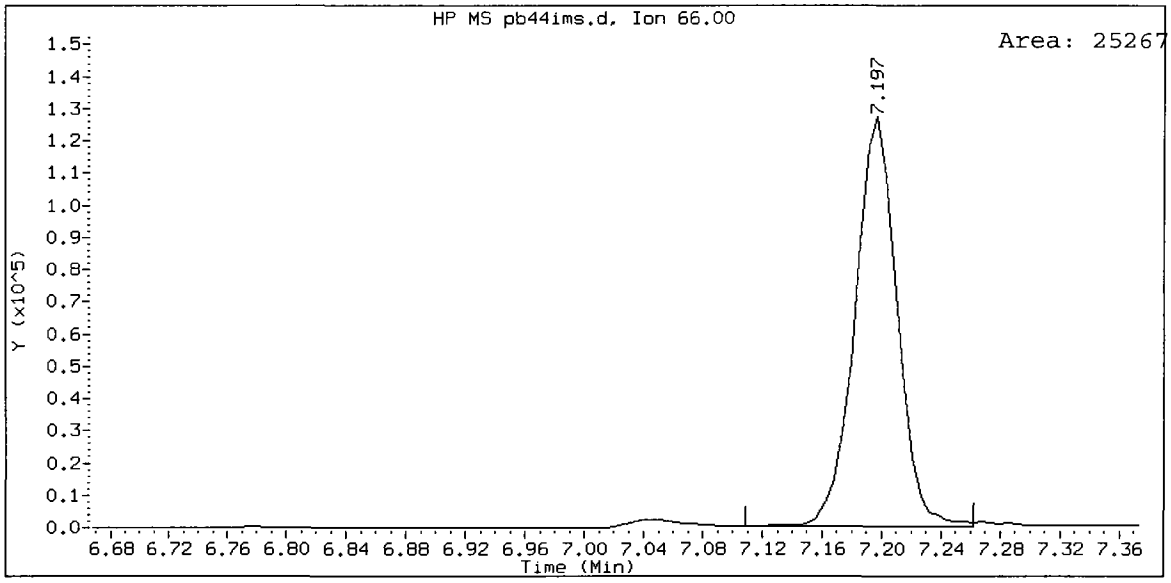
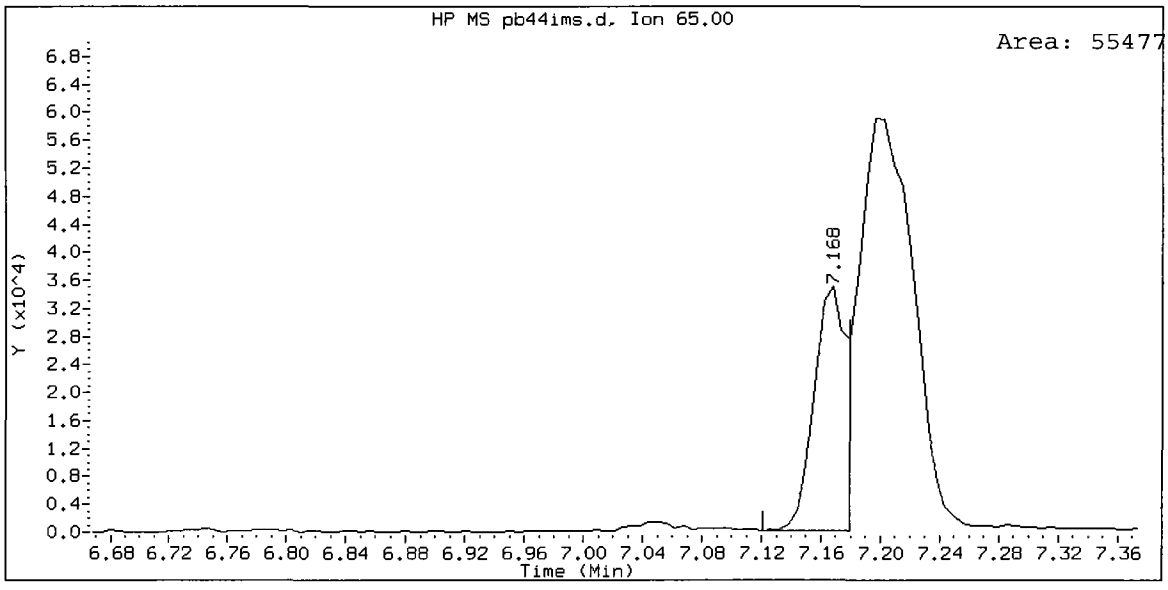
Aniline Amount: 0.66







ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: 3SED6-C
MATRIX SPIKE DUPLICATE

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/16/09 20:33
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 25.8 g-dry-wt
Final Extract Volume: 0.5 mL
Dilution Factor: 1.00
Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	19	---
541-73-1	1,3-Dichlorobenzene	19	---
106-46-7	1,4-Dichlorobenzene	19	---
100-51-6	Benzyl Alcohol	19	---
95-50-1	1,2-Dichlorobenzene	19	---
95-48-7	2-Methylphenol	19	---
106-44-5	4-Methylphenol	19	---
67-72-1	Hexachloroethane	19	---
105-67-9	2,4-Dimethylphenol	19	---
65-85-0	Benzoic Acid	190	---
120-82-1	1,2,4-Trichlorobenzene	19	---
91-20-3	Naphthalene	19	---
87-68-3	Hexachlorobutadiene	19	---
91-57-6	2-Methylnaphthalene	19	---
131-11-3	Dimethylphthalate	19	---
208-96-8	Acenaphthylene	19	---
83-32-9	Acenaphthene	19	---
132-64-9	Dibenzofuran	19	---
84-66-2	Diethylphthalate	19	---
86-73-7	Fluorene	19	---
86-30-6	N-Nitrosodiphenylamine	19	---
118-74-1	Hexachlorobenzene	19	---
87-86-5	Pentachlorophenol	97	---
85-01-8	Phenanthrene	19	---
120-12-7	Anthracene	19	---
84-74-2	Di-n-Butylphthalate	19	---
206-44-0	Fluoranthene	19	---
129-00-0	Pyrene	19	---
85-68-7	Butylbenzylphthalate	19	---
56-55-3	Benzo(a)anthracene	19	---
117-81-7	bis(2-Ethylhexyl)phthalate	19	---
218-01-9	Chrysene	19	---
117-84-0	Di-n-Octyl phthalate	19	---
205-99-2	Benzo(b)fluoranthene	19	---
207-08-9	Benzo(k)fluoranthene	19	---
50-32-8	Benzo(a)pyrene	19	---
193-39-5	Indeno(1,2,3-cd)pyrene	19	---
53-70-3	Dibenz(a,h)anthracene	19	---
191-24-2	Benzo(g,h,i)perylene	19	---
90-12-0	1-Methylnaphthalene	19	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.4%	2-Fluorobiphenyl	64.0%
d14-p-Terphenyl	71.6%	d4-1,2-Dichlorobenzene	52.8%
d5-Phenol	67.7%	2-Fluorophenol	57.9%
2,4,6-Tribromophenol	87.2%	d4-2-Chlorophenol	67.2%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44imd.d
Lab Smp Id: PB44IMSD Client Smp ID: 3SED6-C MSD
Inj Date : 16-JUN-2009 20:33
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44IMSD
Misc Info : 09-12795
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 14 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	30.20000	Weight of sample extracted (g)
M	14.50000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.521	5.475	(0.738)	262957	21.6778	419.8
$	2 Phenol-d5	99	7.172	7.091	(0.959)	418904	25.3607	491.1
	3 Phenol	94	7.189	7.114	(0.961)	310010	16.4287	318.1
$	5 2-Chlorophenol-d4	132	7.195	7.167	(0.962)	256989	25.1913	487.8
	4 Bis(2-Chloroethyl)ether	93	7.166	7.155	(0.958)	200949	14.2955	276.8
	6 2-Chlorophenol	128	7.225	7.191	(0.966)	204548	17.5714	340.3
	7 1,3-Dichlorobenzene	146	7.413	7.396	(0.991)	170433	13.2781	257.1
*	8 1,4-Dichlorobenzene-d4	152	7.477	7.461	(1.000)	158319	20.0000	
	9 1,4-Dichlorobenzene	146	7.507	7.484	(1.004)	183036	14.2349	275.6
$	10 1,2-Dichlorobenzene-d4	152	7.771	7.761	(1.039)	98158	13.1792	255.2
	12 1,2-Dichlorobenzene	146	7.795	7.778	(1.042)	187081	15.4720	299.6
	11 Benzyl alcohol	108	7.801	7.778	(1.043)	281687	31.3868	607.8
	14 2,2'-oxybis(1-Chloropropane)	45	8.047	8.031	(1.076)	226783	13.4402	260.3
	13 2-Methylphenol	108	8.065	8.037	(1.079)	206554	16.9175	327.6
	17 Hexachloroethane	117	8.276	8.266	(1.107)	71780	12.8248	248.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	8.265	8.254	(1.105)	169698	15.4135	298.5
	15 4-Methylphenol	108	8.312	8.272	(1.112)	459228	36.1142	699.3
$	18 Nitrobenzene-d5	82	8.417	8.401	(0.885)	234279	14.6005	282.7
	19 Nitrobenzene	77	8.441	8.430	(0.887)	247996	15.4387	299.0
	20 Isophorone	82	8.840	8.824	(0.929)	463096	16.2037	313.8
	21 2-Nitrophenol	139	8.964	8.947	(0.942)	99045	15.3973	298.2
	22 2,4-Dimethylphenol	107	9.117	9.100	(0.958)	210613	15.2242	294.8
	23 Bis(2-Chloroethoxy)methane	93	9.240	9.235	(0.971)	251362	15.5457	301.0
	24 Benzoic acid	105	9.440	9.435	(0.992)	412661	40.1322	777.1
	25 2,4-Dichlorophenol	162	9.369	9.347	(0.985)	177161	19.3302	374.3
	26 1,2,4-Trichlorobenzene	180	9.469	9.459	(0.995)	172304	16.5310	320.1
*	27 Naphthalene-d8	136	9.516	9.506	(1.000)	565461	20.0000	
	28 Naphthalene	128	9.551	9.535	(1.004)	526337	16.3554	316.7
	29 4-Chloroaniline	127	9.728	9.700	(1.022)	90713	6.81413	131.9 (M)
	30 Hexachlorobutadiene	225	9.875	9.864	(1.038)	95313	18.0772	350.0
	31 4-Chloro-3-methylphenol	107	10.568	10.540	(1.111)	239391	20.8888	404.5
	32 2-Methylnaphthalene	141	10.668	10.657	(1.121)	315783	17.6224	341.2
	33 Hexachlorocyclopentadiene	237	11.044	11.039	(0.893)	97425	15.1128	292.6
	34 2,4,6-Trichlorophenol	196	11.202	11.186	(0.906)	143141	19.8269	383.9
	35 2,4,5-Trichlorophenol	196	11.273	11.245	(0.912)	158573	20.7853	402.5
$	36 2-Fluorobiphenyl	172	11.320	11.309	(0.915)	415135	16.0123	310.1
	37 2-Chloronaphthalene	162	11.437	11.427	(0.925)	385483	17.7854	344.4
	38 2-Nitroaniline	65	11.690	11.674	(0.945)	174668	18.9600	367.1
	39 Dimethylphthalate	163	12.078	12.067	(0.977)	494052	20.2822	392.7
	40 Acenaphthylene	152	12.107	12.097	(0.979)	641896	17.9385	347.4
	41 2,6-Dinitrotoluene	165	12.160	12.150	(0.983)	107498	19.2155	372.1
*	42 Acenaphthene-d10	164	12.366	12.344	(1.000)	342036	20.0000	
	43 3-Nitroaniline	138	12.372	12.349	(1.000)	190437	33.7486	653.5
	44 Acenaphthene	153	12.413	12.396	(1.004)	396790	18.2390	353.2
	45 2,4-Dinitrophenol	184	12.548	12.520	(1.015)	152817	48.3208	935.7
	46 Dibenzofuran	168	12.671	12.661	(1.025)	582142	19.1042	369.9
	47 4-Nitrophenol	109	12.748	12.714	(1.031)	101554	23.6250	457.5
	48 2,4-Dinitrotoluene	165	12.789	12.767	(1.034)	150171	20.1299	389.8
	50 Diethylphthalate	149	13.224	13.213	(1.069)	537499	21.2199	410.9
	49 Fluorene	166	13.224	13.207	(1.069)	520313	21.6729	419.7
	51 4-Chlorophenyl-phenylether	204	13.265	13.248	(1.073)	236253	20.7969	402.7
	52 4-Nitroaniline	138	13.353	13.348	(1.080)	89649	15.1630	293.6
	53 4,6-Dinitro-2-methylphenol	198	13.453	13.425	(0.914)	236761	51.6017	999.2
	54 N-Nitrosodiphenylamine	169	13.476	13.466	(0.916)	353483	19.4939	377.5
$	55 2,4,6-Tribromophenol	330	13.652	13.636	(1.104)	103386	32.7186	633.6
	56 4-Bromophenyl-phenylether	248	14.034	14.024	(0.954)	132779	20.5895	398.7
	57 Hexachlorobenzene	284	14.246	14.230	(0.968)	143330	21.4062	414.5
	58 Pentachlorophenol	266	14.557	14.535	(0.989)	47830	11.2312	217.5
*	59 Phenanthrene-d10	188	14.716	14.694	(1.000)	558324	20.0000	
	60 Phenanthrene	178	14.751	14.735	(1.002)	750342	21.0577	407.8
	61 Anthracene	178	14.822	14.805	(1.007)	718550	19.8657	384.7
	62 Carbazole	167	15.121	15.105	(1.028)	640624	20.9300	405.3

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	63 Di-n-butylphthalate	149	15.862	15.845	(1.078)	795012	20.1134	389.5
	64 Fluoranthene	202	16.672	16.650	(1.133)	748266	21.1768	410.1
	65 Pyrene	202	17.019	16.997	(0.896)	745310	18.1393	351.3
$	66 Terphenyl-d14	244	17.360	17.338	(0.914)	439218	17.9117	346.8
	67 Butylbenzylphthalate	149	18.253	18.242	(0.961)	341533	17.8695	346.0
	68 Benzo(a)anthracene	228	18.976	18.948	(0.999)	684393	20.7753	402.3
*	69 Chrysene-d12	240	18.999	18.977	(1.000)	477236	20.0000	
	70 3,3'-Dichlorobenzidine	252	19.005	18.977	(1.000)	315776	28.3321	548.6
	71 Chrysene	228	19.040	19.018	(1.002)	667466	20.7191	401.2
	72 bis(2-Ethylhexyl)phthalate	149	19.264	19.247	(0.954)	462160	18.8207	364.4
*	134 Di-n-octylphthalate-d4	153	20.198	20.181	(1.000)	759264	20.0000	
	73 Di-n-octylphthalate	149	20.209	20.187	(1.001)	805081	19.3836	375.3
	74 Benzo(b)fluoranthene	252	20.627	20.593	(0.976)	687426	21.5718	417.7
	75 Benzo(k)fluoranthene	252	20.656	20.628	(0.977)	753623	22.8530	442.5
	76 Benzo(a)pyrene	252	21.061	21.027	(0.996)	601674	21.1229	409.0
*	77 Perylene-d12	264	21.144	21.110	(1.000)	456055	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	22.513	22.467	(1.065)	764614	21.3762	413.9
	79 Dibenzo(a,h)anthracene	278	22.536	22.496	(1.066)	651059	22.3251	432.3
	80 Benzo(g,h,i)perylene	276	22.853	22.802	(1.081)	634402	19.6267	380.1
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	7.043	7.020	(0.942)	35342	1.63369	31.63(R)
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	10.838	10.822	(1.139)	327160	19.1035	369.9
	111 Azobenzene (1,2-DP-Hydrazine)	77	13.511	13.501	(1.093)	620711	18.8055	364.2

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44imd.d
Lab Smp Id: PB44IMSD
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12795

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: 3SED6-C MSD
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	158319	-12.35
27 Naphthalene-d8	633172	316586	1266344	565461	-10.69
42 Acenaphthene-d10	336916	168458	673832	342036	1.52
59 Phenanthrene-d10	514258	257129	1028516	558324	8.57
69 Chrysene-d12	376875	188438	753750	477236	26.63
134 Di-n-octylphthala	640574	320287	1281148	759264	18.53
77 Perylene-d12	383864	191932	767728	456055	18.81

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.48	0.22
27 Naphthalene-d8	9.51	9.01	10.01	9.52	0.11
42 Acenaphthene-d10	12.34	11.84	12.84	12.37	0.18
59 Phenanthrene-d10	14.69	14.19	15.19	14.72	0.15
69 Chrysene-d12	18.98	18.48	19.48	19.00	0.12
134 Di-n-octylphthala	20.18	19.68	20.68	20.20	0.08
77 Perylene-d12	21.11	20.61	21.61	21.14	0.16

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44IMSD
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12795

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-C MSD
Operator: LJR/VTS
SampleType: MSD
Quant Type: ISTD

SPIKE	COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	484.1	318.1	65.71	31-102
4	Bis(2-Chloroethyl)	484.1	276.8	57.18	30-100
6	2-Chlorophenol	484.1	340.3	70.29	36-100
7	1,3-Dichlorobenzen	484.1	257.1	53.11	32-100
9	1,4-Dichlorobenzen	484.1	275.6	56.94	33-100
11	Benzyl alcohol	968.2	607.8	62.77	10-100
12	1,2-Dichlorobenzen	484.1	299.6	61.89	34-100
13	2-Methylphenol	484.1	327.6	67.67	34-100
14	2,2'-oxybis(1-Chlo	484.1	260.3	53.76	29-100
15	4-Methylphenol	968.2	699.3	72.23	39-100
16	N-Nitroso-di-n-pro	484.1	298.5	61.65	32-100
17	Hexachloroethane	484.1	248.3	51.30	29-100
19	Nitrobenzene	484.1	299.0	OK 61.75	28-100
20	Isophorone	484.1	313.8	64.81	46-100
21	2-Nitrophenol	484.1	298.2	61.59	37-100
22	2,4-Dimethylphenol	484.1	294.8	60.90	19-100
23	Bis(2-Chloroethoxy	484.1	301.0	62.18	38-100
24	Benzoic acid	1452	777.1	53.51	21-123
25	2,4-Dichlorophenol	484.1	374.3	77.32	39-100
26	1,2,4-Trichloroben	484.1	320.1	66.12	36-100
28	Naphthalene	484.1	316.7	65.42	37-100
29	4-Chloroaniline	1162	131.9	11.36	10-100
30	Hexachlorobutadien	484.1	350.0	72.31	33-100
31	4-Chloro-3-methylp	484.1	404.5	83.56	42-102
32	2-Methylnaphthalen	484.1	341.2	70.49	41-100
33	Hexachlorocyclopen	1452	292.6	20.15	15-104
34	2,4,6-Trichlorophe	484.1	383.9	79.31	42-100
35	2,4,5-Trichlorophe	484.1	402.5	83.14	43-100
37	2-Chloronaphthalen	484.1	344.4	71.14	36-100
38	2-Nitroaniline	484.1	367.1	75.84	41-100
39	Dimethylphthalate	484.1	392.7	81.13	48-100
40	Acenaphthylene	484.1	347.4	71.75	42-100
41	2,6-Dinitrotoluene	484.1	372.1	76.86	44-106

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	1239	653.5	52.73	15-108
44 Acenaphthene	484.1	353.2	72.96	38-100
45 2,4-Dinitrophenol	1452	935.7	64.43	20-140
46 Dibenzofuran	484.1	369.9	76.42	45-100
47 4-Nitrophenol	484.1	457.5	94.50	21-108
48 2,4-Dinitrotoluene	484.1	389.8	80.52	48-111
49 Fluorene	484.1	419.7	86.69	45-100
50 Diethylphthalate	484.1	410.9	84.88	48-102
51 4-Chlorophenyl-phe	484.1	402.7	83.19	45-100
52 4-Nitroaniline	484.1	293.6	60.65	25-100
53 4,6-Dinitro-2-meth	1452	999.2	68.80	23-115
54 N-Nitrosodiphenyla	484.1	377.5	77.98	50-128
56 4-Bromophenyl-phen	484.1	398.7	82.36	45-100
57 Hexachlorobenzene	484.1	414.5	OK 85.62	44-101
58 Pentachlorophenol	484.1	217.5	44.92	35-105
60 Phenanthrene	484.1	407.8	84.23	45-100
61 Anthracene	484.1	384.7	79.46	43-100
62 Carbazole	484.1	405.3	83.72	51-106
63 Di-n-butylphthalat	484.1	389.5	80.45	51-109
64 Fluoranthene	484.1	410.1	84.71	52-107
65 Pyrene	484.1	351.3	72.56	41-113
67 Butylbenzylphthala	484.1	346.0	71.48	40-118
68 Benzo(a)anthracene	484.1	402.3	83.10	44-106
70 3,3'-Dichlorobenzi	1239	548.6	44.27	10-100
71 Chrysene	484.1	401.2	82.88	48-102
72 bis(2-Ethylhexyl)p	484.1	364.4	75.28	38-125
73 Di-n-octylphthalat	484.1	375.3	77.53	29-116
74 Benzo(b)fluoranthe	484.1	417.7	86.29	49-112
75 Benzo(k)fluoranthe	484.1	442.5	91.41	48-116
76 Benzo(a)pyrene	484.1	409.0	84.49	41-100
78 Indeno(1,2,3-cd)py	484.1	413.9	85.50	29-117
79 Dibenzo(a,h)anthra	484.1	432.3	89.30	34-117
80 Benzo(g,h,i)peryle	484.1	380.1	78.51	24-122
91 Aniline	1181	31.63	2.68 (*)	10-100
111 Azobenzene (1,2-DP	484.1	364.2	75.22	44-101
90 N-Nitrosodimethyl	484.1	0.000	(*)	25-100
105 1-methylnaphthalen	484.1	369.9	76.41	40-100
103 Pyridine	484.1	0.000	(*)	10-100

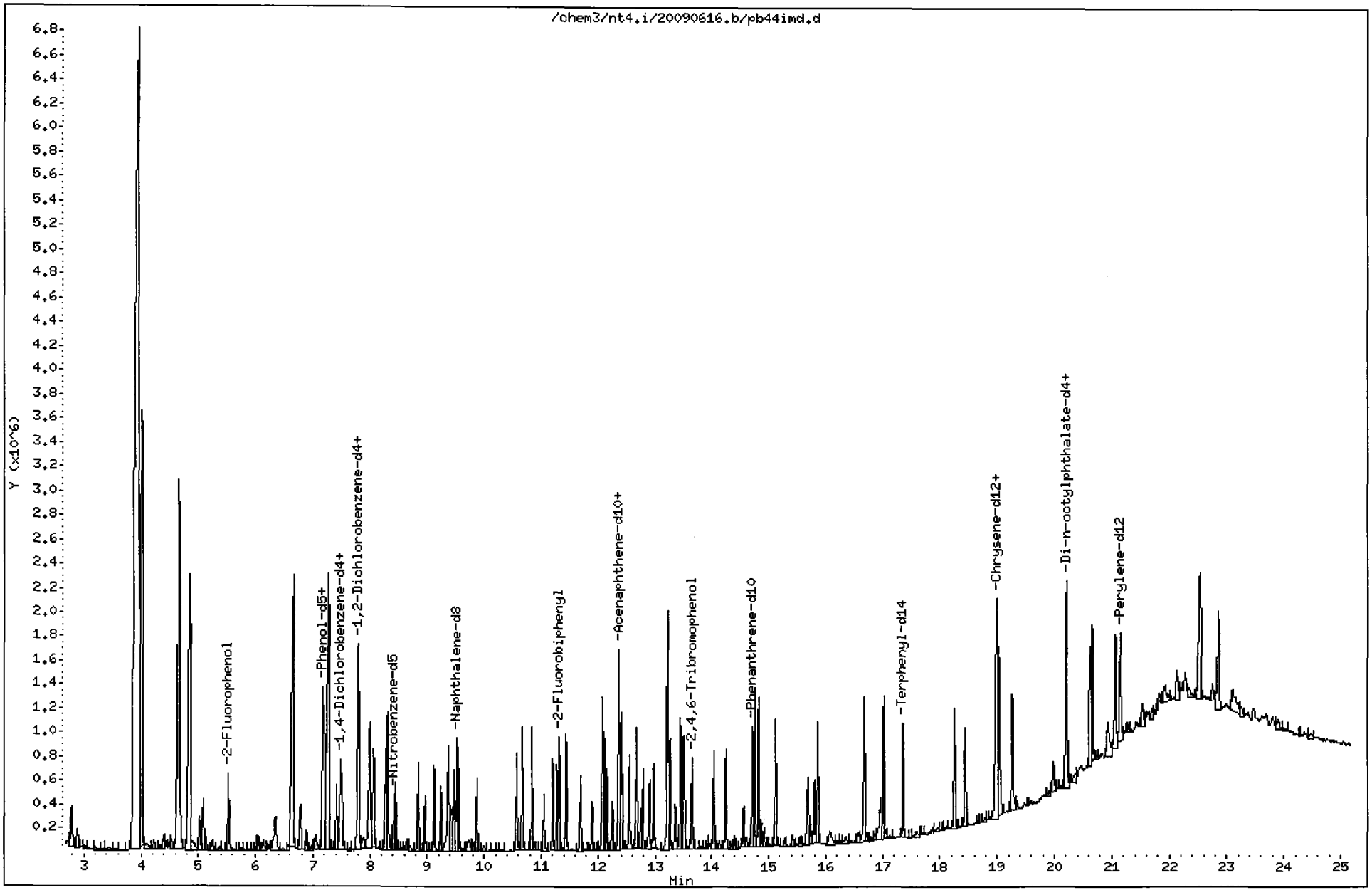
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	726.2	419.8	57.81	21-100
$ 2 Phenol-d5	726.2	491.1	67.63	10-100

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 5 2-Chlorophenol-d4	726.2	487.8	67.18	30-100
$ 10 1,2-Dichlorobenzen	484.1	255.2	52.72	24-100
$ 18 Nitrobenzene-d5	484.1	282.7	58.40	26-100
$ 36 2-Fluorobiphenyl	484.1	310.1	64.05	32-100
$ 55 2,4,6-Tribromophen	726.2	633.6	87.25	33-118
$ 66 Terphenyl-d14	484.1	346.8	71.65	21-97

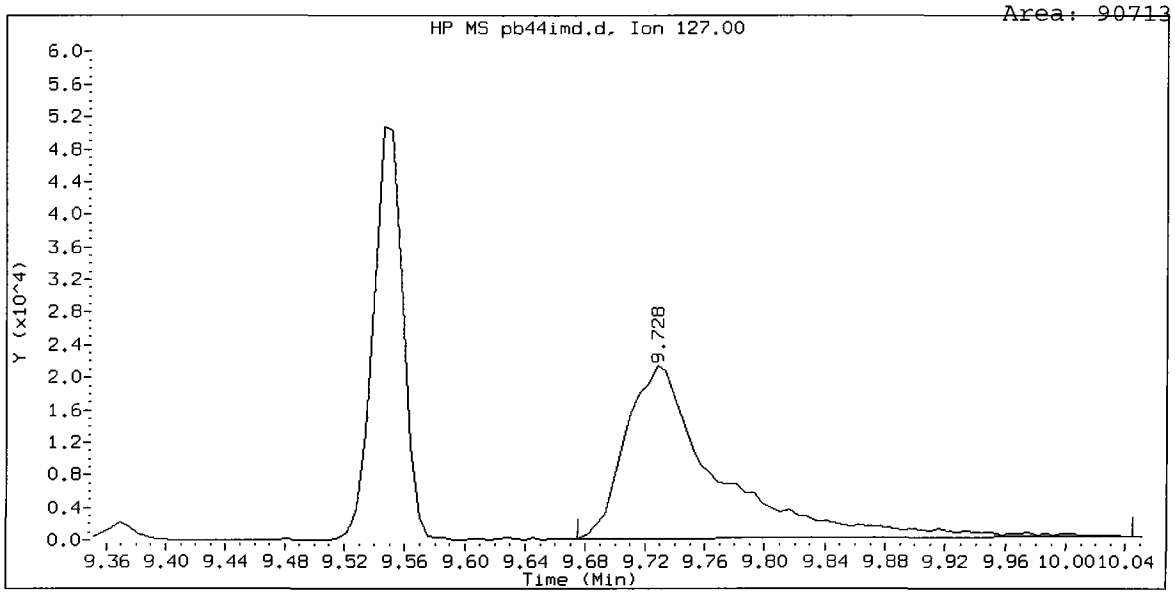
Data File: /chem3/nt4.i/20090616.b/pb44imd.d
Date : 16-JUN-2009 20:33
Client ID: 3SED6-C MSD
Sample Info: PB44IMSD
Volume Injected (uL): 1.0
Column phase: ZB-5

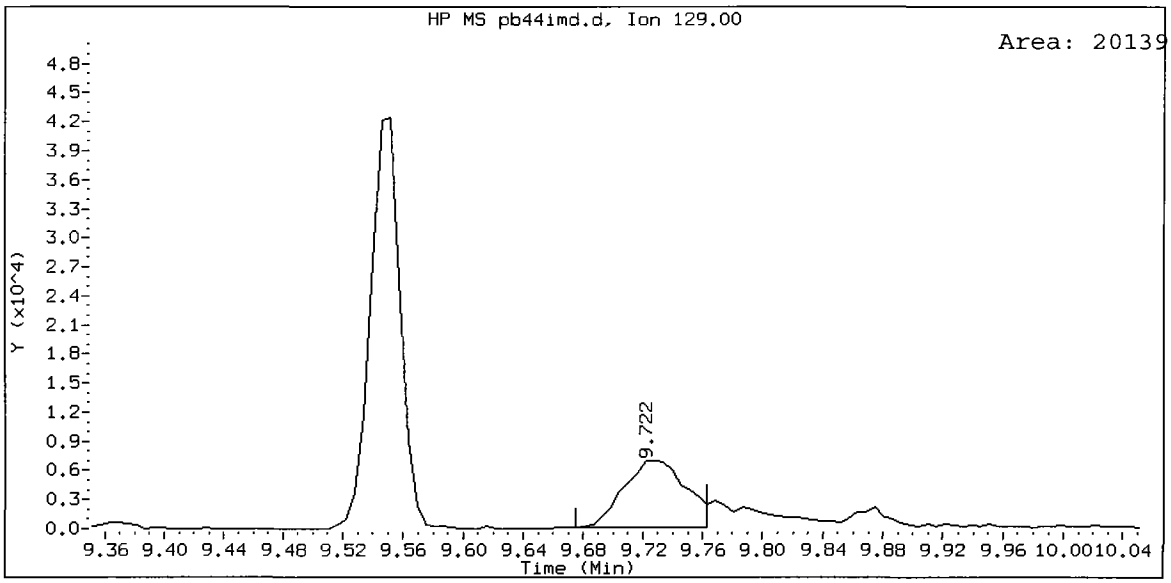
Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32



PB44IMSD, /chem3/nt4.i/20090616.b/pb44imd.d
4-Chloroaniline Amount: 6.81





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20090616.b/pb44sb.d
Lab Smp Id: PB44LCSS1 Client Smp ID: PB44LCSS1
Inj Date : 16-JUN-2009 14:14
Operator : LJR/VTS Inst ID: nt4.i
Smp Info : PB44LCSS1
Misc Info : 09-12795
Comment : 1ul Injection
Method : /chem3/nt4.i/20090616.b/SW846.m
Meth Date : 17-Jun-2009 10:11 jeff Quant Type: ISTD
Cal Date : 08-MAY-2009 15:22 Cal File: c800508.d
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
Target Version: 3.50

ENK 6/17/09

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.484	5.475	(0.735)	256713	21.1843	423.7
$	2 Phenol-d5	99	7.094	7.091	(0.951)	395305	23.9560	479.1
	3 Phenol	94	7.112	7.114	(0.954)	282154	14.9675	299.4
$	5 2-Chlorophenol-d4	132	7.165	7.167	(0.961)	245394	24.0789	481.6
	4 Bis(2-Chloroethyl)ether	93	7.153	7.155	(0.959)	205909	14.6631	293.3
	6 2-Chlorophenol	128	7.194	7.191	(0.965)	186791	16.0622	321.2
	7 1,3-Dichlorobenzene	146	7.394	7.396	(0.991)	181160	14.1280	282.6
*	8 1,4-Dichlorobenzene-d4	152	7.458	7.461	(1.000)	158160	20.0000	
	9 1,4-Dichlorobenzene	146	7.482	7.484	(1.003)	187464	14.5939	291.9
$	10 1,2-Dichlorobenzene-d4	152	7.752	7.761	(1.039)	109804	14.7577	295.2
	12 1,2-Dichlorobenzene	146	7.776	7.778	(1.043)	191313	15.8379	316.8
	11 Benzyl alcohol	108	7.776	7.778	(1.043)	281572	31.4055	628.1
	14 2,2'-oxybis(1-Chloropropane)	45	8.028	8.031	(1.076)	216676	12.8541	257.1
	13 2-Methylphenol	108	8.034	8.037	(1.077)	198165	16.2467	324.9
	17 Hexachloroethane	117	8.263	8.266	(1.108)	83446	14.9241	298.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	8.246	8.254	(1.106)	157253	14.2975	286.0
	15 4-Methylphenol	108	8.275	8.272	(1.109)	436112	34.3308	686.6
$	18 Nitrobenzene-d5	82	8.393	8.401	(0.883)	229942	14.0349	280.7
	19 Nitrobenzene	77	8.422	8.430	(0.886)	243005	14.8162	296.3
	20 Isophorone	82	8.822	8.824	(0.928)	460618	15.7848	315.7
	21 2-Nitrophenol	139	8.939	8.947	(0.941)	101452	15.4464	308.9
	22 2,4-Dimethylphenol	107	9.092	9.100	(0.957)	165995	11.7517	235.0
	23 Bis(2-Chloroethoxy)methane	93	9.227	9.235	(0.971)	250213	15.1557	303.1
	24 Benzoic acid	105	9.403	9.435	(0.989)	555201	52.8816	1058
	25 2,4-Dichlorophenol	162	9.339	9.347	(0.983)	163769	17.5007	350.0
	26 1,2,4-Trichlorobenzene	180	9.450	9.459	(0.994)	163980	15.4081	308.2
*	27 Naphthalene-d8	136	9.503	9.506	(1.000)	577361	20.0000	
	28 Naphthalene	128	9.532	9.535	(1.003)	519055	15.7967	315.9
	29 4-Chloroaniline	127	9.691	9.700	(1.020)	163340	12.0168	240.3
	30 Hexachlorobutadiene	225	9.861	9.864	(1.038)	89894	16.6981	334.0
	31 4-Chloro-3-methylphenol	107	10.537	10.540	(1.109)	218394	18.6638	373.3
	32 2-Methylnaphthalene	141	10.649	10.657	(1.121)	298120	16.2938	325.9
	33 Hexachlorocyclopentadiene	237	11.037	11.039	(0.894)	243685	38.1499	763.0
	34 2,4,6-Trichlorophenol	196	11.178	11.186	(0.906)	130097	18.1864	363.7
	35 2,4,5-Trichlorophenol	196	11.236	11.245	(0.910)	143167	18.9391	378.8
$	36 2-Fluorobiphenyl	172	11.301	11.309	(0.916)	388108	15.1079	302.2
	37 2-Chloronaphthalene	162	11.418	11.427	(0.925)	349489	16.2735	325.5
	38 2-Nitroaniline	65	11.671	11.674	(0.946)	155176	16.9996	340.0
	39 Dimethylphthalate	163	12.053	12.067	(0.977)	466529	19.3290	386.6
	40 Acenaphthylene	152	12.088	12.097	(0.980)	584110	16.4742	329.5
	41 2,6-Dinitrotoluene	165	12.141	12.150	(0.984)	104327	18.8207	376.4
*	42 Acenaphthene-d10	164	12.341	12.344	(1.000)	338909	20.0000	
	43 3-Nitroaniline	138	12.347	12.349	(1.000)	192362	34.4043	688.1
	44 Acenaphthene	153	12.394	12.396	(1.004)	362060	16.7961	335.9
	45 2,4-Dinitrophenol	184	12.517	12.520	(1.014)	238195	76.0123	1520
	46 Dibenzofuran	168	12.652	12.661	(1.025)	524390	17.3678	347.4
	47 4-Nitrophenol	109	12.699	12.714	(1.029)	96068	22.5549	451.1
	48 2,4-Dinitrotoluene	165	12.758	12.767	(1.034)	148919	20.1463	402.9
	50 Diethylphthalate	149	13.205	13.213	(1.070)	505925	20.1577	403.2
	49 Fluorene	166	13.205	13.207	(1.070)	466659	19.6174	392.3
	51 4-Chlorophenyl-phenylether	204	13.246	13.248	(1.073)	208282	18.5039	370.1
	52 4-Nitroaniline	138	13.328	13.348	(1.080)	88770	15.1529	303.1
	53 4,6-Dinitro-2-methylphenol	198	13.410	13.425	(0.913)	314918	69.5174	1390
	54 N-Nitrosodiphenylamine	169	13.457	13.466	(0.916)	317400	17.7288	354.6
$	55 2,4,6-Tribromophenol	330	13.628	13.636	(1.104)	95598	30.5331	610.7
	56 4-Bromophenyl-phenylether	248	14.015	14.024	(0.954)	120345	18.9011	378.0
	57 Hexachlorobenzene	284	14.221	14.230	(0.968)	127346	19.2632	385.3
	58 Pentachlorophenol	266	14.527	14.535	(0.989)	76890	18.2867	365.7
*	59 Phenanthrene-d10	188	14.691	14.694	(1.000)	551244	20.0000	
	60 Phenanthrene	178	14.726	14.735	(1.002)	696437	19.7959	395.9
	61 Anthracene	178	14.797	14.805	(1.007)	662147	18.5414	370.8
	62 Carbazole	167	15.097	15.105	(1.028)	643021	21.2781	425.6

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	15.843	15.845	(1.078)	842871	21.5981	432.0
64	Fluoranthene	202	16.642	16.650	(1.133)	767444	21.9985	440.0
65	Pyrene	202	16.988	16.997	(0.896)	774220	19.1428	382.9
$ 66	Terphenyl-d14	244	17.329	17.338	(0.914)	455493	18.8711	377.4
67	Butylbenzylphthalate	149	18.228	18.242	(0.961)	374928	19.9289	398.6
68	Benzo(a)anthracene	228	18.939	18.948	(0.999)	650327	20.0553	401.1
* 69	Chrysene-d12	240	18.963	18.977	(1.000)	469760	20.0000	
70	3,3'-Dichlorobenzidine	252	18.974	18.977	(1.001)	314613	28.6770	573.5
71	Chrysene	228	19.004	19.018	(1.002)	631982	19.9299	398.6
72	bis(2-Ethylhexyl)phthalate	149	19.245	19.247	(0.954)	485604	20.2995	406.0
* 134	Di-n-octylphthalate-d4	153	20.173	20.181	(1.000)	739663	20.0000	
73	Di-n-octylphthalate	149	20.185	20.187	(1.001)	798723	19.7401	394.8
74	Benzo(b)fluoranthene	252	20.578	20.593	(0.975)	632321	23.5577	471.2
75	Benzo(k)fluoranthene	252	20.614	20.628	(0.977)	633971	22.8240	456.5
76	Benzo(a)pyrene	252	21.013	21.027	(0.996)	486197	20.2647	405.3
* 77	Perylene-d12	264	21.095	21.110	(1.000)	384134	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	22.453	22.467	(1.064)	614119	20.3833	407.7
79	Dibenzo(a,h)anthracene	278	22.482	22.496	(1.066)	520503	21.1900	423.8
80	Benzo(g,h,i)perylene	276	22.788	22.802	(1.080)	505241	18.5573	371.1
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	7.018	7.020	(0.941)	194755	9.01163	180.2
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	10.819	10.822	(1.138)	311769	17.8295	356.6
111	Azobenzene (1,2-DP-Hydrazine)	77	13.493	13.501	(1.093)	563956	17.2437	344.9

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: pb44sb.d
Lab Smp Id: PB44LCSS1
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12795

Calibration Date: 16-JUN-2009
Calibration Time: 13:06
Client Smp ID: PB44LCSS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	180629	90314	361258	158160	-12.44
27 Naphthalene-d8	633172	316586	1266344	577361	-8.81
42 Acenaphthene-d10	336916	168458	673832	338909	0.59
59 Phenanthrene-d10	514258	257129	1028516	551244	7.19
69 Chrysene-d12	376875	188438	753750	469760	24.65
134 Di-n-octylphthala	640574	320287	1281148	739663	15.47
77 Perylene-d12	383864	191932	767728	384134	0.07

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.46	6.96	7.96	7.46	-0.03
27 Naphthalene-d8	9.51	9.01	10.01	9.50	-0.03
42 Acenaphthene-d10	12.34	11.84	12.84	12.34	-0.02
59 Phenanthrene-d10	14.69	14.19	15.19	14.69	-0.02
69 Chrysene-d12	18.98	18.48	19.48	18.96	-0.08
134 Di-n-octylphthala	20.18	19.68	20.68	20.17	-0.04
77 Perylene-d12	21.11	20.61	21.61	21.10	-0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44LCSS1
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDAMBLCS.sub
Method File: /chem3/nt4.i/20090616.b/SW846.m
Misc Info: 09-12795

Client SDG: PB44
Fraction: SV
Client Smp ID: PB44LCSS1
Operator: LJR/VTS
SampleType: LCS
Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	500.0	299.4	59.87	31-102
4 Bis(2-Chloroethyl)	500.0	293.3	58.65	30-100
6 2-Chlorophenol	500.0	321.2	64.25	36-100
7 1,3-Dichlorobenzen	500.0	282.6	56.51	32-100
9 1,4-Dichlorobenzen	500.0	291.9	58.38	33-100
11 Benzyl alcohol	1000	628.1	62.81	10-100
12 1,2-Dichlorobenzen	500.0	316.8	63.35	34-100
13 2-Methylphenol	500.0	324.9	64.99	34-100
14 2,2'-oxybis(1-Chlo	500.0	257.1	51.42	29-100
15 4-Methylphenol	1000	686.6	68.66	39-100
16 N-Nitroso-di-n-pro	500.0	286.0	57.19	32-100
17 Hexachloroethane	500.0	298.5	59.70	29-100
19 Nitrobenzene	500.0	296.3	59.26	28-100
20 Isophorone	500.0	315.7	63.14	46-100
21 2-Nitrophenol	500.0	308.9	61.79	37-100
22 2,4-Dimethylphenol	500.0	235.0	OK 47.01	19-100
23 Bis(2-Chloroethoxy	500.0	303.1	60.62	38-100
24 Benzoic acid	1500	1058	70.51	21-123
25 2,4-Dichlorophenol	500.0	350.0	70.00	39-100
26 1,2,4-Trichloroben	500.0	308.2	61.63	36-100
28 Naphthalene	500.0	315.9	63.19	37-100
29 4-Chloroaniline	1200	240.3	20.03	10-100
30 Hexachlorobutadien	500.0	334.0	66.79	33-100
31 4-Chloro-3-methylp	500.0	373.3	74.66	42-102
32 2-Methylnaphthalen	500.0	325.9	65.18	41-100
33 Hexachlorocyclopen	1500	763.0	50.87	15-104
34 2,4,6-Trichlorophe	500.0	363.7	72.75	42-100
35 2,4,5-Trichlorophe	500.0	378.8	75.76	43-100
37 2-Chloronaphthalen	500.0	325.5	65.09	36-100
38 2-Nitroaniline	500.0	340.0	68.00	41-100
39 Dimethylphthalate	500.0	386.6	77.32	48-100
40 Acenaphthylene	500.0	329.5	65.90	42-100
41 2,6-Dinitrotoluene	500.0	376.4	75.28	44-106

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
43 3-Nitroaniline	1280	688.1	53.76	15-108
44 Acenaphthene	500.0	335.9	67.18	38-100
45 2,4-Dinitrophenol	1500	1520	101.35	20-140
46 Dibenzofuran	500.0	347.4	69.47	45-100
47 4-Nitrophenol	500.0	451.1	90.22	21-108
48 2,4-Dinitrotoluene	500.0	402.9	80.59	48-111
49 Fluorene	500.0	392.3	78.47	45-100
50 Diethylphthalate	500.0	403.2	80.63	48-102
51 4-Chlorophenyl-phe	500.0	370.1	74.02	45-100
52 4-Nitroaniline	500.0	303.1	60.61	25-100
53 4,6-Dinitro-2-meth	1500	1390	92.69	23-115
54 N-Nitrosodiphenyla	500.0	354.6	70.92	50-128
56 4-Bromophenyl-phen	500.0	378.0	75.60	45-100
57 Hexachlorobenzene	500.0	385.3	77.05	44-101
58 Pentachlorophenol	500.0	365.7	73.15	35-105
60 Phenanthrene	500.0	395.9	79.18	45-100
61 Anthracene	500.0	370.8	OK 74.17	43-100
62 Carbazole	500.0	425.6	85.11	51-106
63 Di-n-butylphthalat	500.0	432.0	86.39	51-109
64 Fluoranthene	500.0	440.0	87.99	52-107
65 Pyrene	500.0	382.9	76.57	41-113
67 Butylbenzylphthala	500.0	398.6	79.72	40-118
68 Benzo(a)anthracene	500.0	401.1	80.22	44-106
70 3,3'-Dichlorobenzi	1280	573.5	44.81	10-100
71 Chrysene	500.0	398.6	79.72	48-102
72 bis(2-Ethylhexyl)p	500.0	406.0	81.20	38-125
73 Di-n-octylphthalat	500.0	394.8	78.96	29-116
74 Benzo(b)fluoranthe	500.0	471.2	94.23	49-112
75 Benzo(k)fluoranthe	500.0	456.5	91.30	48-116
76 Benzo(a)pyrene	500.0	405.3	81.06	41-100
78 Indeno(1,2,3-cd)py	500.0	407.7	81.53	29-117
79 Dibenzo(a,h)anthra	500.0	423.8	84.76	34-117
80 Benzo(g,h,i)peryle	500.0	371.1	74.23	24-122
91 Aniline	1220	180.2	14.77	10-100
111 Azobenzene (1,2-DP	500.0	344.9	68.97	44-101
90 N-Nitrosodimethyl	500.0	0.000	(*)	25-100
105 1-methylnaphthalen	500.0	356.6	71.32	40-100
103 Pyridine	500.0	0.000	(*)	10-100

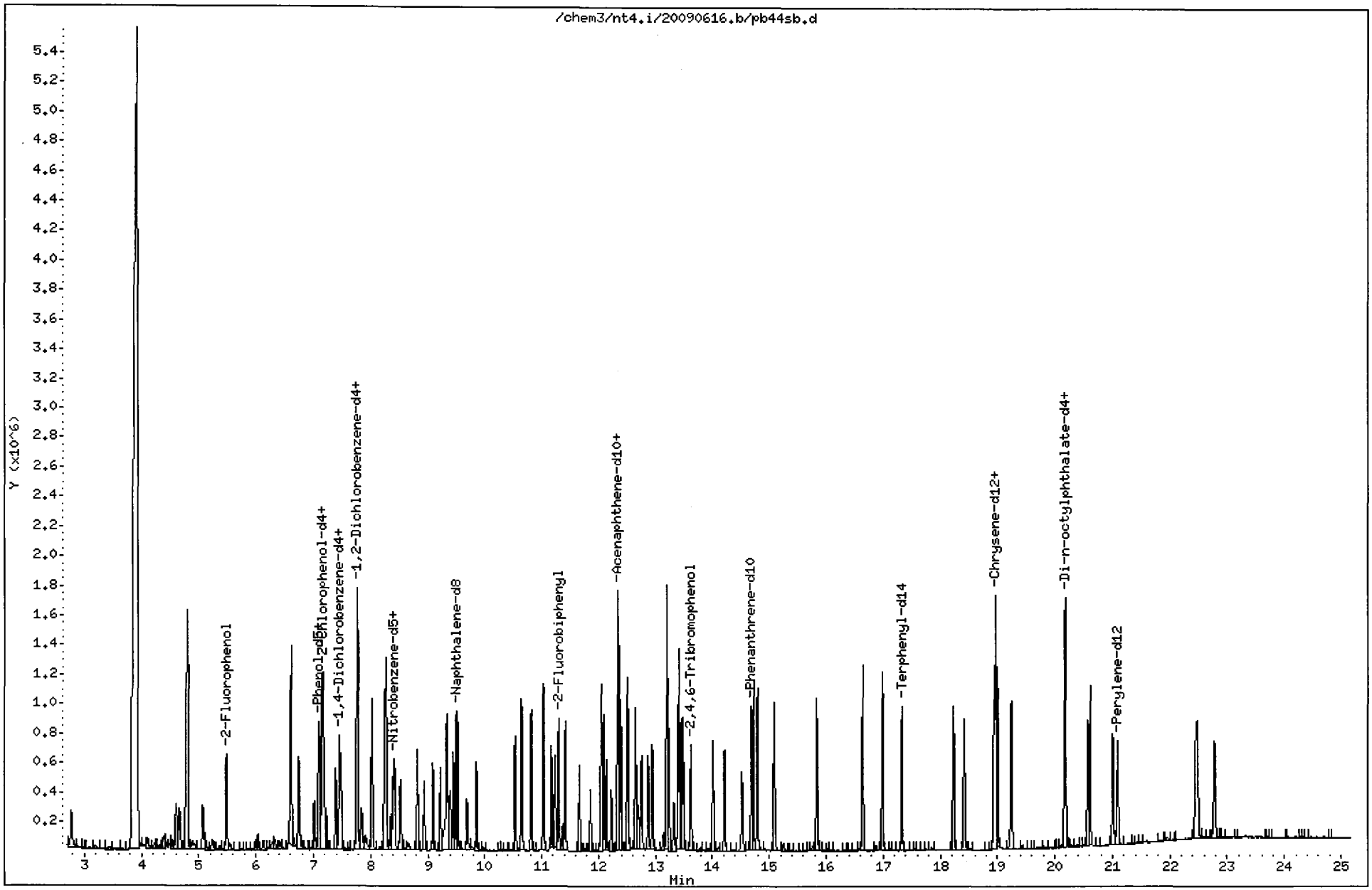
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	423.7	56.49	26-100
$ 2 Phenol-d5	750.0	479.1	63.88	10-100

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 5 2-Chlorophenol-d4	750.0	481.6	64.21	39-100
$ 10 1,2-Dichlorobenzen	500.0	295.2	59.03	32-100
$ 18 Nitrobenzene-d5	500.0	280.7	56.14	34-100
$ 36 2-Fluorobiphenyl	500.0	302.2	60.43	39-100
$ 55 2,4,6-Tribromophen	750.0	610.7	81.42	43-108
$ 66 Terphenyl-d14	500.0	377.4	75.48	39-105

Data File: /chem3/nt4.i/20090616.b/pb44sb.d
Date : 16-JUN-2009 14:14
Client ID: PB44LCSS1
Sample Info: PB44LCSS1
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i

Operator: LJR/VTS
Column diameter: 0.32



PB44:00552

Semivolatile Analysis
Extraction Bench Sheets/Run Logs

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet

8270 BAN PSDDA–Soil/Sediment Sonication (3550B) SOP # 374S

Preparation Test BAN # 6 PSDDA

ARI Job No(s) PB44 Batch set up by: ~~SH~~

Bottle #	Extraction Requirements	Verify Client ID	Volume Extracted	KD	Turbo Vap 1 2 3	GPC Prep Filter (1:1)	~~(Req)~~ ~~(Opt)~~ GPC (1:1) (1) or 2 (Y) / N	Post GPC KD	Turbo Vap (1) 2 3	Final Effective Volume	Volume to Lab	Comments
	PB44 MBS	Date	25g							0.5mL	0.5mL	(Use 5g Pre-Deactivated Sodium Sulfate for Blanks)
p	SBS											
	~~SBS Dup.~~											
4	PB44 A	verified	31.46									
	B		33.71									
	C		34.17									
	D		25.64			GOX						
	E		35.45			GOX						
	F		31.93									
	G		32.34									
	H		29.09									
	I		30.29									
x	Ims		30.70									
y	Imsd		30.19									
	J		33.33			GOX						
	K		50.50									
	L		50.34									
	M		55.34			GOX						
	N		49.09			GOX						12795
5	O		40.65									
Analyst/Date:	NTC 6/10/09			RR 6/11/09	JH 6/11/09			RR 6/12/09	W 6/12/09	W 6/12/09	W 6/12/09	

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Surrogate	A2	125µL	2/18/10	NTC	W 6/10/09
Full List Spike	7	125µL	2/01/10	NTC	W 6/10/09
Base Spike	12	125µL	2/05/10	NTC	W 6/12/09
Acid Spike	10	125µL	1/21/09	NTC	W 6/12/09
Extraction Time: 12:20					

SPECIAL INSTRUCTIONS: 1. Weigh soil/sed into 600mL or 400mL beakers. 2. Use 5g Pre-Deactivated Sodium Sulfate for Blanks. 3. Add surr/spike. 4. Add 1:1 DCM/Acetone. 5. Dry using neutral Sodium Sulfate-25g Max at first-A small amt of Additional sulfate may be needed after 10 min. or before 2nd sonication? 6. Sonicate 2X with 1:1 DCM/Acetone + 1X DCM only. 7. Collect into 500mL flask + Lg funnel with a small amount of pre-deactivated glasswool only. NO SODIUM SULFATE. 8. KD (Normal Drying Column with pre-deactivated glasswool plug+neutral Sodium Sulfate at 85-90°). (Blanks=only 5g Sodium Sulfate). 9. TurboVap. 10. GPC ~~Optional~~ Required (1:1) 11. KD (if GPC=No drying column) on 80°. 12. TurboVap. 13. Vial in DCM.
A. Need Total Solids Y (N) B. Archive/Freeze Y (N)

PB44 : 00564

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: PB44 Client ID: Environmental Science Corp

Parameter: BAN PSDDA Client Project: Jeld-Wen Nord Door

SOP Number(s): 3745 No Anomalies:

List problems, concerns, corrective actions and any other pertinent information
GCMS analyst, reduced extraction weights for Samples D, E, F and J, based on Sample pre-screens. ~~DF~~ 6/9/09
Samples A-Ims - on last extract (3 of 3) accidently used 1:1 DCM/Acetone instead of DCM only. MR 6/10/09

Analyst Initials:		Date:	

3056F

Revision 006
1/12/07

Analytical Resources Inc.: Organics Instrument Log
NT-4 Serial No.: GC = US00010849; MS = US72821113

Date: 5/8/09 Analysis: BANs Analyst: LJK

GC Program: ABN Column No: 167636 Column Type: ZB-5 MS.

Instrument Tune (.U or .CT.): 090430 EM Voltage: 1294

Calibration File: 0250508 Curve Date: 5/8/09

IS/SS	Ical/Ccal	LCS/ICV
1564-2	1550-1,2	1507-1
	1551-1	1508-1
	1552-1	1509-1
	1553-1	1510-1
	1558-3	
	1598-1	

	Time	Filename	LabID	ClientId	DF											
1	1156	0250508.d	ABN 25	ABN 25	1	8.48	180629	10.52	633172	13.40	336916	15.79	514258	20.12	376875	22.29	383864	21.22	640574
2	1231	0800508.d	ABN 80	ABN 80	1	8.48	189525	10.53	671940	13.41	351788	15.79	543786	20.13	402300	22.29	444935	21.23	676356
3	1305	0010508.d	ABN 1	ABN 1	1	8.47	193809	10.52	672649	13.39	355781	15.78	540272	20.12	399096	22.28	407093	21.22	660722
4	1339	0400508.d	ABN 40	ABN 40	1	8.48	177445	10.52	613574	13.40	324337	15.78	509214	20.12	376832	22.29	385934	21.23	633058
5	1413	0050508.d	ABN 5	ABN 5	1	8.47	158957	10.52	542293	13.39	285852	15.78	442997	20.11	327632	22.28	326401	21.22	537562
6	1448	0100508.d	ABN 10	ABN 10	1	8.48	182849	10.52	646620	13.39	342448	15.78	530886	20.12	398786	22.28	398544	21.22	659218
7	1522	c800508.d	CARB 80	CARB 80	1	15.78	542152												
8	1556	icv0508.d	ABN ICV	ABN ICV	1	8.48	147371	10.52	512023	13.39	271558	15.78	419650	20.12	312018	22.28	314268	21.22	518955
9	1637	ox69mb.d	OX69MBW1	OX69MBW1	1	8.47	188831	10.52	673751	13.39	359999	15.78	556186	20.12	417966	21.22	689160	22.28	428888
10	1711	ox69sb.d	OX69LCSW1	OX69LCSW1	1	8.47	163268	10.52	571972	13.39	304076	15.78	481468	20.12	355295	21.22	600810	22.29	362613
11	1745	ox69d.d	OX69D	18A-C-05052009	1	8.47	167206	10.52	581397	13.39	302364	15.78	455254	20.11	380587	21.22	692561	22.29	439840
12	1819	ox69e.d	OX69E	150/151-C-05052009	1	8.47	179065	10.52	615815	13.39	318066	15.78	479551	20.12	409315	21.22	744509	22.29	471857
13	1853	ox69f.d	OX69F	152-C-05052009	1	8.47	171296	10.52	585464	13.39	303206	15.78	446389	20.12	378262	21.22	685358	22.28	453441

LJK 5/11/09

Maintenance / Comments New column. New liner + wool. Cleaned inlet body and seal.

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): ccof0250508

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: NT4 Curve Client ID: ARI

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) (**804S**(8270D)

Parameter(s): BANs

Instrument: NT-1 NT-2 (NT-4) NT-6 NT-8

Curve Date: 5/8/09 Analysis Start Date: ~~—~~

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	~~YES / NO~~
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	~~YES / NO~~
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	(YES) / NO
ICal Meets RF & %RSD Criteria?	YES / (NO)	Surrogate Recovery In Control?	~~YES / NO~~
CCal Meets RF & %RSD Criteria?	~~YES / NO~~	Special Analysis Criteria Met?	(YES) / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary): - 3- Nitroaniline's RSD > 20%. Data should be qualified. (21.3%)
- Carbaryl 80 point run separately due to volume constraints.

LJK
5/11/09

Additional Details on Reverse: Yes / (No)

Analyst Signature: [signature] **Date:** 5/11/09

Reviewer's Signature: [signature] **Date:** 5/12/09

Analytical Resources Inc.: Organics Instrument Log

NT-4 Serial No.: GC = US00010849; MS = US72821113

Date: 6/16/09 Analysis: BANs Analyst: LTK

GC Program: ABN Column No: 167636 Column Type: ZB-5 MS

Instrument Tune (U or .CT.): 090430 EM Voltage: 1300

Calibration File: cc0616 Curve Date: 5/8/09

IS/SS	Ical/Ccal	LCS/ICV
1564-2	1550-1,2	
	1551-1	
	1552-1	
	1553-1	

	Time	Filename	LabID	ClientId	DF													
1	1306	cc0616.d	ABN 25		1	7.46	220452	9.51	805258	12.34	468570	14.69	776038	18.98	642748	21.11	573086	20.18	1025012
2	1340	pb44mb.d	PB44MBS1	PB44MBS1	1	7.45	157312	9.50	575754	12.34	326607	14.69	548378	18.96	439813	20.17	689064	21.09	372096
3	1414	pb44sb.d	PB44LCSS1	PB44LCSS1	1	7.46	158160	9.50	577361	12.34	338909	14.69	551244	18.96	469760	20.17	739663	21.10	384134
4	1449	pb44a.d	PB44A	3SED4-A	1	7.47	156579	9.50	575702	12.34	329687	14.69	538139	18.96	441523	20.18	767673	21.11	461590
5	1523	pb44b.d	PB44B	3SED4-B	1	7.47	160340	9.50	589780	12.34	337370	14.69	558262	18.98	476287	20.19	800726	21.13	500587
6	1557	pb44c.d	PB44C	3SED4-C	1	7.47	162840	9.51	601338	12.35	365710	14.70	565675	18.99	483140	20.20	822232	21.14	507338
7	1632	pb44d.d	PB44D	3SED3-A	3	7.47	195907	9.51	711877	12.35	407015	14.70	638267	18.99	591356	20.21	967918	21.16	625547
8	1706	pb44e.d	PB44E	3SED3-B	3	7.48	201799	9.52	723417	12.36	425203	14.71	647936	19.00	602611	20.21	984369	21.16	619429
9	1741	pb44f.d	PB44F	3SED3-C	3	7.48	199378	9.52	713739	12.36	412447	14.72	665211	19.00	589721	20.21	974410	21.17	619061
10	1815	pb44g.d	PB44G	3SED6-A	1	7.48	155064	9.52	569916	12.36	325451	14.72	515204	19.00	439910	20.20	761968	21.15	458337
11	1849	pb44h.d	PB44H	3SED6-B	1	7.48	166863	9.52	604367	12.36	355353	14.72	584036	18.99	455621	20.20	786063	21.14	479923
12	1924	pb44i.d	PB44I	3SED6-C	1	7.48	187807	9.52	687397	12.36	397847	14.71	664382	19.00	524476	20.20	896304	21.14	551035
13	1958	pb44ims.d	PB44IMS	3SED6-C MS	1	7.48	161684	9.52	581110	12.36	349005	14.72	566306	19.00	489493	20.20	793981	21.15	471962
14	2033	pb44imd.d	PB44IMSD	3SED6-C MSD	1	7.48	158319	9.52	565461	12.37	342036	14.72	558324	19.00	477236	20.20	759264	21.14	456055
15	2108	pb44j.d	PB44J	3SED7-A	3	7.48	184471	9.51	633674	12.36	374900	14.71	650803	19.00	561693	20.21	953244	21.16	597177
16	2143	pb44k.d	PB44K	3SED7-B	1	7.48	177960	9.52	650344	12.36	378005	14.72	650814	19.02	601142	20.22	935029	21.18	604278
17	2218	pb44l.d	PB44L	3SED7-C	1	7.48	175688	9.52	626001	12.37	365014	14.72	626641	19.02	590615	20.23	921699	21.18	599895
18	2253	pb44m.d	PB44M	3SED9-A	1	7.49	173118	9.53	613883	12.38	366830	14.75	662060	19.05	606950	20.26	822221	21.22	592422
19	2328	pb44n.d	PB44N	3SED9-B	3	7.49	175499	9.53	607246	12.37	372315	14.73	617810	19.03	576606	20.22	943907	21.19	610700
20	0003	pb44o.d	PB44O	3SED9-C	1	7.49	140255	9.53	497608	12.37	300426	14.73	545515	19.03	495279	20.23	798791	21.20	511262

LTK 6/17/09

Maintenance / Comments New liner + wool. Clipped column. Cleaned inlet body and seal.

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): cc0616

Logs must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: ~~PB44~~ Client ID: ESC

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) (**804S**(8270D)

Parameter(s): BANs

Instrument: NT-1 NT-2 (NT-4) NT-6 NT-8

Curve Date: 5/8/09 Analysis Start Date: 6/16/09

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	(YES) / NO
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	(YES) / NO
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	(YES) / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	(YES) / NO
CCal Meets RF & %RSD Criteria?	(YES) / NO	Special Analysis Criteria Met?	(YES) / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

LDK 6/17/09

Additional Details on Reverse: Yes (No)

Analyst Signature: [signature] **Date:** 6/17/09

Reviewer's Signature: [signature] **Date:** 6/18/09

SIM Semivolatile Analysis
QC Summary Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SIM SW8270 SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	FBP	PHL	FPH	CPL	DCB	NBZ	TBP	TER	TOT OU
3SED4-A	83.6%	71.5%	69.9%	78.4%	66.4%	70.8%	94.7%	98.8%	0
3SED4-B	85.6%	73.3%	70.1%	79.2%	66.8%	70.8%	92.8%	102%	0
3SED4-C	82.4%	71.5%	67.2%	76.3%	65.2%	68.4%	91.5%	104%	0
3SED3-A	82.8%	74.4%	69.9%	77.9%	63.6%	72.4%	108%	149%	0
3SED3-A DL	87.6%	76.0%	78.4%	80.8%	69.6%	80.4%	94.4%	121%	0
3SED3-B	82.8%	75.2%	73.6%	97.1%	66.0%	75.2%	98.7%	148%	0
3SED3-B DL	82.8%	71.2%	72.0%	76.8%	61.2%	73.2%	94.4%	113%	0
3SED3-C	56.0%	55.2%	53.3%	59.5%	48.8%	55.2%	69.9%	111%	0
3SED3-C DL	61.2%	51.2%	52.8%	64.0%	46.8%	54.0%	63.2%	85.2%	0
3SED6-A	80.8%	73.3%	73.6%	92.0%	70.8%	73.6%	91.7%	161%*	1
3SED6-A DL	76.8%	70.4%	72.0%	84.8%	67.2%	72.0%	95.2%	131%	0
MB-060909	63.2%	57.1%	55.7%	66.1%	56.4%	60.8%	64.5%	88.0%	0
LCS-060909	76.0%	68.3%	66.4%	69.6%	68.0%	71.2%	91.2%	95.2%	0
3SED6-B	74.8%	67.5%	68.8%	84.5%	68.8%	68.4%	86.4%	144%	0
3SED6-B DL	76.8%	67.2%	69.6%	81.6%	67.2%	68.4%	77.6%	120%	0
3SED6-B MS	79.6%	75.7%	72.8%	92.3%	70.0%	74.0%	105%	160%	0
3SED6-B MSD	74.4%	70.9%	71.5%	86.9%	69.2%	70.8%	88.8%	163%*	1
3SED6-C	82.0%	68.3%	70.7%	88.3%	68.4%	67.6%	89.6%	156%	0
3SED6-C DL	79.2%	70.4%	70.4%	85.6%	68.4%	73.2%	80.8%	126%	0
3SED7-A	81.2%	71.2%	69.6%	90.4%	62.4%	66.4%	103%	179%*	1
3SED7-A DL	79.2%	69.6%	68.0%	87.2%	58.8%	66.0%	96.0%	121%	0
3SED7-B	65.2%	67.7%	65.1%	86.7%	56.4%	76.4%	89.9%	150%	0
3SED7-B DL	69.6%	60.0%	64.0%	68.0%	54.0%	70.8%	80.0%	113%	0
3SED7-C	76.8%	75.7%	74.7%	97.1%	64.0%	82.8%	98.9%	170%*	1
3SED7-C DL	81.6%	70.4%	72.8%	76.8%	63.6%	78.0%	105%	119%	0
3SED9-A	82.4%	76.8%	73.1%	98.1%	56.8%	93.2%	98.9%	180%*	1
3SED9-A DL	79.2%	69.6%	68.8%	74.4%	54.0%	91.2%	92.0%	128%	0
3SED9-B	74.8%	73.1%	70.7%	95.7%	58.8%	80.0%	92.5%	169%*	1
3SED9-B DL	78.0%	68.8%	68.8%	73.6%	56.4%	74.4%	88.0%	125%	0
3SED9-C	80.8%	76.5%	74.9%	101%	69.2%	85.2%	98.7%	188%*	1
3SED9-C DL	81.6%	70.4%	68.8%	76.8%	63.6%	78.0%	92.0%	130%	0

	LCS/MB LIMITS	QC LIMITS
(FBP) = 2-Fluorobiphenyl	(30-160)	(30-160)
(PHL) = d5-Phenol	(30-160)	(30-160)
(FPH) = 2-Fluorophenol	(30-160)	(30-160)
(CPL) = d4-2-Chlorophenol	(30-160)	(30-160)
(DCB) = d4-1,2-Dichlorobenzene	(30-160)	(30-160)
(NBZ) = d5-Nitrobenzene	(30-160)	(30-160)
(TBP) = 2,4,6-Tribromophenol	(30-160)	(30-160)
(TER) = d14-p-Terphenyl	(30-160)	(30-160)

Prep Method: SW3550B
Log Number Range: 09-12787 to 09-12801

FORM-II SIM SW8270

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted MS/MSD: 06/09/09

Date Analyzed MS: 06/16/09 18:49
MSD: 06/16/09 19:24
Instrument/Analyst MS: NT2/PK
MSD: NT2/PK

Sample Amount MS: 16.7 g-dry-wt
MSD: 16.9 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL
Dilution Factor MS: 1.00
MSD: 1.00

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Dibenz(a,h)anthracene	< 5.9 U	186	150	124%	108	148	73.0%	53.1%
1,4-Dichlorobenzene	< 5.9 U	107	150	71.3%	107	148	72.3%	0.0%
1,2,4-Trichlorobenzene	< 5.9 U	127	150	84.7%	120	148	81.1%	5.7%
Hexachlorobenzene	< 5.9 U	156	150	104%	136	148	91.9%	13.7%
Hexachlorobutadiene	< 5.9 U	133	150	88.7%	127	148	85.8%	4.6%
Dimethylphthalate	< 14.8 U	229	150	153%	125	148	84.5%	58.8%
Butylbenzylphthalate	< 14.8 U	223	150	149%	209	148	141%	6.5%
2-Methylphenol	< 5.9 U	125	150	83.3%	127	148	85.8%	1.6%
2,4-Dimethylphenol	< 5.9 U	92.2	150	61.5%	100	148	67.6%	8.1%
N-Nitrosodiphenylamine	< 5.9 U	145	150	96.7%	121	148	81.8%	18.0%
Benzyl Alcohol	< 29.6 U	256	299	85.6%	182	296	61.5%	33.8%
Pentachlorophenol	< 29.6 U	116	150	77.3%	102	148	68.9%	12.8%
1,2-Dichlorobenzene	< 5.9 U	113	150	75.3%	111	148	75.0%	1.8%
1,3-Dichlorobenzene	< 5.9 U	105	150	70.0%	105	148	70.9%	0.0%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: LCS-060909**
Page 1 of 1 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-060909
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/09/09
Date Analyzed LCS: 06/17/09 13:48
Instrument/Analyst LCS: NT2/PK

Sample Amount LCS: 16.0 g-dry-wt
Final Extract Volume LCS: 1.0 mL
Dilution Factor LCS: 1.00

Analyte	LCS	Spike Added	Recovery
Dibenz(a,h)anthracene	211	156	135%
1,4-Dichlorobenzene	108	156	69.2%
1,2,4-Trichlorobenzene	123	156	78.8%
Hexachlorobenzene	137	156	87.8%
Hexachlorobutadiene	126	156	80.8%
Dimethylphthalate	130	156	83.3%
Butylbenzylphthalate	147	156	94.2%
2-Methylphenol	122	156	78.2%
2,4-Dimethylphenol	63.8	156	40.9%
N-Nitrosodiphenylamine	80.6	156	51.7%
Benzyl Alcohol	85.6	312	27.4%
Pentachlorophenol	115	156	73.7%
1,2-Dichlorobenzene	111	156	71.2%
1,3-Dichlorobenzene	133	156	85.3%

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	76.0%
d5-Phenol	68.3%
2-Fluorophenol	66.4%
d4-2-Chlorophenol	69.6%
d4-1,2-Dichlorobenzene	68.0%
d5-Nitrobenzene	71.2%
2,4,6-Tribromophenol	91.2%
d14-p-Terphenyl	95.2%

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

PB44MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Lab File ID: 061701 Date Extracted: 06/09/09

Instrument ID: NT2 Date Analyzed: 06/17/09

Matrix: SOLID Time Analyzed: 1314

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	3SED4-A	PB44A	061603	06/16/09
02	3SED4-B	PB44B	061604	06/16/09
03	3SED4-C	PB44C	061605	06/16/09
04	3SED3-A	PB44D	061606	06/16/09
05	3SED3-B	PB44E	061610	06/16/09
06	3SED3-C	PB44F	061611	06/16/09
07	3SED6-A	PB44G	061612	06/16/09
08	3SED6-B	PB44H	061613	06/16/09
09	3SED6-B MS	PB44HMS	061614	06/16/09
10	3SED6-B MSD	PB44HMSD	061615	06/16/09
11	3SED6-C	PB44I	061616	06/16/09
12	3SED7-A	PB44J	061617	06/16/09
13	3SED7-B	PB44K	061618	06/16/09
14	3SED7-C	PB44L	061619	06/16/09
15	3SED9-A	PB44M	061620	06/16/09
16	3SED9-B	PB44N	061621	06/16/09
17	3SED9-C	PB44O	061622	06/16/09
18	PB44LCSS1	PB44LCSS1	061702	06/17/09
19	3SED3-A	PB44D	061706	06/17/09
20	3SED3-B	PB44E	061707	06/17/09
21	3SED3-C	PB44F	061708	06/17/09
22	3SED6-A	PB44G	061709	06/17/09
23	3SED6-B	PB44H	061710	06/17/09
24	3SED6-C	PB44I	061713	06/17/09
25	3SED7-A	PB44J	061714	06/17/09
26	3SED7-B	PB44K	061715	06/17/09
27	3SED7-C	PB44L	061716	06/17/09
28	3SED9-A	PB44M	061717	06/17/09
29	3SED9-B	PB44N	061718	06/17/09
30	3SED9-C	PB44O	061719	06/17/09

COMMENTS:

FORM IV SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT2 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 05/11/09 DFTPP Injection Time: 1113

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	64.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	85.1
70	Less than 2.0% of mass 69	0.2 (0.2)1
127	25.0 - 75.0% of mass 198	60.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	24.6
365	Greater than 0.75% of mass 198	3.03
441	Present, but less than mass 443	10.8
442	40.0 - 110.0% of mass 198	74.9
443	15.0 - 24.0% of mass 442	14.7 (19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		ABN 2.5	IC051101	05/11/09	1217
02		ABN 10	IC051102	05/11/09	1250
03		ABN 0.1	IC051103	05/11/09	1323
04		ABN 5	IC051104	05/11/09	1357
05		ABN 0.5	IC051105	05/11/09	1432
06		ABN 1	IC051106	05/11/09	1506
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT2 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 06/16/09 DFTPP Injection Time: 1003

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	63.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	85.1
70	Less than 2.0% of mass 69	0.5 (0.6)1
127	25.0 - 75.0% of mass 198	63.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	27.5
365	Greater than 0.75% of mass 198	2.88
441	Present, but less than mass 443	11.9
442	40.0 - 110.0% of mass 198	77.3
443	15.0 - 24.0% of mass 442	14.2 (18.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		ABN 2.5	CC0616	06/16/09	1048
02	3SED4-A	PB44A	061603	06/16/09	1233
03	3SED4-B	PB44B	061604	06/16/09	1307
04	3SED4-C	PB44C	061605	06/16/09	1341
05	3SED3-A	PB44D	061606	06/16/09	1416
06	3SED3-B	PB44E	061610	06/16/09	1632
07	3SED3-C	PB44F	061611	06/16/09	1707
08	3SED6-A	PB44G	061612	06/16/09	1741
09	3SED6-B	PB44H	061613	06/16/09	1815
10	3SED6-B MS	PB44HMS	061614	06/16/09	1849
11	3SED6-B MSD	PB44HMSD	061615	06/16/09	1924
12	3SED6-C	PB44I	061616	06/16/09	1958
13	3SED7-A	PB44J	061617	06/16/09	2033
14	3SED7-B	PB44K	061618	06/16/09	2108
15	3SED7-C	PB44L	061619	06/16/09	2143
16	3SED9-A	PB44M	061620	06/16/09	2217
17	3SED9-B	PB44N	061621	06/16/09	2252
18	3SED9-C	PB44O	061622	06/16/09	2327
19					
20					
21					
22					

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

Instrument ID: NT2 Project: JELD-WEN NORD DOOR

DFTPP Injection Date: 06/17/09 DFTPP Injection Time: 1021

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	56.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	74.5
70	Less than 2.0% of mass 69	0.4 (0.5)1
127	25.0 - 75.0% of mass 198	54.9
197	Less than 1.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	24.9
365	Greater than 0.75% of mass 198	3.30
441	Present, but less than mass 443	11.9
442	40.0 - 110.0% of mass 198	72.0
443	15.0 - 24.0% of mass 442	13.2 (18.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		ABN 2.5	CC0617	06/17/09	1211
02	PB44MBS1	PB44MBS1	061701	06/17/09	1314
03	PB44LCSS1	PB44LCSS1	061702	06/17/09	1348
04	3SED3-A	PB44D	061706	06/17/09	1606
05	3SED3-B	PB44E	061707	06/17/09	1640
06	3SED3-C	PB44F	061708	06/17/09	1714
07	3SED6-A	PB44G	061709	06/17/09	1748
08	3SED6-B	PB44H	061710	06/17/09	1823
09	3SED6-C	PB44I	061713	06/17/09	2006
10	3SED7-A	PB44J	061714	06/17/09	2040
11	3SED7-B	PB44K	061715	06/17/09	2115
12	3SED7-C	PB44L	061716	06/17/09	2149
13	3SED9-A	PB44M	061717	06/17/09	2223
14	3SED9-B	PB44N	061718	06/17/09	2258
15	3SED9-C	PB44O	061719	06/17/09	2332
16					
17					
18					
19					
20					
21					
22					

FORM V SV

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: IC051101 Ical Date: 05/11/09

Instrument ID: NT2 Cont. Cal Date: 06/16/09

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	ICAL MIDPT	119785	7.88	372217	9.88	182713	12.72
	UPPER LIMIT	239570	8.38	744434	10.38	365426	13.22
	LOWER LIMIT	59892	7.38	186108	9.38	91356	12.22
	Sample ID						
00	CC0616	132014	7.37	417153	9.34	190197	12.17
01	3SED4-A	132671	7.37	405979	9.34	184301	12.18
02	3SED4-B	134035	7.37	419683	9.34	187552	12.17
03	3SED4-C	132869	7.37	407038	9.34	188968	12.17
04	3SED3-A	133886	7.37	397860	9.34	190700	12.18
05	3SED3-B	131151	7.37	392504	9.34	195985	12.18
06	3SED3-C	129841	7.37	384314	9.34	200024	12.18
07	3SED6-A	130455	7.37	378052	9.34	190367	12.18
08	3SED6-B	132245	7.37	393967	9.34	194225	12.18
09	3SED6-B MS	128688	7.37	382549	9.34	192373	12.18
10	3SED6-B MSD	132592	7.37	394676	9.34	198108	12.18
11	3SED6-C	128888	7.37	384179	9.34	185726	12.18
12	3SED7-A	126600	7.37	377931	9.34	196597	12.18
13	3SED7-B	131209	7.38	385005	9.34	204975	12.18
14	3SED7-C	130418	7.38	373078	9.34	196735	12.18
15	3SED9-A	129231	7.39	370298	9.34	196390	12.18
16	3SED9-B	131886	7.38	380860	9.34	205646	12.18
17	3SED9-C	127793	7.39	372232	9.34	196264	12.18
18							
19							
20							
21							
22							

IS1 = 1,4-Dichlorobenzene-d4
IS2 = Naphthalene-d8
IS3 = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-1

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: 061622 Ical Date: 05/11/09

Instrument ID: NT2 Cont. Cal Date: 06/16/09

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	ICAL MIDPT	286879		15.09		251912		19.41		231524		21.58	
	UPPER LIMIT	573758		15.59		503824		19.91		463048		22.08	
	LOWER LIMIT	143440		14.59		125956		18.91		115762		21.08	
	Sample ID												
00	CC0616	313552		14.53		261538		18.81		222745		20.95	
01	3SED4-A	285677		14.53		213557		18.81		161216		20.97	
02	3SED4-B	312857		14.53		218519		18.81		151844		20.97	
03	3SED4-C	321516		14.53		213259		18.81		147003		20.97	
04	3SED3-A	281748		14.53		145111		18.83		64764	*	21.01	
05	3SED3-B	318567		14.53		149953		18.83		60332	*	20.98	
06	3SED3-C	315754		14.53		134175		18.83		55840	*	21.00	
07	3SED6-A	326508		14.53		135267		18.81		49698	*	20.97	
08	3SED6-B	321600		14.53		147484		18.81		63854	*	20.97	
09	3SED6-B MS	298036		14.53		140198		18.83		50095	*	20.97	
10	3SED6-B MSD	337595		14.53		143248		18.81		51536	*	20.95	
11	3SED6-C	329140		14.53		144291		18.81		59775	*	20.97	
12	3SED7-A	309459		14.53		114085	*	18.83		43257	*	20.98	
13	3SED7-B	325170		14.53		126528		18.83		51970	*	20.97	
14	3SED7-C	329315		14.53		123234	*	18.83		48937	*	20.98	
15	3SED9-A	365043		14.54		125684	*	18.84		46320	*	21.00	
16	3SED9-B	368840		14.54		133592		18.84		60424	*	21.00	
17	3SED9-C	353512		14.54		120976	*	18.84		46375	*	21.00	
18													
19													
20													
21													
22													

IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-2

8B
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: IC051101 Ical Date: 05/11/09

Instrument ID: NT2 Cont. Cal Date: 06/17/09

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	ICAL MIDPT	119785	7.88	372217	9.88	182713	12.72
	UPPER LIMIT	239570	8.38	744434	10.38	365426	13.22
	LOWER LIMIT	59892	7.38	186108	9.38	91356	12.22
	Sample ID						
00	CC0617	144666	7.28	422864	9.26	214881	12.08
01	PB44MBS1	184235	7.27	541859	9.24	264587	12.08
02	PB44LCSS1	166797	7.27	488662	9.24	238808	12.08
03	3SED3-A	137211	7.28	391139	9.26	202060	12.08
04	3SED3-B	146253	7.28	426365	9.26	213637	12.08
05	3SED3-C	146021	7.28	411327	9.26	203735	12.08
06	3SED6-A	141328	7.28	414691	9.26	201761	12.08
07	3SED6-B	139868	7.28	404812	9.26	204255	12.08
08	3SED6-C	136104	7.28	381115	9.24	206451	12.08
09	3SED7-A	135453	7.29	383956	9.26	205886	12.08
10	3SED7-B	142631	7.28	389656	9.26	210139	12.08
11	3SED7-C	128363	7.28	356219	9.26	191719	12.08
12	3SED9-A	135215	7.28	378986	9.26	202688	12.08
13	3SED9-B	134843	7.28	375726	9.26	200581	12.08
14	3SED9-C	134674	7.28	382514	9.26	198392	12.08
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = 1,4-Dichlorobenzene-d4
IS2 = Naphthalene-d8
IS3 = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-1

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Ical Midpoint ID: 061719 Ical Date: 05/11/09

Instrument ID: NT2 Cont. Cal Date: 06/17/09

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	ICAL MIDPT	286879		15.09		251912		19.41		231524		21.58	
	UPPER LIMIT	573758		15.59		503824		19.91		463048		22.08	
	LOWER LIMIT	143440		14.59		125956		18.91		115762		21.08	
	Sample ID												
00	CC0617	351672		14.45		299528		18.73		236527		20.87	
01	PB44MBS1	442822		14.44		343623		18.73		166639		20.88	
02	PB44LCSS1	380696		14.44		324446		18.73		164961		20.87	
03	3SED3-A	341538		14.45		212470		18.75		93765	*	20.93	
04	3SED3-B	364447		14.44		220857		18.74		95272	*	20.90	
05	3SED3-C	367162		14.44		209470		18.75		90389	*	20.90	
06	3SED6-A	365506		14.44		218886		18.73		85770	*	20.88	
07	3SED6-B	375200		14.44		238684		18.73		92093	*	20.88	
08	3SED6-C	360558		14.45		231055		18.73		93135	*	20.87	
09	3SED7-A	328344		14.44		198961		18.73		75424	*	20.90	
10	3SED7-B	353004		14.44		196718		18.73		81941	*	20.88	
11	3SED7-C	334358		14.44		188215		18.73		73711	*	20.88	
12	3SED9-A	378832		14.45		196739		18.74		75001	*	20.90	
13	3SED9-B	372358		14.45		193571		18.74		74798	*	20.90	
14	3SED9-C	364301		14.45		193652		18.73		74406	*	20.90	
15													
16													
17													
18													
19													
20													
21													
22													

IS4 = Phenanthrene-d10
IS5 = Chrysene-d12
IS6 = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area from Ical midpoint
AREA LOWER LIMIT = - 50% of internal standard area from Ical midpoint
RT UPPER LIMIT = + 0.50 minutes of internal standard RT from Cont. Cal
RT LOWER LIMIT = - 0.50 minutes of internal standard RT from Cont. Cal

* Values outside of QC limits.

FORM VIII SV-2

SIM Semivolatile Analysis
Sample Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED4-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 12:33
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 17.1%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	83.6%	d5-Phenol	71.5%
2-Fluorophenol	69.9%	d4-2-Chlorophenol	78.4%
d4-1,2-Dichlorobenzene	66.4%	d5-Nitrobenzene	70.8%
2,4,6-Tribromophenol	94.7%	d14-p-Terphenyl	98.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061603.d
Lab Smp Id: PB44A Client Smp ID: 3SED4-A
Inj Date : 16-JUN-2009 12:33
Operator : VTS Inst ID: nt2.i
Smp Info : PB44A
Misc Info : 09-12787
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	20.30000	Weight of sample extracted (g)
M	17.10000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.567	5.527	(0.756)	207380	2.61633	155.5
$	2 Phenol-d5	99	6.996	6.961	(0.950)	281223	2.67944	159.2
	3 Phenol	94	7.019	6.972	(0.953)	26863	0.19191	11.40
$	5 2-Chlorophenol-d4	132	7.089	7.076	(0.962)	207297	2.93900	174.6
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.368	7.368	(1.000)	132671	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.644	7.645	(1.038)	83557	1.65773	98.51
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.250	8.250	(0.883)	195513	1.77408	105.4
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.343	9.343	(1.000)	405979	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.127	11.128	(0.913)	274941	2.09110	124.3
	39 Dimethylphthalate	163	11.854	11.855	(0.973)	8706	0.06315	3.753
*	42 Acenaphthene-d10	162	12.182	12.166	(1.000)	184301	2.00000	
	50 Diethylphthalate	149	12.999	13.008	(1.067)	8288	0.05899	3.505(M)
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.461	13.460	(0.927)	47928	3.54911	210.9
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.359	14.360	(0.988)	5262	0.27385	16.27(M)
*	59 Phenanthrene-d10	188	14.528	14.529	(1.000)	285677	2.00000	
$	66 Terphenyl-d14	244	17.166	17.167	(0.912)	164368	2.47425	147.0
	67 Butylbenzylphthalate	149	18.057	18.046	(0.960)	4616	0.05557	3.302(M)
*	69 Chrysene-d12	240	18.813	18.814	(1.000)	213557	2.00000	
*	77 Perylene-d12	264	20.968	20.953	(1.000)	161216	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.415	22.400	(1.069)	6952	0.09284	5.517(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061603.d
Lab Smp Id: PB44A
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12787

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED4-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	132671	10.76
27 Naphthalene-d8	372217	186108	744434	405979	9.07
42 Acenaphthene-d10	182713	91356	365426	184301	0.87
59 Phenanthrene-d10	286879	143440	573758	285677	-0.42
69 Chrysene-d12	251912	125956	503824	213557	-15.23
77 Perylene-d12	231524	115762	463048	161216	-30.37

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	0.00
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.00
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.13
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.00
69 Chrysene-d12	18.81	18.31	19.31	18.81	-0.01
77 Perylene-d12	20.95	20.45	21.45	20.97	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44A
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12787

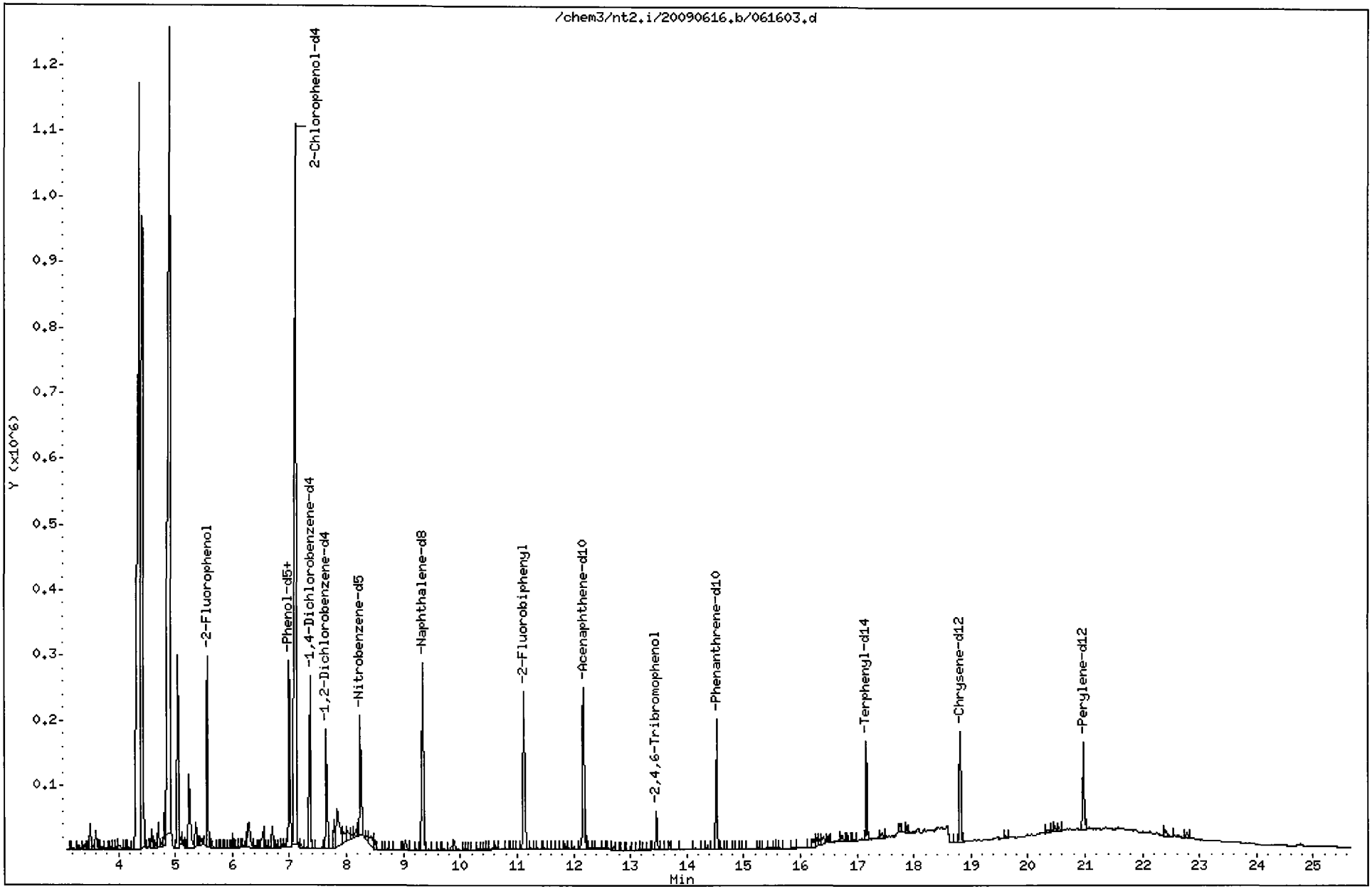
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED4-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	222.8	155.5	69.77	30-160
$ 2 Phenol-d5	222.8	159.2	71.45	30-160
$ 5 2-Chlorophenol-d4	222.8	174.6	78.37	30-160
$ 10 1,2-Dichlorobenzen	148.6	98.51	66.31	30-160
$ 18 Nitrobenzene-d5	148.6	105.4	70.96	30-160
$ 36 2-Fluorobiphenyl	148.6	124.3	83.64	30-160
$ 55 2,4,6-Tribromophen	222.8	210.9	94.64	30-160
$ 66 Terphenyl-d14	148.6	147.0	98.97	30-160

Data File: /chem3/nt2.i/20090616.b/061603.d
Date : 16-JUN-2009 12:33
Client ID: 3SED4-A
Sample Info: PB44A
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED4-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44B
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 13:07
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.5%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	85.6%	d5-Phenol	73.3%
2-Fluorophenol	70.1%	d4-2-Chlorophenol	79.2%
d4-1,2-Dichlorobenzene	66.8%	d5-Nitrobenzene	70.8%
2,4,6-Tribromophenol	92.8%	d14-p-Terphenyl	102%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061604.d
Lab Smp Id: PB44B Client Smp ID: 3SED4-B
Inj Date : 16-JUN-2009 13:07
Operator : VTS Inst ID: nt2.i
Smp Info : PB44B
Misc Info : 09-12788
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	21.30000	Weight of sample extracted (g)
M	22.50000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.568	5.527	(0.756)	210309	2.62628	159.1
$	2 Phenol-d5	99	7.008	6.961	(0.951)	292091	2.75467	166.9
	3 Phenol	94	7.020	6.972	(0.953)	139237	0.98461	59.65
$	5 2-Chlorophenol-d4	132	7.089	7.076	(0.962)	211292	2.96515	179.6
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.368	7.368	(1.000)	134035	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.662	7.645	(1.040)	84917	1.66757	101.0
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.112	8.096	(1.101)	12006	0.13730	8.317
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.250	8.250	(0.883)	201131	1.76546	106.9
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.343	9.343	(1.000)	419683	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.128	11.128	(0.915)	285807	2.13606	129.4
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.166	12.166	(1.000)	187552	2.00000	
	50 Diethylphthalate	149	12.998	13.008	(1.068)	9251	0.06470	3.920(M)
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.461	13.460	(0.927)	51443	3.47845	210.7
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.359	14.360	(0.988)	1350	0.06416	3.886
*	59 Phenanthrene-d10	188	14.528	14.529	(1.000)	312857	2.00000	
$	66 Terphenyl-d14	244	17.166	17.167	(0.912)	173920	2.55859	155.0
	67 Butylbenzylphthalate	149	18.068	18.046	(0.960)	6072	0.07144	4.327
*	69 Chrysene-d12	240	18.814	18.814	(1.000)	218519	2.00000	
*	77 Perylene-d12	264	20.968	20.953	(1.000)	151844	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061604.d
Lab Smp Id: PB44B
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12788

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED4-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	134035	11.90
27 Naphthalene-d8	372217	186108	744434	419683	12.75
42 Acenaphthene-d10	182713	91356	365426	187552	2.65
59 Phenanthrene-d10	286879	143440	573758	312857	9.06
69 Chrysene-d12	251912	125956	503824	218519	-13.26
77 Perylene-d12	231524	115762	463048	151844	-34.42

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	0.00
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.00
42 Acenaphthene-d10	12.17	11.67	12.67	12.17	0.00
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.00
69 Chrysene-d12	18.81	18.31	19.31	18.81	0.00
77 Perylene-d12	20.95	20.45	21.45	20.97	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44B
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12788

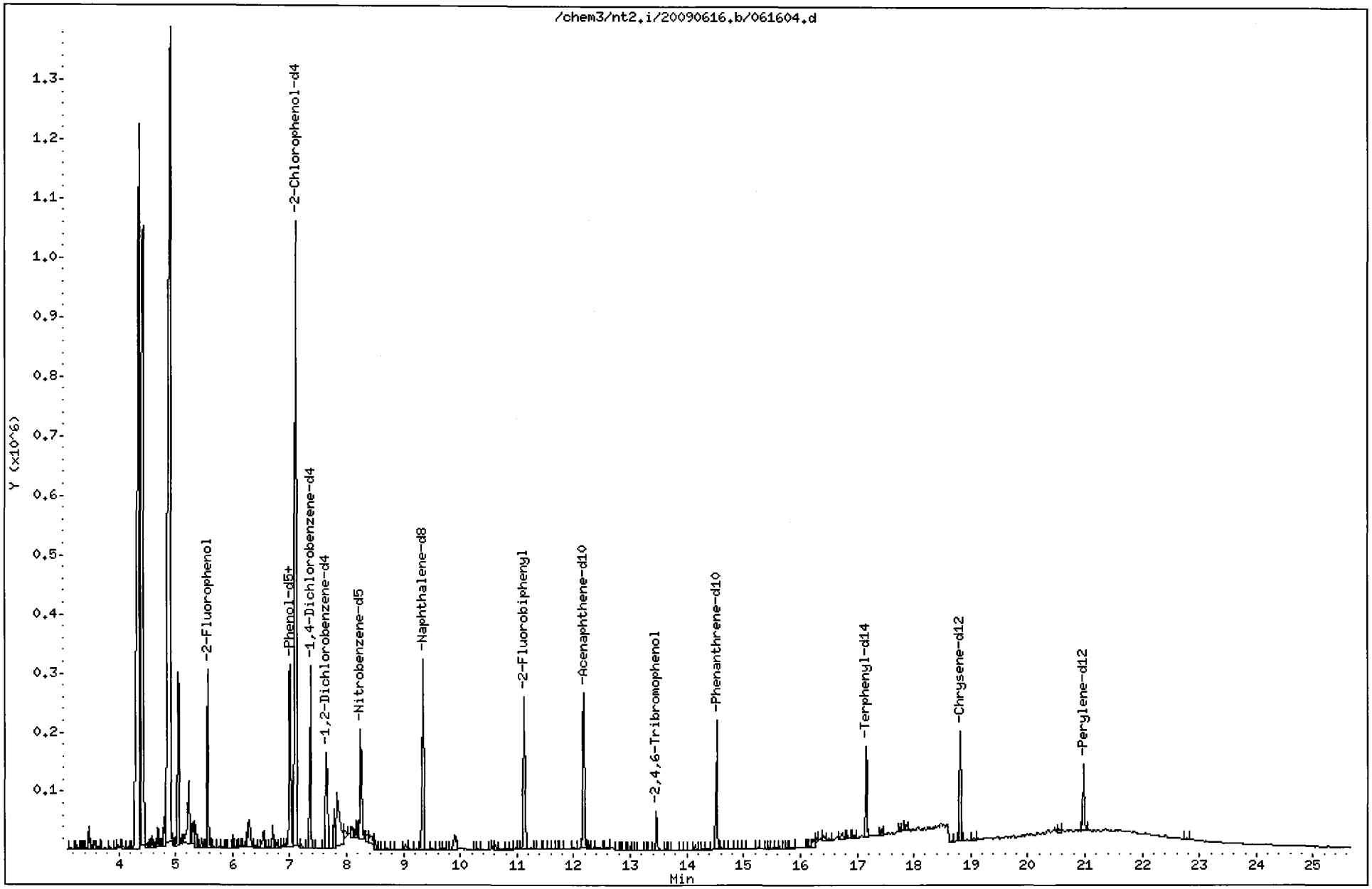
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED4-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	227.2	159.1	70.03	30-160
$ 2 Phenol-d5	227.2	166.9	73.46	30-160
$ 5 2-Chlorophenol-d4	227.2	179.6	79.07	30-160
$ 10 1,2-Dichlorobenzen	151.4	101.0	66.70	30-160
$ 18 Nitrobenzene-d5	151.4	106.9	70.62	30-160
$ 36 2-Fluorobiphenyl	151.4	129.4	85.44	30-160
$ 55 2,4,6-Tribromophen	227.2	210.7	92.76	30-160
$ 66 Terphenyl-d14	151.4	155.0	102.34	30-160

Data File: /chem3/nt2.i/20090616.b/061604.d
Date : 16-JUN-2009 13:07
Client ID: 3SED4-B
Sample Info: PB44B
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED4-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44C
LIMS ID: 09-12789
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 13:41
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 25.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.4%	d5-Phenol	71.5%
2-Fluorophenol	67.2%	d4-2-Chlorophenol	76.3%
d4-1,2-Dichlorobenzene	65.2%	d5-Nitrobenzene	68.4%
2,4,6-Tribromophenol	91.5%	d14-p-Terphenyl	104%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061605.d
Lab Smp Id: PB44C Client Smp ID: 3SED4-C
Inj Date : 16-JUN-2009 13:41
Operator : VTS Inst ID: nt2.i
Smp Info : PB44C
Misc Info : 09-12789
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	22.50000	Weight of sample extracted (g)
M	25.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.566	5.527	(0.756)	200042	2.51999	149.9
$	2 Phenol-d5	99	7.007	6.961	(0.951)	281503	2.67811	159.3
	3 Phenol	94	7.019	6.972	(0.953)	14560	0.10386	6.180
$	5 2-Chlorophenol-d4	132	7.088	7.076	(0.962)	201966	2.85915	170.1
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.367	7.368	(1.000)	132869	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.661	7.645	(1.040)	82036	1.62513	96.69
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.111	8.096	(1.101)	14809	0.17084	10.16
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.250	8.250	(0.883)	189036	1.71084	101.8
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.343	9.343	(1.000)	407038	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.129	11.128	(0.915)	278017	2.06227	122.7
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.167	12.166	(1.000)	188968	2.00000	
	50 Diethylphthalate	149	12.997	13.008	(1.068)	18960	0.13161	7.831(M)
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.460	13.460	(0.926)	52095	3.42767	203.9
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.360	14.360	(0.988)	3724	0.17221	10.25
*	59 Phenanthrene-d10	188	14.529	14.529	(1.000)	321516	2.00000	
$	66 Terphenyl-d14	244	17.167	17.167	(0.913)	173075	2.60896	155.2
	67 Butylbenzylphthalate	149	18.058	18.046	(0.960)	4588	0.05531	3.291(M)
*	69 Chrysene-d12	240	18.813	18.814	(1.000)	213259	2.00000	
*	77 Perylene-d12	264	20.967	20.953	(1.000)	147003	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.414	22.400	(1.069)	5086	0.07449	4.432(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061605.d
Lab Smp Id: PB44C
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12789

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED4-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	132869	10.92
27 Naphthalene-d8	372217	186108	744434	407038	9.36
42 Acenaphthene-d10	182713	91356	365426	188968	3.42
59 Phenanthrene-d10	286879	143440	573758	321516	12.07
69 Chrysene-d12	251912	125956	503824	213259	-15.34
77 Perylene-d12	231524	115762	463048	147003	-36.51

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	-0.02
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.00
42 Acenaphthene-d10	12.17	11.67	12.67	12.17	0.00
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.00
69 Chrysene-d12	18.81	18.31	19.31	18.81	-0.01
77 Perylene-d12	20.95	20.45	21.45	20.97	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44C
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12789

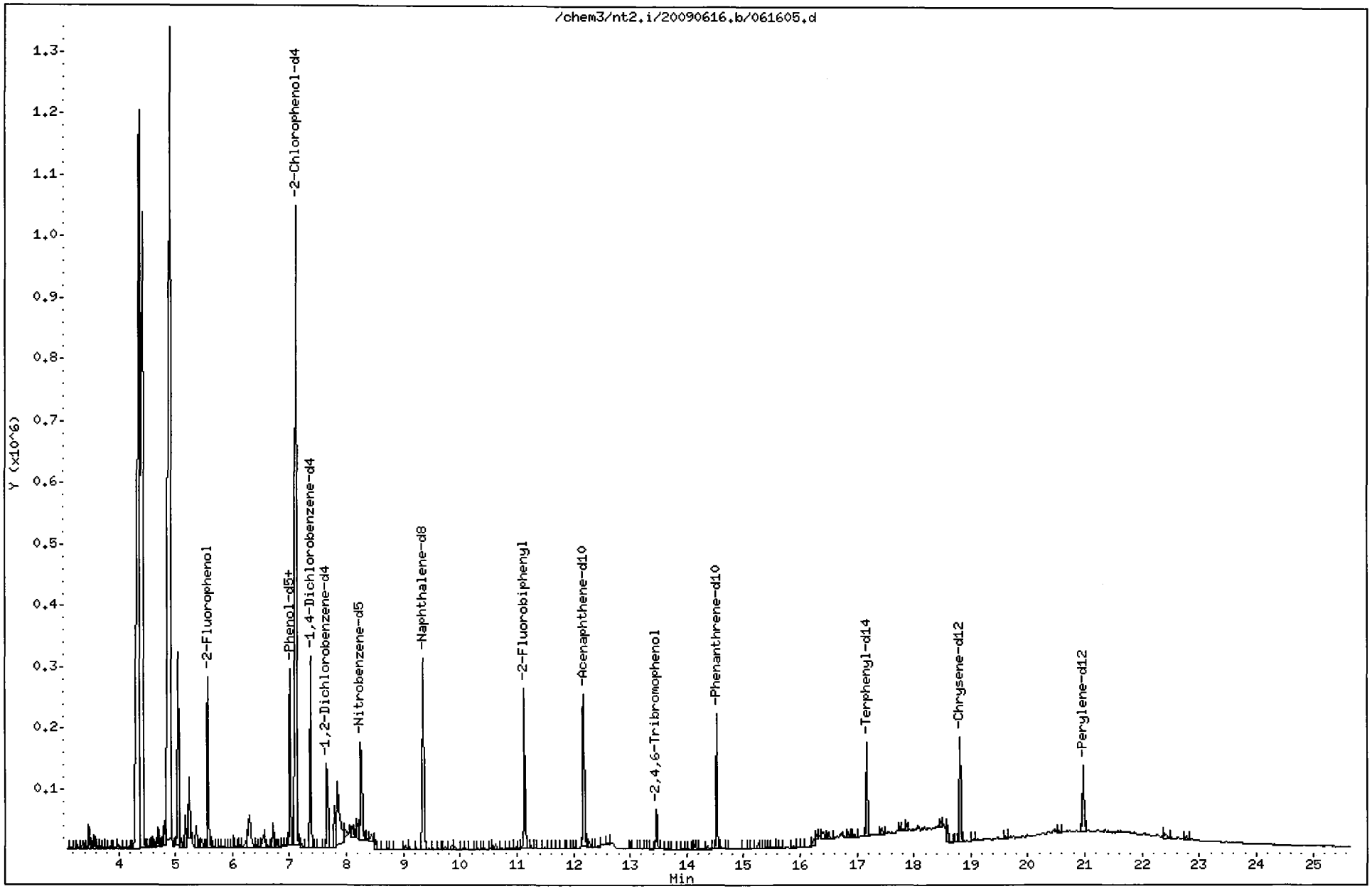
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED4-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	223.1	149.9	67.20	30-160
$ 2 Phenol-d5	223.1	159.3	71.42	30-160
$ 5 2-Chlorophenol-d4	223.1	170.1	76.24	30-160
$ 10 1,2-Dichlorobenzen	148.7	96.69	65.01	30-160
$ 18 Nitrobenzene-d5	148.7	101.8	68.43	30-160
$ 36 2-Fluorobiphenyl	148.7	122.7	82.49	30-160
$ 55 2,4,6-Tribromophen	223.1	203.9	91.40	30-160
$ 66 Terphenyl-d14	148.7	155.2	104.36	30-160

Data File: /chem3/nt2.i/20090616.b/061605.d
Date : 16-JUN-2009 13:41
Client ID: 3SED4-C
Sample Info: PB44C
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB44-060605



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 14:16
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 17.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**5.8**	**14**
106-46-7	1,4-Dichlorobenzene	5.8	< 5.8 U
120-82-1	1,2,4-Trichlorobenzene	5.8	< 5.8 U
118-74-1	Hexachlorobenzene	5.8	< 5.8 U
87-68-3	Hexachlorobutadiene	5.8	< 5.8 U
131-11-3	Dimethylphthalate	14	< 14 U
85-68-7	Butylbenzylphthalate	14	< 14 U
95-48-7	2-Methylphenol	5.8	< 5.8 U
105-67-9	2,4-Dimethylphenol	5.8	< 5.8 U
86-30-6	N-Nitrosodiphenylamine	5.8	< 5.8 U
100-51-6	Benzyl Alcohol	29	< 29 U
87-86-5	**Pentachlorophenol**	**29**	**110**
95-50-1	1,2-Dichlorobenzene	5.8	< 5.8 U
541-73-1	1,3-Dichlorobenzene	5.8	< 5.8 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.8%	d5-Phenol	74.4%
2-Fluorophenol	69.9%	d4-2-Chlorophenol	77.9%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	72.4%
2,4,6-Tribromophenol	108%	d14-p-Terphenyl	149%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061606.d
Lab Smp Id: PB44D Client Smp ID: 3SED3-A
Inj Date : 16-JUN-2009 14:16
Operator : VTS Inst ID: nt2.i
Smp Info : PB44D
Misc Info : 09-12790
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	20.80000	Weight of sample extracted (g)
M	16.30000	% Moisture

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1	2-Fluorophenol	112	5.567	5.527	(0.756)	209499	2.61908	150.4
$	2	Phenol-d5	99	7.008	6.961	(0.951)	295013	2.78532	160.0
	3	Phenol	94	7.019	6.972	(0.953)	8080	0.05720	3.286
$	5	2-Chlorophenol-d4	132	7.089	7.076	(0.962)	208074	2.92324	167.9
	7	1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8	1,4-Dichlorobenzene-d4	152	7.368	7.368	(1.000)	133886	2.00000	
	9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10	1,2-Dichlorobenzene-d4	152	7.662	7.645	(1.040)	80967	1.59177	91.43
	11	Benzyl alcohol	79	Compound Not Detected.					
	12	1,2-Dichlorobenzene	146	Compound Not Detected.					
	13	2-Methylphenol	108	Compound Not Detected.					
	15	4-Methylphenol	108	Compound Not Detected.					
	16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	8.250	8.250	(0.883)	195434	1.80955	103.9
	22	2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.342	9.343	(1.000)	397860	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.128	11.128	(0.913)	281178	2.06677	118.7
	39 Dimethylphthalate	163	11.854	11.855	(0.973)	15375	0.10779	6.191
*	42 Acenaphthene-d10	162	12.183	12.166	(1.000)	190700	2.00000	
	50 Diethylphthalate	149	12.998	13.008	(1.067)	13116	0.09022	5.182(M)
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.461	13.460	(0.927)	53955	4.05114	232.7
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.359	14.360	(0.988)	35316	1.86361	107.0
*	59 Phenanthrene-d10	188	14.528	14.529	(1.000)	281748	2.00000	
$	66 Terphenyl-d14	244	17.178	17.167	(0.912)	167888	3.71929	213.6
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.829	18.814	(1.000)	145111	2.00000	
*	77 Perylene-d12	264	21.015	20.953	(1.000)	64764	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.461	22.400	(1.069)	7223	0.24012	13.79(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061606.d
Lab Smp Id: PB44D
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12790

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED3-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	133886	11.77
27 Naphthalene-d8	372217	186108	744434	397860	6.89
42 Acenaphthene-d10	182713	91356	365426	190700	4.37
59 Phenanthrene-d10	286879	143440	573758	281748	-1.79
69 Chrysene-d12	251912	125956	503824	145111	-42.40
77 Perylene-d12	231524	115762	463048	64764	-72.03 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	0.00
27 Naphthalene-d8	9.34	8.84	9.84	9.34	-0.01
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.14
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.00
69 Chrysene-d12	18.81	18.31	19.31	18.83	0.08
77 Perylene-d12	20.95	20.45	21.45	21.01	0.29

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44D
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12790

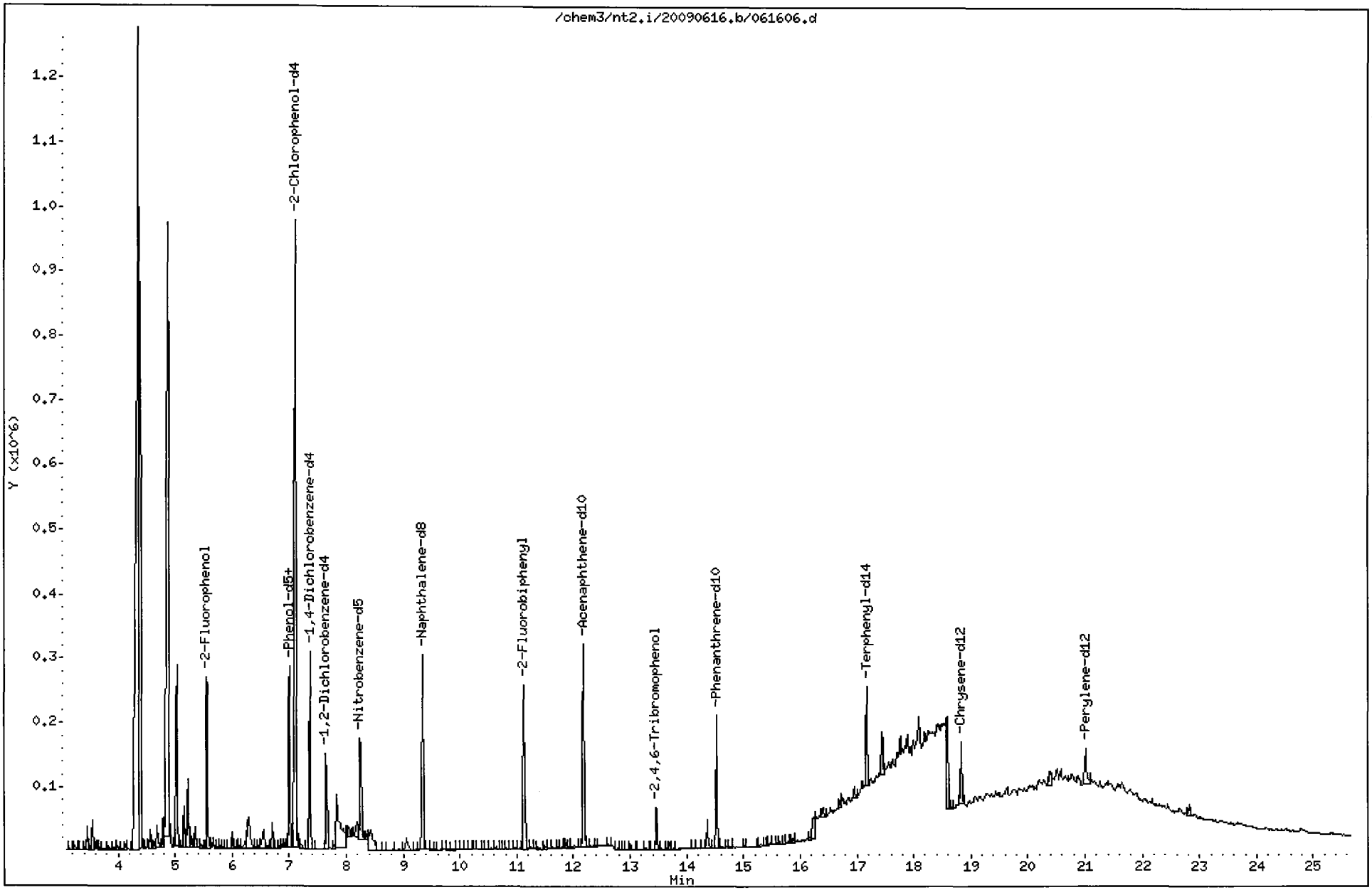
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED3-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	215.4	150.4	69.84	30-160
$ 2 Phenol-d5	215.4	160.0	74.28	30-160
$ 5 2-Chlorophenol-d4	215.4	167.9	77.95	30-160
$ 10 1,2-Dichlorobenzen	143.6	91.43	63.67	30-160
$ 18 Nitrobenzene-d5	143.6	103.9	72.38	30-160
$ 36 2-Fluorobiphenyl	143.6	118.7	82.67	30-160
$ 55 2,4,6-Tribromophen	215.4	232.7	108.03	30-160
$ 66 Terphenyl-d14	143.6	213.6	148.77	30-160

Data File: /chem3/nt2.i/20090616.b/061606.d
Date : 16-JUN-2009 14:16
Client ID: 3SED3-A
Sample Info: PB44D
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB44D 061606



Data File: /chem3/nt2.i/20090616.b/061606.d

Date : 16-JUN-2009 14:16

Client ID: 3SED3-A

Instrument: nt2.i

Sample Info: PB44D

Volume Injected (uL): 2.0

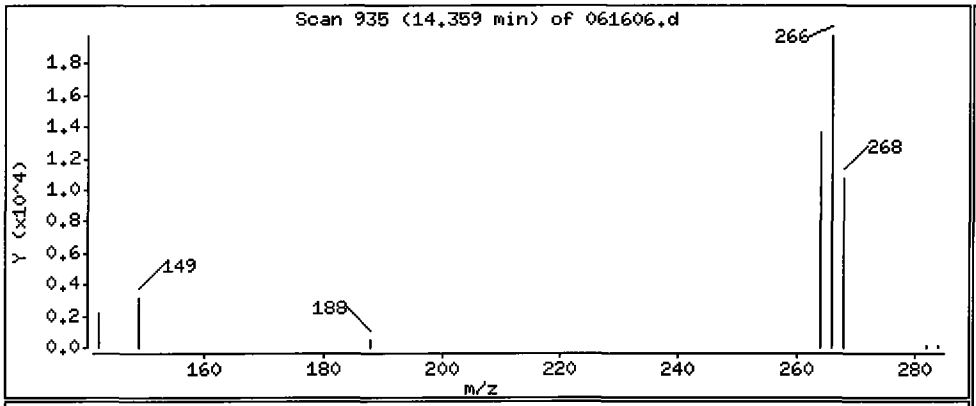
Operator: VTS

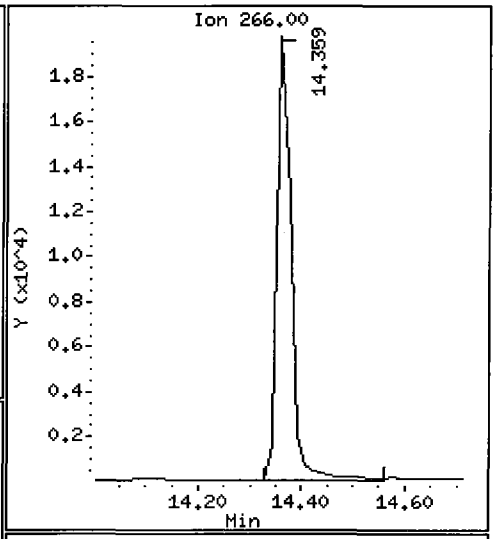
Column phase: ZB-5

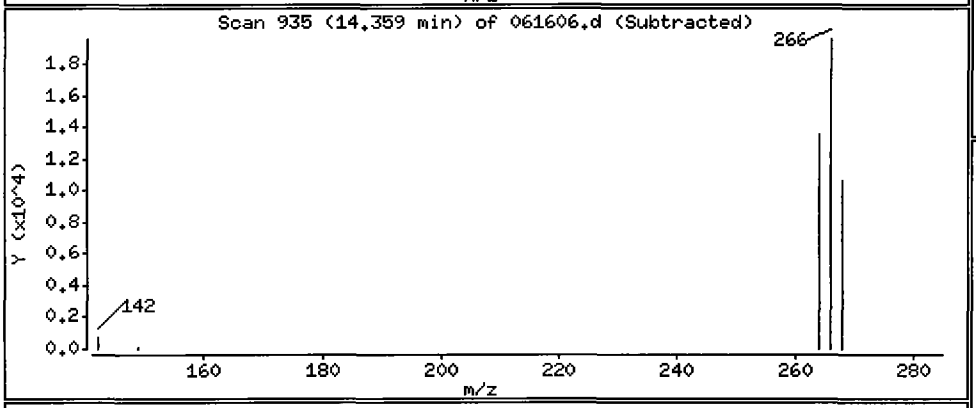
Column diameter: 0.32

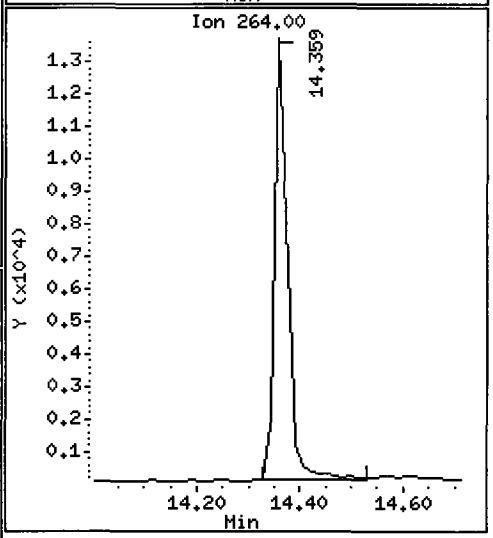
58 Pentachlorophenol

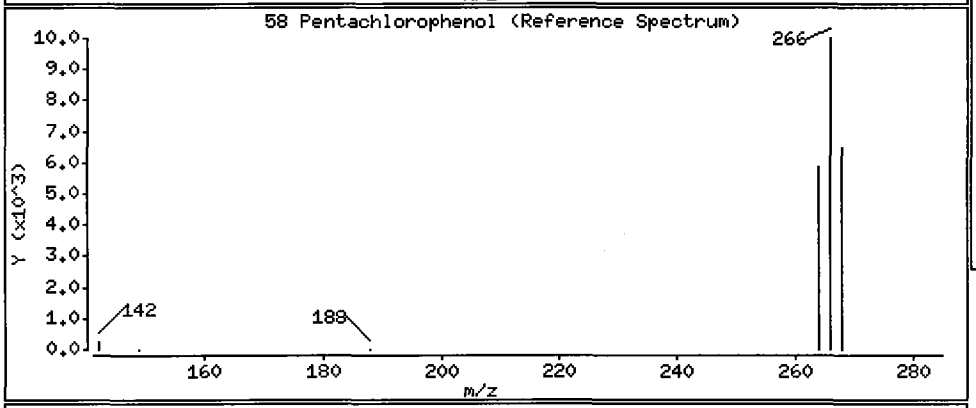
Concentration: 107.0 ug/kg

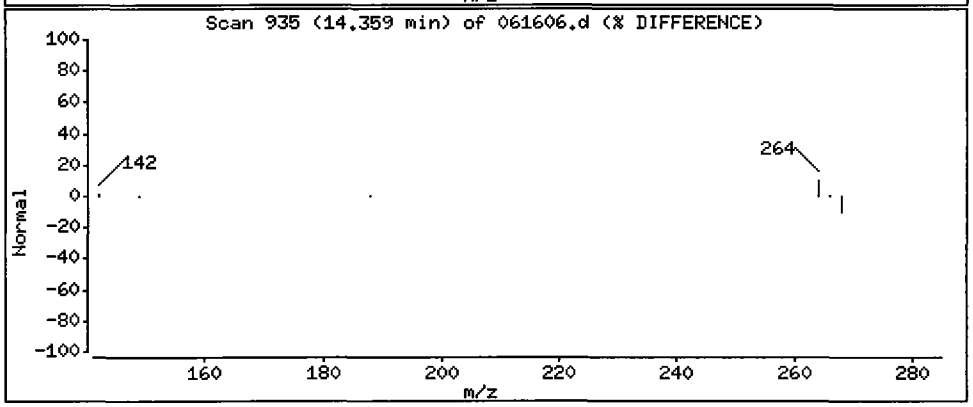












Data File: /chem3/nt2.i/20090616.b/061606.d

Date : 16-JUN-2009 14:16

Client ID: 3SED3-A

Instrument: nt2.i

Sample Info: PB44D

Volume Injected (uL): 2.0

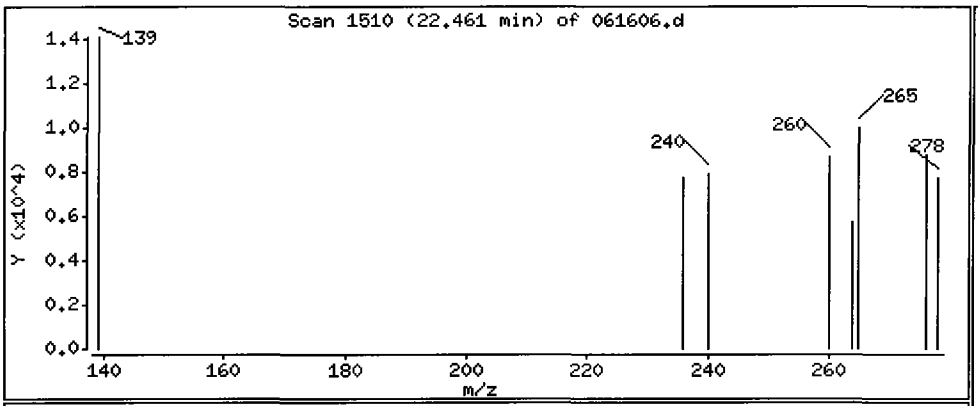
Operator: VTS

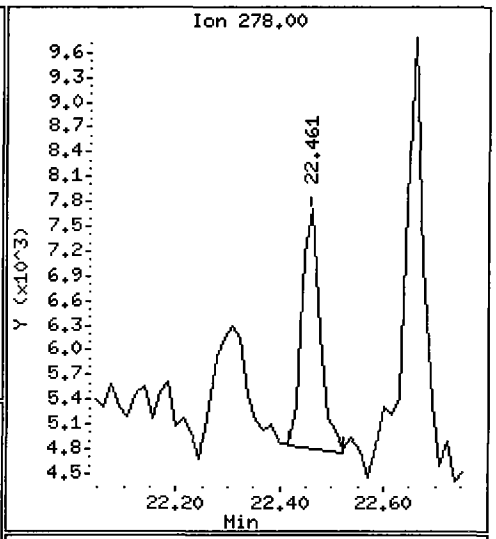
Column phase: ZB-5

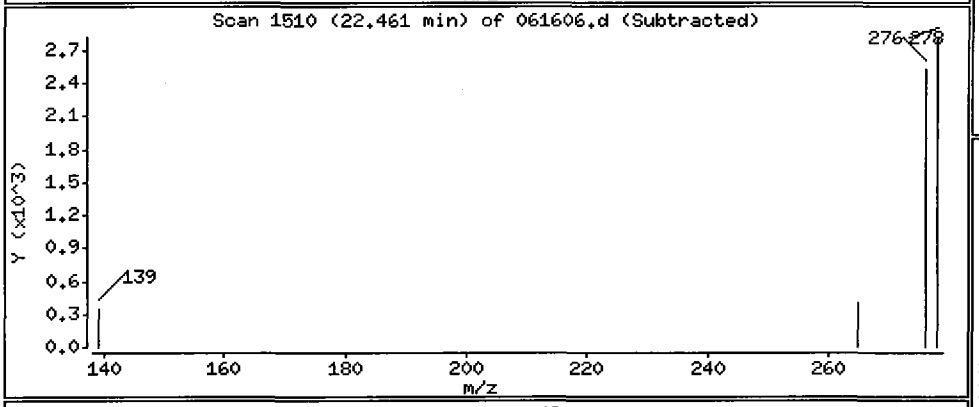
Column diameter: 0.32

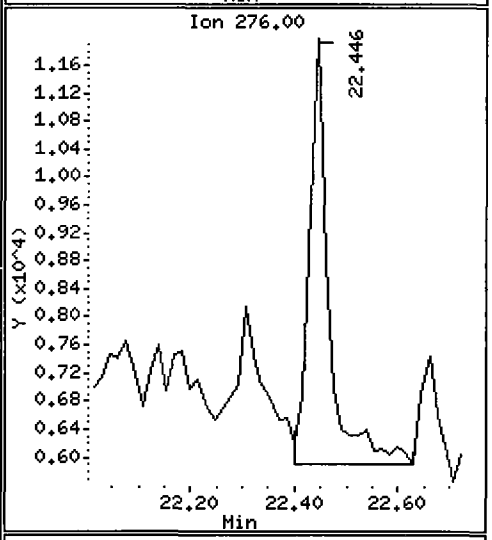
79 Dibenzo(a,h)anthracene

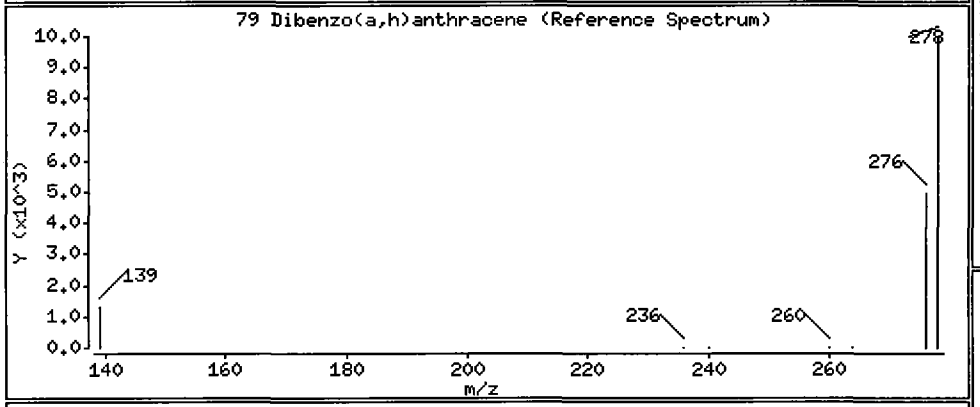
Concentration: 13.79 ug/kg

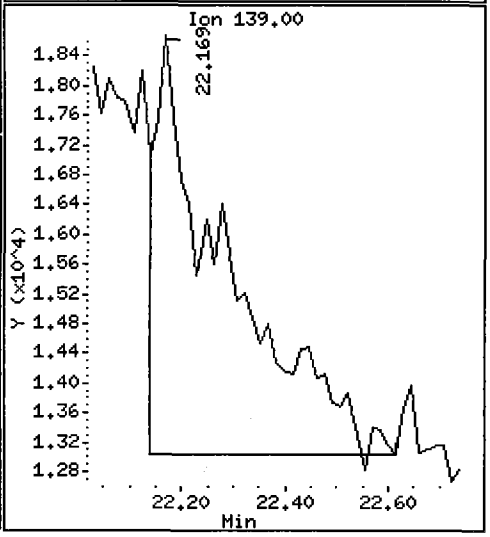


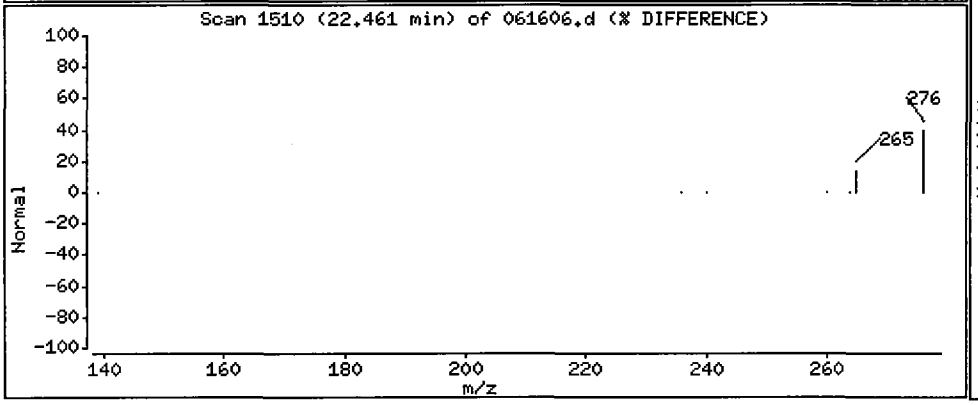












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-A**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 16:06
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 17.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	17	< 17 U
106-46-7	1,4-Dichlorobenzene	17	< 17 U
120-82-1	1,2,4-Trichlorobenzene	17	< 17 U
118-74-1	Hexachlorobenzene	17	< 17 U
87-68-3	Hexachlorobutadiene	17	< 17 U
131-11-3	Dimethylphthalate	43	< 43 U
85-68-7	Butylbenzylphthalate	43	< 43 U
95-48-7	2-Methylphenol	17	< 17 U
105-67-9	2,4-Dimethylphenol	17	< 17 U
86-30-6	N-Nitrosodiphenylamine	17	< 17 U
100-51-6	Benzyl Alcohol	86	< 86 U
87-86-5	**Pentachlorophenol**	**86**	**100**
95-50-1	1,2-Dichlorobenzene	17	< 17 U
541-73-1	1,3-Dichlorobenzene	17	< 17 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	87.6%	d5-Phenol	76.0%
2-Fluorophenol	78.4%	d4-2-Chlorophenol	80.8%
d4-1,2-Dichlorobenzene	69.6%	d5-Nitrobenzene	80.4%
2,4,6-Tribromophenol	94.4%	d14-p-Terphenyl	121%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061706.d
Lab Smp Id: PB44D Client Smp ID: 3SED3-A
Inj Date : 17-JUN-2009 16:06
Operator : VTS Inst ID: nt2.i
Smp Info : PB44D,3
Misc Info : 09-12790
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 6
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	20.80000	Weight of sample extracted (g)
M	16.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.460	5.445	(0.750)	80639	0.98369	169.5
$	2 Phenol-d5	99	6.911	6.888	(0.949)	102927	0.94822	163.4
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.004	6.992	(0.962)	73638	1.00948	174.0
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.284	7.284	(1.000)	137211	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	30467	0.58445	100.7
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.165	8.165	(0.882)	70752	0.66636	114.8
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.262	9.263	(1.000)	391139	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.046	11.046	(0.914)	105891	0.73458	126.6
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.084	12.084	(1.000)	202060	2.00000	
	50 Diethylphthalate	149	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.379	13.380	(0.926)	19002	1.17697	202.8
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.291	14.291	(0.989)	14012	0.60997	105.1
*	59 Phenanthrene-d10	188	14.445	14.445	(1.000)	341538	2.00000	
$	66 Terphenyl-d14	244	17.090	17.090	(0.912)	66559	1.00705	173.5
	67 Butylbenzylphthalate	149	17.992	17.970	(0.960)	19627	0.23748	40.92
*	69 Chrysene-d12	240	18.746	18.730	(1.000)	212470	2.00000	
*	77 Perylene-d12	264	20.931	20.869	(1.000)	93765	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.362	22.301	(1.068)	2690	0.06177	10.64(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061706.d
Lab Smp Id: PB44D
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12790

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED3-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
8 1,4-Dichlorobenze	119785	59892	239570	137211	14.55	
27 Naphthalene-d8	372217	186108	744434	391139	5.08	
42 Acenaphthene-d10	182713	91356	365426	202060	10.59	
59 Phenanthrene-d10	286879	143440	573758	341538	19.05	
69 Chrysene-d12	251912	125956	503824	212470	-15.66	
77 Perylene-d12	231524	115762	463048	93765	-59.50	<-

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.00
27 Naphthalene-d8	9.26	8.76	9.76	9.26	0.00
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	0.00
59 Phenanthrene-d10	14.45	13.95	14.95	14.45	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.75	0.08
77 Perylene-d12	20.87	20.37	21.37	20.93	0.29

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44D
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12790

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED3-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

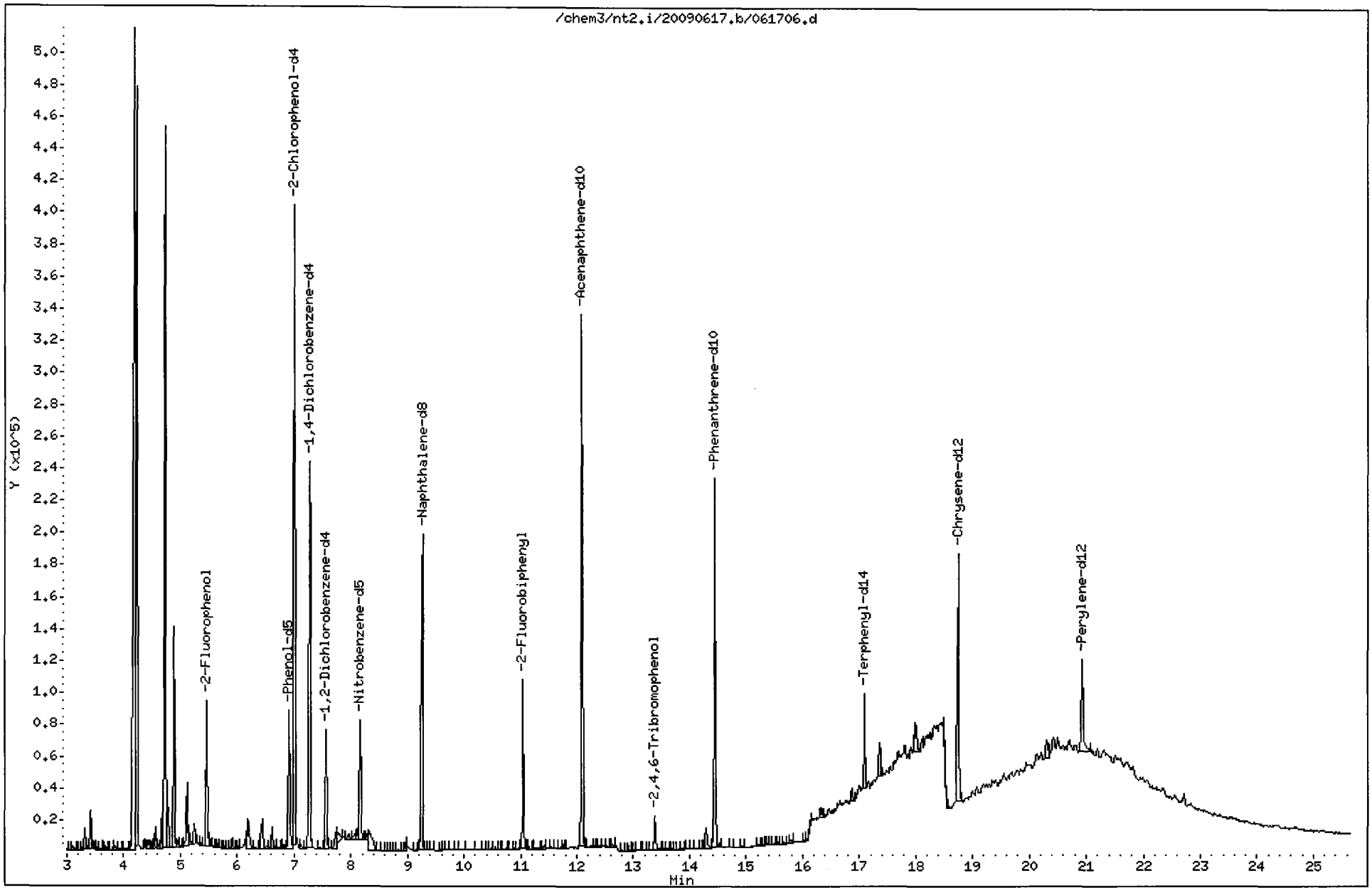
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	215.4	169.5	78.70	30-160
$ 2 Phenol-d5	215.4	163.4	75.86	30-160
$ 5 2-Chlorophenol-d4	215.4	174.0	80.76	30-160
$ 10 1,2-Dichlorobenzen	143.6	100.7	70.13	30-160
$ 18 Nitrobenzene-d5	143.6	114.8	79.96	30-160
$ 36 2-Fluorobiphenyl	143.6	126.6	88.15	30-160
$ 55 2,4,6-Tribromophen	215.4	202.8	94.16	30-160
$ 66 Terphenyl-d14	143.6	173.5	120.85	30-160

Data File: /chem3/nt2.i/20090617.b/061706.d
Date : 17-JUN-2009 16:06
Client ID: 3SED3-A
Sample Info: PB44D,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB44D:061706



Data File: /chem3/nt2.i/20090617.b/061706.d

Date : 17-JUN-2009 16:06

Client ID: 3SED3-A

Instrument: nt2.i

Sample Info: PB44D,3

Volume Injected (uL): 2.0

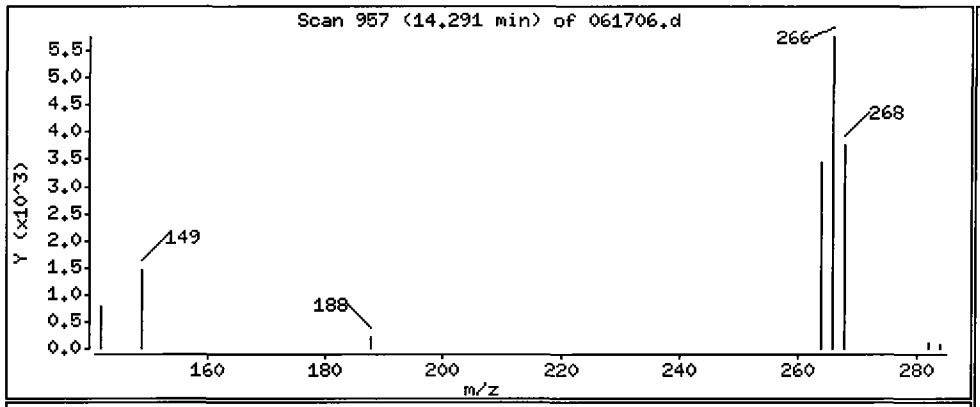
Operator: VTS

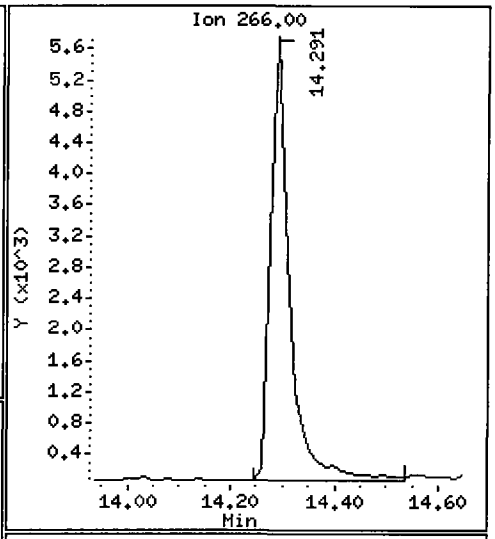
Column phase: ZB-5

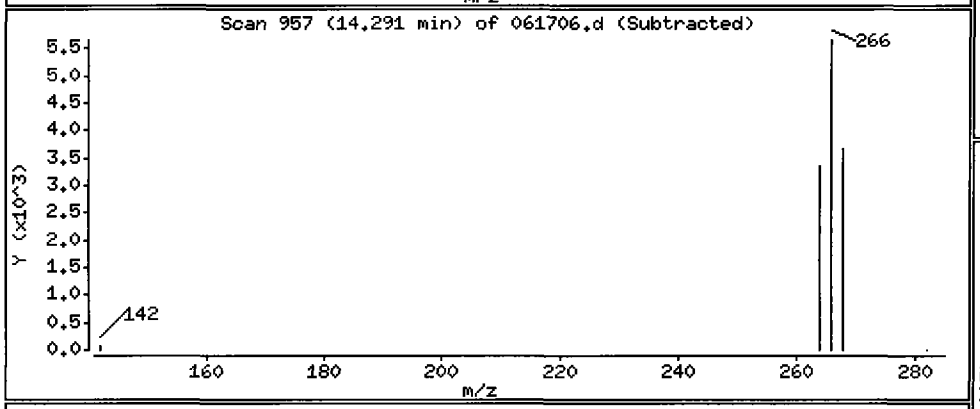
Column diameter: 0.32

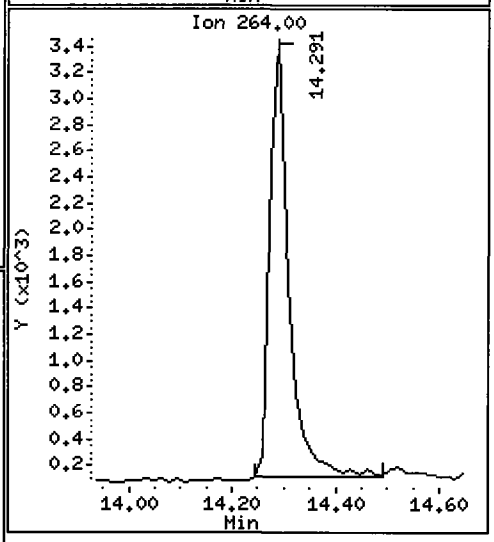
58 Pentachlorophenol

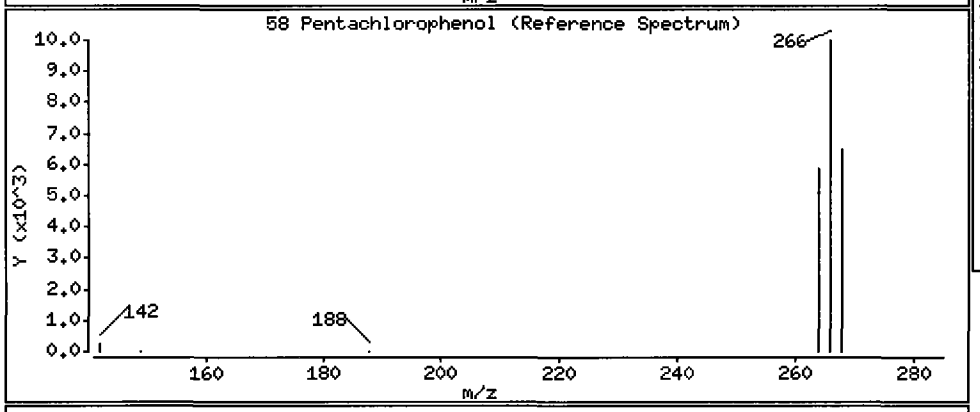
Concentration: 105.1 ug/kg

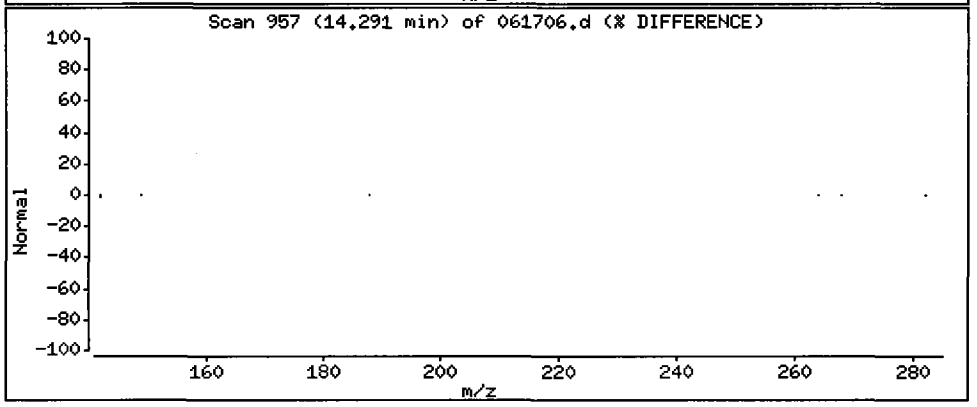












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44E
LIMS ID: 09-12791
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 16:32
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 46.5%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.1**	**6.1**
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	**Butylbenzylphthalate**	**15**	**28**
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.8%	d5-Phenol	75.2%
2-Fluorophenol	73.6%	d4-2-Chlorophenol	97.1%
d4-1,2-Dichlorobenzene	66.0%	d5-Nitrobenzene	75.2%
2,4,6-Tribromophenol	98.7%	d14-p-Terphenyl	148%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061610.d
Lab Smp Id: PB44E Client Smp ID: 3SED3-B
Inj Date : 16-JUN-2009 16:32
Operator : VTS Inst ID: nt2.i
Smp Info : PB44E
Misc Info : 09-12791
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	30.80000	Weight of sample extracted (g)
M	46.50000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$ 1	2-Fluorophenol	112	5.566	5.527	(0.756)	216271	2.76012	167.5
$ 2	Phenol-d5	99	7.042	6.961	(0.956)	292642	2.82055	171.2
3	Phenol	94	7.065	6.972	(0.959)	13750	0.09937	6.030
$ 5	2-Chlorophenol-d4	132	7.111	7.076	(0.965)	253967	3.64240	221.0
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	7.367	7.368	(1.000)	131151	2.00000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.661	7.645	(1.040)	82132	1.64835	100.0
11	Benzyl alcohol	79	Compound Not Detected.					
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
15	4-Methylphenol	108	8.111	8.096	(1.101)	10398	0.12153	7.375
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$ 18	Nitrobenzene-d5	82	8.265	8.250	(0.885)	200025	1.87733	113.9
22	2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.343	9.343	(1.000)	392504	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.128	11.128	(0.913)	289603	2.07130	125.7
	39 Dimethylphthalate	163	11.872	11.855	(0.974)	28593	0.19505	11.84
*	42 Acenaphthene-d10	162	12.184	12.166	(1.000)	195985	2.00000	
	50 Diethylphthalate	149	13.009	13.008	(1.068)	18190	0.12175	7.389
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.472	13.460	(0.927)	55780	3.70411	224.8
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.375	14.360	(0.989)	7750	0.36170	21.95
*	59 Phenanthrene-d10	188	14.529	14.529	(1.000)	318567	2.00000	
$	66 Terphenyl-d14	244	17.179	17.167	(0.912)	173254	3.71423	225.4
	67 Butylbenzylphthalate	149	18.058	18.046	(0.959)	27186	0.46608	28.28(M)
*	69 Chrysene-d12	240	18.830	18.814	(1.000)	149953	2.00000	
*	77 Perylene-d12	264	20.985	20.953	(1.000)	60332	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.431	22.400	(1.069)	2745	0.09796	5.945(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061610.d
Lab Smp Id: PB44E
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12791

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED3-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	131151	9.49
27 Naphthalene-d8	372217	186108	744434	392504	5.45
42 Acenaphthene-d10	182713	91356	365426	195985	7.26
59 Phenanthrene-d10	286879	143440	573758	318567	11.05
69 Chrysene-d12	251912	125956	503824	149953	-40.47
77 Perylene-d12	231524	115762	463048	60332	-73.94 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	-0.01
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.00
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.14
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.00
69 Chrysene-d12	18.81	18.31	19.31	18.83	0.08
77 Perylene-d12	20.95	20.45	21.45	20.98	0.15

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44E
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12791

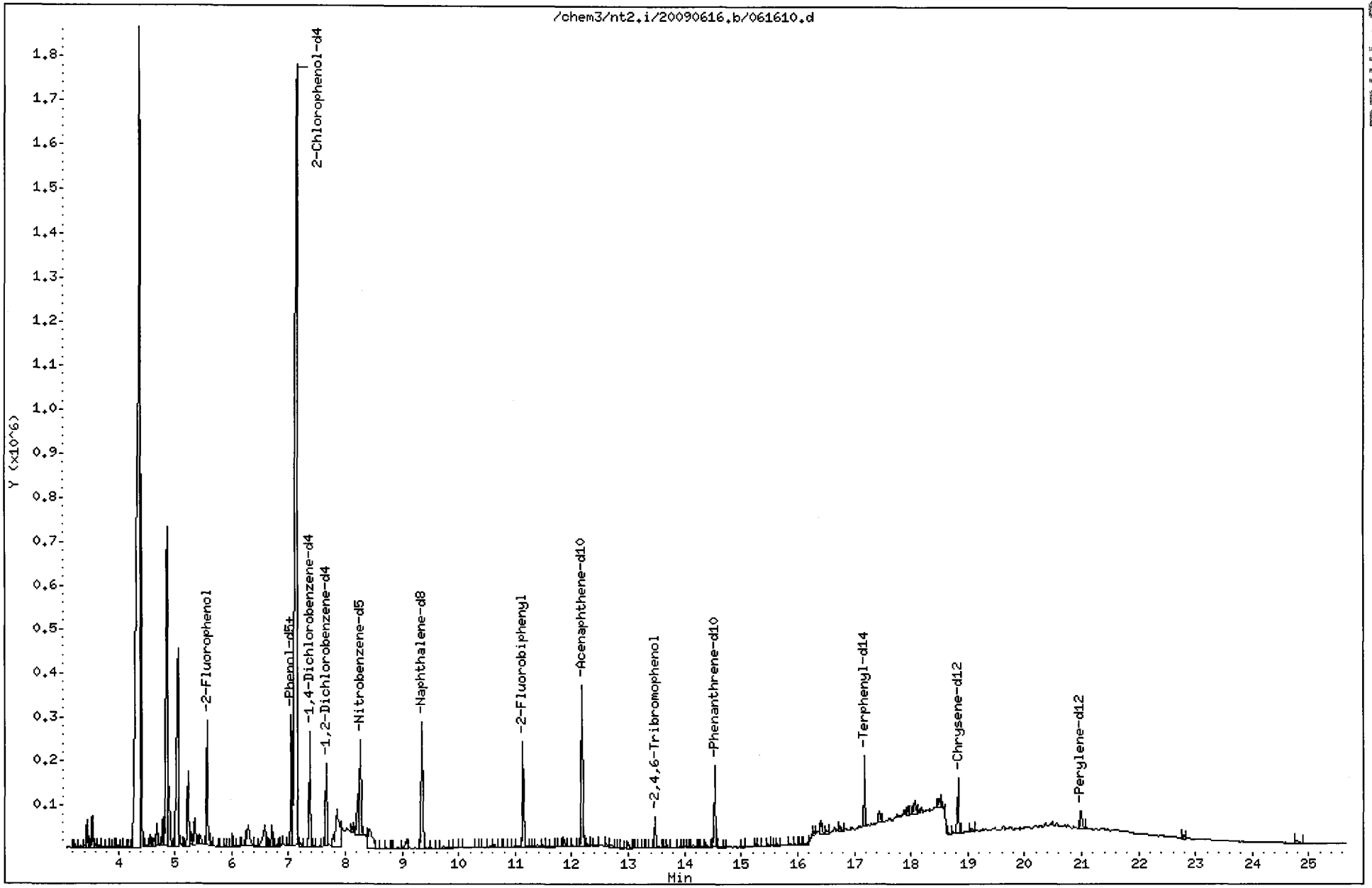
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED3-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	227.6	167.5	73.60	30-160
$ 2 Phenol-d5	227.6	171.2	75.21	30-160
$ 5 2-Chlorophenol-d4	227.6	221.0	97.13	30-160
$ 10 1,2-Dichlorobenzen	151.7	100.0	65.93	30-160
$ 18 Nitrobenzene-d5	151.7	113.9	75.09	30-160
$ 36 2-Fluorobiphenyl	151.7	125.7	82.85	30-160
$ 55 2,4,6-Tribromophen	227.6	224.8	98.78	30-160
$ 66 Terphenyl-d14	151.7	225.4	148.57	30-160

Data File: /chem3/nt2.i/20090616.b/061610.d
Date : 16-JUN-2009 16:32
Client ID: 3SED3-B
Sample Info: PB44E
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB44 : 060621



Data File: /chem3/nt2.i/20090616.b/061610.d

Date : 16-JUN-2009 16:32

Client ID: 3SED3-B

Instrument: nt2.i

Sample Info: PB44E

Volume Injected (uL): 2.0

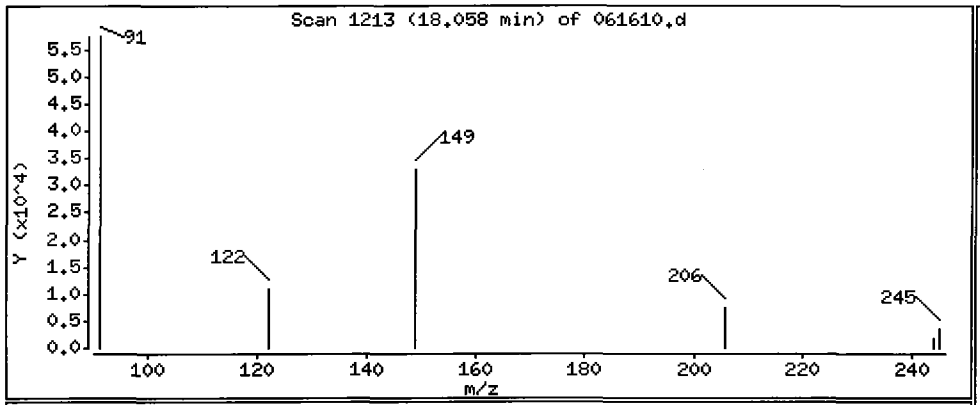
Operator: VTS

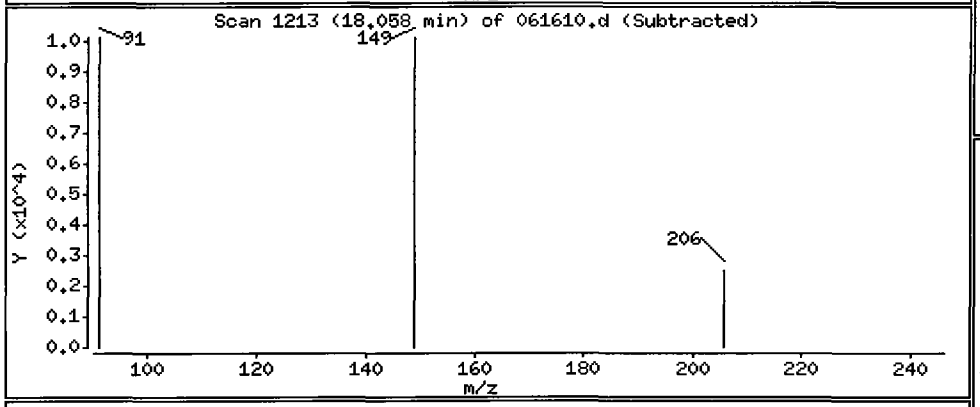
Column phase: ZB-5

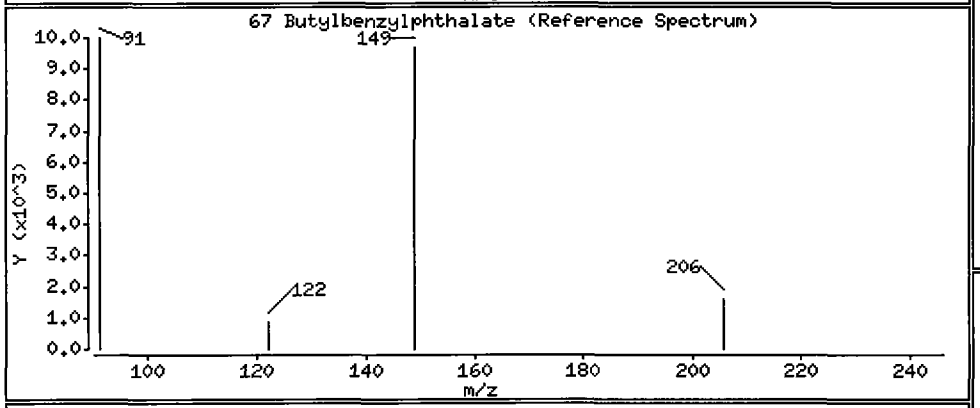
Column diameter: 0.32

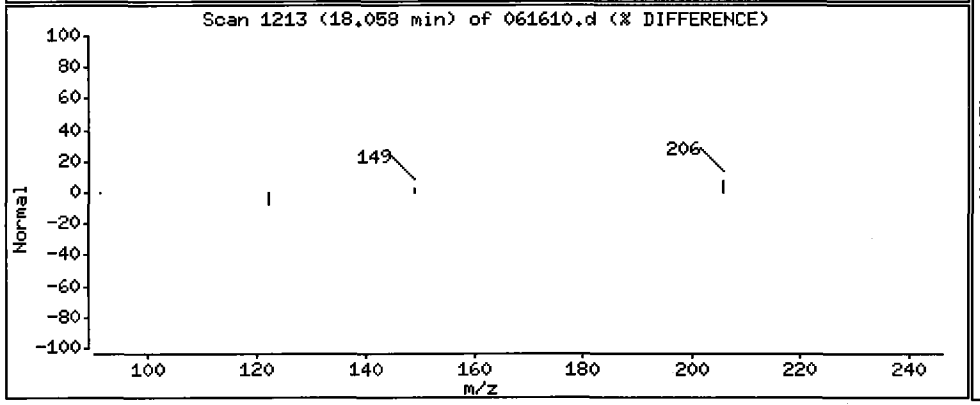
67 Butylbenzylphthalate

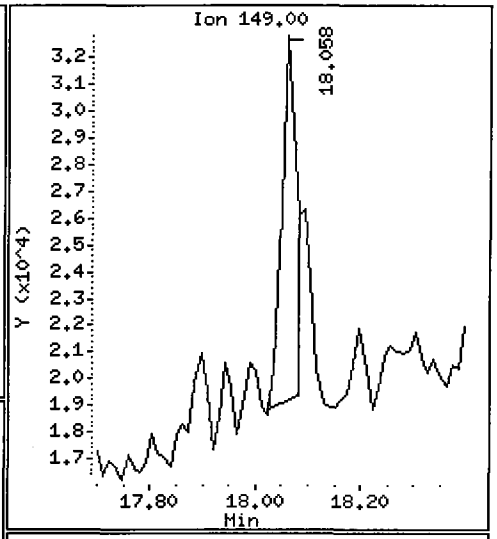
Concentration: 28.28 ug/kg

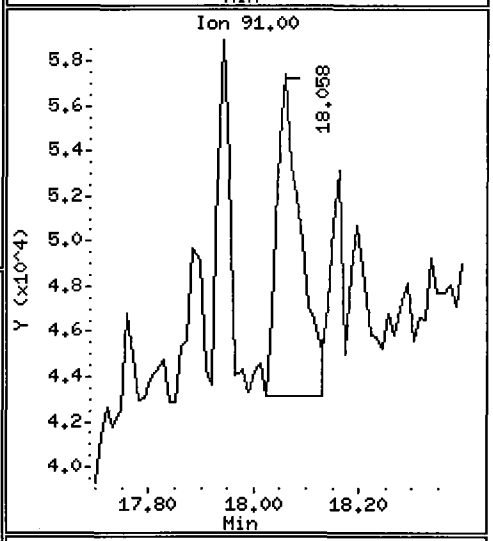


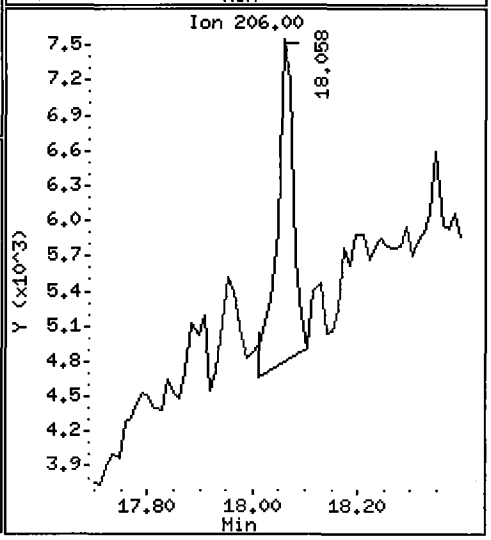












Data File: /chem3/nt2.i/20090616.b/061610.d

Date : 16-JUN-2009 16:32

Client ID: 3SED3-B

Instrument: nt2.i

Sample Info: PB44E

Volume Injected (uL): 2.0

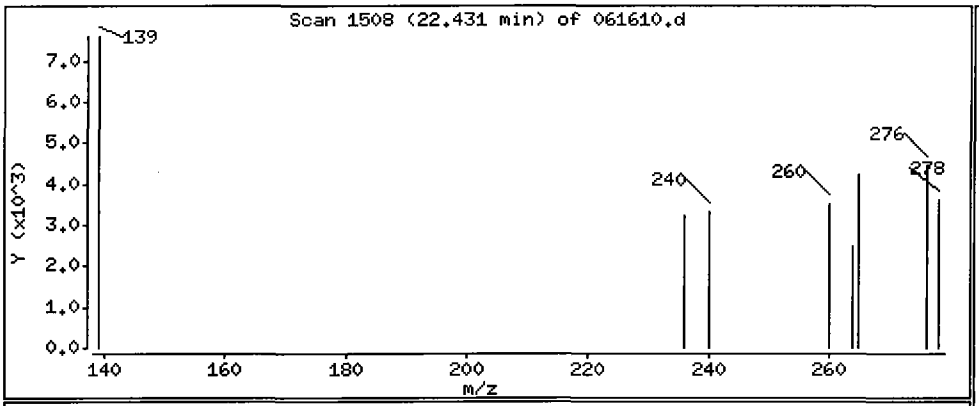
Operator: VTS

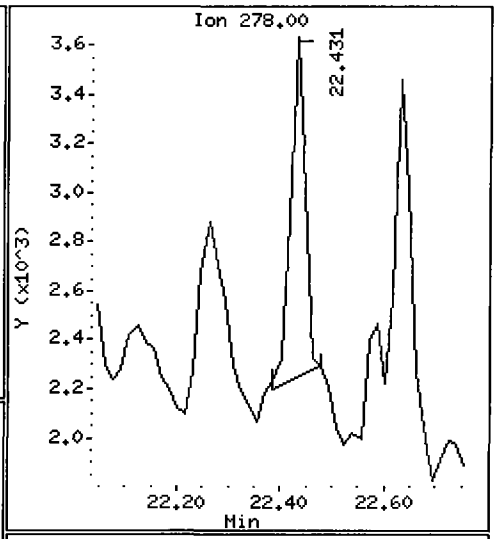
Column phase: ZB-5

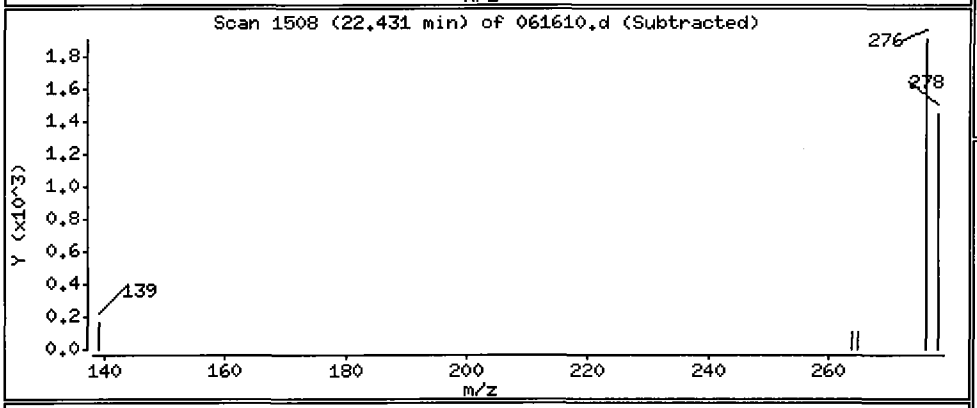
Column diameter: 0.32

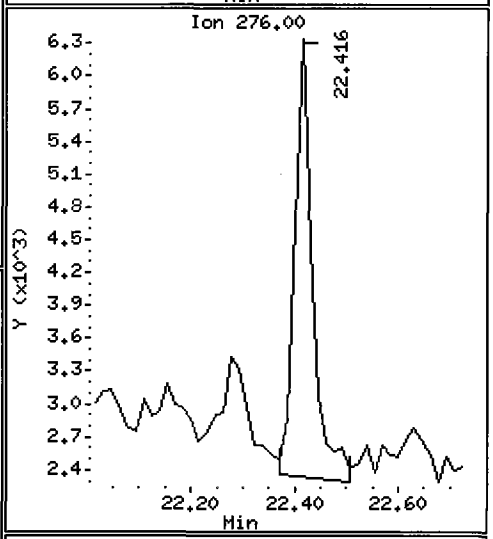
79 Dibenzo(a,h)anthracene

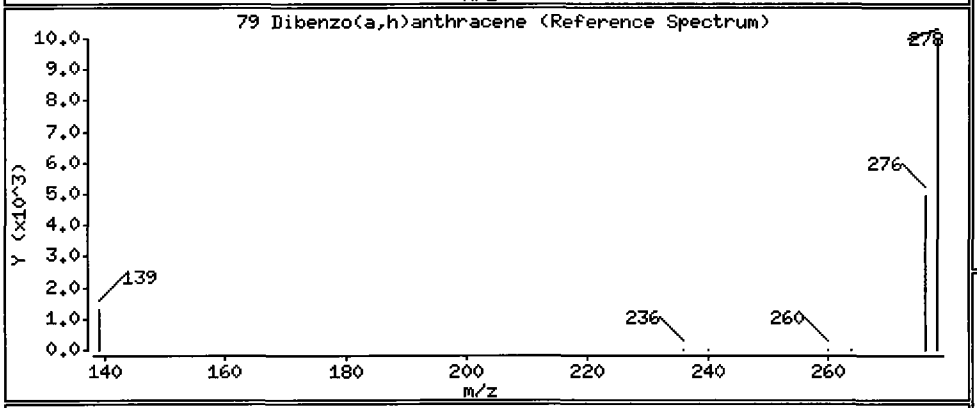
Concentration: 5.945 ug/kg

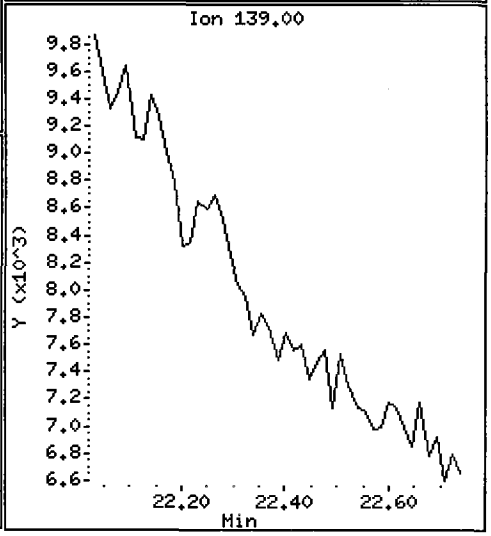


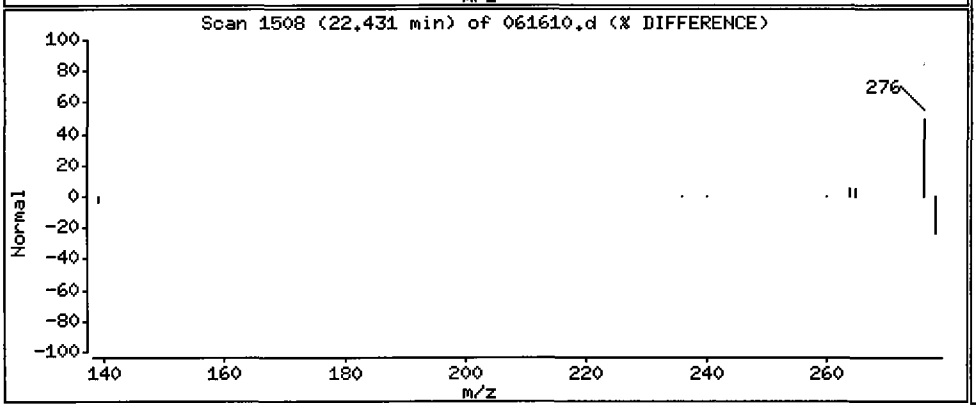












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-B**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44E
LIMS ID: 09-12791
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 16:40
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 46.5%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	91	< 91 U
87-86-5	Pentachlorophenol	91	< 91 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.8%	d5-Phenol	71.2%
2-Fluorophenol	72.0%	d4-2-Chlorophenol	76.8%
d4-1,2-Dichlorobenzene	61.2%	d5-Nitrobenzene	73.2%
2,4,6-Tribromophenol	94.4%	d14-p-Terphenyl	113%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061707.d
Lab Smp Id: PB44E Client Smp ID: 3SED3-B
Inj Date : 17-JUN-2009 16:40
Operator : VTS Inst ID: nt2.i
Smp Info : PB44E,3
Misc Info : 09-12791
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 7
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	30.80000	Weight of sample extracted (g)
M	46.50000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.460	5.445	(0.750)	79032	0.90448	164.7
$	2 Phenol-d5	99	6.923	6.888	(0.950)	103244	0.89234	162.5
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.004	6.992	(0.962)	74975	0.96426	175.6
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.285	7.284	(1.000)	146253	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	28422	0.51151	93.13
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.166	8.165	(0.882)	70526	0.60935	110.9
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.262	9.263	(1.000)	426365	2.00000	
30	Hexachlorobutadiene	225	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.045	11.046	(0.914)	105198	0.69023	125.7
39	Dimethylphthalate	163	11.772	11.773	(0.974)	10374	0.06492	11.82
* 42	Acenaphthene-d10	162	12.083	12.084	(1.000)	213637	2.00000	
50	Diethylphthalate	149	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.379	13.380	(0.926)	20372	1.18251	215.3
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	14.290	14.291	(0.989)	2521	0.10285	18.72
* 59	Phenanthrene-d10	188	14.444	14.445	(1.000)	364447	2.00000	
$ 66	Terphenyl-d14	244	17.089	17.090	(0.912)	64363	0.93684	170.6
67	Butylbenzylphthalate	149	17.980	17.970	(0.959)	17430	0.20289	36.94
* 69	Chrysene-d12	240	18.745	18.730	(1.000)	220857	2.00000	
* 77	Perylene-d12	264	20.899	20.869	(1.000)	95272	2.00000	
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061707.d
Lab Smp Id: PB44E
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12791

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED3-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
8 1,4-Dichlorobenze	119785	59892	239570	146253	22.10	
27 Naphthalene-d8	372217	186108	744434	426365	14.55	
42 Acenaphthene-d10	182713	91356	365426	213637	16.92	
59 Phenanthrene-d10	286879	143440	573758	364447	27.04	
69 Chrysene-d12	251912	125956	503824	220857	-12.33	
77 Perylene-d12	231524	115762	463048	95272	-58.85	<-

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.01
27 Naphthalene-d8	9.26	8.76	9.76	9.26	-0.01
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	-0.01
59 Phenanthrene-d10	14.45	13.95	14.95	14.44	-0.01
69 Chrysene-d12	18.73	18.23	19.23	18.74	0.08
77 Perylene-d12	20.87	20.37	21.37	20.90	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44E
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12791

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED3-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

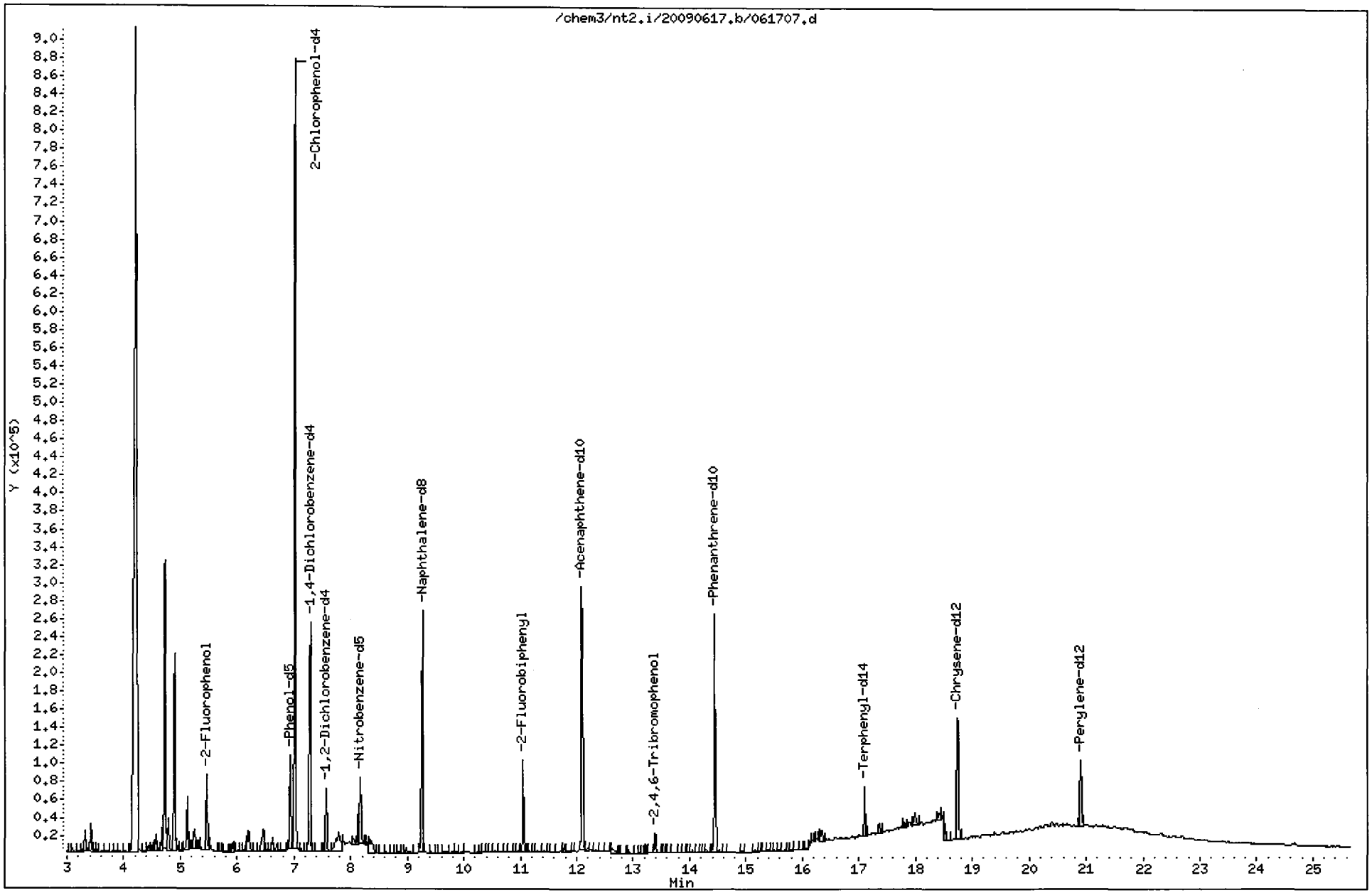
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	227.6	164.7	72.36	30-160
$ 2 Phenol-d5	227.6	162.5	71.39	30-160
$ 5 2-Chlorophenol-d4	227.6	175.6	77.14	30-160
$ 10 1,2-Dichlorobenzen	151.7	93.13	61.38	30-160
$ 18 Nitrobenzene-d5	151.7	110.9	73.12	30-160
$ 36 2-Fluorobiphenyl	151.7	125.7	82.83	30-160
$ 55 2,4,6-Tribromophen	227.6	215.3	94.60	30-160
$ 66 Terphenyl-d14	151.7	170.6	112.42	30-160

Data File: /chem3/nt2.i/20090617.b/061707.d
Date : 17-JUN-2009 16:40
Client ID: 3SED3-B
Sample Info: PB44E,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PBHL-06623



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44F
LIMS ID: 09-12792
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 17:07
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.0**	**7.8**
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	56.0%	d5-Phenol	55.2%
2-Fluorophenol	53.3%	d4-2-Chlorophenol	59.5%
d4-1,2-Dichlorobenzene	48.8%	d5-Nitrobenzene	55.2%
2,4,6-Tribromophenol	69.9%	d14-p-Terphenyl	111%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061611.d
Lab Smp Id: PB44F Client Smp ID: 3SED3-C
Inj Date : 16-JUN-2009 17:07
Operator : VTS Inst ID: nt2.i
Smp Info : PB44F
Misc Info : 09-12792
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	26.20000	Weight of sample extracted (g)
M	36.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.568	5.527	(0.756)	155355	2.00270	120.6
$	2 Phenol-d5	99	7.008	6.961	(0.951)	212449	2.06829	124.5
	3 Phenol	94	7.019	6.972	(0.953)	10118	0.07386	4.447
$	5 2-Chlorophenol-d4	132	7.100	7.076	(0.964)	153667	2.22613	134.0
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.367	7.368	(1.000)	129841	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.661	7.645	(1.040)	60289	1.22218	73.58
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.112	8.096	(1.101)	6414	0.07572	4.558
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.266	8.250	(0.885)	143610	1.37657	82.87
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.342	9.343	(1.000)	384314	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.145	11.128	(0.915)	199785	1.40005	84.29
	39 Dimethylphthalate	163	11.871	11.855	(0.974)	16898	0.11294	6.799
*	42 Acenaphthene-d10	162	12.183	12.166	(1.000)	200024	2.00000	
	50 Diethylphthalate	149	13.010	13.008	(1.068)	10836	0.07106	4.278
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.473	13.460	(0.927)	39034	2.61517	157.4
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.376	14.360	(0.989)	4399	0.20713	12.47
*	59 Phenanthrene-d10	188	14.530	14.529	(1.000)	315754	2.00000	
$	66 Terphenyl-d14	244	17.178	17.167	(0.912)	116143	2.78267	167.5
	67 Butylbenzylphthalate	149	18.080	18.046	(0.960)	10705	0.20511	12.35(M)
*	69 Chrysene-d12	240	18.829	18.814	(1.000)	134175	2.00000	
*	77 Perylene-d12	264	20.999	20.953	(1.000)	55840	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.430	22.400	(1.068)	3254	0.12546	7.553(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061611.d
Lab Smp Id: PB44F
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12792

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED3-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	129841	8.40
27 Naphthalene-d8	372217	186108	744434	384314	3.25
42 Acenaphthene-d10	182713	91356	365426	200024	9.47
59 Phenanthrene-d10	286879	143440	573758	315754	10.07
69 Chrysene-d12	251912	125956	503824	134175	-46.74
77 Perylene-d12	231524	115762	463048	55840	-75.88 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	-0.01
27 Naphthalene-d8	9.34	8.84	9.84	9.34	-0.01
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.13
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.01
69 Chrysene-d12	18.81	18.31	19.31	18.83	0.08
77 Perylene-d12	20.95	20.45	21.45	21.00	0.22

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44F
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12792

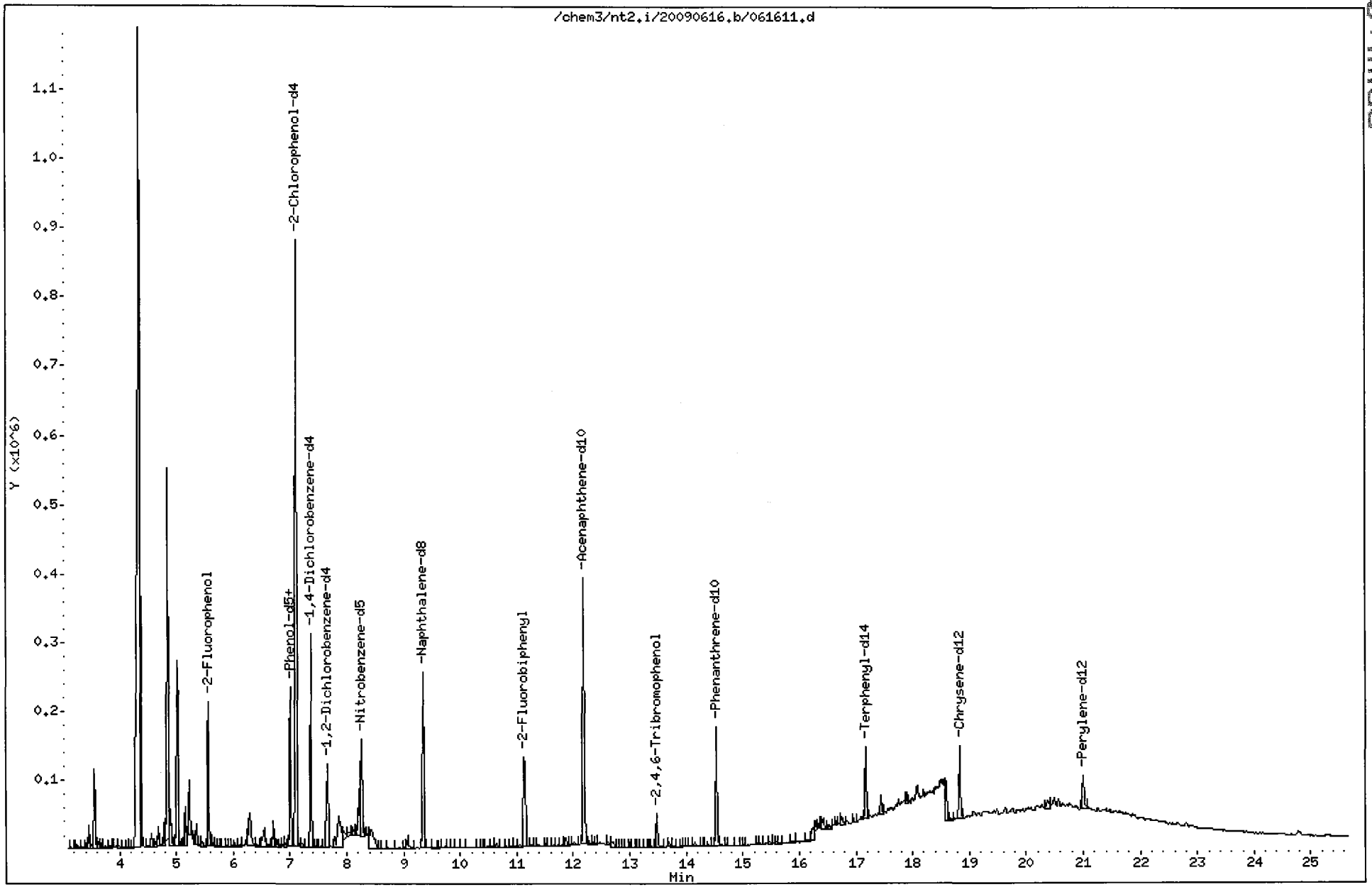
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED3-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	225.8	120.6	53.41	30-160
$ 2 Phenol-d5	225.8	124.5	55.15	30-160
$ 5 2-Chlorophenol-d4	225.8	134.0	59.36	30-160
$ 10 1,2-Dichlorobenzen	150.5	73.58	48.89	30-160
$ 18 Nitrobenzene-d5	150.5	82.87	55.06	30-160
$ 36 2-Fluorobiphenyl	150.5	84.29	56.00	30-160
$ 55 2,4,6-Tribromophen	225.8	157.4	69.74	30-160
$ 66 Terphenyl-d14	150.5	167.5	111.31	30-160

Data File: /chem3/nt2.i/20090616.b/061611.d
Date : 16-JUN-2009 17:07
Client ID: 3SED3-C
Sample Info: PB44F
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB44F 3SED3



Data File: /chem3/nt2.i/20090616.b/061611.d

Date : 16-JUN-2009 17:07

Client ID: 3SED3-C

Instrument: nt2.i

Sample Info: PB44F

Volume Injected (uL): 2.0

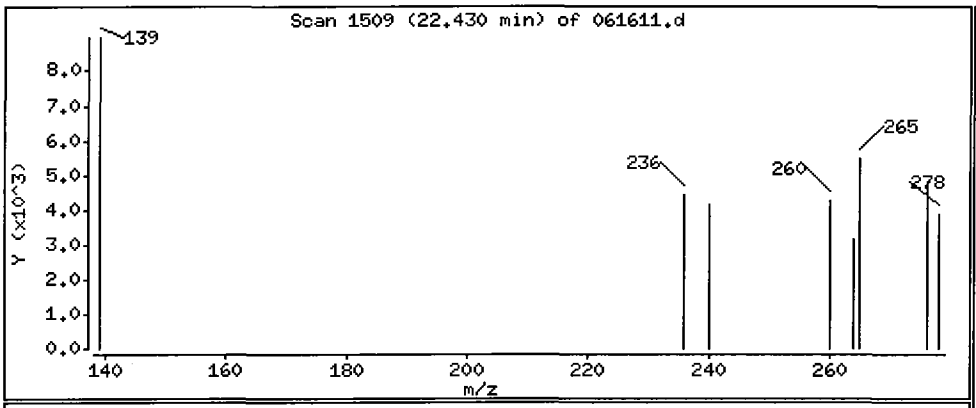
Operator: VTS

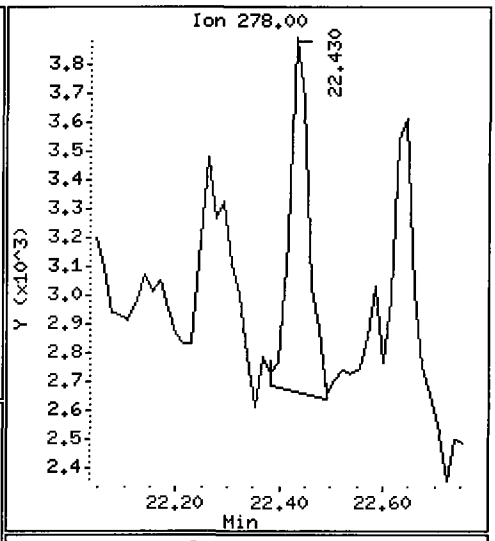
Column phase: ZB-5

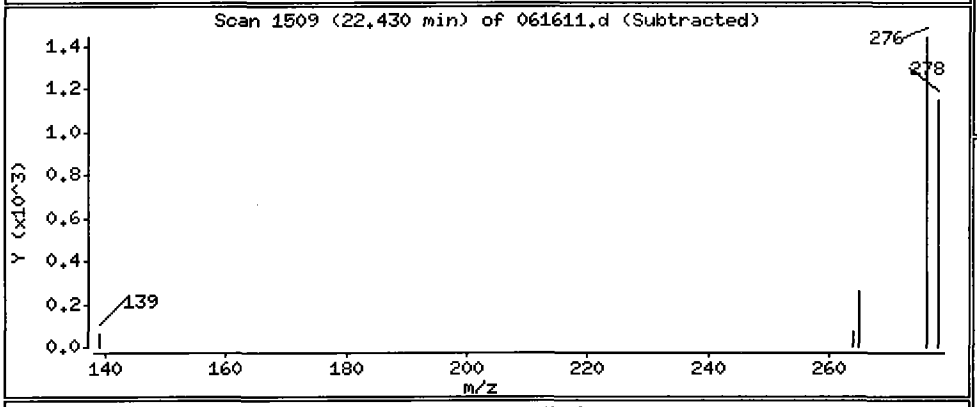
Column diameter: 0.32

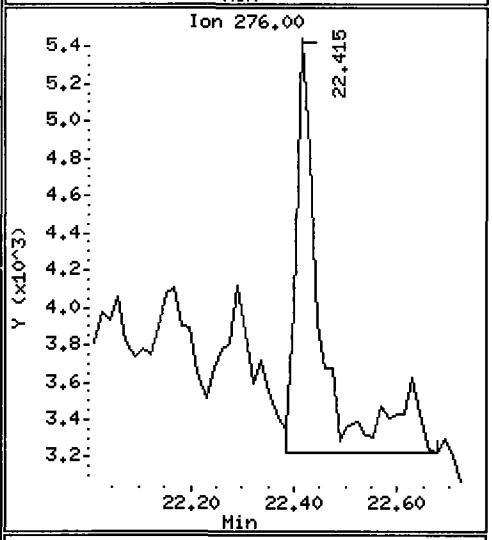
79 Dibenzo(a,h)anthracene

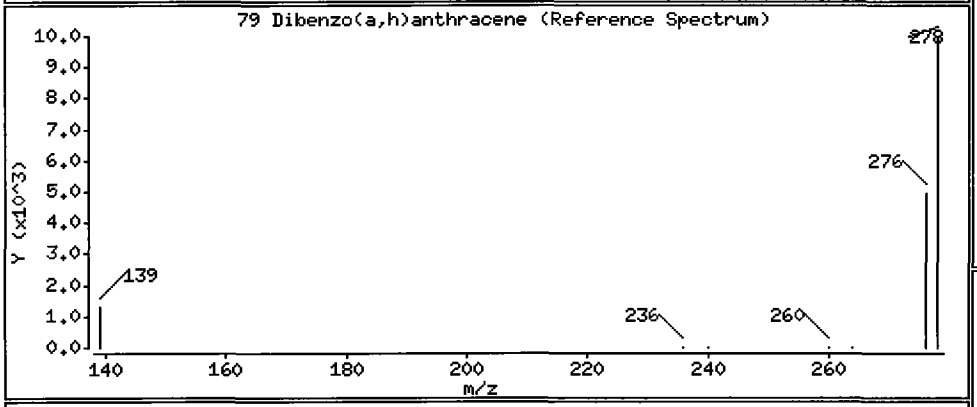
Concentration: 7.553 ug/kg

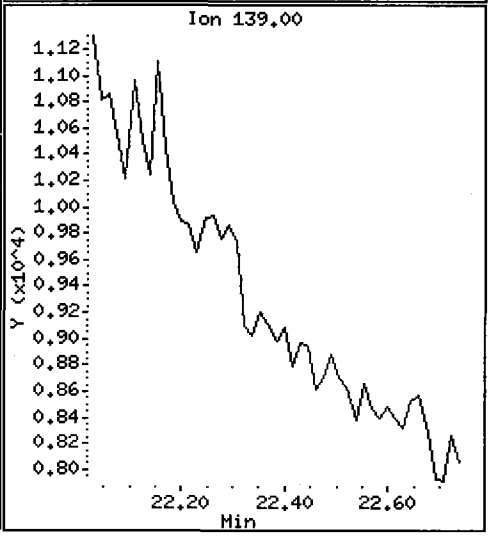


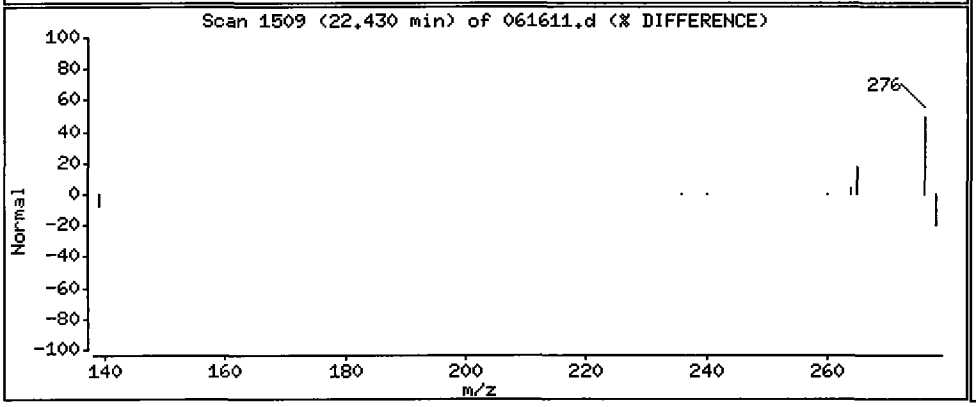












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED3-C**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44F
LIMS ID: 09-12792
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 17:14
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	45	< 45 U
85-68-7	Butylbenzylphthalate	45	< 45 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	90	< 90 U
87-86-5	Pentachlorophenol	90	< 90 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	61.2%	d5-Phenol	51.2%
2-Fluorophenol	52.8%	d4-2-Chlorophenol	64.0%
d4-1,2-Dichlorobenzene	46.8%	d5-Nitrobenzene	54.0%
2,4,6-Tribromophenol	63.2%	d14-p-Terphenyl	85.2%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061708.d
Lab Smp Id: PB44F Client Smp ID: 3SED3-C
Inj Date : 17-JUN-2009 17:14
Operator : VTS Inst ID: nt2.i
Smp Info : PB44F,3
Misc Info : 09-12792
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 8
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	26.20000	Weight of sample extracted (g)
M	36.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.460	5.445	(0.750)	57460	0.65865	119.0
$	2 Phenol-d5	99	6.911	6.888	(0.949)	74161	0.64199	115.9
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.004	6.992	(0.962)	62174	0.80090	144.6
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.284	7.284	(1.000)	146021	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	21803	0.39301	70.98
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.165	8.165	(0.882)	49690	0.44502	80.37
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.262	9.263	(1.000)	411327	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.046	11.046	(0.914)	74422	0.51203	92.48
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.084	12.084	(1.000)	203735	2.00000	
	50 Diethylphthalate	149	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.380	13.380	(0.926)	13682	0.78831	142.4
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.291	14.291	(0.989)	1498	0.06066	10.96
*	59 Phenanthrene-d10	188	14.445	14.445	(1.000)	367162	2.00000	
$	66 Terphenyl-d14	244	17.090	17.090	(0.912)	46037	0.70652	127.6
	67 Butylbenzylphthalate	149	17.992	17.970	(0.960)	11151	0.13686	24.72
*	69 Chrysene-d12	240	18.746	18.730	(1.000)	209470	2.00000	
*	77 Perylene-d12	264	20.900	20.869	(1.000)	90389	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061708.d
Lab Smp Id: PB44F
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12792

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED3-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	146021	21.90
27 Naphthalene-d8	372217	186108	744434	411327	10.51
42 Acenaphthene-d10	182713	91356	365426	203735	11.51
59 Phenanthrene-d10	286879	143440	573758	367162	27.98
69 Chrysene-d12	251912	125956	503824	209470	-16.85
77 Perylene-d12	231524	115762	463048	90389	-60.96 <-

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.00
27 Naphthalene-d8	9.26	8.76	9.76	9.26	0.00
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	0.00
59 Phenanthrene-d10	14.45	13.95	14.95	14.44	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.75	0.08
77 Perylene-d12	20.87	20.37	21.37	20.90	0.15

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44F
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12792

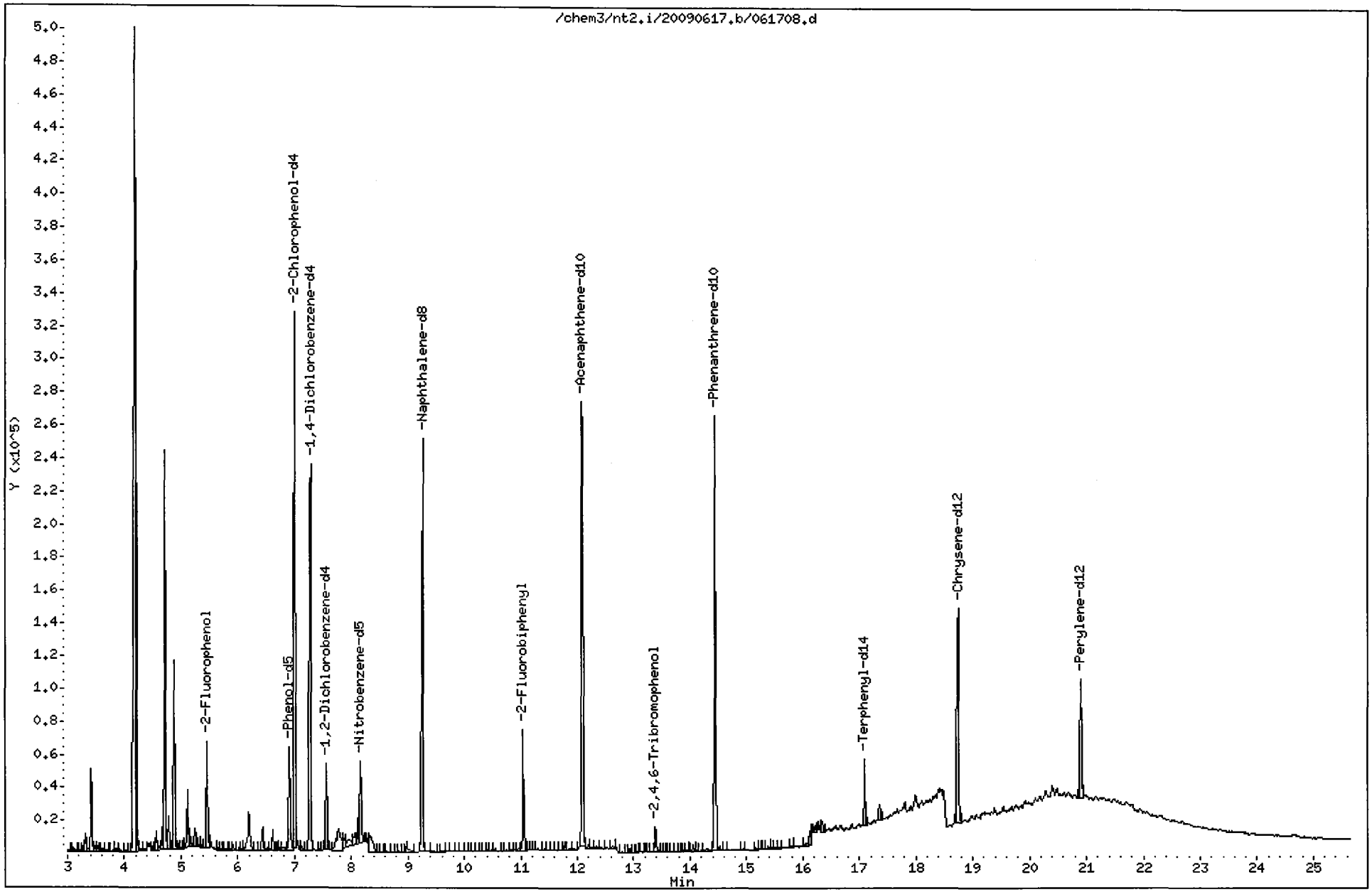
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED3-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	225.8	119.0	52.69	30-160
$ 2 Phenol-d5	225.8	115.9	51.36	30-160
$ 5 2-Chlorophenol-d4	225.8	144.6	64.07	30-160
$ 10 1,2-Dichlorobenzen	150.5	70.98	47.16	30-160
$ 18 Nitrobenzene-d5	150.5	80.37	53.40	30-160
$ 36 2-Fluorobiphenyl	150.5	92.48	61.44	30-160
$ 55 2,4,6-Tribromophen	225.8	142.4	63.06	30-160
$ 66 Terphenyl-d14	150.5	127.6	84.78	30-160

Data File: /chem3/nt2.i/20090617.b/061708.d
Date : 17-JUN-2009 17:14
Client ID: 3SED3-C
Sample Info: PB44F,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB44F:99612



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44G
LIMS ID: 09-12793
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 17:41
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	Hexachlorobenzene	6.0	< 6.0 U
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	80.8%	d5-Phenol	73.3%
2-Fluorophenol	73.6%	d4-2-Chlorophenol	92.0%
d4-1,2-Dichlorobenzene	70.8%	d5-Nitrobenzene	73.6%
2,4,6-Tribromophenol	91.7%	d14-p-Terphenyl	161%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061612.d
Lab Smp Id: PB44G Client Smp ID: 3SED6-A
Inj Date : 16-JUN-2009 17:41
Operator : VTS Inst ID: nt2.i
Smp Info : PB44G
Misc Info : 09-12793
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	20.60000	Weight of sample extracted (g)
M	19.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.575	5.527	(0.757)	215454	2.76437	166.9
$	2 Phenol-d5	99	7.007	6.961	(0.951)	283928	2.75116	166.1
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.099	7.076	(0.964)	238978	3.44572	208.0
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.368	7.368	(1.000)	130455	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.662	7.645	(1.040)	87876	1.77304	107.1
	11 Benzyl alcohol	79	7.645	7.627	(1.038)	5090	0.05782	3.491(H)
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.266	8.250	(0.885)	188445	1.83626	110.9
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.343	9.343	(1.000)	378052	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.128	11.128	(0.913)	274777	2.02326	122.2
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.183	12.166	(1.000)	190367	2.00000	
	50 Diethylphthalate	149	13.008	13.008	(1.068)	50350	0.34695	20.95
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.471	13.460	(0.927)	53122	3.44181	207.8
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.528	14.529	(1.000)	326508	2.00000	
$	66 Terphenyl-d14	244	17.178	17.167	(0.913)	169168	4.02038	242.7(R)
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.814	18.814	(1.000)	135267	2.00000	
*	77 Perylene-d12	264	20.968	20.953	(1.000)	49698	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061612.d
Lab Smp Id: PB44G
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12793

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED6-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	130455	8.91
27 Naphthalene-d8	372217	186108	744434	378052	1.57
42 Acenaphthene-d10	182713	91356	365426	190367	4.19
59 Phenanthrene-d10	286879	143440	573758	326508	13.81
69 Chrysene-d12	251912	125956	503824	135267	-46.30
77 Perylene-d12	231524	115762	463048	49698	-78.53

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	0.00
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.00
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.14
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.00
69 Chrysene-d12	18.81	18.31	19.31	18.81	0.00
77 Perylene-d12	20.95	20.45	21.45	20.97	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44G
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12793

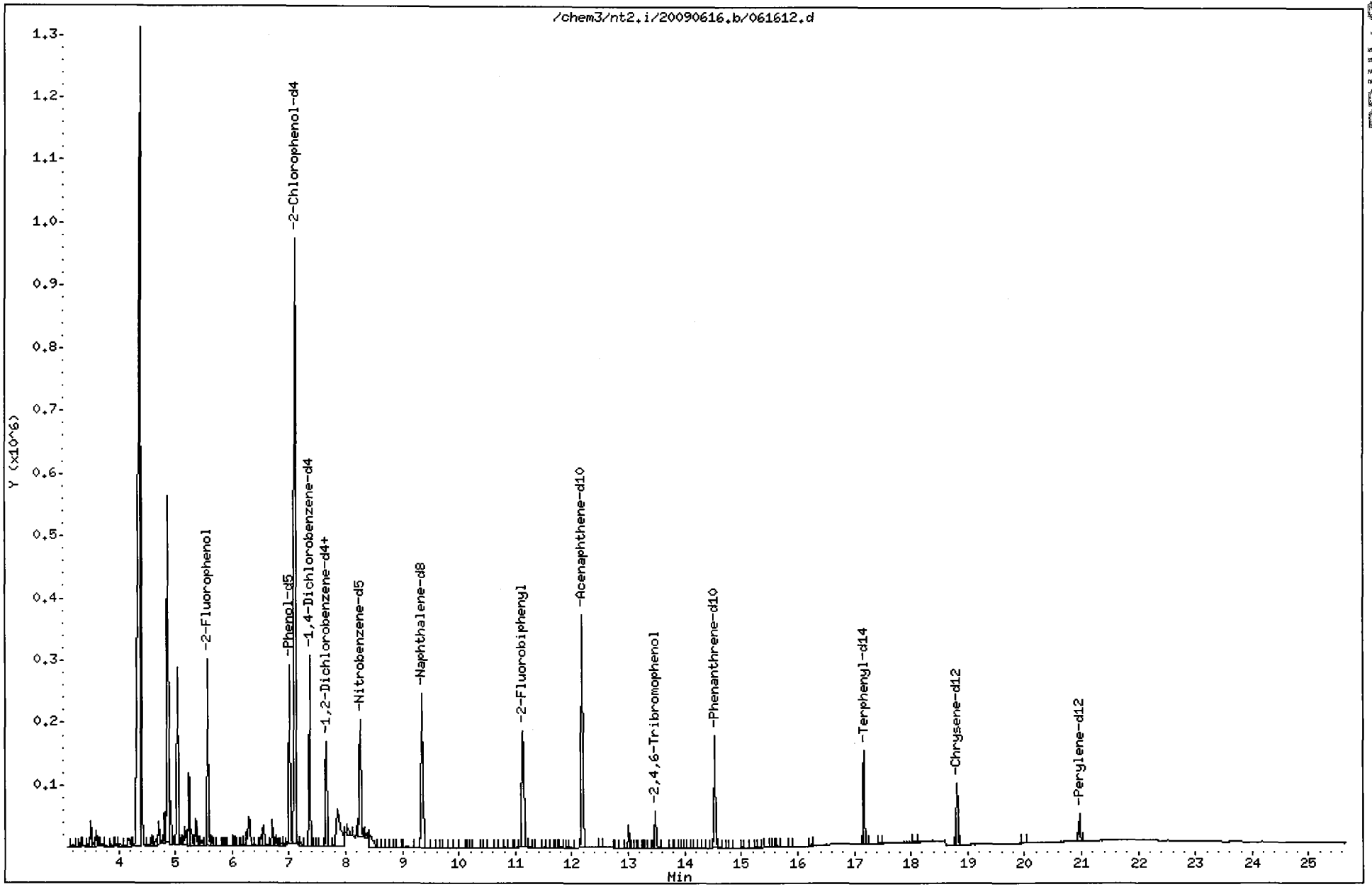
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	226.4	166.9	73.72	30-160
$ 2 Phenol-d5	226.4	166.1	73.36	30-160
$ 5 2-Chlorophenol-d4	226.4	208.0	91.89	30-160
$ 10 1,2-Dichlorobenzen	150.9	107.1	70.92	30-160
$ 18 Nitrobenzene-d5	150.9	110.9	73.45	30-160
$ 36 2-Fluorobiphenyl	150.9	122.2	80.93	30-160
$ 55 2,4,6-Tribromophen	226.4	207.8	91.78	30-160
$ 66 Terphenyl-d14	150.9	242.7	160.82*	30-160

Data File: /chem3/nt2.i/20090616.b/061612.d
Date : 16-JUN-2009 17:41
Client ID: 3SED6-A
Sample Info: PB44G
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB44G 06/16/09



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-A**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44G
LIMS ID: 09-12793
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 17:48
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	45	< 45 U
85-68-7	Butylbenzylphthalate	45	< 45 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	90	< 90 U
87-86-5	Pentachlorophenol	90	< 90 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	76.8%	d5-Phenol	70.4%
2-Fluorophenol	72.0%	d4-2-Chlorophenol	84.8%
d4-1,2-Dichlorobenzene	67.2%	d5-Nitrobenzene	72.0%
2,4,6-Tribromophenol	95.2%	d14-p-Terphenyl	131%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061709.d
Lab Smp Id: PB44G Client Smp ID: 3SED6-A
Inj Date : 17-JUN-2009 17:48
Operator : VTS Inst ID: nt2.i
Smp Info : PB44G,3
Misc Info : 09-12793
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 9
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	20.60000	Weight of sample extracted (g)
M	19.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.460	5.445	(0.750)	76145	0.90181	163.3
$	2 Phenol-d5	99	6.912	6.888	(0.949)	97986	0.87641	158.7
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.004	6.992	(0.962)	79933	1.06385	192.7
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.284	7.284	(1.000)	141328	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	29980	0.55836	101.1
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.166	8.165	(0.882)	67372	0.59849	108.4
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.262	9.263	(1.000)	414691	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.045	11.046	(0.914)	92480	0.64250	116.4
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.083	12.084	(1.000)	201761	2.00000	
	50 Diethylphthalate	149	12.927	12.928	(1.070)	16698	0.10856	19.66
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.379	13.380	(0.926)	20625	1.19373	216.2
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.444	14.445	(1.000)	365506	2.00000	
$	66 Terphenyl-d14	244	17.089	17.090	(0.912)	74504	1.09421	198.2
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.729	18.730	(1.000)	218886	2.00000	
*	77 Perylene-d12	264	20.883	20.869	(1.000)	85770	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061709.d
Lab Smp Id: PB44G
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12793

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED6-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
8 1,4-Dichlorobenze	119785	59892	239570	141328	17.98	
27 Naphthalene-d8	372217	186108	744434	414691	11.41	
42 Acenaphthene-d10	182713	91356	365426	201761	10.43	
59 Phenanthrene-d10	286879	143440	573758	365506	27.41	
69 Chrysene-d12	251912	125956	503824	218886	-13.11	
77 Perylene-d12	231524	115762	463048	85770	-62.95	<-

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.00
27 Naphthalene-d8	9.26	8.76	9.76	9.26	-0.01
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	-0.01
59 Phenanthrene-d10	14.45	13.95	14.95	14.44	-0.01
69 Chrysene-d12	18.73	18.23	19.23	18.73	-0.01
77 Perylene-d12	20.87	20.37	21.37	20.88	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44G
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12793

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

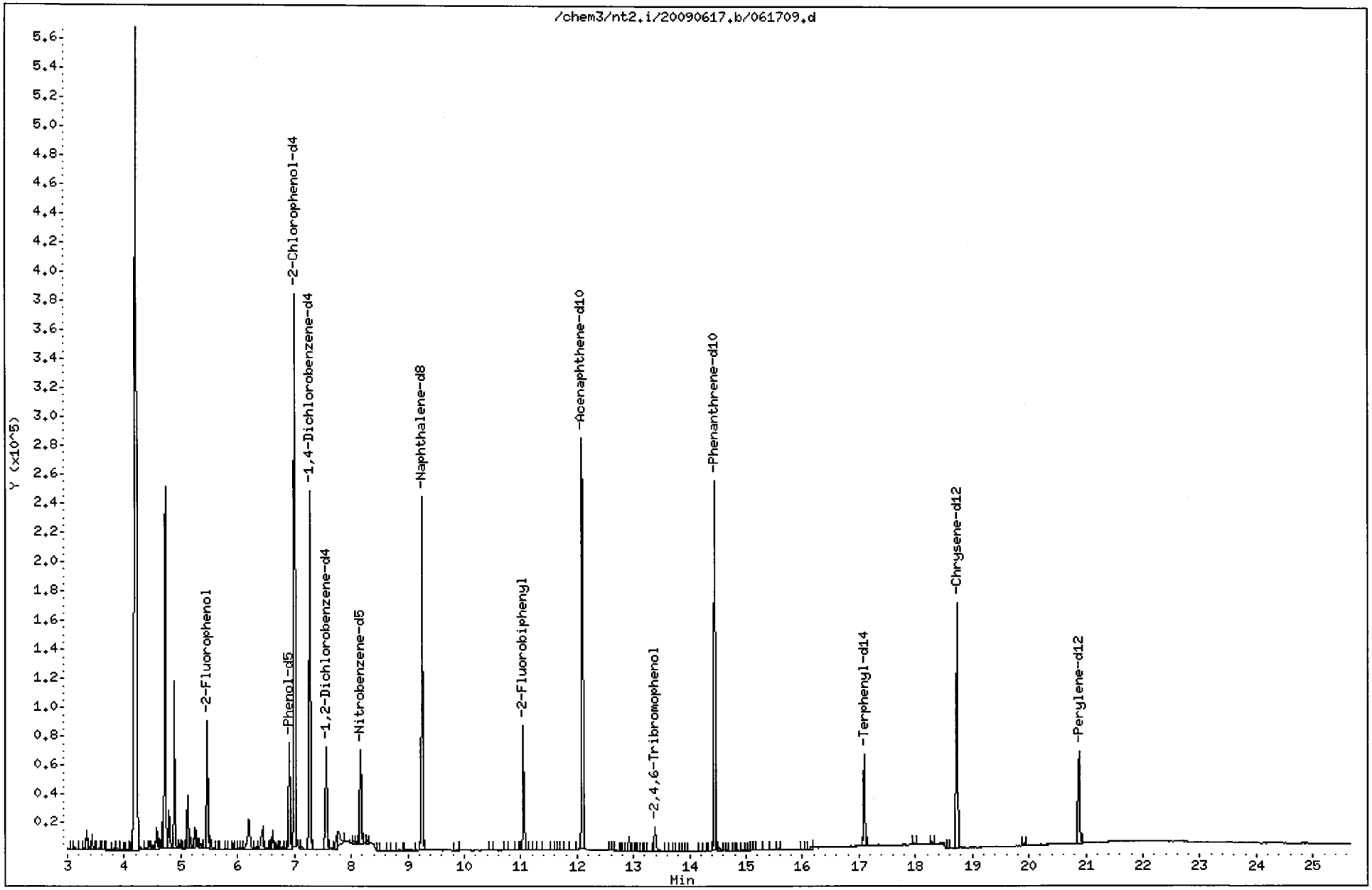
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	226.4	163.3	72.14	30-160
$ 2 Phenol-d5	226.4	158.7	70.11	30-160
$ 5 2-Chlorophenol-d4	226.4	192.7	85.11	30-160
$ 10 1,2-Dichlorobenzen	150.9	101.1	67.00	30-160
$ 18 Nitrobenzene-d5	150.9	108.4	71.82	30-160
$ 36 2-Fluorobiphenyl	150.9	116.4	77.10	30-160
$ 55 2,4,6-Tribromophen	226.4	216.2	95.50	30-160
$ 66 Terphenyl-d14	150.9	198.2	131.31	30-160

Data File: /chem3/nt2.i/20090617.b/061709.d
Date : 17-JUN-2009 17:48
Client ID: 3SED6-A
Sample Info: PB44G,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB44:061709



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 18:15
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	5.9	< 5.9 U
106-46-7	1,4-Dichlorobenzene	5.9	< 5.9 U
120-82-1	1,2,4-Trichlorobenzene	5.9	< 5.9 U
118-74-1	Hexachlorobenzene	5.9	< 5.9 U
87-68-3	Hexachlorobutadiene	5.9	< 5.9 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	5.9	< 5.9 U
105-67-9	2,4-Dimethylphenol	5.9	< 5.9 U
86-30-6	N-Nitrosodiphenylamine	5.9	< 5.9 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	5.9	< 5.9 U
541-73-1	1,3-Dichlorobenzene	5.9	< 5.9 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	74.8%	d5-Phenol	67.5%
2-Fluorophenol	68.8%	d4-2-Chlorophenol	84.5%
d4-1,2-Dichlorobenzene	68.8%	d5-Nitrobenzene	68.4%
2,4,6-Tribromophenol	86.4%	d14-p-Terphenyl	144%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061613.d
Lab Smp Id: PB44H Client Smp ID: 3SED6-B
Inj Date : 16-JUN-2009 18:15
Operator : VTS Inst ID: nt2.i
Smp Info : PB44H
Misc Info : 09-12794
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	19.50000	Weight of sample extracted (g)
M	13.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.576	5.527	(0.757)	203908	2.58081	152.7
$	2 Phenol-d5	99	7.007	6.961	(0.951)	264407	2.52733	149.5
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.100	7.076	(0.964)	223183	3.17442	187.8
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.367	7.368	(1.000)	132245	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.661	7.645	(1.040)	86266	1.71699	101.6
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.265	8.250	(0.885)	182405	1.70560	100.9
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.343	9.343	(1.000)	393967	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.129	11.128	(0.913)	258878	1.86833	110.5
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.184	12.166	(1.000)	194225	2.00000	
	50 Diethylphthalate	149	13.009	13.008	(1.068)	9674	0.06534	3.865
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.472	13.460	(0.927)	49229	3.23825	191.5
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.529	14.529	(1.000)	321600	2.00000	
$	66 Terphenyl-d14	244	17.178	17.167	(0.913)	165203	3.60092	213.0
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.815	18.814	(1.000)	147484	2.00000	
*	77 Perylene-d12	264	20.969	20.953	(1.000)	63854	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061613.d
Lab Smp Id: PB44H
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12794

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED6-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
8 1,4-Dichlorobenze	119785	59892	239570	132245	10.40	
27 Naphthalene-d8	372217	186108	744434	393967	5.84	
42 Acenaphthene-d10	182713	91356	365426	194225	6.30	
59 Phenanthrene-d10	286879	143440	573758	321600	12.10	
69 Chrysene-d12	251912	125956	503824	147484	-41.45	
77 Perylene-d12	231524	115762	463048	63854	-72.42	<-

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	-0.01
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.00
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.14
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.00
69 Chrysene-d12	18.81	18.31	19.31	18.81	0.00
77 Perylene-d12	20.95	20.45	21.45	20.97	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

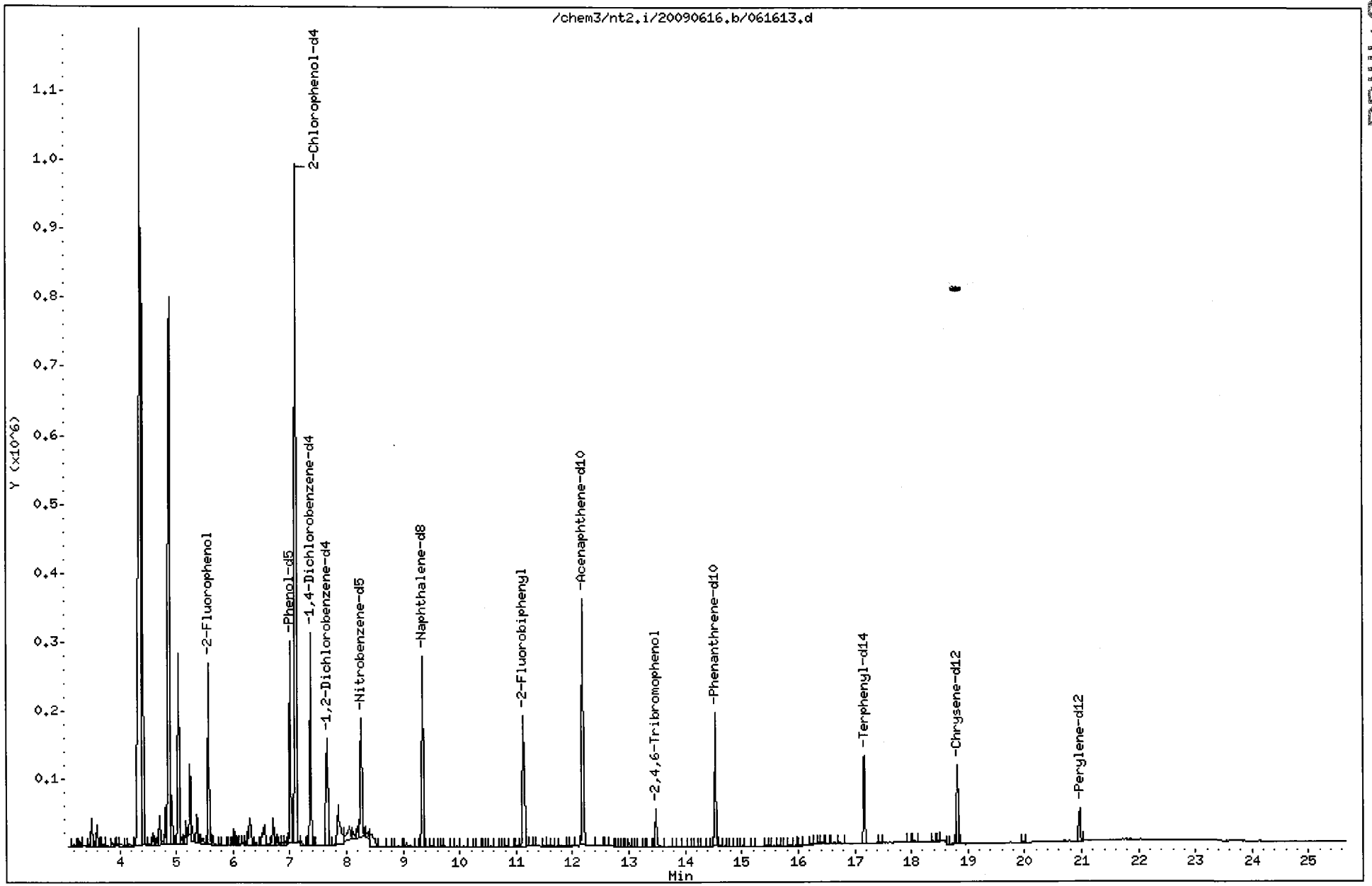
Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44H
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12794

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	221.8	152.7	68.82	30-160
$ 2 Phenol-d5	221.8	149.5	67.40	30-160
$ 5 2-Chlorophenol-d4	221.8	187.8	84.65	30-160
$ 10 1,2-Dichlorobenzen	147.9	101.6	68.68	30-160
$ 18 Nitrobenzene-d5	147.9	100.9	68.22	30-160
$ 36 2-Fluorobiphenyl	147.9	110.5	74.73	30-160
$ 55 2,4,6-Tribromophen	221.8	191.5	86.35	30-160
$ 66 Terphenyl-d14	147.9	213.0	144.04	30-160

Data File: /chem3/nt2.i/20090616.b/061613.d
Date : 16-JUN-2009 18:15
Client ID: 3SED6-B
Sample Info: PB44H
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



PB44H:99999

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 18:23
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	44	< 44 U
85-68-7	Butylbenzylphthalate	44	< 44 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	89	< 89 U
87-86-5	Pentachlorophenol	89	< 89 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	76.8%	d5-Phenol	67.2%
2-Fluorophenol	69.6%	d4-2-Chlorophenol	81.6%
d4-1,2-Dichlorobenzene	67.2%	d5-Nitrobenzene	68.4%
2,4,6-Tribromophenol	77.6%	d14-p-Terphenyl	120%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061710.d
Lab Smp Id: PB44H Client Smp ID: 3SED6-B
Inj Date : 17-JUN-2009 18:23
Operator : VTS Inst ID: nt2.i
Smp Info : PB44H,3
Misc Info : 09-12794
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 10
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	19.50000	Weight of sample extracted (g)
M	13.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.460	5.445	(0.749)	73060	0.87431	155.1
$	2 Phenol-d5	99	6.900	6.888	(0.947)	92770	0.83841	148.8
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.004	6.992	(0.962)	75545	1.01594	180.3
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.285	7.284	(1.000)	139868	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	29727	0.55942	99.27
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.166	8.165	(0.882)	62180	0.56584	100.4
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.262	9.263	(1.000)	404812	2.00000	
30	Hexachlorobutadiene	225	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.045	11.046	(0.914)	93047	0.63855	113.3
39	Dimethylphthalate	163	Compound Not Detected.					
* 42	Acenaphthene-d10	162	12.083	12.084	(1.000)	204255	2.00000	
50	Diethylphthalate	149	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.379	13.380	(0.926)	17265	0.97344	172.7
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.444	14.445	(1.000)	375200	2.00000	
$ 66	Terphenyl-d14	244	17.090	17.090	(0.912)	74537	1.00390	178.1
67	Butylbenzylphthalate	149	Compound Not Detected.					
* 69	Chrysene-d12	240	18.729	18.730	(1.000)	238684	2.00000	
* 77	Perylene-d12	264	20.884	20.869	(1.000)	92093	2.00000	
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061710.d
Lab Smp Id: PB44H
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12794

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED6-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	139868	16.77
27 Naphthalene-d8	372217	186108	744434	404812	8.76
42 Acenaphthene-d10	182713	91356	365426	204255	11.79
59 Phenanthrene-d10	286879	143440	573758	375200	30.79
69 Chrysene-d12	251912	125956	503824	238684	-5.25
77 Perylene-d12	231524	115762	463048	92093	-60.22 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.01
27 Naphthalene-d8	9.26	8.76	9.76	9.26	0.00
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	0.00
59 Phenanthrene-d10	14.45	13.95	14.95	14.44	-0.01
69 Chrysene-d12	18.73	18.23	19.23	18.73	0.00
77 Perylene-d12	20.87	20.37	21.37	20.88	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44H
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12794

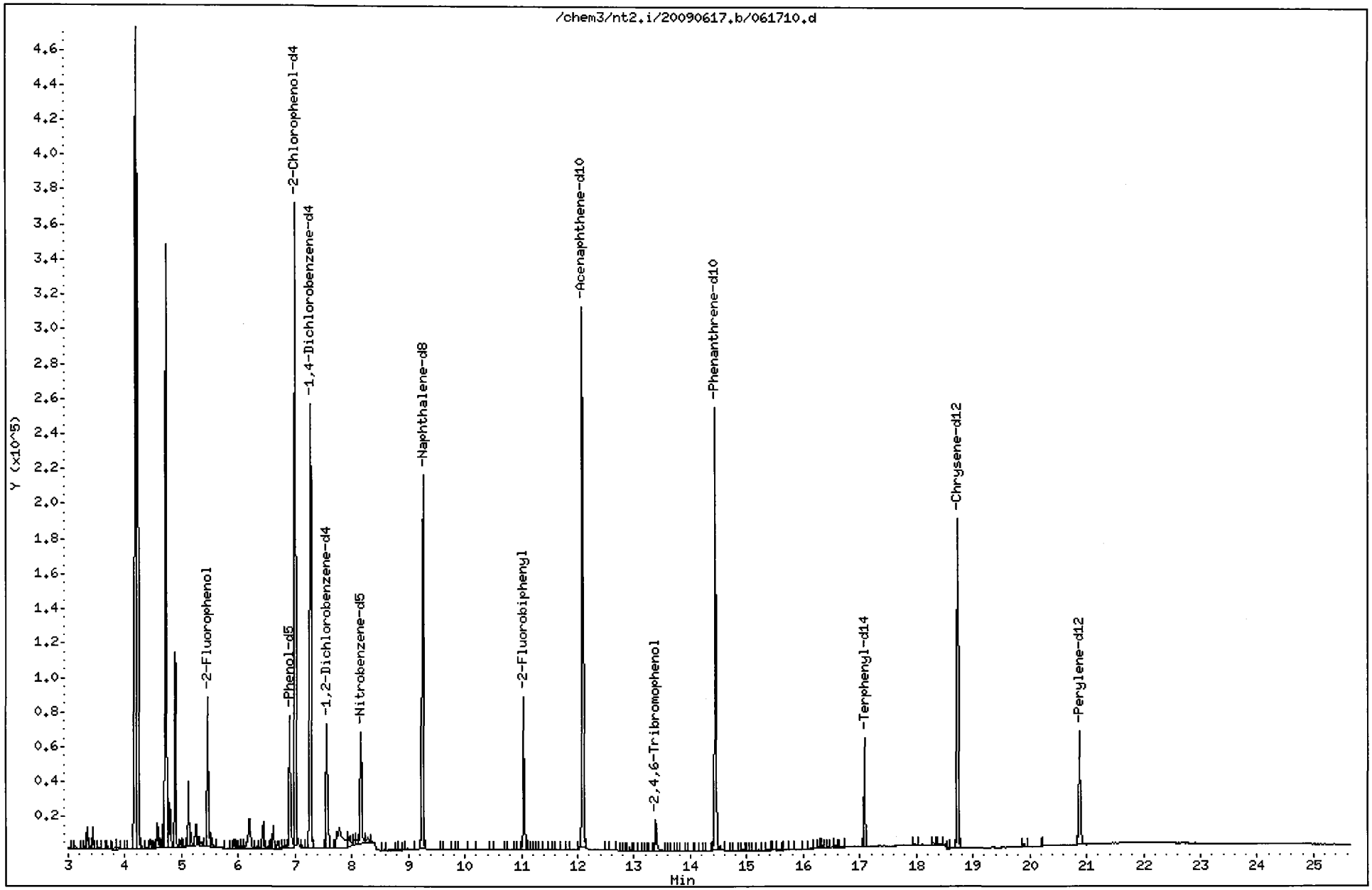
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	221.8	155.1	69.94	30-160
$ 2 Phenol-d5	221.8	148.8	67.07	30-160
$ 5 2-Chlorophenol-d4	221.8	180.3	81.28	30-160
$ 10 1,2-Dichlorobenzen	147.9	99.27	67.13	30-160
$ 18 Nitrobenzene-d5	147.9	100.4	67.90	30-160
$ 36 2-Fluorobiphenyl	147.9	113.3	76.63	30-160
$ 55 2,4,6-Tribromophen	221.8	172.7	77.88	30-160
$ 66 Terphenyl-d14	147.9	178.1	120.47	30-160

Data File: /chem3/nt2.i/20090617.b/061710.d
Date : 17-JUN-2009 18:23
Client ID: 3SED6-B
Sample Info: PB44H,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 19:58
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	< 6.0 U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0 U
120-82-1	1,2,4-Trichlorobenzene	6.0	< 6.0 U
118-74-1	**Hexachlorobenzene**	**6.0**	**110**
87-68-3	Hexachlorobutadiene	6.0	< 6.0 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.0	< 6.0 U
105-67-9	2,4-Dimethylphenol	6.0	< 6.0 U
86-30-6	N-Nitrosodiphenylamine	6.0	< 6.0 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0 U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.0%	d5-Phenol	68.3%
2-Fluorophenol	70.7%	d4-2-Chlorophenol	88.3%
d4-1,2-Dichlorobenzene	68.4%	d5-Nitrobenzene	67.6%
2,4,6-Tribromophenol	89.6%	d14-p-Terphenyl	156%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061616.d
Lab Smp Id: PB44I Client Smp ID: 3SED6-C
Inj Date : 16-JUN-2009 19:58
Operator : VTS Inst ID: nt2.i
Smp Info : PB44I
Misc Info : 09-12795
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	19.60000	Weight of sample extracted (g)
M	14.50000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.574	5.527	(0.757)	203941	2.64846	158.0
$	2 Phenol-d5	99	7.008	6.961	(0.951)	261147	2.56119	152.8
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.100	7.076	(0.964)	226735	3.30894	197.5
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.367	7.368	(1.000)	128888	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.661	7.645	(1.040)	83948	1.71438	102.3
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.265	8.250	(0.885)	175964	1.68729	100.7
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.344	9.343	(1.000)	384179	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.129	11.128	(0.913)	271414	2.04843	122.2
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.184	12.166	(1.000)	185726	2.00000	
	50 Diethylphthalate	149	13.009	13.008	(1.068)	13047	0.09215	5.499
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.472	13.460	(0.927)	52268	3.35940	200.5
	57 Hexachlorobenzene	284	14.068	14.067	(0.968)	65351	1.81549	108.3
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.529	14.529	(1.000)	329140	2.00000	
$	66 Terphenyl-d14	244	17.167	17.167	(0.913)	175063	3.90028	232.7
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.813	18.814	(1.000)	144291	2.00000	
*	77 Perylene-d12	264	20.967	20.953	(1.000)	59775	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061616.d
Lab Smp Id: PB44I
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12795

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED6-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	128888	7.60
27 Naphthalene-d8	372217	186108	744434	384179	3.21
42 Acenaphthene-d10	182713	91356	365426	185726	1.65
59 Phenanthrene-d10	286879	143440	573758	329140	14.73
69 Chrysene-d12	251912	125956	503824	144291	-42.72
77 Perylene-d12	231524	115762	463048	59775	-74.18 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	-0.02
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.01
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.15
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.00
69 Chrysene-d12	18.81	18.31	19.31	18.81	-0.01
77 Perylene-d12	20.95	20.45	21.45	20.97	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44I
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12795

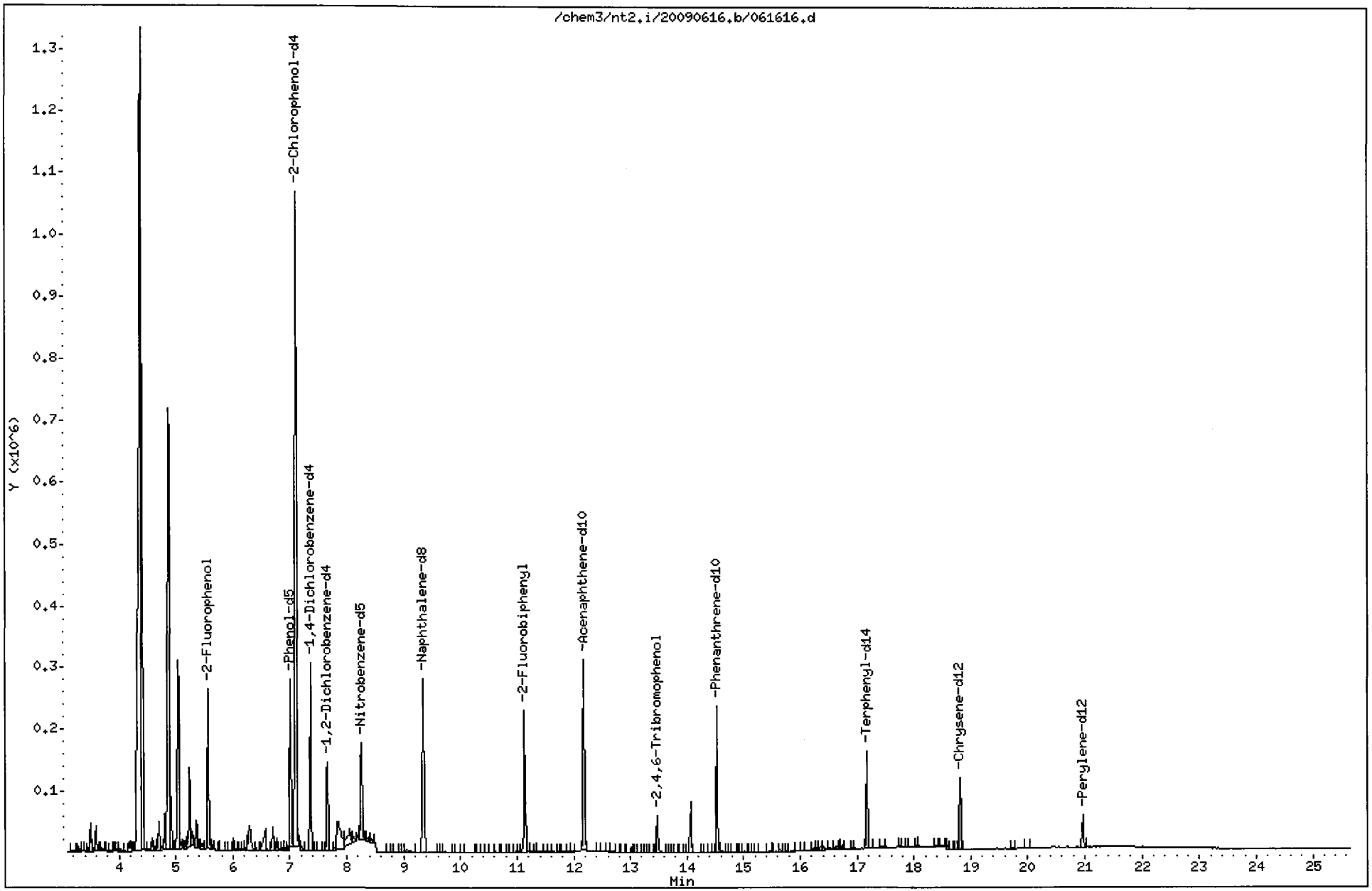
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	223.8	158.0	70.63	30-160
$ 2 Phenol-d5	223.8	152.8	68.30	30-160
$ 5 2-Chlorophenol-d4	223.8	197.5	88.24	30-160
$ 10 1,2-Dichlorobenzen	149.2	102.3	68.58	30-160
$ 18 Nitrobenzene-d5	149.2	100.7	67.49	30-160
$ 36 2-Fluorobiphenyl	149.2	122.2	81.94	30-160
$ 55 2,4,6-Tribromophen	223.8	200.5	89.58	30-160
$ 66 Terphenyl-d14	149.2	232.7	156.01	30-160

Data File: /chem3/nt2.i/20090616.b/061616.d
Date : 16-JUN-2009 19:58
Client ID: 3SED6-C
Sample Info: PB44I
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB44I:66572



Data File: /chem3/nt2.i/20090616.b/061616.d

Date : 16-JUN-2009 19:58

Client ID: 3SED6-C

Instrument: nt2.i

Sample Info: PB44I

Volume Injected (uL): 2.0

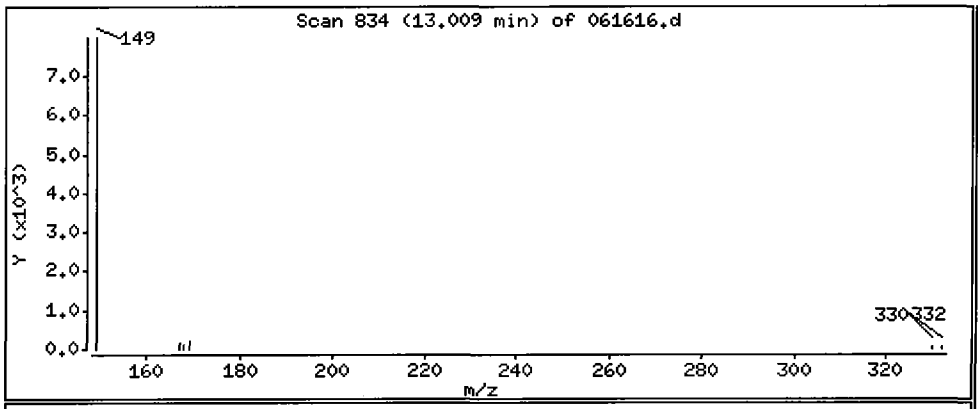
Operator: VTS

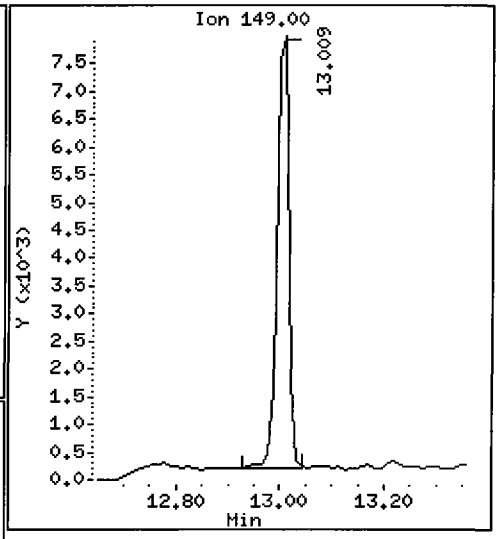
Column phase: ZB-5

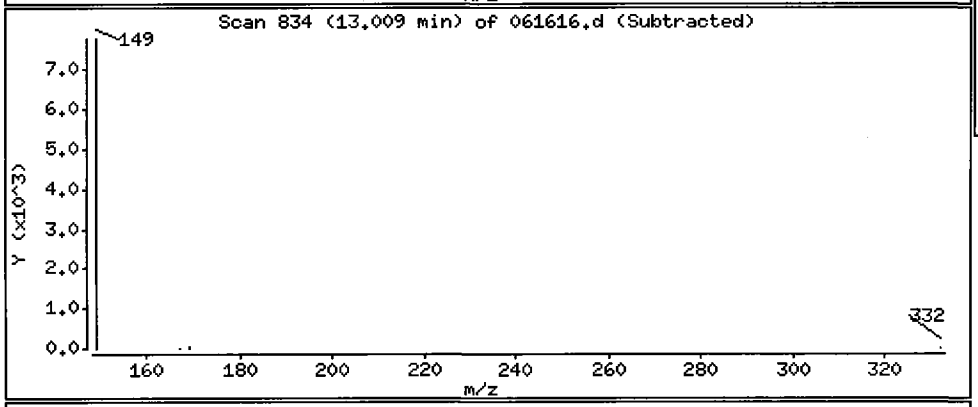
Column diameter: 0.32

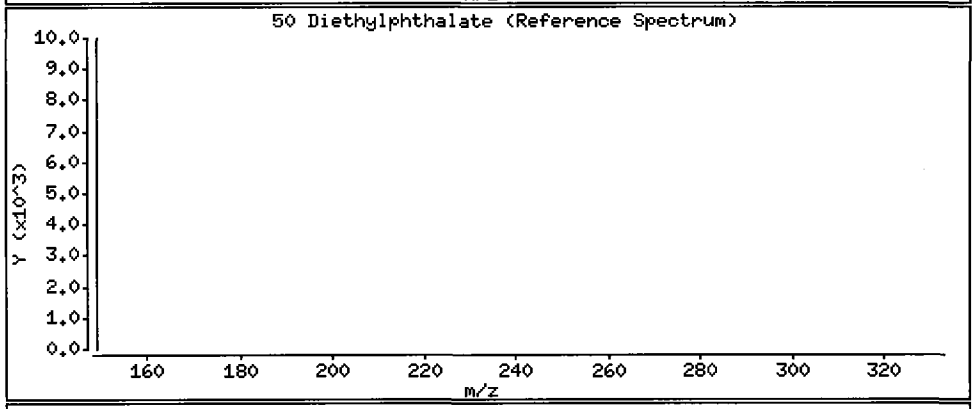
50 Diethylphthalate

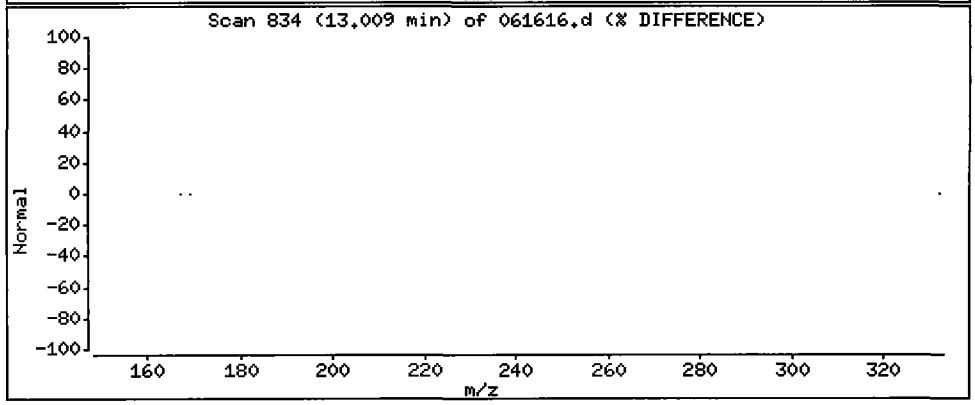
Concentration: 5.499 ug/kg











Data File: /chem3/nt2.i/20090616.b/061616.d

Date : 16-JUN-2009 19:58

Client ID: 3SED6-C

Instrument: nt2.i

Sample Info: PB44I

Volume Injected (uL): 2.0

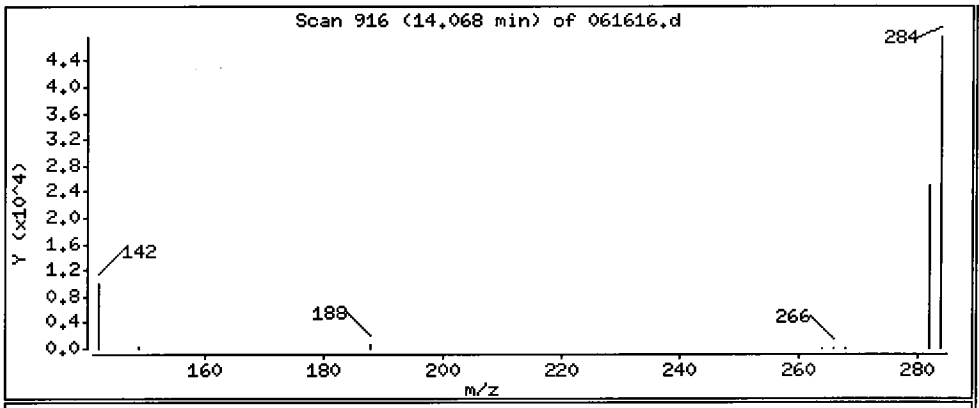
Operator: VTS

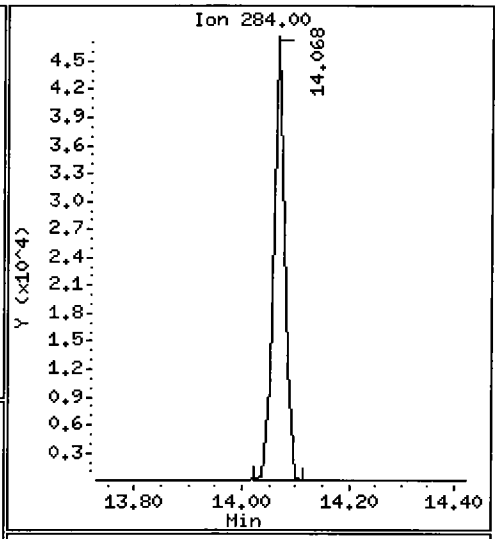
Column phase: ZB-5

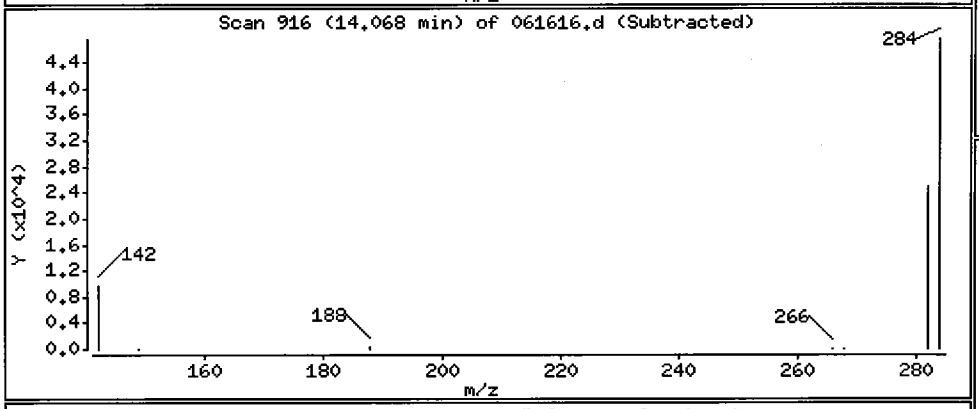
Column diameter: 0.32

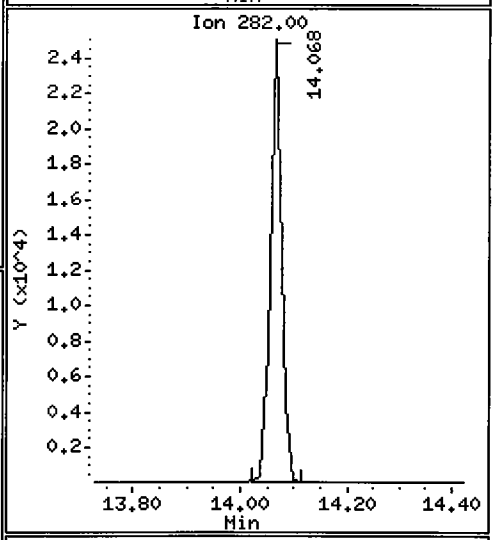
57 Hexachlorobenzene

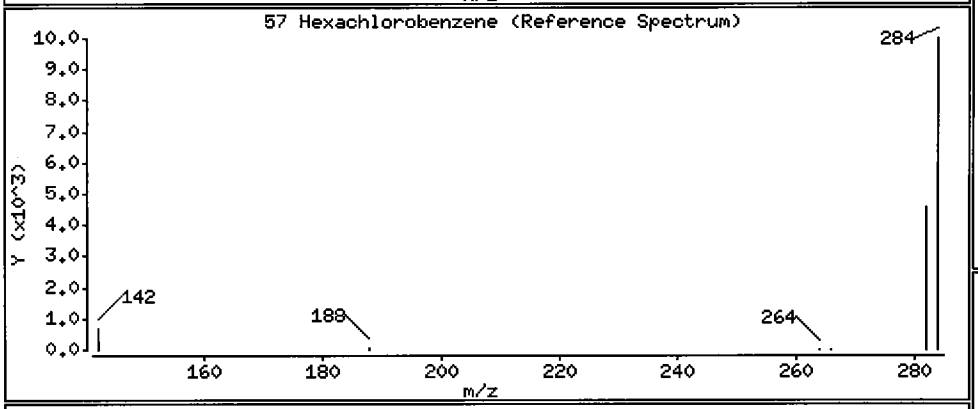
Concentration: 108.3 ug/kg

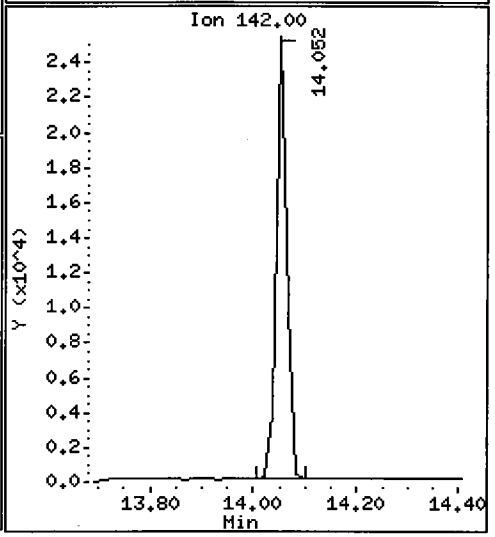


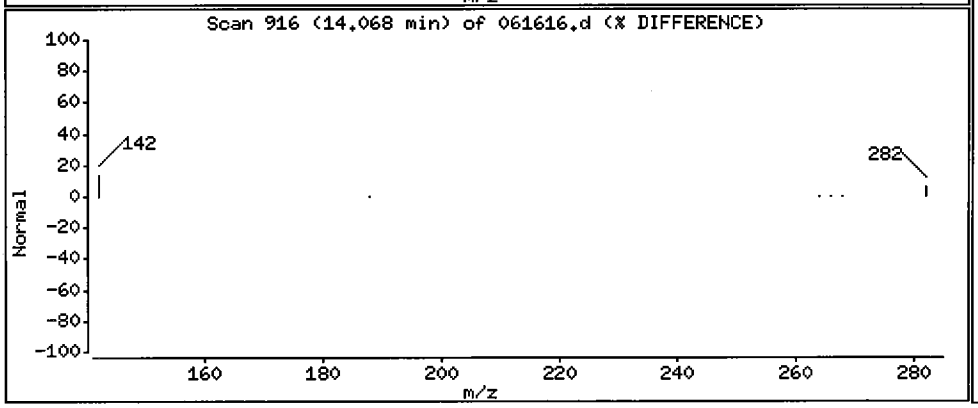












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-C**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 20:06
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	**Hexachlorobenzene**	**18**	**100**
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	45	< 45 U
85-68-7	Butylbenzylphthalate	45	< 45 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	89	< 89 U
87-86-5	Pentachlorophenol	89	< 89 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	79.2%	d5-Phenol	70.4%
2-Fluorophenol	70.4%	d4-2-Chlorophenol	85.6%
d4-1,2-Dichlorobenzene	68.4%	d5-Nitrobenzene	73.2%
2,4,6-Tribromophenol	80.8%	d14-p-Terphenyl	126%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061713.d
Lab Smp Id: PB44I Client Smp ID: 3SED6-C
Inj Date : 17-JUN-2009 20:06
Operator : VTS Inst ID: nt2.i
Smp Info : PB44I,3
Misc Info : 09-12795
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 13
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	19.60000	Weight of sample extracted (g)
M	14.50000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.462	5.445	(0.750)	71268	0.87645	156.9
$	2 Phenol-d5	99	6.912	6.888	(0.949)	94674	0.87928	157.4
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.004	6.992	(0.962)	77755	1.07458	192.4
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.284	7.284	(1.000)	136104	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	29623	0.57288	102.6
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.165	8.165	(0.883)	63457	0.61337	109.8
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.244	9.263	(1.000)	381115	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.044	11.046	(0.914)	96690	0.65649	117.5
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.083	12.084	(1.000)	206451	2.00000	
	50 Diethylphthalate	149	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.380	13.380	(0.926)	17290	1.01444	181.6
	57 Hexachlorobenzene	284	13.968	13.983	(0.967)	23412	0.59372	106.3
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.445	14.445	(1.000)	360558	2.00000	
$	66 Terphenyl-d14	244	17.089	17.090	(0.912)	75696	1.05317	188.5
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.729	18.730	(1.000)	231055	2.00000	
*	77 Perylene-d12	264	20.868	20.869	(1.000)	93135	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061713.d
Lab Smp Id: PB44I
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12795

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED6-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	136104	13.62
27 Naphthalene-d8	372217	186108	744434	381115	2.39
42 Acenaphthene-d10	182713	91356	365426	206451	12.99
59 Phenanthrene-d10	286879	143440	573758	360558	25.68
69 Chrysene-d12	251912	125956	503824	231055	-8.28
77 Perylene-d12	231524	115762	463048	93135	-59.77

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.00
27 Naphthalene-d8	9.26	8.76	9.76	9.24	-0.20
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	-0.01
59 Phenanthrene-d10	14.45	13.95	14.95	14.45	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.73	-0.01
77 Perylene-d12	20.87	20.37	21.37	20.87	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

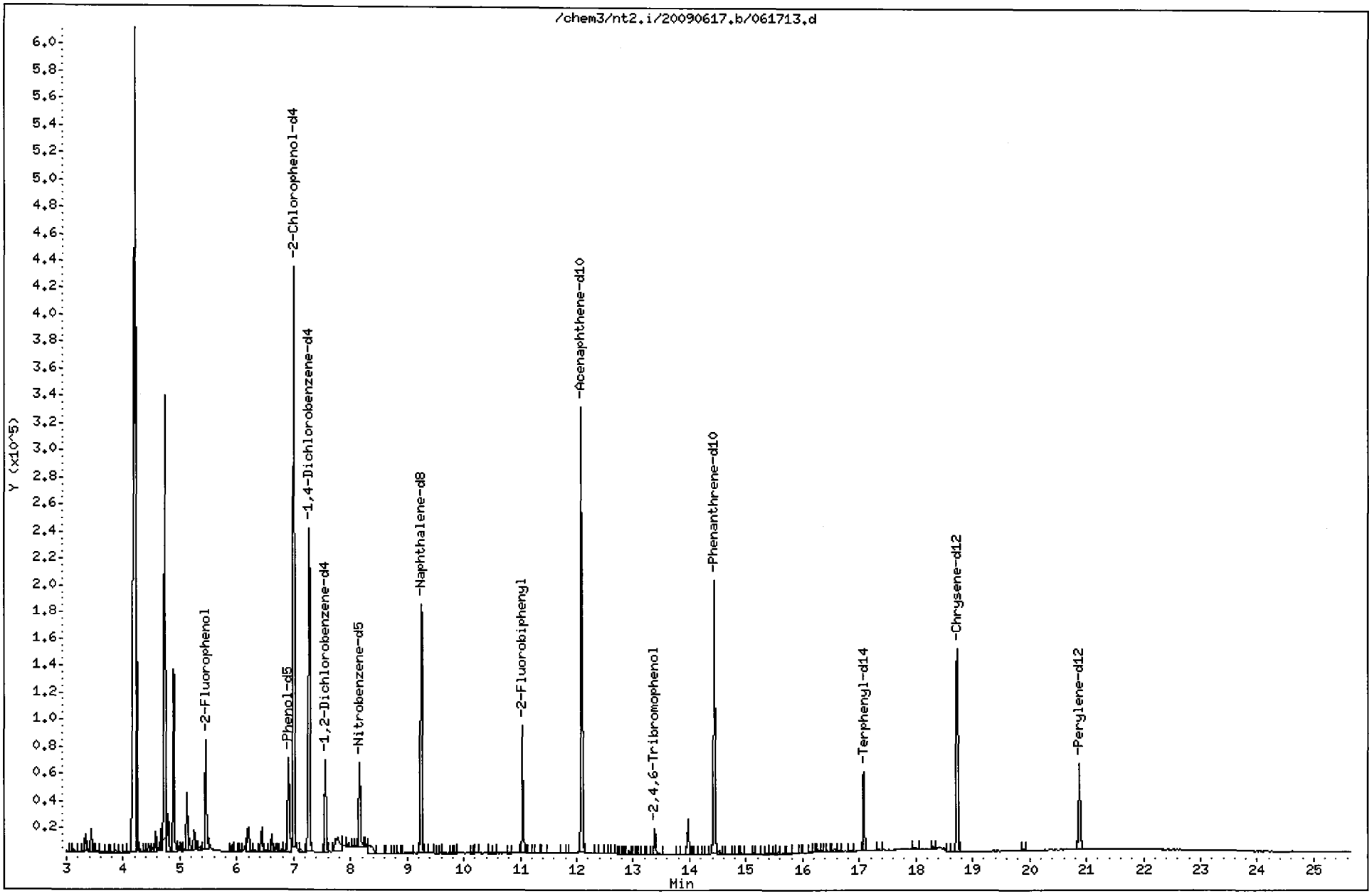
Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44I
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12795

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	223.8	156.9	70.12	30-160
$ 2 Phenol-d5	223.8	157.4	70.34	30-160
$ 5 2-Chlorophenol-d4	223.8	192.4	85.97	30-160
$ 10 1,2-Dichlorobenzen	149.2	102.6	68.75	30-160
$ 18 Nitrobenzene-d5	149.2	109.8	73.60	30-160
$ 36 2-Fluorobiphenyl	149.2	117.5	78.78	30-160
$ 55 2,4,6-Tribromophen	223.8	181.6	81.16	30-160
$ 66 Terphenyl-d14	149.2	188.5	126.38	30-160

Data File: /chem3/nt2.i/20090617.b/061713.d
Date : 17-JUN-2009 20:06
Client ID: 3SED6-C
Sample Info: PB44I,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt2.i/20090617.b/061713.d

Date : 17-JUN-2009 20:06

Client ID: 3SED6-C

Instrument: nt2.i

Sample Info: PB44I,3

Volume Injected (uL): 2.0

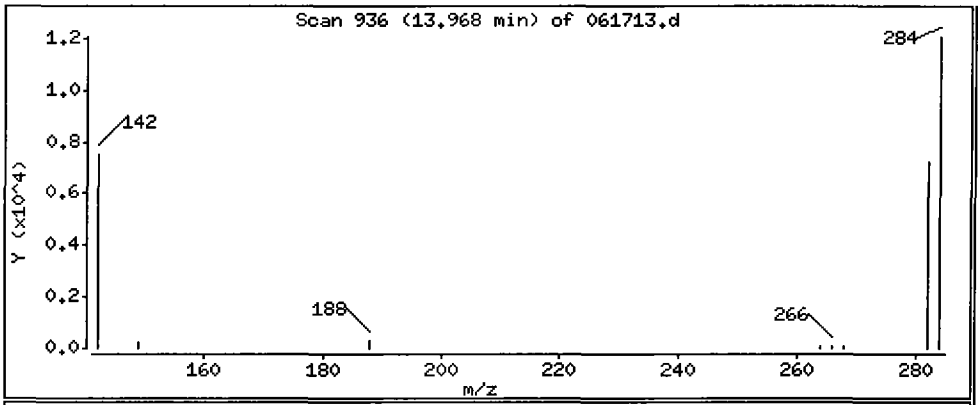
Operator: VTS

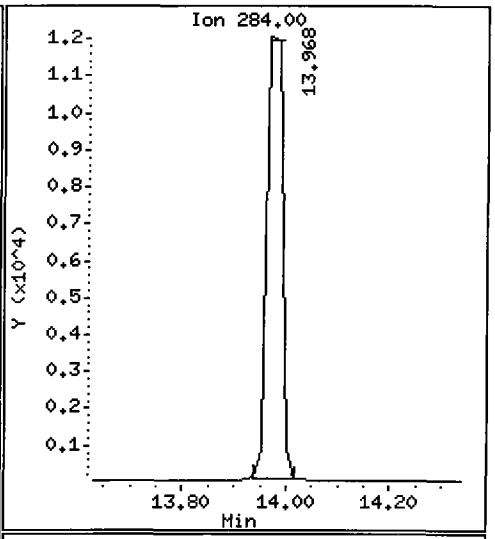
Column phase: ZB-5

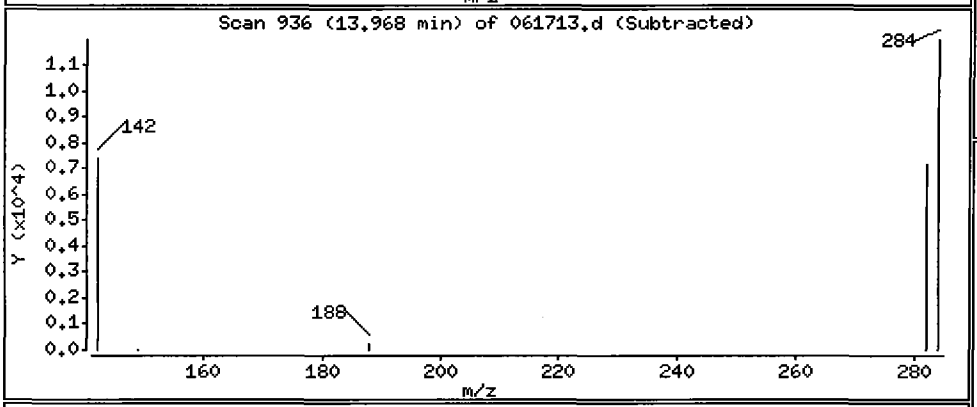
Column diameter: 0.32

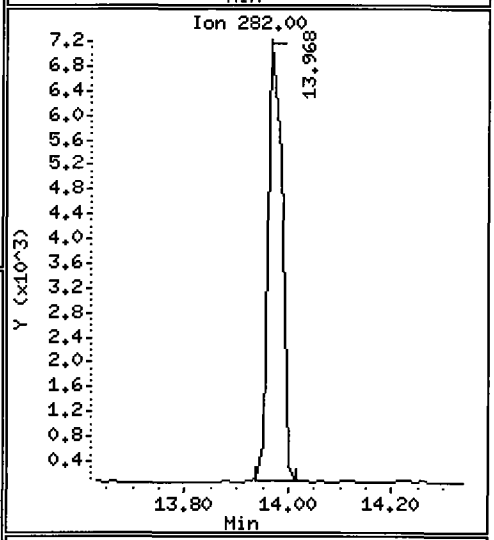
57 Hexachlorobenzene

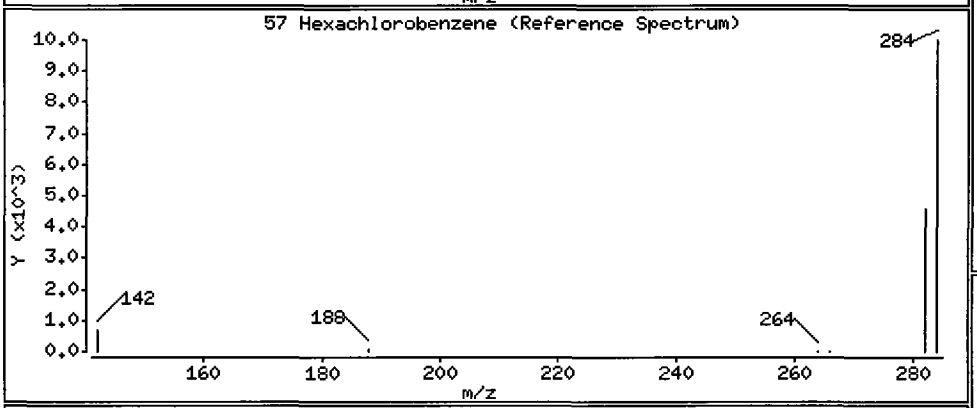
Concentration: 106.3 ug/kg

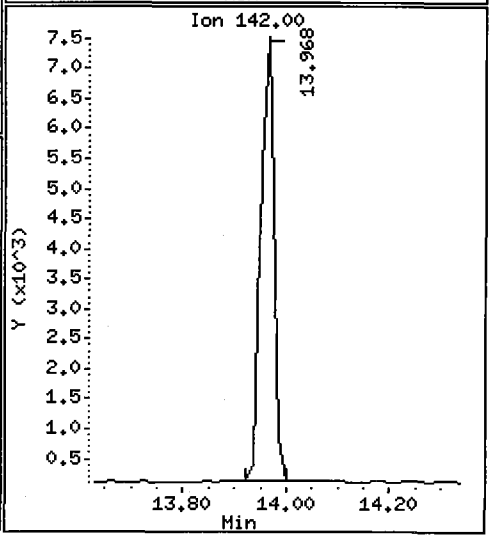


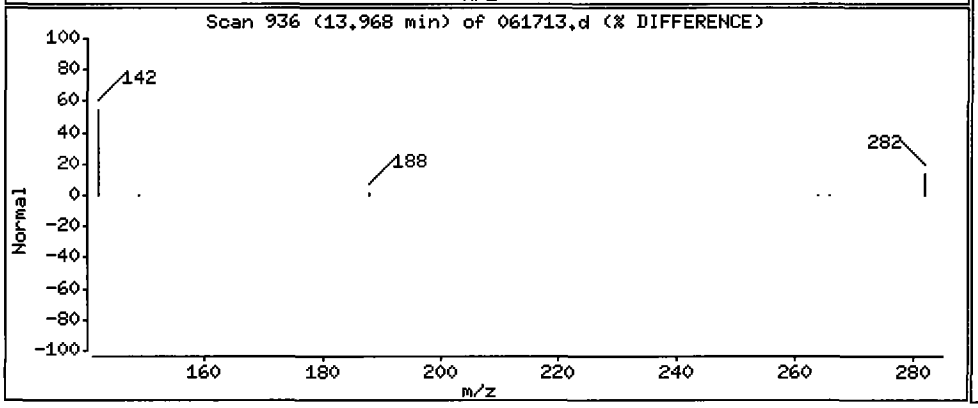












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44J
LIMS ID: 09-12796
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 20:33
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 17.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 27.3%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**5.8**	**8.7**
106-46-7	1,4-Dichlorobenzene	5.8	< 5.8 U
120-82-1	1,2,4-Trichlorobenzene	5.8	< 5.8 U
118-74-1	Hexachlorobenzene	5.8	< 5.8 U
87-68-3	Hexachlorobutadiene	5.8	< 5.8 U
131-11-3	Dimethylphthalate	14	< 14 U
85-68-7	**Butylbenzylphthalate**	**14**	**17**
95-48-7	2-Methylphenol	5.8	< 5.8 U
105-67-9	2,4-Dimethylphenol	5.8	< 5.8 U
86-30-6	N-Nitrosodiphenylamine	5.8	< 5.8 U
100-51-6	Benzyl Alcohol	29	< 29 U
87-86-5	Pentachlorophenol	29	< 29 U
95-50-1	1,2-Dichlorobenzene	5.8	< 5.8 U
541-73-1	1,3-Dichlorobenzene	5.8	< 5.8 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	81.2%	d5-Phenol	71.2%
2-Fluorophenol	69.6%	d4-2-Chlorophenol	90.4%
d4-1,2-Dichlorobenzene	62.4%	d5-Nitrobenzene	66.4%
2,4,6-Tribromophenol	103%	d14-p-Terphenyl	179%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061617.d
Lab Smp Id: PB44J Client Smp ID: 3SED7-A
Inj Date : 16-JUN-2009 20:33
Operator : VTS Inst ID: nt2.i
Smp Info : PB44J
Misc Info : 09-12796
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	23.70000	Weight of sample extracted (g)
M	27.30000	% Moisture

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1	2-Fluorophenol	112	5.558	5.527	(0.754)	197146	2.60649	151.3
$	2	Phenol-d5	99	7.019	6.961	(0.953)	267519	2.67110	155.0
	3	Phenol	94	7.042	6.972	(0.956)	7944	0.05947	3.452
$	5	2-Chlorophenol-d4	132	7.100	7.076	(0.964)	228276	3.39163	196.8
	7	1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8	1,4-Dichlorobenzene-d4	152	7.367	7.368	(1.000)	126600	2.00000	
	9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10	1,2-Dichlorobenzene-d4	152	7.661	7.645	(1.040)	75093	1.56126	90.61
	11	Benzyl alcohol	79	Compound Not Detected.					
	12	1,2-Dichlorobenzene	146	Compound Not Detected.					
	13	2-Methylphenol	108	Compound Not Detected.					
	15	4-Methylphenol	108	Compound Not Detected.					
	16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	8.265	8.250	(0.885)	170139	1.65841	96.25
	22	2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.344	9.343	(1.000)	377931	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.129	11.128	(0.913)	285359	2.03459	118.1
	39 Dimethylphthalate	163	11.855	11.855	(0.973)	34612	0.23537	13.66
*	42 Acenaphthene-d10	162	12.184	12.166	(1.000)	196597	2.00000	
	50 Diethylphthalate	149	13.009	13.008	(1.068)	21274	0.14195	8.238
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.472	13.460	(0.927)	56561	3.86652	224.4
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.375	14.360	(0.989)	5806	0.27895	16.19
*	59 Phenanthrene-d10	188	14.529	14.529	(1.000)	309459	2.00000	
$	66 Terphenyl-d14	244	17.177	17.167	(0.912)	159008	4.48055	260.0(R)
	67 Butylbenzylphthalate	149	18.068	18.046	(0.960)	13149	0.29630	17.20(M)
*	69 Chrysene-d12	240	18.828	18.814	(1.000)	114085	2.00000	
*	77 Perylene-d12	264	20.983	20.953	(1.000)	43257	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.429	22.400	(1.069)	2966	0.14762	8.568(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061617.d
Lab Smp Id: PB44J
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12796

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED7-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	126600	5.69
27 Naphthalene-d8	372217	186108	744434	377931	1.54
42 Acenaphthene-d10	182713	91356	365426	196597	7.60
59 Phenanthrene-d10	286879	143440	573758	309459	7.87
69 Chrysene-d12	251912	125956	503824	114085	-54.71 <-
77 Perylene-d12	231524	115762	463048	43257	-81.32 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	-0.01
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.01
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.15
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.00
69 Chrysene-d12	18.81	18.31	19.31	18.83	0.07
77 Perylene-d12	20.95	20.45	21.45	20.98	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44J
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12796

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED7-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

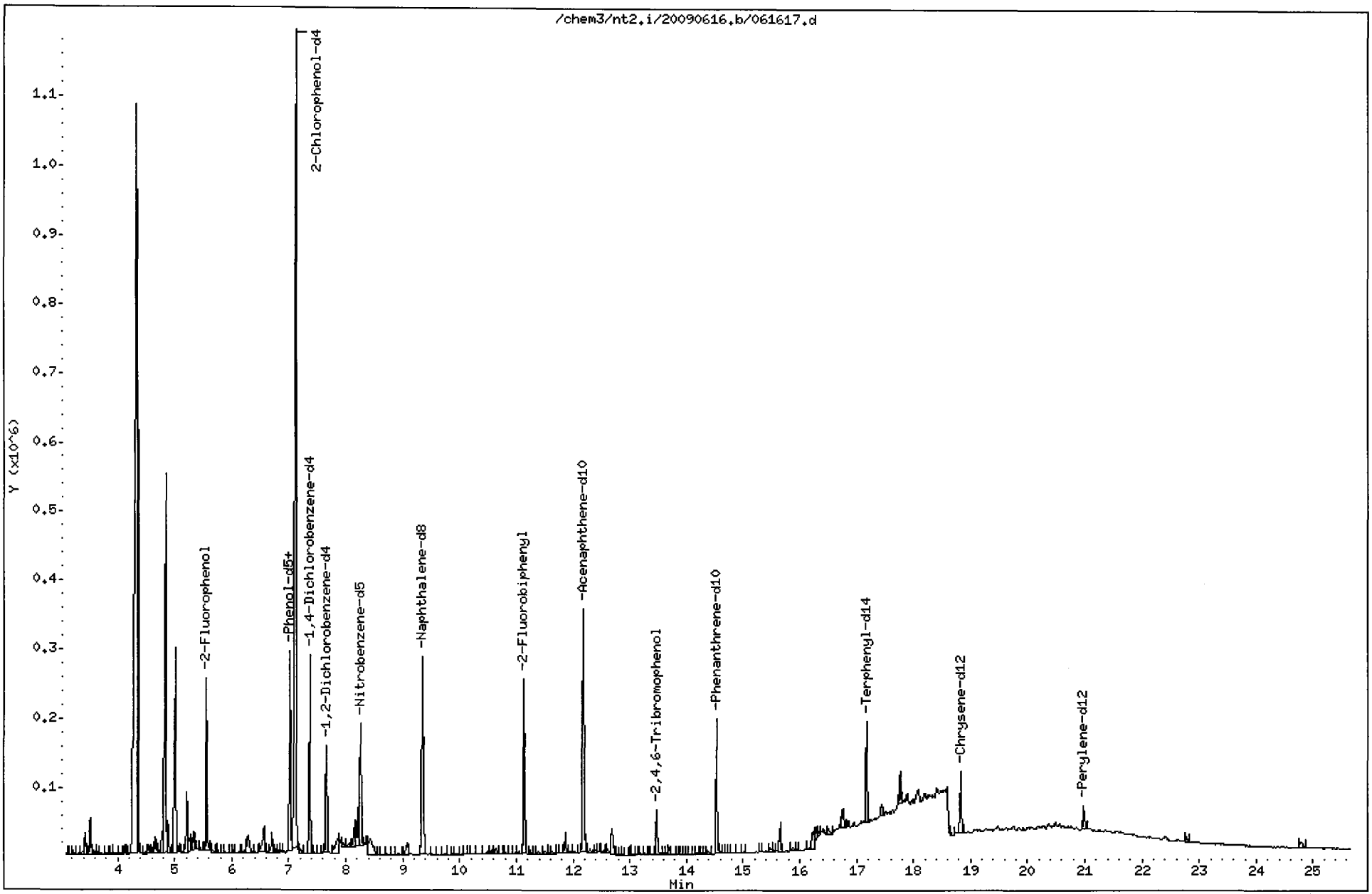
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	217.6	151.3	69.51	30-160
$ 2 Phenol-d5	217.6	155.0	71.23	30-160
$ 5 2-Chlorophenol-d4	217.6	196.8	90.44	30-160
$ 10 1,2-Dichlorobenzen	145.1	90.61	62.45	30-160
$ 18 Nitrobenzene-d5	145.1	96.25	66.34	30-160
$ 36 2-Fluorobiphenyl	145.1	118.1	81.38	30-160
$ 55 2,4,6-Tribromophen	217.6	224.4	103.11	30-160
$ 66 Terphenyl-d14	145.1	260.0	179.22*	30-160

Data File: /chem3/nt2.i/20090616.b/061617.d
Date : 16-JUN-2009 20:33
Client ID: 3SED7-A
Sample Info: PB44J
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB44J 060617



Data File: /chem3/nt2.i/20090616.b/061617.d

Date : 16-JUN-2009 20:33

Client ID: 3SED7-A

Instrument: nt2.i

Sample Info: PB44J

Volume Injected (uL): 2.0

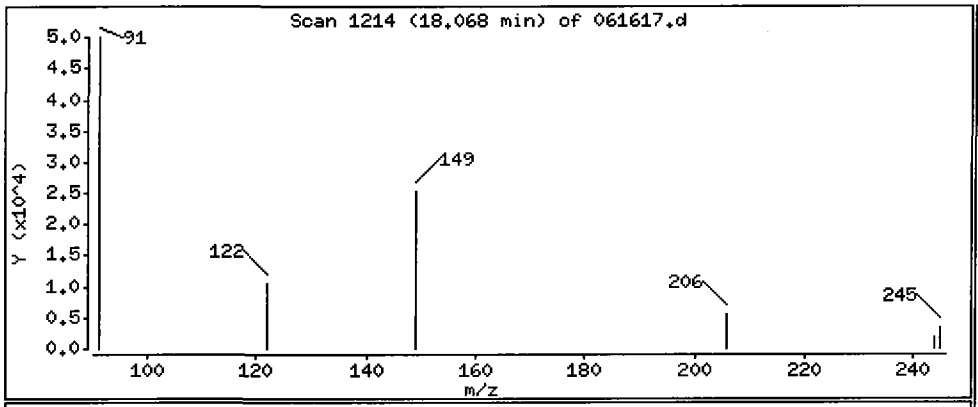
Operator: VTS

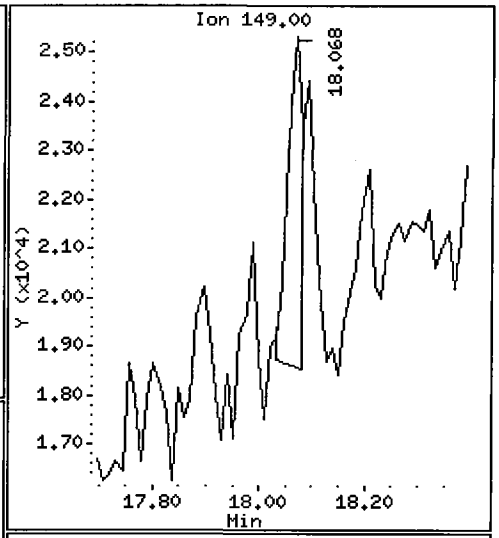
Column phase: ZB-5

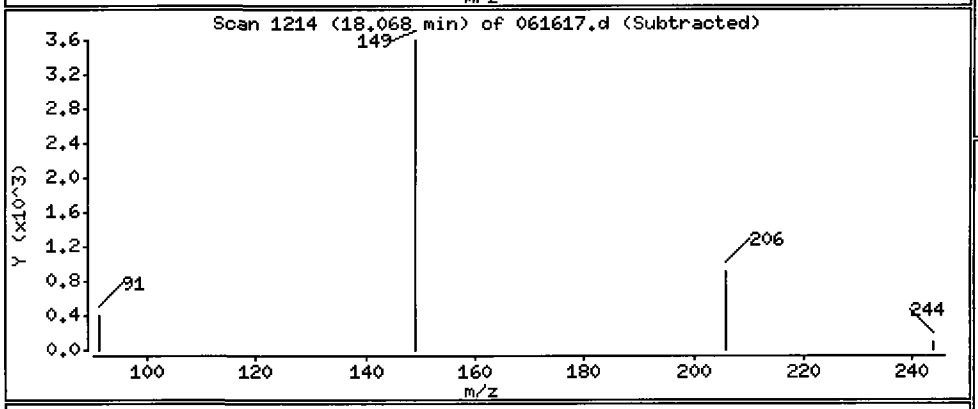
Column diameter: 0.32

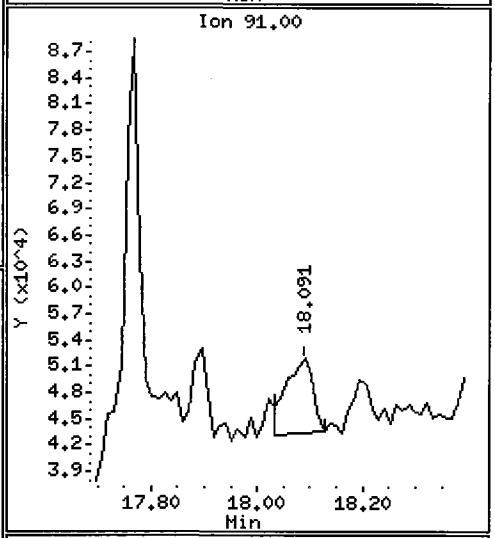
67 Butylbenzylphthalate

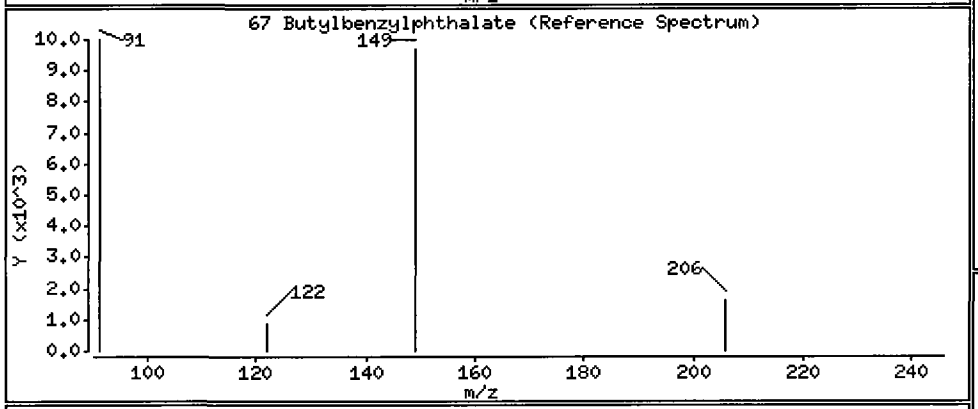
Concentration: 17.20 ug/kg

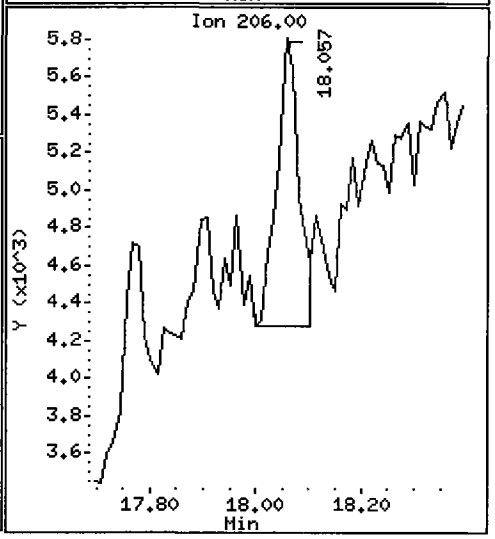


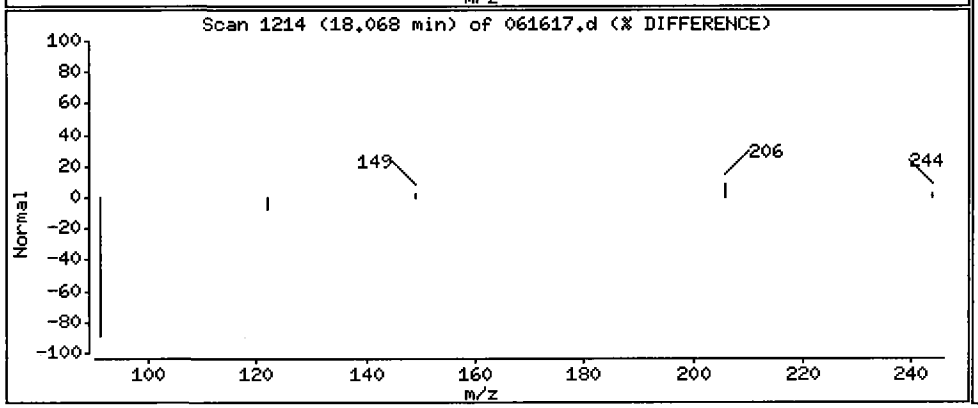












Data File: /chem3/nt2.i/20090616.b/061617.d

Date : 16-JUN-2009 20:33

Client ID: 3SED7-A

Instrument: nt2.i

Sample Info: PB44J

Volume Injected (uL): 2.0

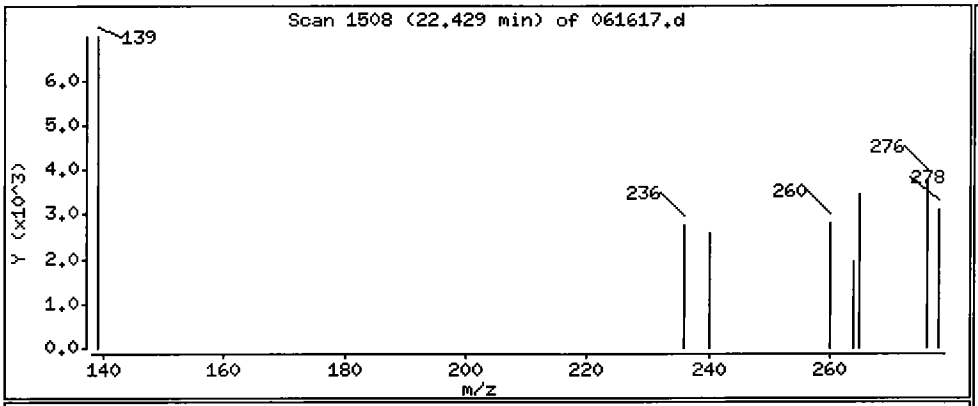
Operator: VTS

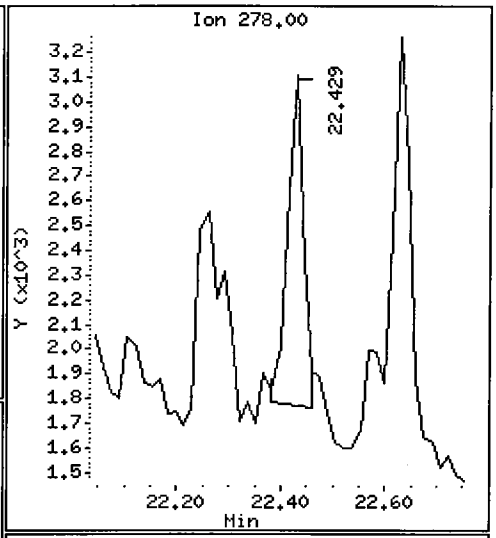
Column phase: ZB-5

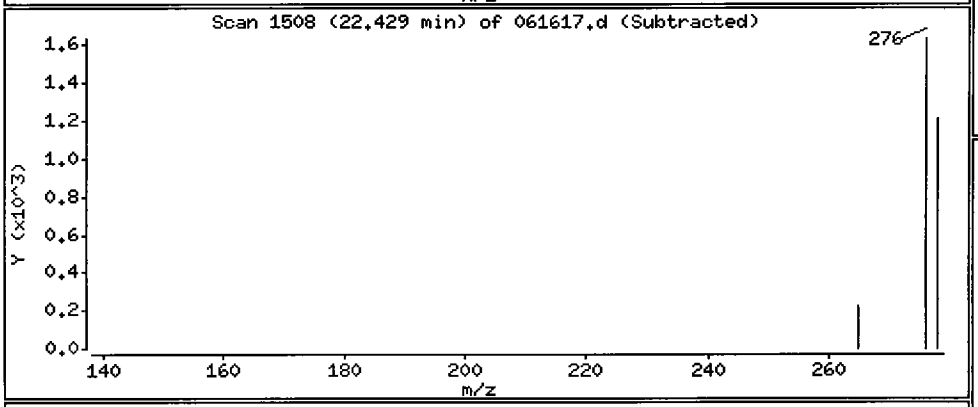
Column diameter: 0.32

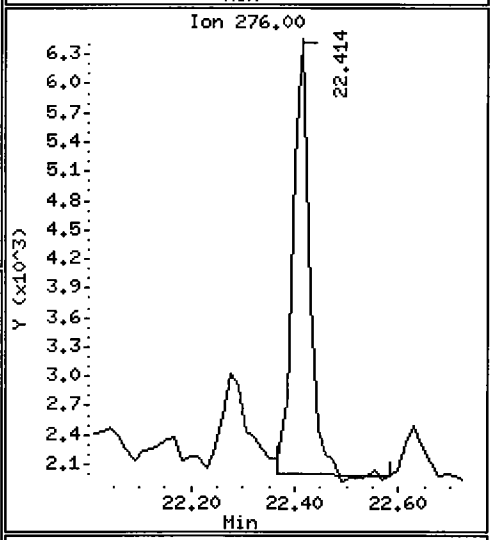
79 Dibenzo(a,h)anthracene

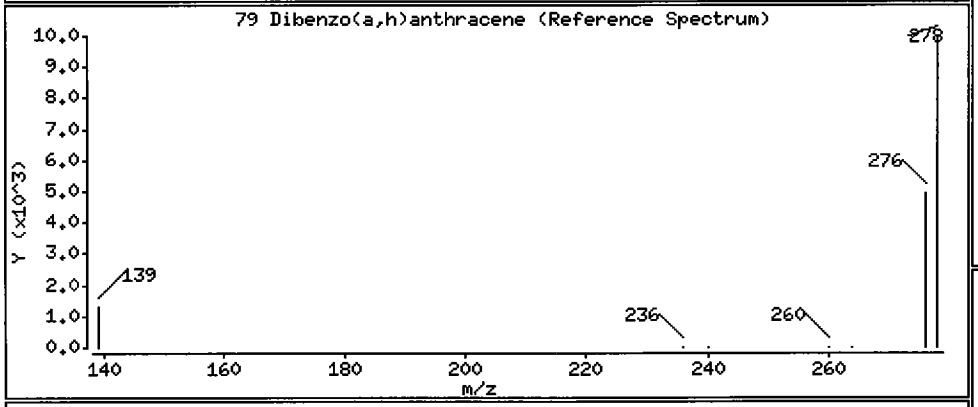
Concentration: 8.568 ug/kg

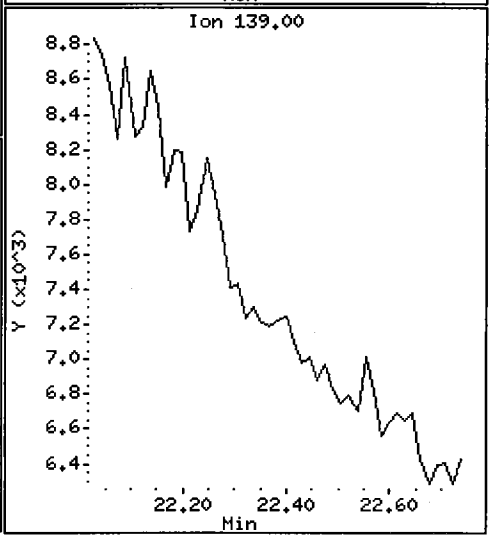


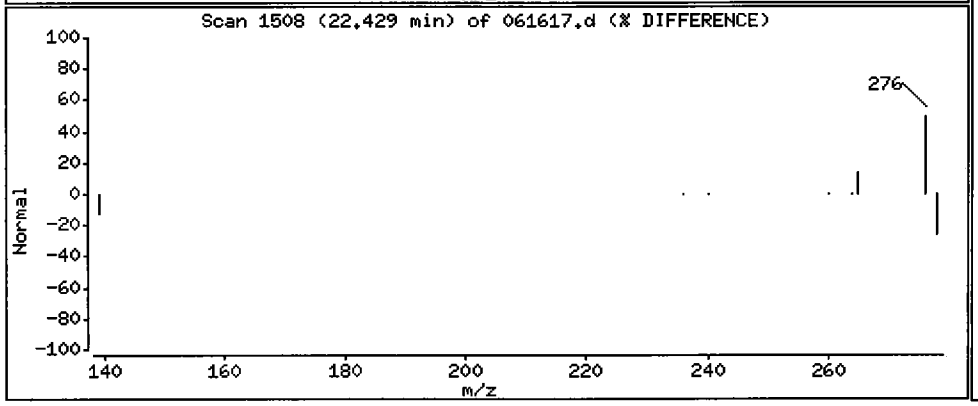












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-A**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44J
LIMS ID: 09-12796
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 20:40
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 17.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 27.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	17	< 17 U
106-46-7	1,4-Dichlorobenzene	17	< 17 U
120-82-1	1,2,4-Trichlorobenzene	17	< 17 U
118-74-1	Hexachlorobenzene	17	< 17 U
87-68-3	Hexachlorobutadiene	17	< 17 U
131-11-3	Dimethylphthalate	44	< 44 U
85-68-7	Butylbenzylphthalate	44	< 44 U
95-48-7	2-Methylphenol	17	< 17 U
105-67-9	2,4-Dimethylphenol	17	< 17 U
86-30-6	N-Nitrosodiphenylamine	17	< 17 U
100-51-6	Benzyl Alcohol	87	< 87 U
87-86-5	Pentachlorophenol	87	< 87 U
95-50-1	1,2-Dichlorobenzene	17	< 17 U
541-73-1	1,3-Dichlorobenzene	17	< 17 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	79.2%	d5-Phenol	69.6%
2-Fluorophenol	68.0%	d4-2-Chlorophenol	87.2%
d4-1,2-Dichlorobenzene	58.8%	d5-Nitrobenzene	66.0%
2,4,6-Tribromophenol	96.0%	d14-p-Terphenyl	121%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061714.d
Lab Smp Id: PB44J Client Smp ID: 3SED7-A
Inj Date : 17-JUN-2009 20:40
Operator : VTS Inst ID: nt2.i
Smp Info : PB44J,3
Misc Info : 09-12796
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 14
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	23.70000	Weight of sample extracted (g)
M	27.30000	% Moisture

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1	2-Fluorophenol	112	5.453	5.445	(0.748)	68876	0.85110	148.2
$	2	Phenol-d5	99	6.911	6.888	(0.949)	93099	0.86881	151.3
	3	Phenol	94	Compound Not Detected.					
$	5	2-Chlorophenol-d4	132	7.003	6.992	(0.961)	78418	1.08895	189.6
	7	1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8	1,4-Dichlorobenzene-d4	152	7.285	7.284	(1.000)	135453	2.00000	
	9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10	1,2-Dichlorobenzene-d4	152	7.562	7.561	(1.038)	25242	0.49050	85.40
	11	Benzyl alcohol	79	Compound Not Detected.					
	12	1,2-Dichlorobenzene	146	Compound Not Detected.					
	13	2-Methylphenol	108	Compound Not Detected.					
	15	4-Methylphenol	108	Compound Not Detected.					
	16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18	Nitrobenzene-d5	82	8.165	8.165	(0.882)	57838	0.55492	96.62
	22	2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.262	9.263	(1.000)	383956	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.046	11.046	(0.914)	97054	0.66077	115.1
	39 Dimethylphthalate	163	11.772	11.773	(0.974)	11775	0.07646	13.31
*	42 Acenaphthene-d10	162	12.084	12.084	(1.000)	205886	2.00000	
	50 Diethylphthalate	149	12.916	12.928	(1.069)	8078	0.05147	8.961
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.379	13.380	(0.926)	18685	1.20384	209.6
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.291	14.291	(0.989)	1709	0.07739	13.47(M)
*	59 Phenanthrene-d10	188	14.445	14.445	(1.000)	328344	2.00000	
$	66 Terphenyl-d14	244	17.090	17.090	(0.912)	62204	1.00506	175.0
	67 Butylbenzylphthalate	149	17.981	17.970	(0.960)	9436	0.12192	21.23
*	69 Chrysene-d12	240	18.730	18.730	(1.000)	198961	2.00000	
*	77 Perylene-d12	264	20.900	20.869	(1.000)	75424	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061714.d
Lab Smp Id: PB44J
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12796

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED7-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	135453	13.08
27 Naphthalene-d8	372217	186108	744434	383956	3.15
42 Acenaphthene-d10	182713	91356	365426	205886	12.68
59 Phenanthrene-d10	286879	143440	573758	328344	14.45
69 Chrysene-d12	251912	125956	503824	198961	-21.02
77 Perylene-d12	231524	115762	463048	75424	-67.42 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.29	0.02
27 Naphthalene-d8	9.26	8.76	9.76	9.26	0.00
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	0.00
59 Phenanthrene-d10	14.45	13.95	14.95	14.44	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.73	0.00
77 Perylene-d12	20.87	20.37	21.37	20.90	0.15

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44J
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12796

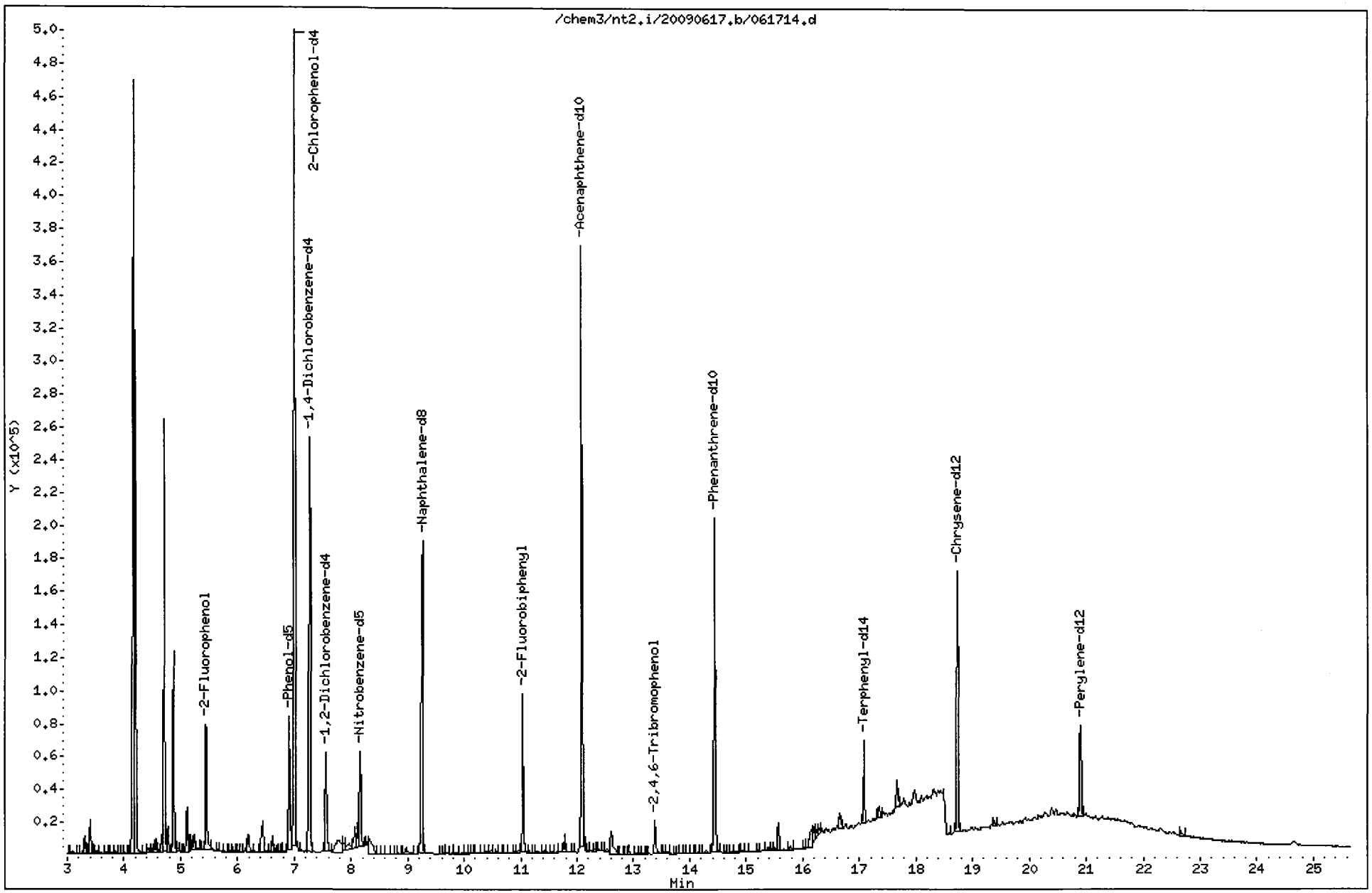
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED7-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	217.6	148.2	68.09	30-160
$ 2 Phenol-d5	217.6	151.3	69.50	30-160
$ 5 2-Chlorophenol-d4	217.6	189.6	87.12	30-160
$ 10 1,2-Dichlorobenzen	145.1	85.40	58.86	30-160
$ 18 Nitrobenzene-d5	145.1	96.62	66.59	30-160
$ 36 2-Fluorobiphenyl	145.1	115.1	79.29	30-160
$ 55 2,4,6-Tribromophen	217.6	209.6	96.31	30-160
$ 66 Terphenyl-d14	145.1	175.0	120.61	30-160

Data File: /chem3/nt2.i/20090617.b/061714.d
Date : 17-JUN-2009 20:40
Client ID: 3SED7-A
Sample Info: PB44J,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44K
LIMS ID: 09-12797
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 21:08
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 49.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.1	< 6.1 U
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	Butylbenzylphthalate	15	< 15 U
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	65.2%	d5-Phenol	67.7%
2-Fluorophenol	65.1%	d4-2-Chlorophenol	86.7%
d4-1,2-Dichlorobenzene	56.4%	d5-Nitrobenzene	76.4%
2,4,6-Tribromophenol	89.9%	d14-p-Terphenyl	150%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061618.d
Lab Smp Id: PB44K Client Smp ID: 3SED7-B
Inj Date : 16-JUN-2009 21:08
Operator : VTS Inst ID: nt2.i
Smp Info : PB44K
Misc Info : 09-12797
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	32.30000	Weight of sample extracted (g)
M	49.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.582	5.527	(0.756)	191621	2.44445	150.2
$	2 Phenol-d5	99	7.054	6.961	(0.955)	263667	2.54016	156.0
	3 Phenol	94	7.077	6.972	(0.958)	17824	0.12876	7.909
$	5 2-Chlorophenol-d4	132	7.112	7.076	(0.963)	226395	3.24553	199.4
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.385	7.368	(1.000)	131209	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.662	7.645	(1.037)	70094	1.40613	86.38
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.112	8.096	(1.098)	12173	0.14221	8.736
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.266	8.250	(0.885)	199166	1.90568	117.1
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.344	9.343	(1.000)	385005	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.127	11.128	(0.913)	238978	1.63425	100.4
	39 Dimethylphthalate	163	11.871	11.855	(0.974)	26898	0.17544	10.78
*	42 Acenaphthene-d10	162	12.183	12.166	(1.000)	204975	2.00000	
	50 Diethylphthalate	149	13.010	13.008	(1.068)	24355	0.15586	9.574
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.473	13.460	(0.927)	51861	3.37393	207.3
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.376	14.360	(0.989)	1242	0.05679	3.488
*	59 Phenanthrene-d10	188	14.530	14.529	(1.000)	325170	2.00000	
$	66 Terphenyl-d14	244	17.178	17.167	(0.912)	147581	3.74960	230.3
	67 Butylbenzylphthalate	149	18.057	18.046	(0.959)	11608	0.23585	14.49
*	69 Chrysene-d12	240	18.829	18.814	(1.000)	126528	2.00000	
*	77 Perylene-d12	264	20.968	20.953	(1.000)	51970	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.415	22.400	(1.069)	1741	0.07212	4.430(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061618.d
Lab Smp Id: PB44K
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12797

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED7-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	131209	9.54
27 Naphthalene-d8	372217	186108	744434	385005	3.44
42 Acenaphthene-d10	182713	91356	365426	204975	12.18
59 Phenanthrene-d10	286879	143440	573758	325170	13.35
69 Chrysene-d12	251912	125956	503824	126528	-49.77
77 Perylene-d12	231524	115762	463048	51970	-77.55 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.38	0.23
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.01
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.13
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.01
69 Chrysene-d12	18.81	18.31	19.31	18.83	0.08
77 Perylene-d12	20.95	20.45	21.45	20.97	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44K
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12797

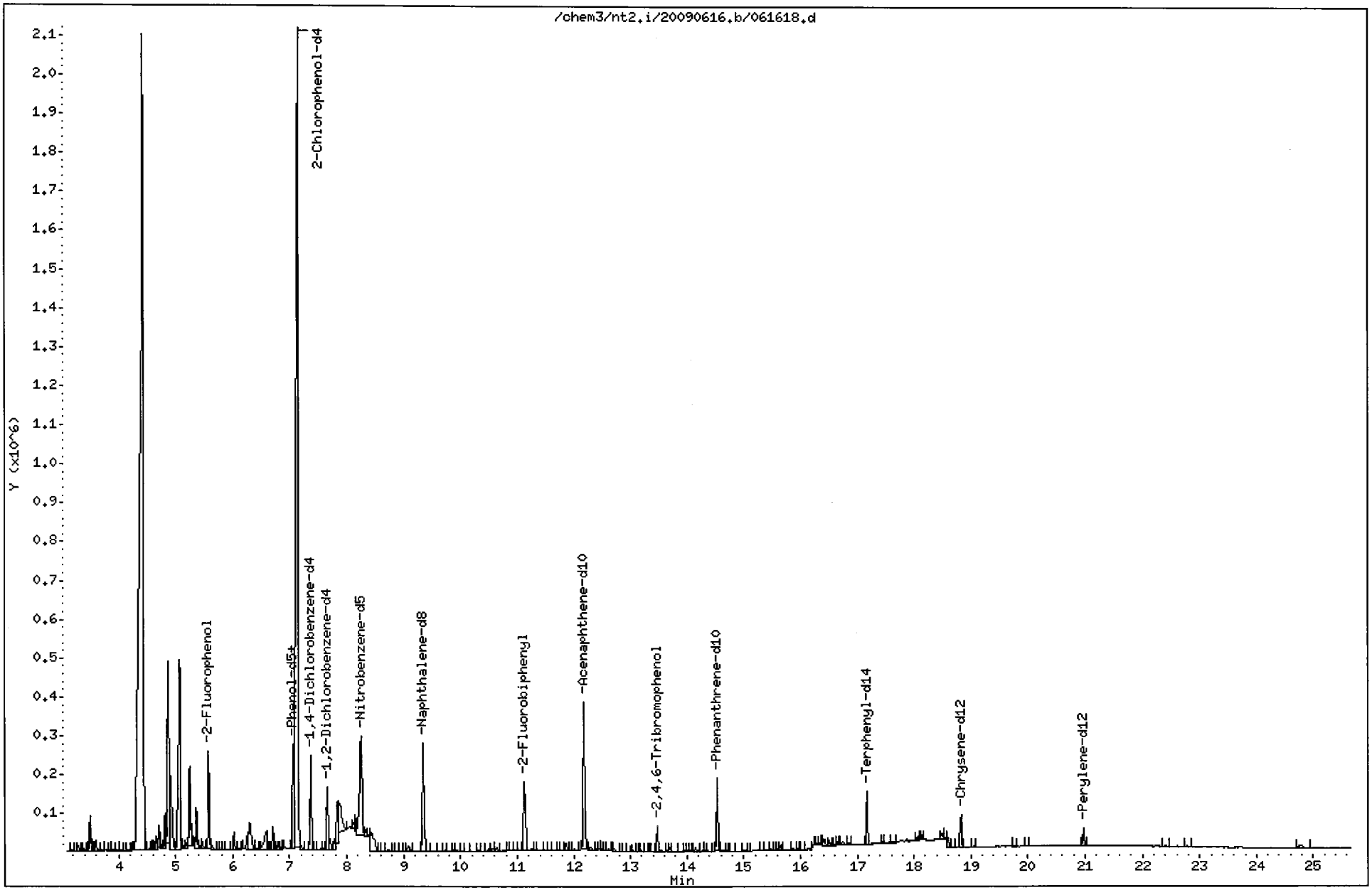
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED7-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	230.4	150.2	65.19	30-160
$ 2 Phenol-d5	230.4	156.0	67.74	30-160
$ 5 2-Chlorophenol-d4	230.4	199.4	86.55	30-160
$ 10 1,2-Dichlorobenzen	153.6	86.38	56.25	30-160
$ 18 Nitrobenzene-d5	153.6	117.1	76.23	30-160
$ 36 2-Fluorobiphenyl	153.6	100.4	65.37	30-160
$ 55 2,4,6-Tribromophen	230.4	207.3	89.97	30-160
$ 66 Terphenyl-d14	153.6	230.3	149.98	30-160

Data File: /chem3/nt2.i/20090616.b/061618.d
Date : 16-JUN-2009 21:08
Client ID: 3SED7-B
Sample Info: PB44K
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB44-60791



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-B**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44K
LIMS ID: 09-12797
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 21:15
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 49.6%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	92	< 92 U
87-86-5	Pentachlorophenol	92	< 92 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	69.6%	d5-Phenol	60.0%
2-Fluorophenol	64.0%	d4-2-Chlorophenol	68.0%
d4-1,2-Dichlorobenzene	54.0%	d5-Nitrobenzene	70.8%
2,4,6-Tribromophenol	80.0%	d14-p-Terphenyl	113%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061715.d
Lab Smp Id: PB44K Client Smp ID: 3SED7-B
Inj Date : 17-JUN-2009 21:15
Operator : VTS Inst ID: nt2.i
Smp Info : PB44K,3
Misc Info : 09-12797
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 15
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	32.30000	Weight of sample extracted (g)
M	49.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.460	5.445	(0.750)	68551	0.80445	148.2
$	2 Phenol-d5	99	6.924	6.888	(0.950)	84293	0.74704	137.7
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.005	6.992	(0.962)	64620	0.85219	157.0
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.285	7.284	(1.000)	142631	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.562	7.561	(1.038)	24328	0.44895	82.73
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.166	8.165	(0.882)	62139	0.58747	108.3
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.262	9.263	(1.000)	389656	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.045	11.046	(0.914)	86214	0.57509	106.0
	39 Dimethylphthalate	163	11.772	11.773	(0.974)	9318	0.05928	10.92
*	42 Acenaphthene-d10	162	12.083	12.084	(1.000)	210139	2.00000	
	50 Diethylphthalate	149	12.916	12.928	(1.069)	8333	0.05202	9.586
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.379	13.380	(0.926)	16712	1.00151	184.6
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.444	14.445	(1.000)	353004	2.00000	
$	66 Terphenyl-d14	244	17.090	17.090	(0.912)	57588	0.94108	173.4
	67 Butylbenzylphthalate	149	17.969	17.970	(0.959)	5382	0.07033	12.96
*	69 Chrysene-d12	240	18.729	18.730	(1.000)	196718	2.00000	
*	77 Perylene-d12	264	20.884	20.869	(1.000)	81941	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061715.d
Lab Smp Id: PB44K
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12797

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED7-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	142631	19.07
27 Naphthalene-d8	372217	186108	744434	389656	4.69
42 Acenaphthene-d10	182713	91356	365426	210139	15.01
59 Phenanthrene-d10	286879	143440	573758	353004	23.05
69 Chrysene-d12	251912	125956	503824	196718	-21.91
77 Perylene-d12	231524	115762	463048	81941	-64.61 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.01
27 Naphthalene-d8	9.26	8.76	9.76	9.26	0.00
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	-0.01
59 Phenanthrene-d10	14.45	13.95	14.95	14.44	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.73	-0.01
77 Perylene-d12	20.87	20.37	21.37	20.88	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44K
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12797

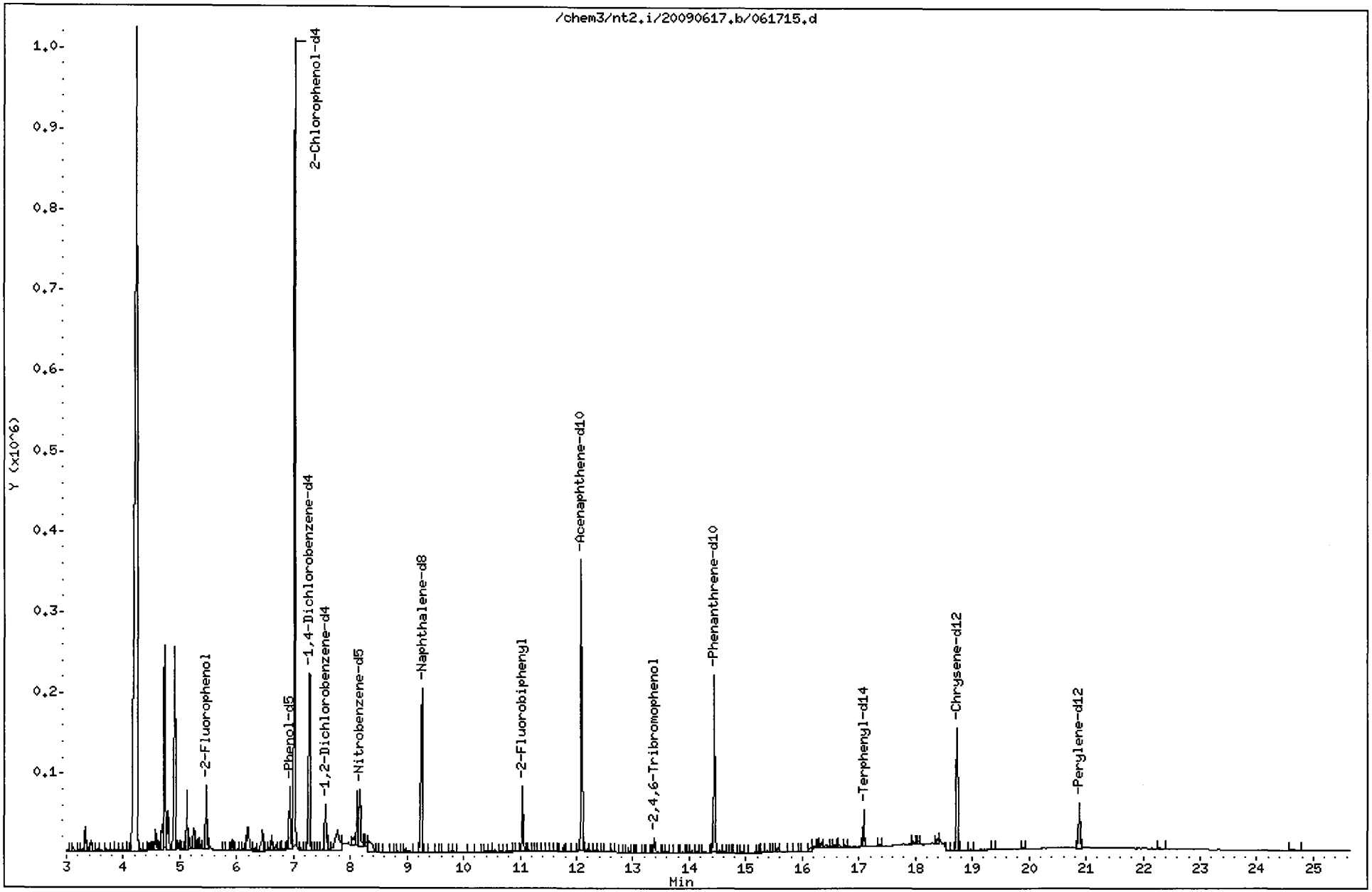
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED7-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	230.4	148.2	64.36	30-160
$ 2 Phenol-d5	230.4	137.7	59.76	30-160
$ 5 2-Chlorophenol-d4	230.4	157.0	68.18	30-160
$ 10 1,2-Dichlorobenzen	153.6	82.73	53.87	30-160
$ 18 Nitrobenzene-d5	153.6	108.3	70.50	30-160
$ 36 2-Fluorobiphenyl	153.6	106.0	69.01	30-160
$ 55 2,4,6-Tribromophen	230.4	184.6	80.12	30-160
$ 66 Terphenyl-d14	153.6	173.4	112.93	30-160

Data File: /chem3/nt2.i/20090617.b/061715.d
Date : 17-JUN-2009 21:15
Client ID: 3SED7-B
Sample Info: PB44K,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44L
LIMS ID: 09-12798
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 21:43
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 49.4%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.1**	**13**
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	**Butylbenzylphthalate**	**15**	**20**
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	76.8%	d5-Phenol	75.7%
2-Fluorophenol	74.7%	d4-2-Chlorophenol	97.1%
d4-1,2-Dichlorobenzene	64.0%	d5-Nitrobenzene	82.8%
2,4,6-Tribromophenol	98.9%	d14-p-Terphenyl	170%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061619.d
Lab Smp Id: PB44L Client Smp ID: 3SED7-C
Inj Date : 16-JUN-2009 21:43
Operator : VTS Inst ID: nt2.i
Smp Info : PB44L
Misc Info : 09-12798
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	32.60000	Weight of sample extracted (g)
M	49.40000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.583	5.527	(0.756)	218338	2.80216	169.9
$	2 Phenol-d5	99	7.066	6.961	(0.957)	292656	2.83654	172.0
	3 Phenol	94	7.077	6.972	(0.958)	18106	0.13159	7.977(H)
$	5 2-Chlorophenol-d4	132	7.112	7.076	(0.963)	252509	3.64185	220.8
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.384	7.368	(1.000)	130418	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.661	7.645	(1.037)	79336	1.60118	97.07
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.127	8.096	(1.101)	10329	0.12140	7.359
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.265	8.250	(0.885)	209305	2.06671	125.3
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.344	9.343	(1.000)	373078	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.127	11.128	(0.913)	269878	1.92286	116.6
	39 Dimethylphthalate	163	11.871	11.855	(0.974)	30905	0.21002	12.73
*	42 Acenaphthene-d10	162	12.182	12.166	(1.000)	196735	2.00000	
	50 Diethylphthalate	149	13.010	13.008	(1.068)	9756	0.06505	3.943
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.473	13.460	(0.927)	57805	3.71330	225.1
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.376	14.360	(0.989)	2953	0.13332	8.082
*	59 Phenanthrene-d10	188	14.530	14.529	(1.000)	329315	2.00000	
$	66 Terphenyl-d14	244	17.177	17.167	(0.912)	162698	4.24417	257.3(R)
	67 Butylbenzylphthalate	149	18.057	18.046	(0.959)	15617	0.32579	19.75(M)
*	69 Chrysene-d12	240	18.829	18.814	(1.000)	123234	2.00000	
*	77 Perylene-d12	264	20.983	20.953	(1.000)	48937	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.414	22.400	(1.068)	4837	0.21280	12.90(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061619.d
Lab Smp Id: PB44L
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12798

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED7-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	130418	8.88
27 Naphthalene-d8	372217	186108	744434	373078	0.23
42 Acenaphthene-d10	182713	91356	365426	196735	7.67
59 Phenanthrene-d10	286879	143440	573758	329315	14.79
69 Chrysene-d12	251912	125956	503824	123234	-51.08 <-
77 Perylene-d12	231524	115762	463048	48937	-78.86 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.38	0.22
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.01
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.13
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.01
69 Chrysene-d12	18.81	18.31	19.31	18.83	0.08
77 Perylene-d12	20.95	20.45	21.45	20.98	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44L
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12798

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED7-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

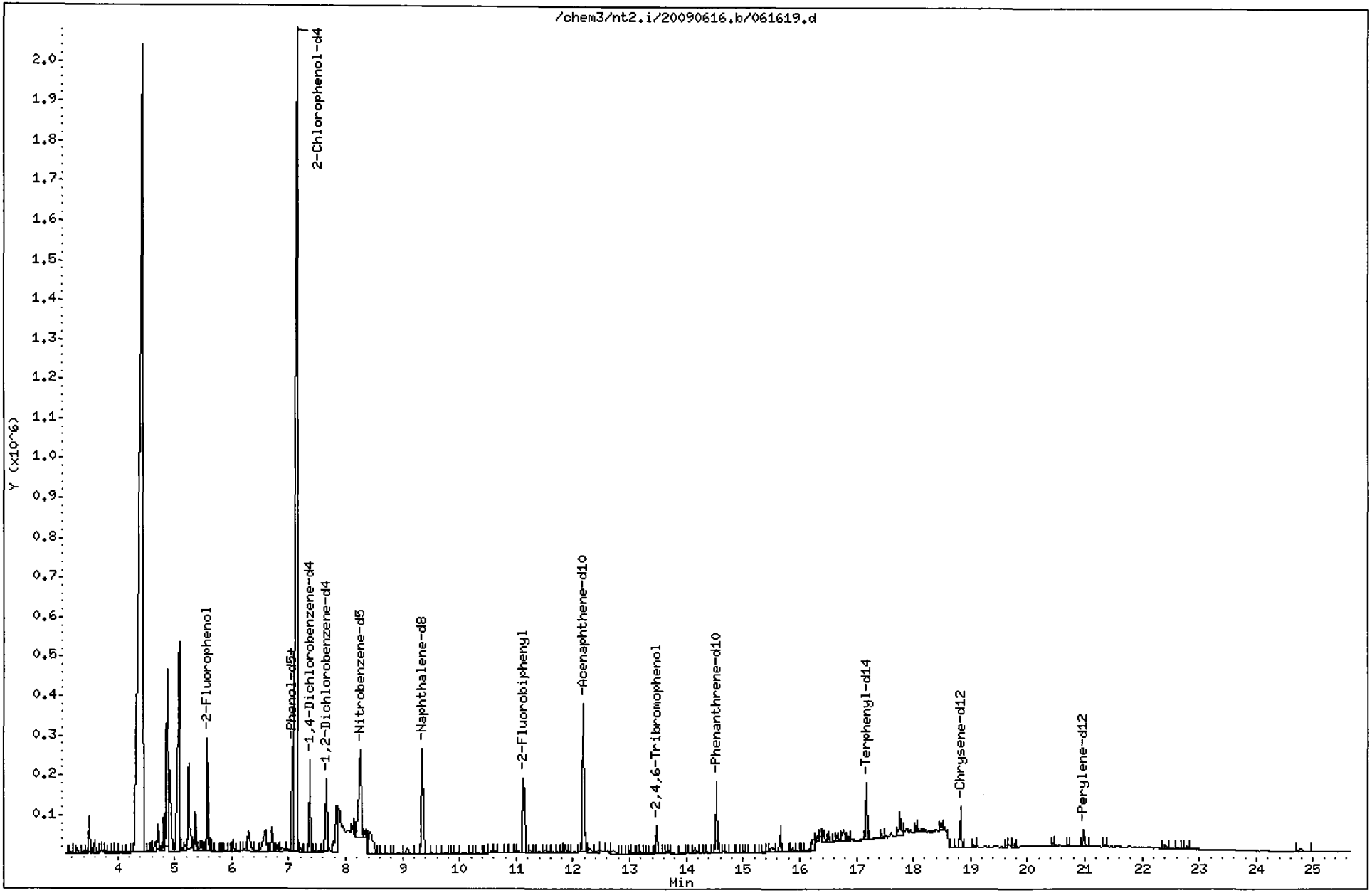
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	227.3	169.9	74.72	30-160
$ 2 Phenol-d5	227.3	172.0	75.64	30-160
$ 5 2-Chlorophenol-d4	227.3	220.8	97.12	30-160
$ 10 1,2-Dichlorobenzen	151.6	97.07	64.05	30-160
$ 18 Nitrobenzene-d5	151.6	125.3	82.67	30-160
$ 36 2-Fluorobiphenyl	151.6	116.6	76.91	30-160
$ 55 2,4,6-Tribromophen	227.3	225.1	99.02	30-160
$ 66 Terphenyl-d14	151.6	257.3	169.77*	30-160

Data File: /chem3/nt2.i/20090616.b/061619.d
Date : 16-JUN-2009 21:43
Client ID: 3SED7-C
Sample Info: PB44L
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB44L 061619



Data File: /chem3/nt2.i/20090616.b/061619.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-C

Instrument: nt2.i

Sample Info: PB44L

Volume Injected (uL): 2.0

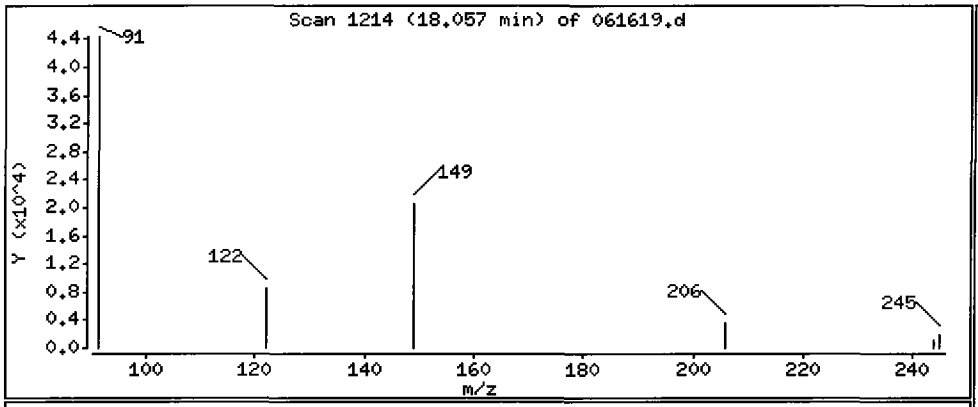
Operator: VTS

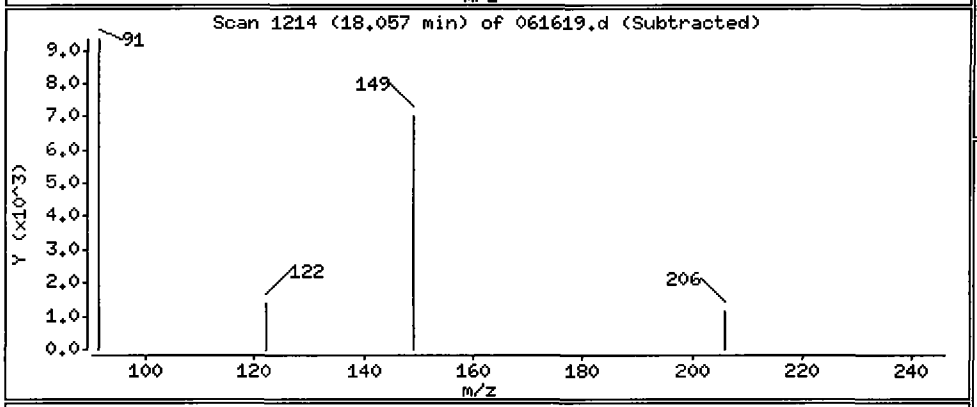
Column phase: ZB-5

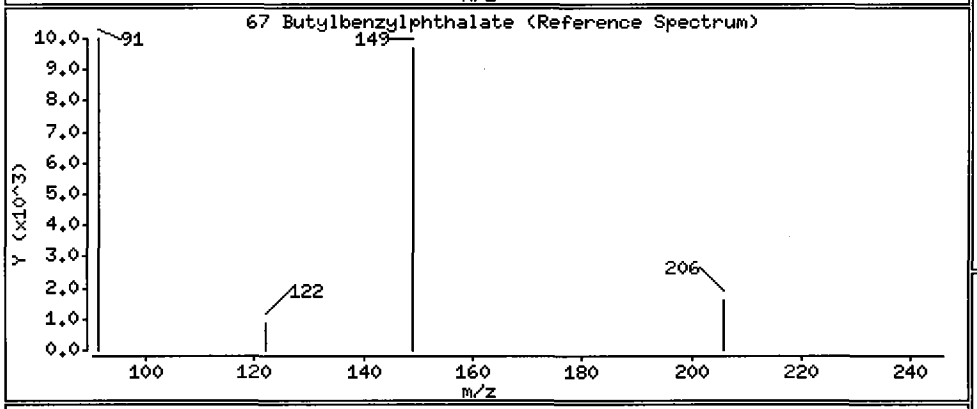
Column diameter: 0.32

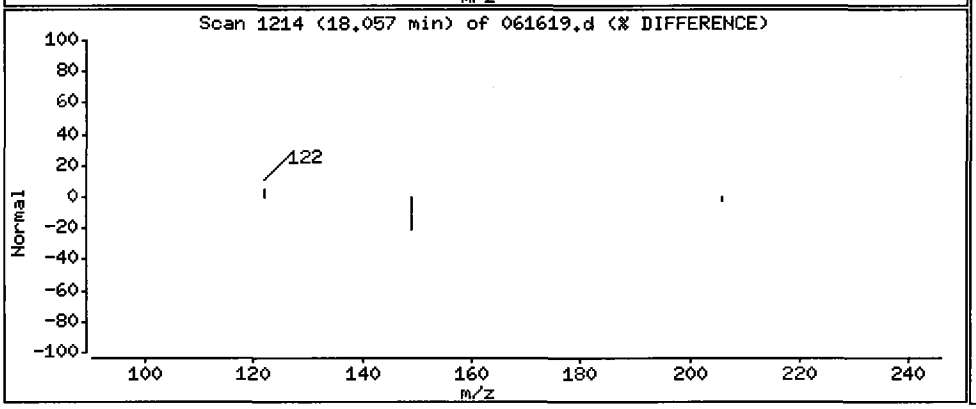
67 Butylbenzylphthalate

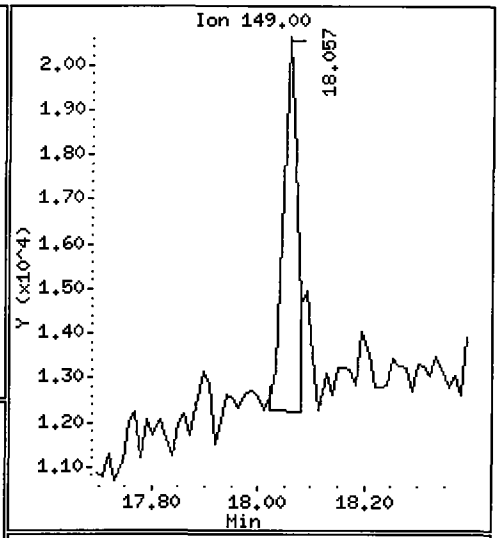
Concentration: 19.75 ug/kg

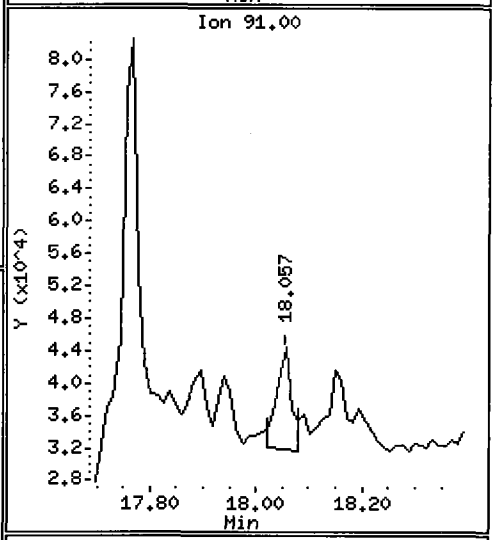


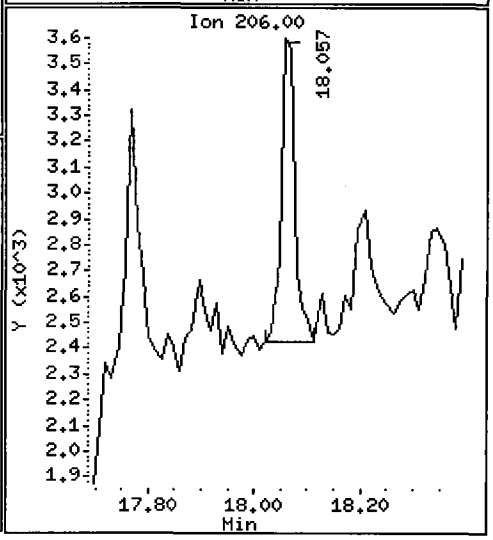












Data File: /chem3/nt2.i/20090616.b/061619.d

Date : 16-JUN-2009 21:43

Client ID: 3SED7-C

Instrument: nt2.i

Sample Info: PB44L

Volume Injected (uL): 2.0

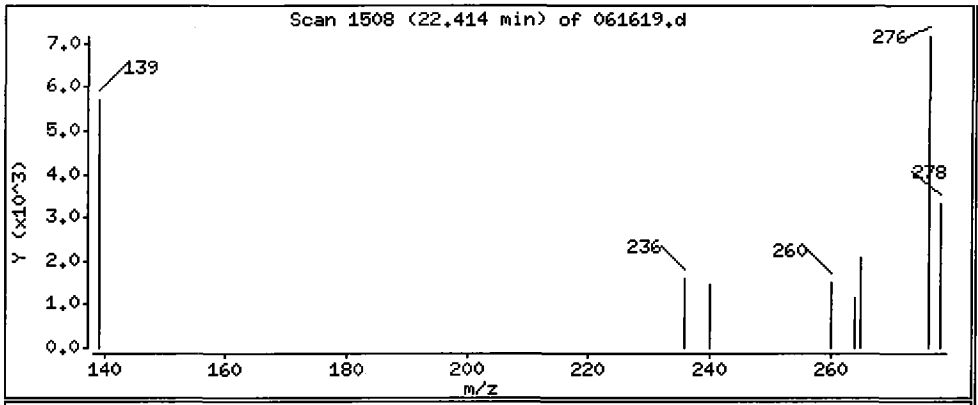
Operator: VTS

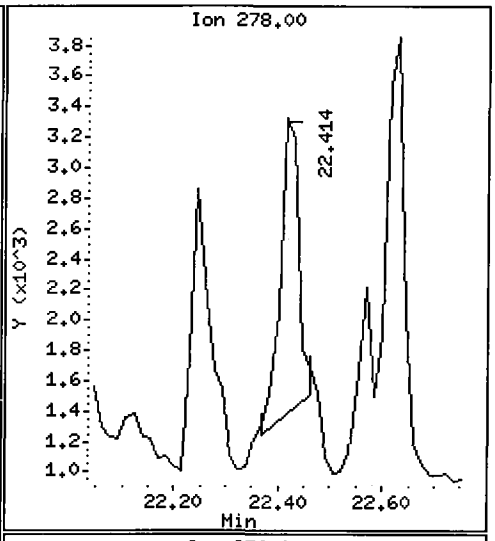
Column phase: ZB-5

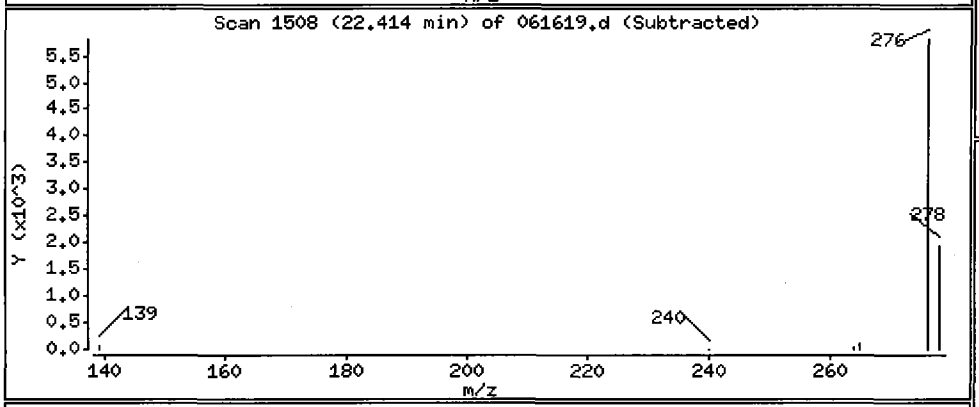
Column diameter: 0.32

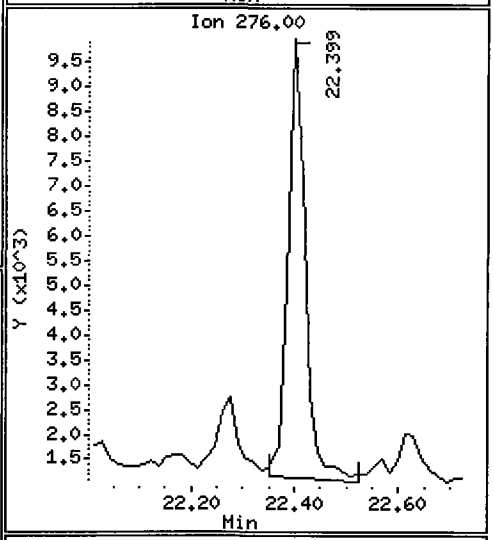
79 Dibenzo(a,h)anthracene

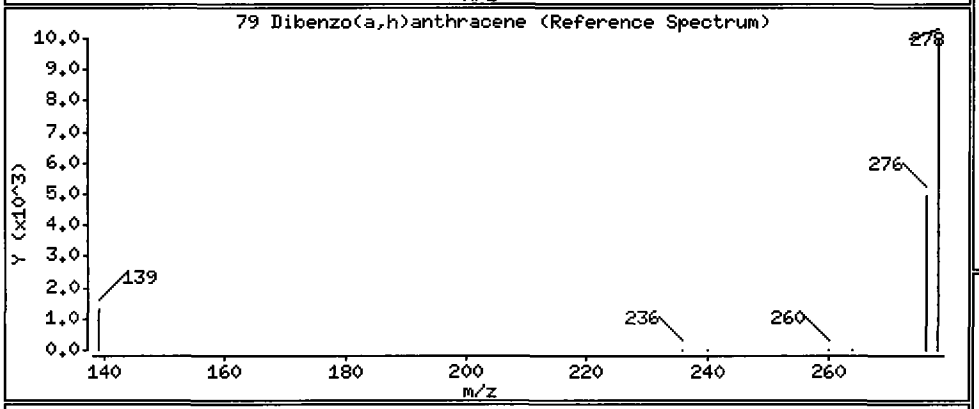
Concentration: 12.90 ug/kg

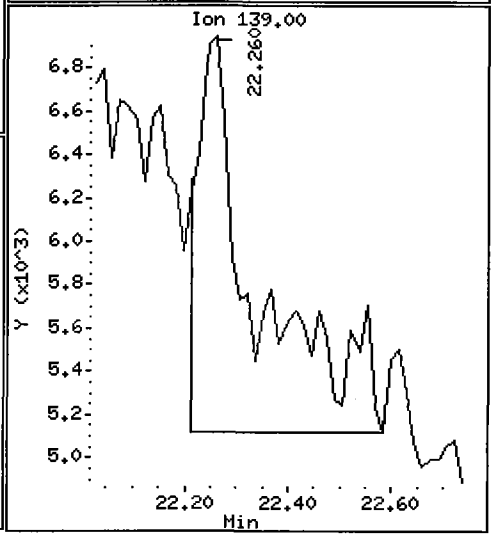


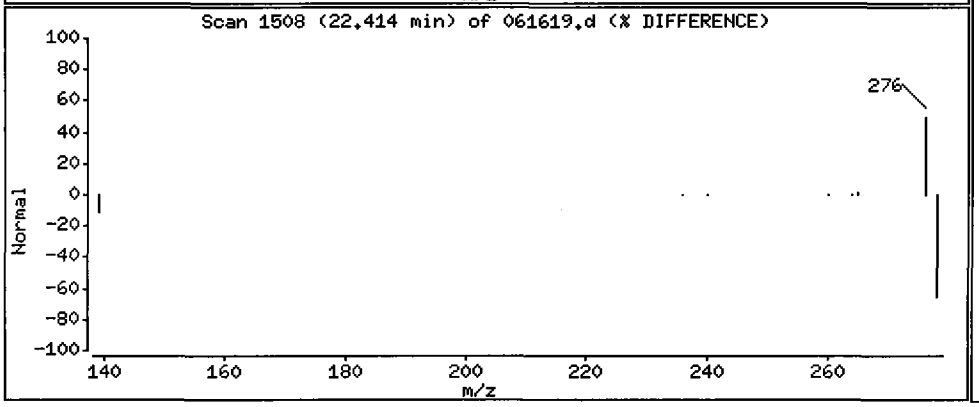












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED7-C**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44L
LIMS ID: 09-12798
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 21:49
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 49.4%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	91	< 91 U
87-86-5	Pentachlorophenol	91	< 91 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	81.6%	d5-Phenol	70.4%
2-Fluorophenol	72.8%	d4-2-Chlorophenol	76.8%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	78.0%
2,4,6-Tribromophenol	105%	d14-p-Terphenyl	119%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061716.d
Lab Smp Id: PB44L Client Smp ID: 3SED7-C
Inj Date : 17-JUN-2009 21:49
Operator : VTS Inst ID: nt2.i
Smp Info : PB44L,3
Misc Info : 09-12798
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 16
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	32.60000	Weight of sample extracted (g)
M	49.40000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.460	5.445	(0.749)	69884	0.91125	165.7
$	2 Phenol-d5	99	6.923	6.888	(0.950)	88878	0.87523	159.2
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.004	6.992	(0.962)	65220	0.95570	173.8
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.285	7.284	(1.000)	128363	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	25709	0.52717	95.88
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.166	8.165	(0.882)	62568	0.64705	117.7
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.262	9.263	(1.000)	356219	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.045	11.046	(0.914)	92505	0.67634	123.0
	39 Dimethylphthalate	163	11.772	11.773	(0.974)	10239	0.07140	12.99
*	42 Acenaphthene-d10	162	12.083	12.084	(1.000)	191719	2.00000	
	50 Diethylphthalate	149	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.379	13.380	(0.926)	20712	1.31044	238.3
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.444	14.445	(1.000)	334358	2.00000	
$	66 Terphenyl-d14	244	17.090	17.090	(0.912)	58097	0.99229	180.5
	67 Butylbenzylphthalate	149	17.969	17.970	(0.959)	7197	0.09830	17.88
*	69 Chrysene-d12	240	18.729	18.730	(1.000)	188215	2.00000	
*	77 Perylene-d12	264	20.884	20.869	(1.000)	73711	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.315	22.301	(1.069)	2375	0.06937	12.62(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061716.d
Lab Smp Id: PB44L
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12798

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED7-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	128363	7.16
27 Naphthalene-d8	372217	186108	744434	356219	-4.30
42 Acenaphthene-d10	182713	91356	365426	191719	4.93
59 Phenanthrene-d10	286879	143440	573758	334358	16.55
69 Chrysene-d12	251912	125956	503824	188215	-25.29
77 Perylene-d12	231524	115762	463048	73711	-68.16 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.01
27 Naphthalene-d8	9.26	8.76	9.76	9.26	0.00
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	-0.01
59 Phenanthrene-d10	14.45	13.95	14.95	14.44	-0.01
69 Chrysene-d12	18.73	18.23	19.23	18.73	-0.01
77 Perylene-d12	20.87	20.37	21.37	20.88	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44L
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12798

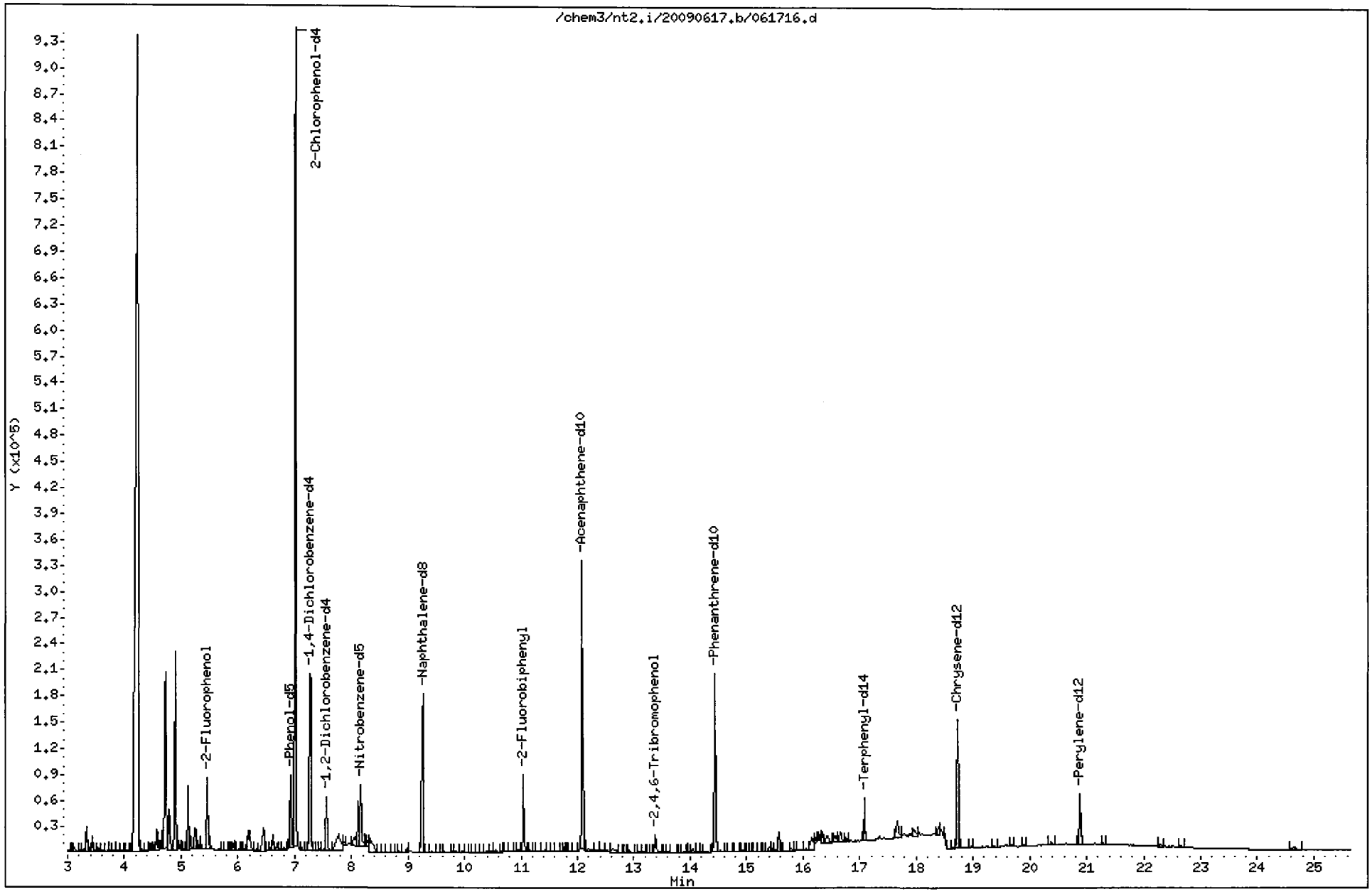
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED7-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	227.3	165.7	72.90	30-160
$ 2 Phenol-d5	227.3	159.2	70.02	30-160
$ 5 2-Chlorophenol-d4	227.3	173.8	76.46	30-160
$ 10 1,2-Dichlorobenzen	151.6	95.88	63.26	30-160
$ 18 Nitrobenzene-d5	151.6	117.7	77.65	30-160
$ 36 2-Fluorobiphenyl	151.6	123.0	81.16	30-160
$ 55 2,4,6-Tribromophen	227.3	238.3	104.83	30-160
$ 66 Terphenyl-d14	151.6	180.5	119.08	30-160

Data File: /chem3/nt2.i/20090617.b/061716.d
Date : 17-JUN-2009 21:49
Client ID: 3SED7-C
Sample Info: PB44L,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB1L:061721



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-A**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44M
LIMS ID: 09-12799
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 22:17
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 54.0%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.2**	**19**
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	**Dimethylphthalate**	**16**	**24**
85-68-7	**Butylbenzylphthalate**	**16**	**51**
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
541-73-1	1,3-Dichlorobenzene	6.2	< 6.2 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	82.4%	d5-Phenol	76.8%
2-Fluorophenol	73.1%	d4-2-Chlorophenol	98.1%
d4-1,2-Dichlorobenzene	56.8%	d5-Nitrobenzene	93.2%
2,4,6-Tribromophenol	98.9%	d14-p-Terphenyl	180%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061620.d
Lab Smp Id: PB44M Client Smp ID: 3SED9-A
Inj Date : 16-JUN-2009 22:17
Operator : VTS Inst ID: nt2.i
Smp Info : PB44M
Misc Info : 09-12799
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	35.00000	Weight of sample extracted (g)
M	54.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.575	5.527	(0.755)	211525	2.73966	170.2
$	2 Phenol-d5	99	7.064	6.961	(0.957)	294347	2.87913	178.8
	3 Phenol	94	7.076	6.972	(0.958)	36622	0.26860	16.68(H)
$	5 2-Chlorophenol-d4	132	7.111	7.076	(0.963)	253115	3.68412	228.8
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.385	7.368	(1.000)	129231	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.662	7.645	(1.037)	69712	1.41987	88.19
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.126	8.096	(1.100)	16509	0.19582	12.16
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.265	8.250	(0.885)	233728	2.32520	144.4
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.343	9.343	(1.000)	370298	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.145	11.128	(0.915)	288052	2.05596	127.7
	39 Dimethylphthalate	163	11.889	11.855	(0.976)	56165	0.38235	23.75
*	42 Acenaphthene-d10	162	12.183	12.166	(1.000)	196390	2.00000	
	50 Diethylphthalate	149	13.020	13.008	(1.069)	13600	0.09084	5.642
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.483	13.460	(0.927)	63955	3.70626	230.2
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.437	14.360	(0.993)	11069	0.45083	28.00
*	59 Phenanthrene-d10	188	14.545	14.529	(1.000)	365043	2.00000	
$	66 Terphenyl-d14	244	17.190	17.167	(0.912)	176063	4.50328	279.7(R)
	67 Butylbenzylphthalate	149	18.069	18.046	(0.959)	40121	0.82066	50.97
*	69 Chrysene-d12	240	18.845	18.814	(1.000)	125684	2.00000	
*	77 Perylene-d12	264	20.999	20.953	(1.000)	46320	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.430	22.400	(1.068)	6624	0.30788	19.12
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061620.d
Lab Smp Id: PB44M
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12799

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED9-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	129231	7.89
27 Naphthalene-d8	372217	186108	744434	370298	-0.52
42 Acenaphthene-d10	182713	91356	365426	196390	7.49
59 Phenanthrene-d10	286879	143440	573758	365043	27.25
69 Chrysene-d12	251912	125956	503824	125684	-50.11 <-
77 Perylene-d12	231524	115762	463048	46320	-79.99 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.39	0.24
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.00
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.14
59 Phenanthrene-d10	14.53	14.03	15.03	14.54	0.11
69 Chrysene-d12	18.81	18.31	19.31	18.84	0.16
77 Perylene-d12	20.95	20.45	21.45	21.00	0.22

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44M
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12799

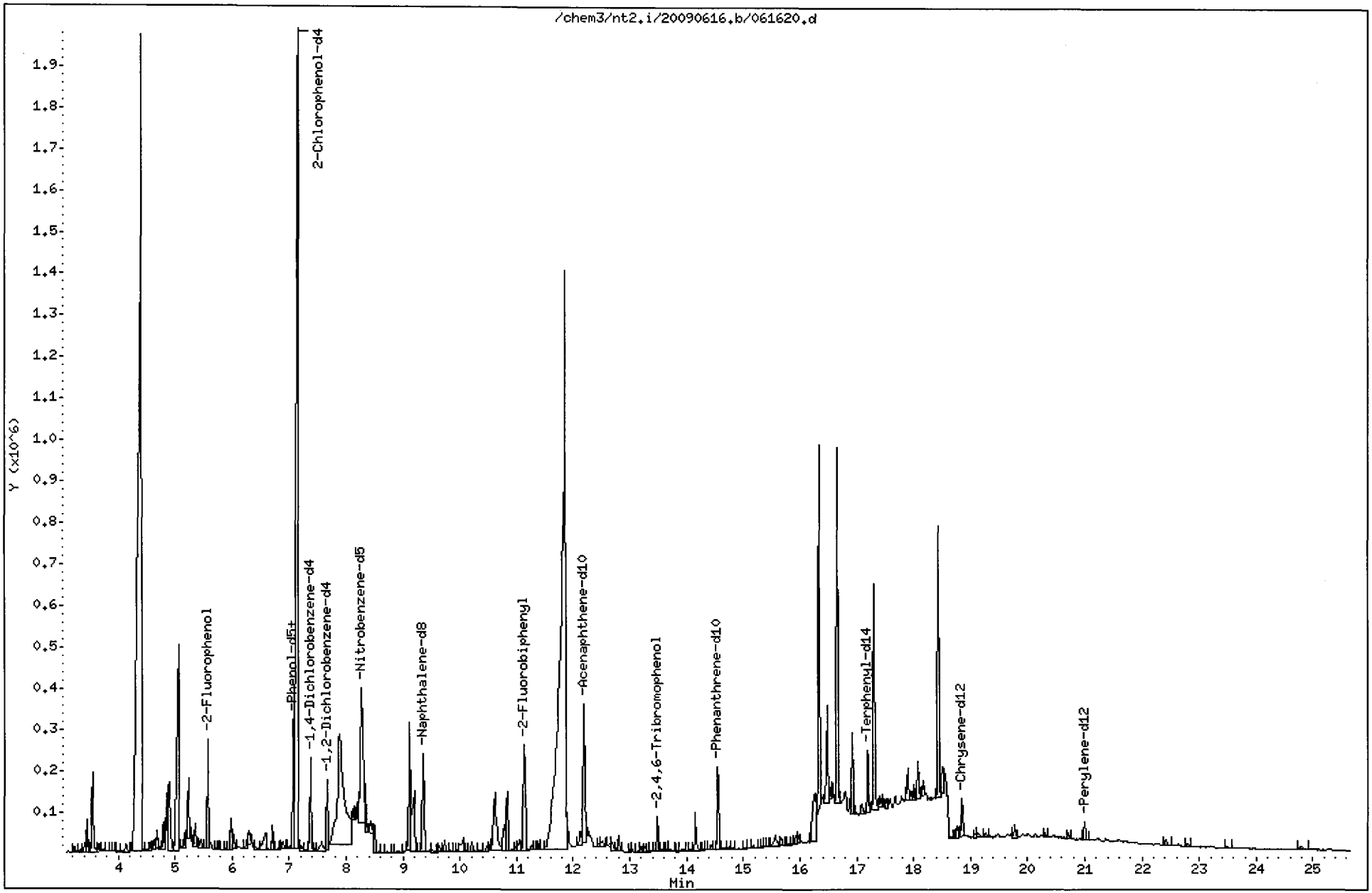
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED9-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	232.9	170.2	73.06	30-160
$ 2 Phenol-d5	232.9	178.8	76.78	30-160
$ 5 2-Chlorophenol-d4	232.9	228.8	98.24	30-160
$ 10 1,2-Dichlorobenzen	155.3	88.19	56.79	30-160
$ 18 Nitrobenzene-d5	155.3	144.4	93.01	30-160
$ 36 2-Fluorobiphenyl	155.3	127.7	82.24	30-160
$ 55 2,4,6-Tribromophen	232.9	230.2	98.83	30-160
$ 66 Terphenyl-d14	155.3	279.7	180.13*	30-160

Data File: /chem3/nt2.i/20090616.b/061620.d
Date : 16-JUN-2009 22:17
Client ID: 3SED9-A
Sample Info: PB44M
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt2.i/20090616.b/061620.d

Date : 16-JUN-2009 22:17

Client ID: 3SED9-A

Instrument: nt2.i

Sample Info: PB44M

Volume Injected (uL): 2.0

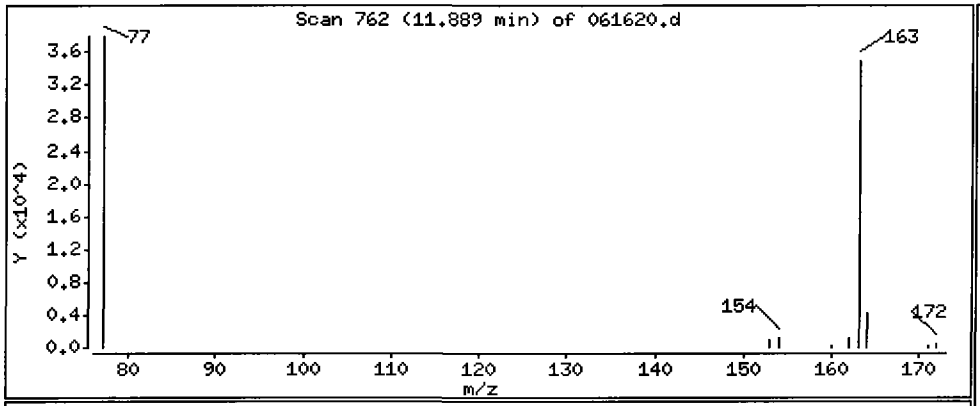
Operator: VTS

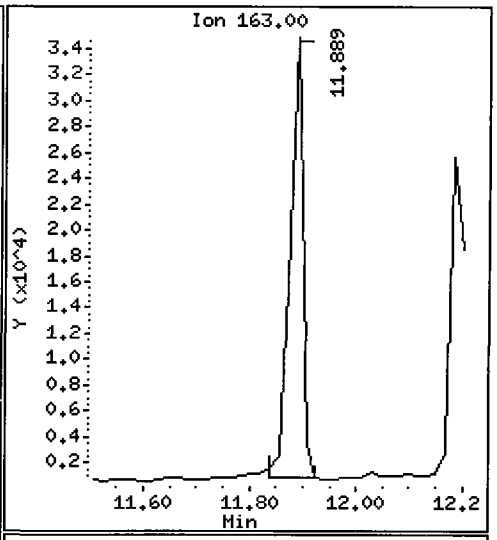
Column phase: ZB-5

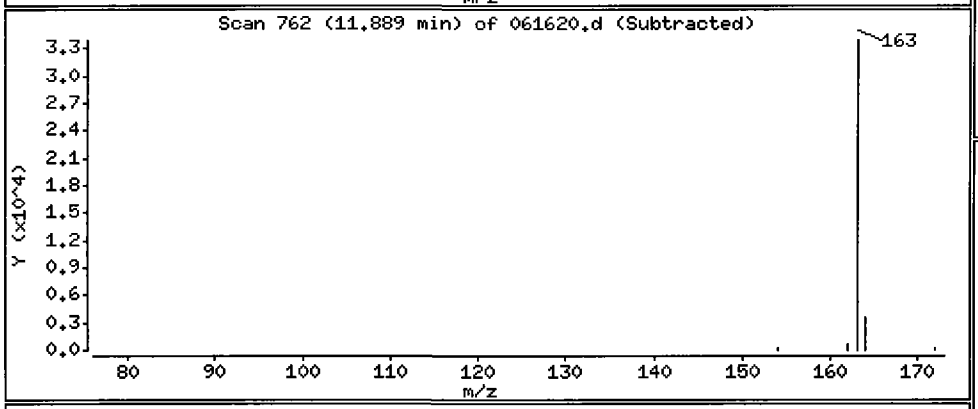
Column diameter: 0.32

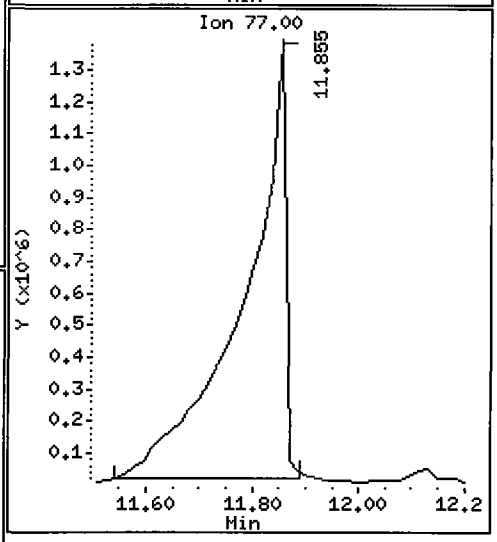
39 Dimethylphthalate

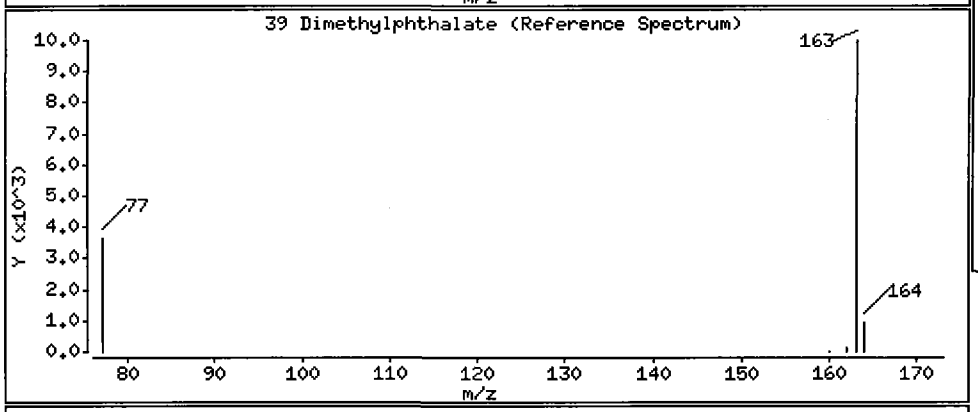
Concentration: 23.75 ug/kg

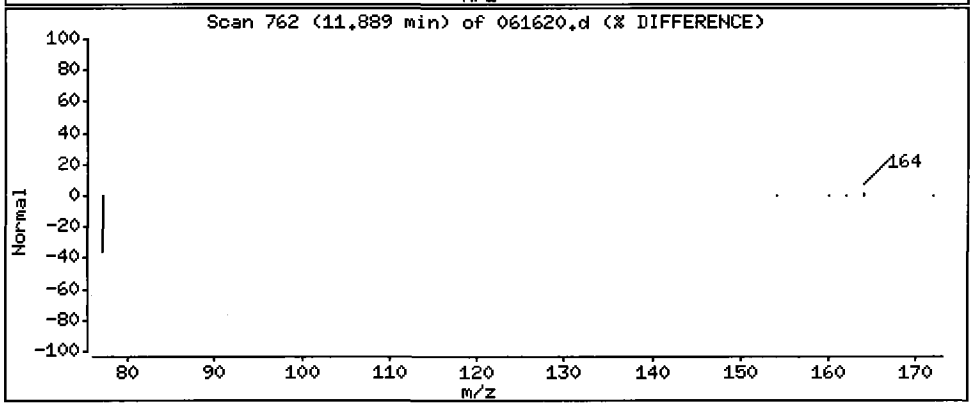












Data File: /chem3/nt2.i/20090616.b/061620.d

Date : 16-JUN-2009 22:17

Client ID: 3SED9-A

Instrument: nt2.i

Sample Info: PB44M

Volume Injected (uL): 2.0

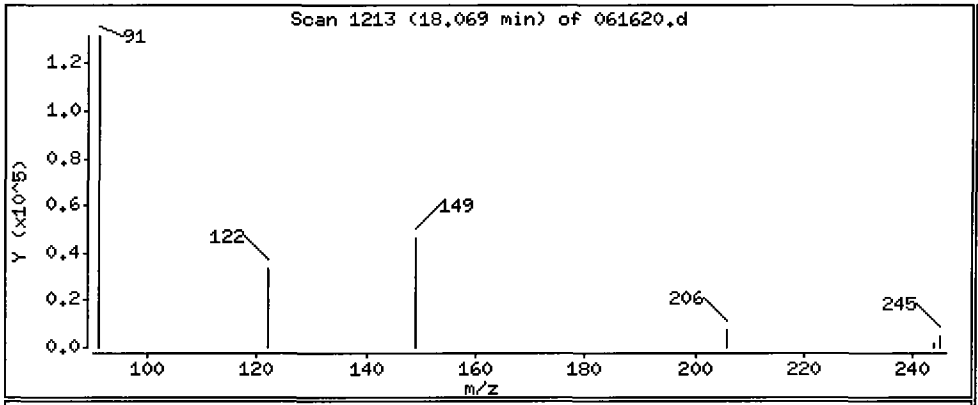
Operator: VTS

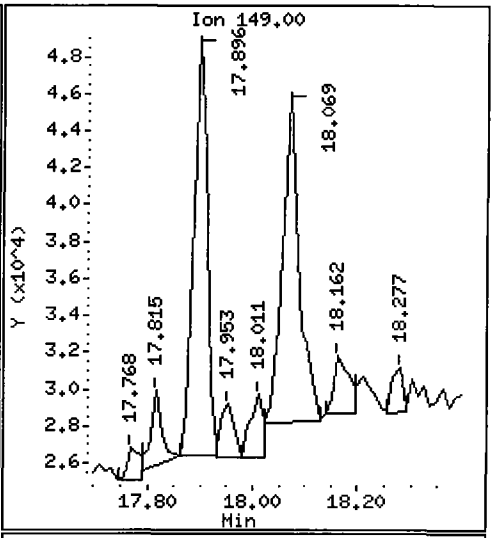
Column phase: ZB-5

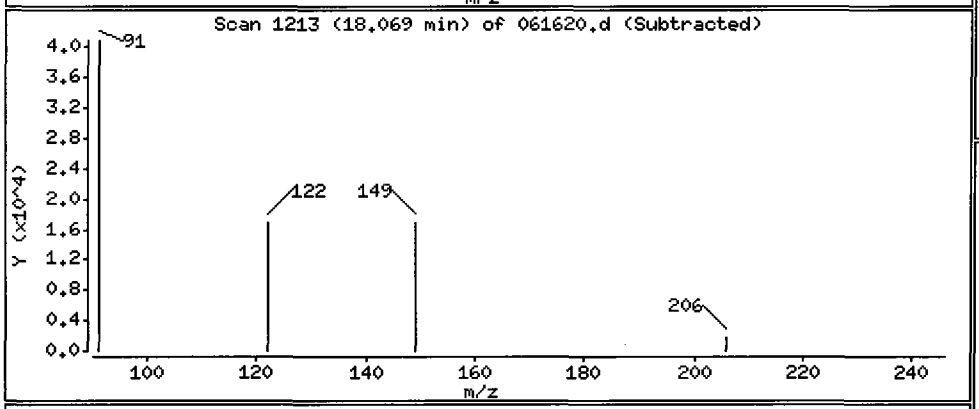
Column diameter: 0.32

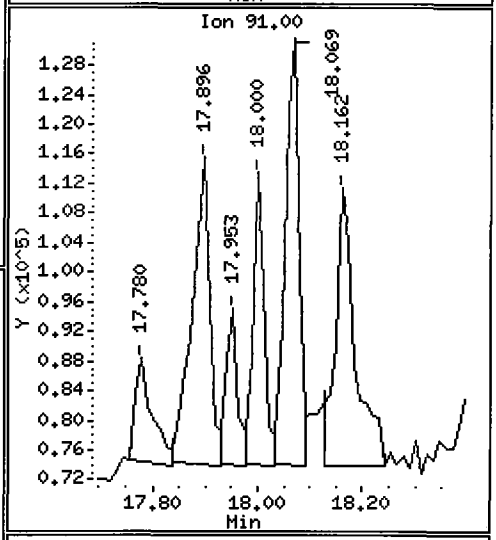
67 Butylbenzylphthalate

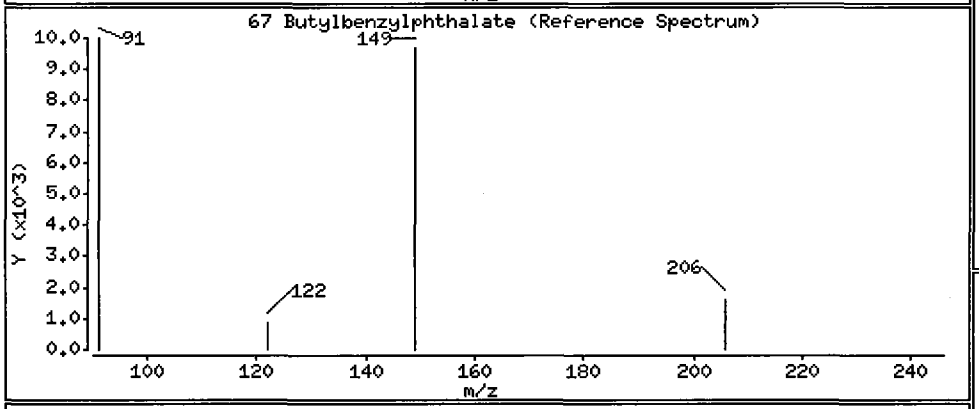
Concentration: 50.97 ug/kg

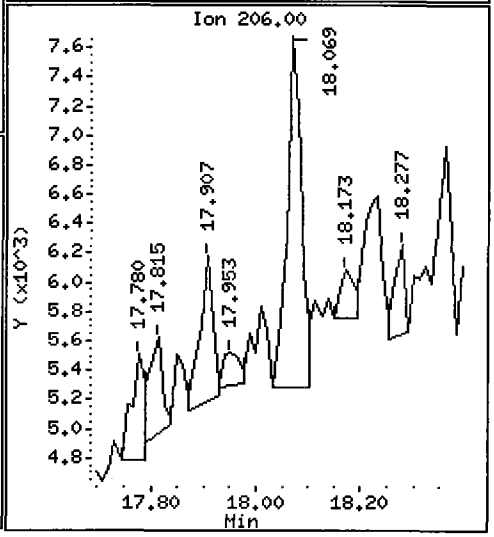


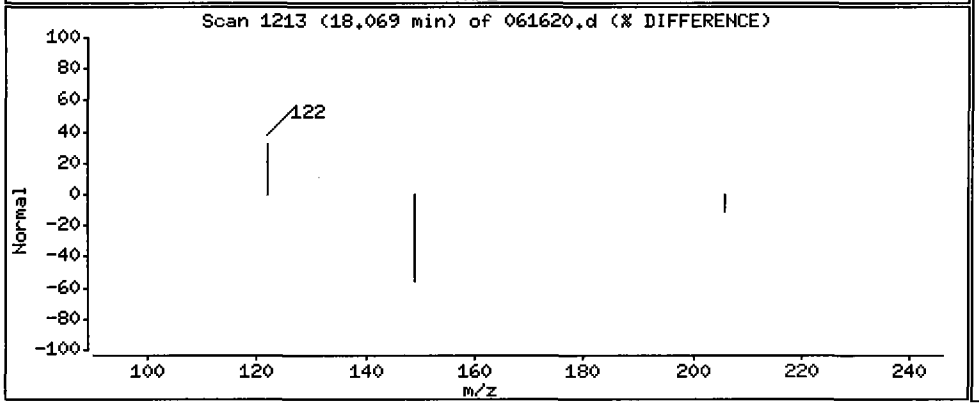












Data File: /chem3/nt2.i/20090616.b/061620.d

Date : 16-JUN-2009 22:17

Client ID: 3SED9-A

Instrument: nt2.i

Sample Info: PB44M

Volume Injected (uL): 2.0

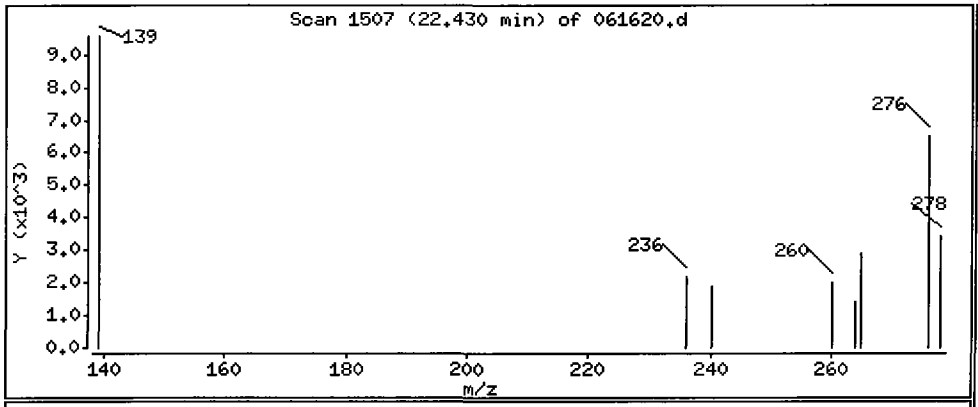
Operator: VTS

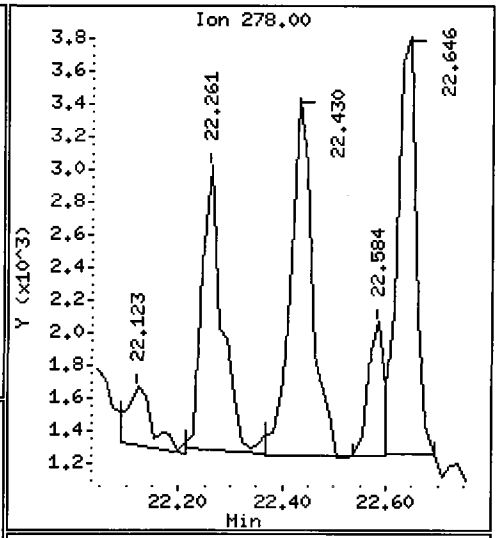
Column phase: ZB-5

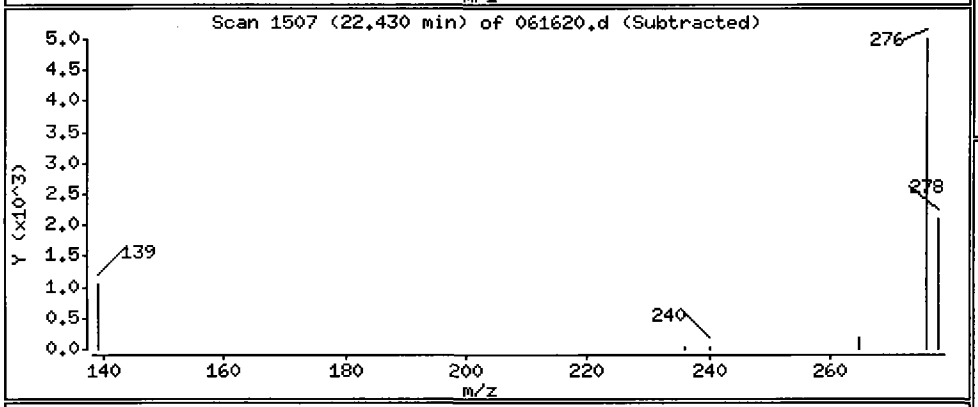
Column diameter: 0.32

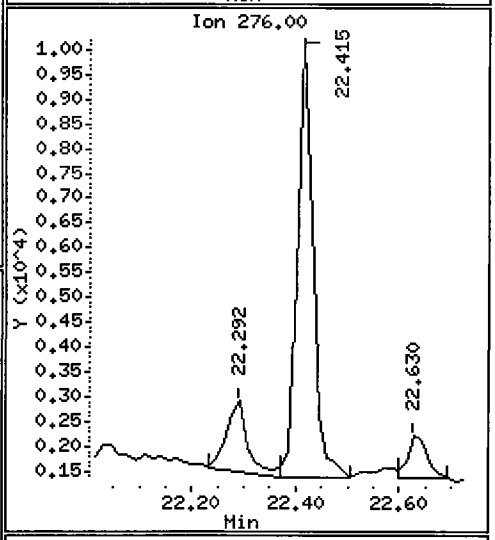
79 Dibenzo(a,h)anthracene

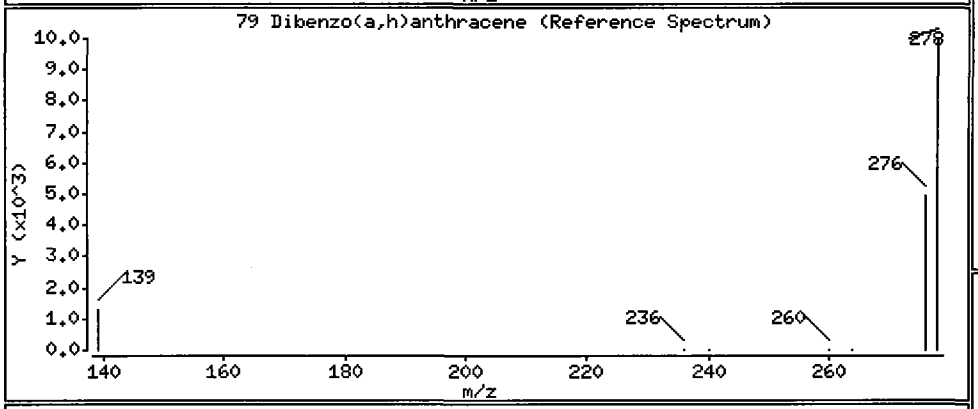
Concentration: 19.12 ug/kg

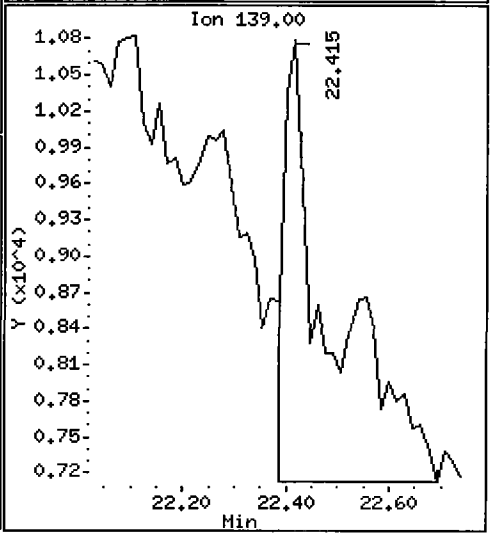


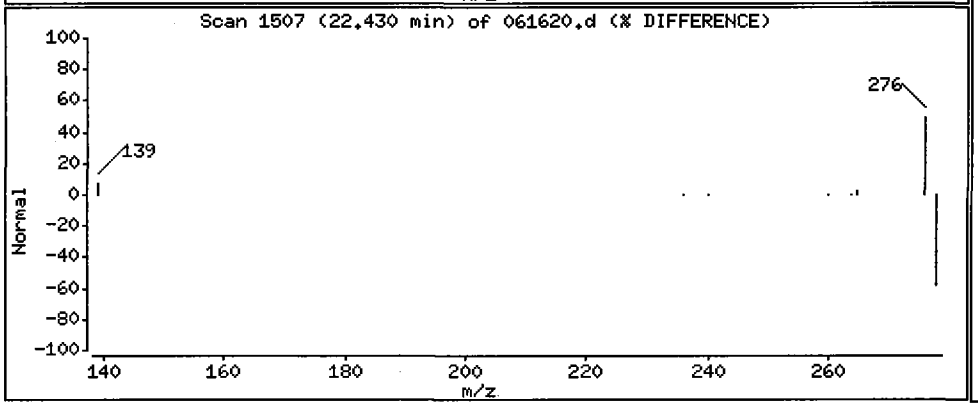












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-A**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44M
LIMS ID: 09-12799
Matrix: Sediment
Data Release Authorized: SB
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 22:23
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 54.0%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	19	< 19 U
106-46-7	1,4-Dichlorobenzene	19	< 19 U
120-82-1	1,2,4-Trichlorobenzene	19	< 19 U
118-74-1	Hexachlorobenzene	19	< 19 U
87-68-3	Hexachlorobutadiene	19	< 19 U
131-11-3	Dimethylphthalate	47	< 47 U
85-68-7	Butylbenzylphthalate	47	< 47 U
95-48-7	2-Methylphenol	19	< 19 U
105-67-9	2,4-Dimethylphenol	19	< 19 U
86-30-6	N-Nitrosodiphenylamine	19	< 19 U
100-51-6	Benzyl Alcohol	93	< 93 U
87-86-5	Pentachlorophenol	93	< 93 U
95-50-1	1,2-Dichlorobenzene	19	< 19 U
541-73-1	1,3-Dichlorobenzene	19	< 19 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	79.2%	d5-Phenol	69.6%
2-Fluorophenol	68.8%	d4-2-Chlorophenol	74.4%
d4-1,2-Dichlorobenzene	54.0%	d5-Nitrobenzene	91.2%
2,4,6-Tribromophenol	92.0%	d14-p-Terphenyl	128%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061717.d
Lab Smp Id: PB44M Client Smp ID: 3SED9-A
Inj Date : 17-JUN-2009 22:23
Operator : VTS Inst ID: nt2.i
Smp Info : PB44M,3
Misc Info : 09-12799
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 17
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	35.00000	Weight of sample extracted (g)
M	54.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.453	5.445	(0.749)	69242	0.85713	159.7
$	2 Phenol-d5	99	6.935	6.888	(0.952)	93185	0.87114	162.3
	3 Phenol	94	6.947	6.899	(0.954)	13151	0.09218	17.18
$	5 2-Chlorophenol-d4	132	7.004	6.992	(0.962)	67029	0.93244	173.7
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.284	7.284	(1.000)	135215	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	23116	0.44998	83.85
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.042	8.027	(1.104)	4855	0.05504	10.26(M)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.165	8.165	(0.882)	77813	0.75636	140.9
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.263	9.263	(1.000)	378986	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.045	11.046	(0.914)	94782	0.65548	122.1
	39 Dimethylphthalate	163	11.789	11.773	(0.976)	18237	0.12029	22.41
*	42 Acenaphthene-d10	162	12.083	12.084	(1.000)	202688	2.00000	
	50 Diethylphthalate	149	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.380	13.380	(0.926)	20539	1.14693	213.7
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.307	14.291	(0.990)	3519	0.13811	25.73
*	59 Phenanthrene-d10	188	14.445	14.445	(1.000)	378832	2.00000	
$	66 Terphenyl-d14	244	17.089	17.090	(0.912)	65723	1.07391	200.1
	67 Butylbenzylphthalate	149	17.968	17.970	(0.959)	16155	0.21110	39.34
*	69 Chrysene-d12	240	18.744	18.730	(1.000)	196739	2.00000	
*	77 Perylene-d12	264	20.899	20.869	(1.000)	75001	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.330	22.301	(1.068)	2454	0.07044	13.13(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061717.d
Lab Smp Id: PB44M
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12799

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED9-A
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	135215	12.88
27 Naphthalene-d8	372217	186108	744434	378986	1.82
42 Acenaphthene-d10	182713	91356	365426	202688	10.93
59 Phenanthrene-d10	286879	143440	573758	378832	32.05
69 Chrysene-d12	251912	125956	503824	196739	-21.90
77 Perylene-d12	231524	115762	463048	75001	-67.61 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.00
27 Naphthalene-d8	9.26	8.76	9.76	9.26	0.01
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	-0.01
59 Phenanthrene-d10	14.45	13.95	14.95	14.45	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.74	0.07
77 Perylene-d12	20.87	20.37	21.37	20.90	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44M
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12799

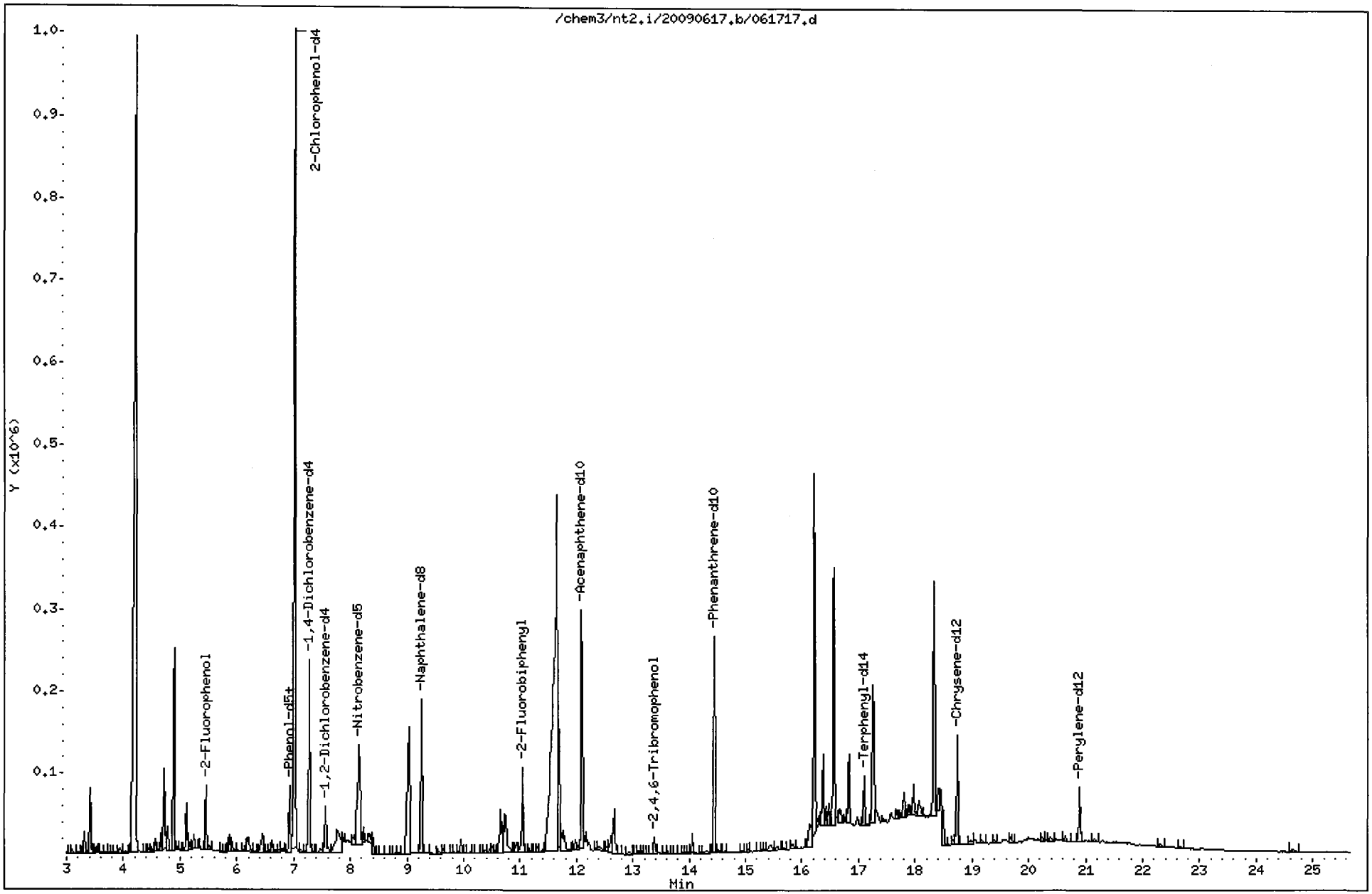
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED9-A
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	232.9	159.7	68.57	30-160
$ 2 Phenol-d5	232.9	162.3	69.69	30-160
$ 5 2-Chlorophenol-d4	232.9	173.7	74.60	30-160
$ 10 1,2-Dichlorobenzen	155.3	83.85	54.00	30-160
$ 18 Nitrobenzene-d5	155.3	140.9	90.76	30-160
$ 36 2-Fluorobiphenyl	155.3	122.1	78.66	30-160
$ 55 2,4,6-Tribromophen	232.9	213.7	91.75	30-160
$ 66 Terphenyl-d14	155.3	200.1	128.87	30-160

Data File: /chem3/nt2.i/20090617.b/061717.d
Date : 17-JUN-2009 22:23
Client ID: 3SED9-A
Sample Info: PB44M,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB44-66736



ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-B**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44N
LIMS ID: 09-12800
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 22:52
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 48.2%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.1**	**19**
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	Dimethylphthalate	15	< 15 U
85-68-7	**Butylbenzylphthalate**	**15**	**48**
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	**Pentachlorophenol**	**30**	**42**
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	74.8%	d5-Phenol	73.1%
2-Fluorophenol	70.7%	d4-2-Chlorophenol	95.7%
d4-1,2-Dichlorobenzene	58.8%	d5-Nitrobenzene	80.0%
2,4,6-Tribromophenol	92.5%	d14-p-Terphenyl	169%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061621.d
Lab Smp Id: PB44N Client Smp ID: 3SED9-B
Inj Date : 16-JUN-2009 22:52
Operator : VTS Inst ID: nt2.i
Smp Info : PB44N
Misc Info : 09-12800
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	31.90000	Weight of sample extracted (g)
M	48.20000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.583	5.527	(0.756)	208607	2.64748	160.2
$	2 Phenol-d5	99	7.065	6.961	(0.957)	286168	2.74278	166.0
	3 Phenol	94	7.077	6.972	(0.958)	21275	0.15290	9.253(H)
$	5 2-Chlorophenol-d4	132	7.111	7.076	(0.963)	251849	3.59190	217.4
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.384	7.368	(1.000)	131886	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.661	7.645	(1.037)	73507	1.46703	88.78
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.127	8.096	(1.101)	18978	0.22057	13.35
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.265	8.250	(0.885)	207085	2.00301	121.2
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.344	9.343	(1.000)	380860	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.129	11.128	(0.913)	273845	1.86658	113.0
	39 Dimethylphthalate	163	11.873	11.855	(0.974)	26235	0.17056	10.32
*	42 Acenaphthene-d10	162	12.184	12.166	(1.000)	205646	2.00000	
	50 Diethylphthalate	149	13.009	13.008	(1.068)	10657	0.06798	4.114
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.472	13.460	(0.926)	60545	3.47253	210.1
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.376	14.360	(0.988)	17008	0.68558	41.49
*	59 Phenanthrene-d10	188	14.545	14.529	(1.000)	368840	2.00000	
$	66 Terphenyl-d14	244	17.189	17.167	(0.912)	175832	4.23115	256.1(R)
	67 Butylbenzylphthalate	149	18.068	18.046	(0.959)	41115	0.79121	47.88(M)
*	69 Chrysene-d12	240	18.844	18.814	(1.000)	133592	2.00000	
*	77 Perylene-d12	264	20.999	20.953	(1.000)	60424	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.445	22.400	(1.069)	8867	0.31594	19.12(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061621.d
Lab Smp Id: PB44N
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12800

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED9-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
8 1,4-Dichlorobenze	119785	59892	239570	131886	10.10	
27 Naphthalene-d8	372217	186108	744434	380860	2.32	
42 Acenaphthene-d10	182713	91356	365426	205646	12.55	
59 Phenanthrene-d10	286879	143440	573758	368840	28.57	
69 Chrysene-d12	251912	125956	503824	133592	-46.97	
77 Perylene-d12	231524	115762	463048	60424	-73.90	<-

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.38	0.22
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.01
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.14
59 Phenanthrene-d10	14.53	14.03	15.03	14.54	0.11
69 Chrysene-d12	18.81	18.31	19.31	18.84	0.16
77 Perylene-d12	20.95	20.45	21.45	21.00	0.22

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44N
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12800

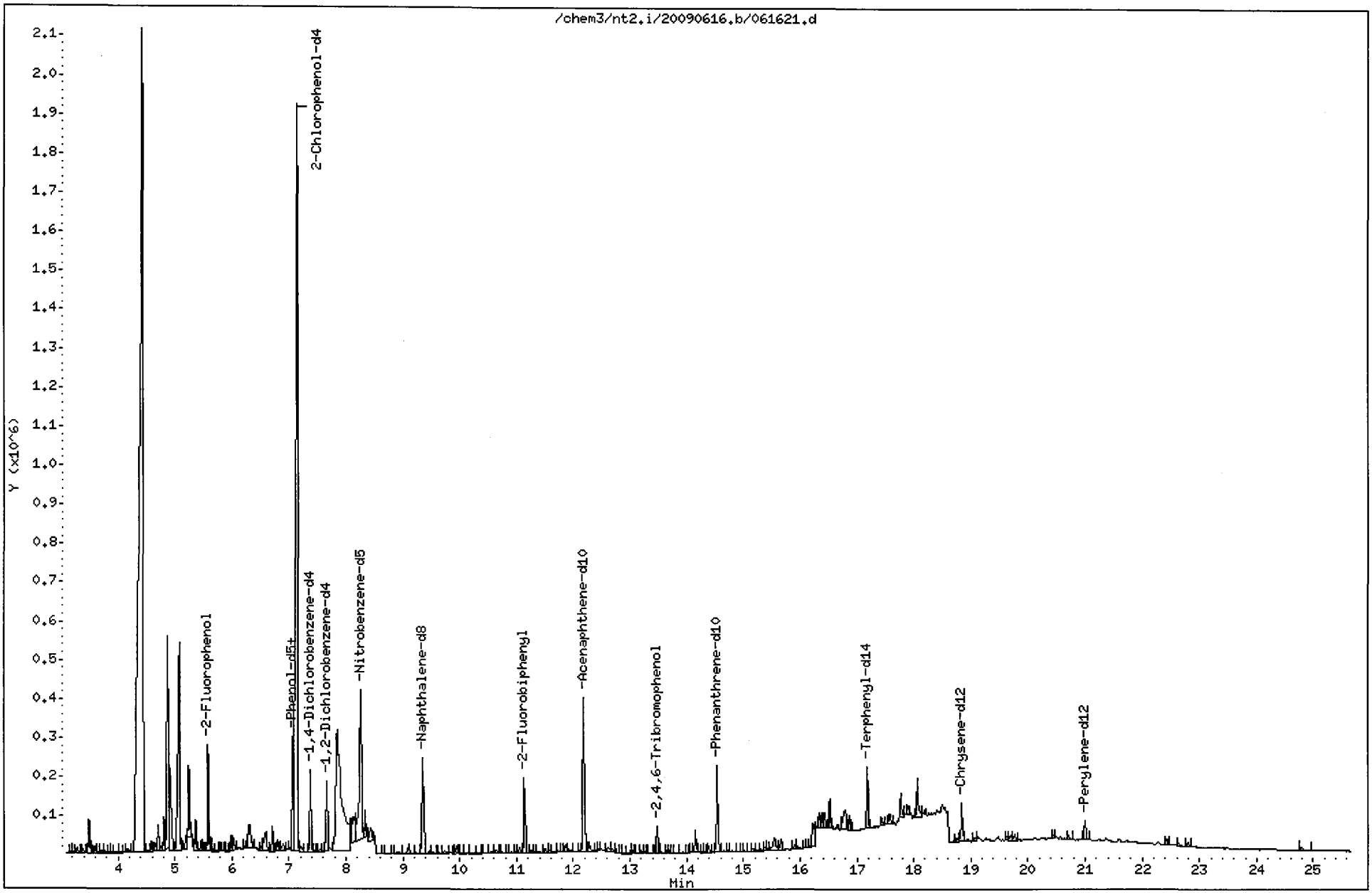
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED9-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	226.9	160.2	70.60	30-160
$ 2 Phenol-d5	226.9	166.0	73.14	30-160
$ 5 2-Chlorophenol-d4	226.9	217.4	95.78	30-160
$ 10 1,2-Dichlorobenzen	151.3	88.78	58.68	30-160
$ 18 Nitrobenzene-d5	151.3	121.2	80.12	30-160
$ 36 2-Fluorobiphenyl	151.3	113.0	74.66	30-160
$ 55 2,4,6-Tribromophen	226.9	210.1	92.60	30-160
$ 66 Terphenyl-d14	151.3	256.1	169.25*	30-160

Data File: /chem3/nt2.i/20090616.b/061621.d
Date : 16-JUN-2009 22:52
Client ID: 3SED9-B
Sample Info: PB44N
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt2.i/20090616.b/061621.d

Date : 16-JUN-2009 22:52

Client ID: 3SED9-B

Instrument: nt2.i

Sample Info: PB44N

Volume Injected (uL): 2.0

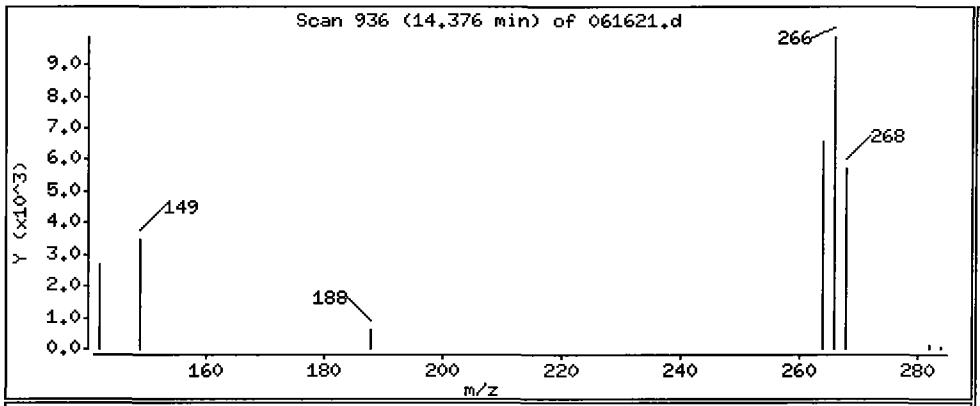
Operator: VTS

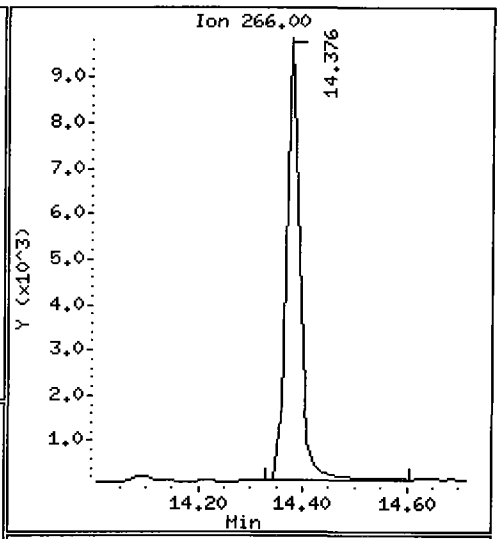
Column phase: ZB-5

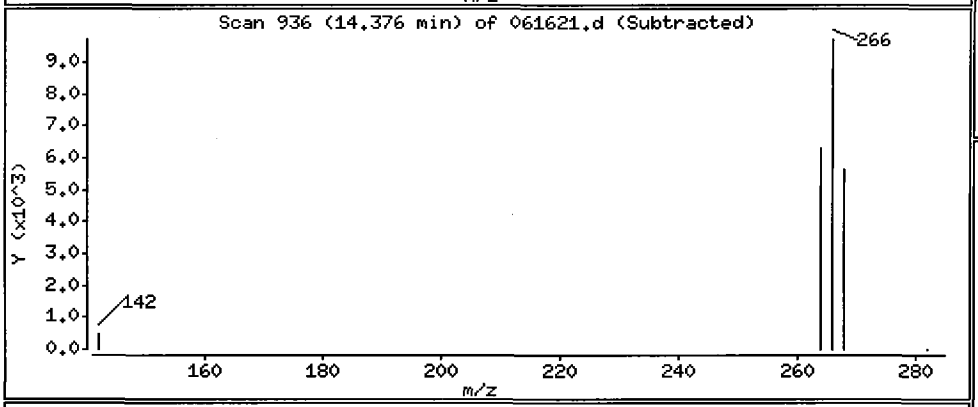
Column diameter: 0.32

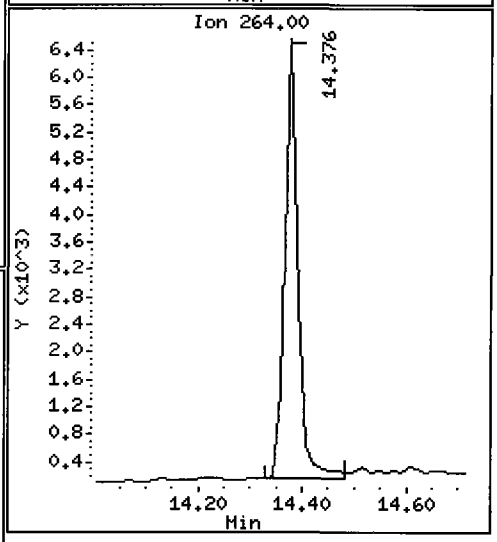
58 Pentachlorophenol

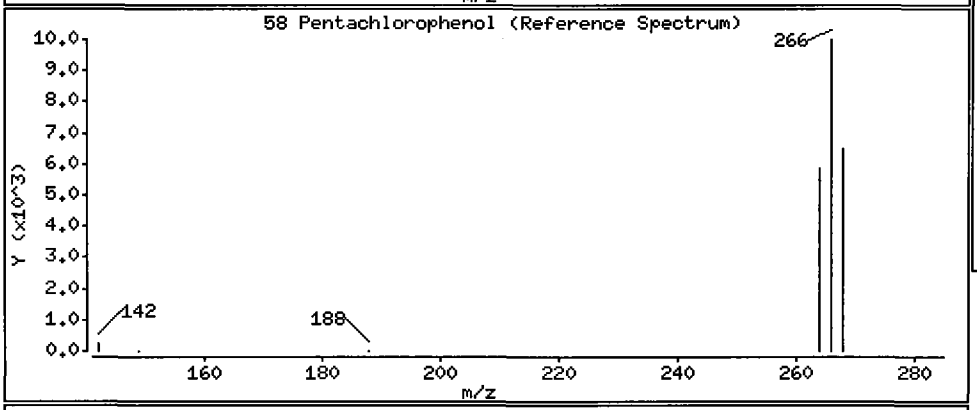
Concentration: 41.49 ug/kg

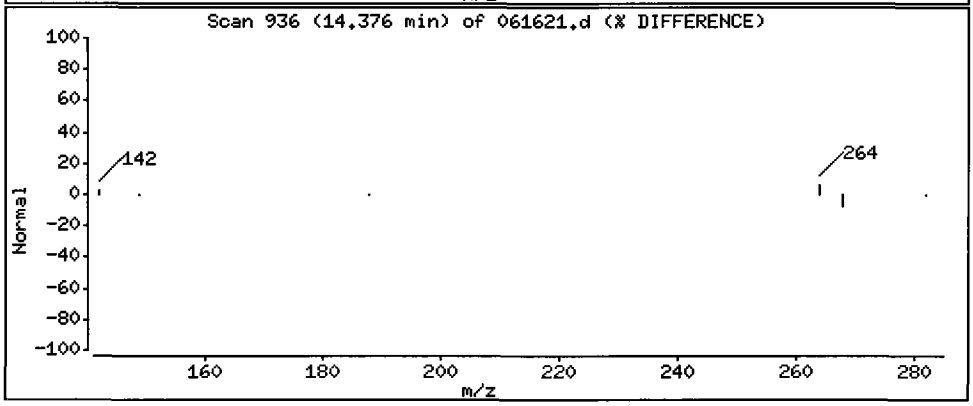












Data File: /chem3/nt2.i/20090616.b/061621.d

Date : 16-JUN-2009 22:52

Client ID: 3SED9-B

Instrument: nt2.i

Sample Info: PB44N

Volume Injected (uL): 2.0

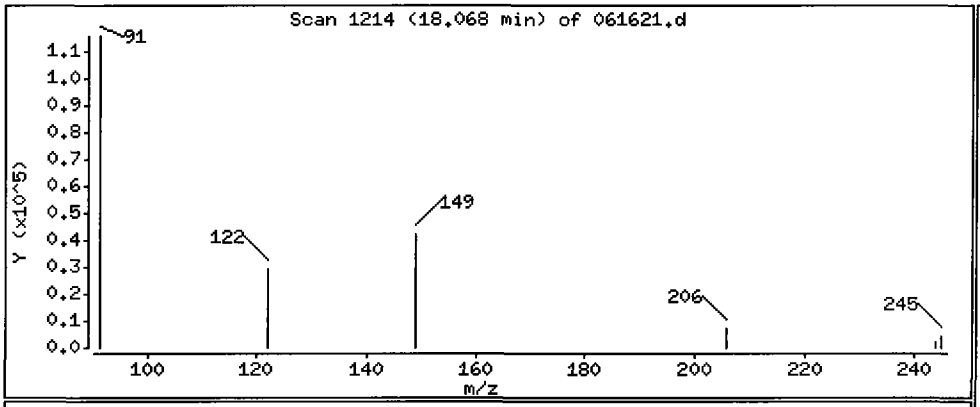
Operator: VTS

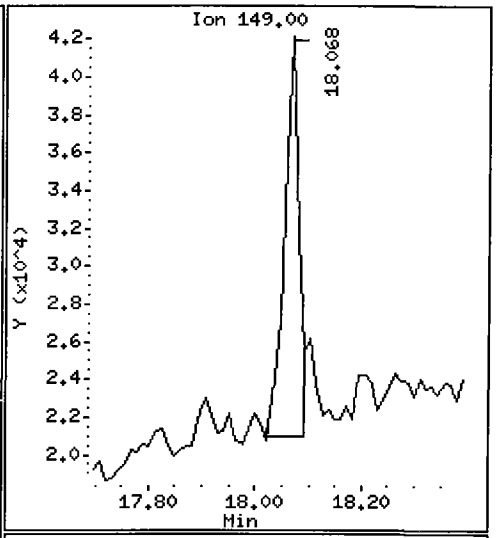
Column phase: ZB-5

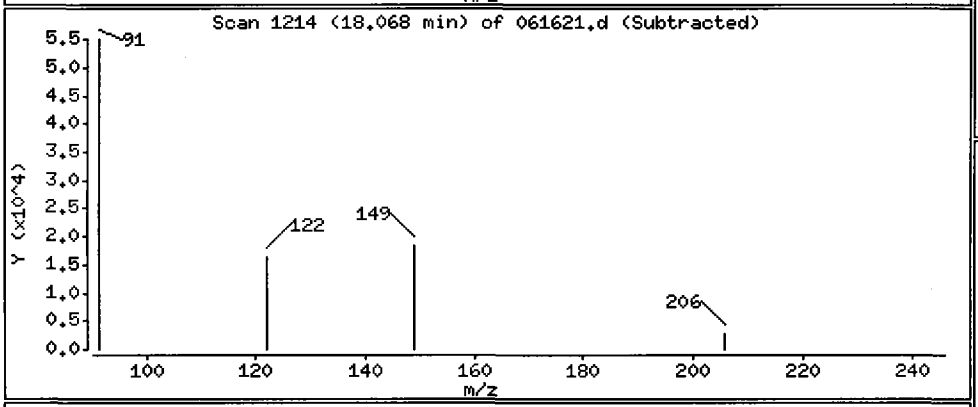
Column diameter: 0.32

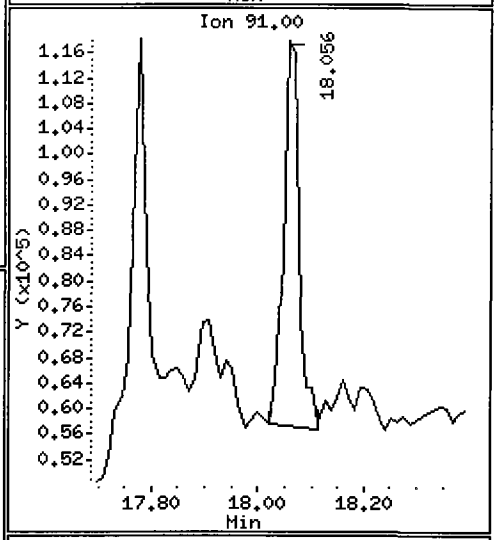
67 Butylbenzylphthalate

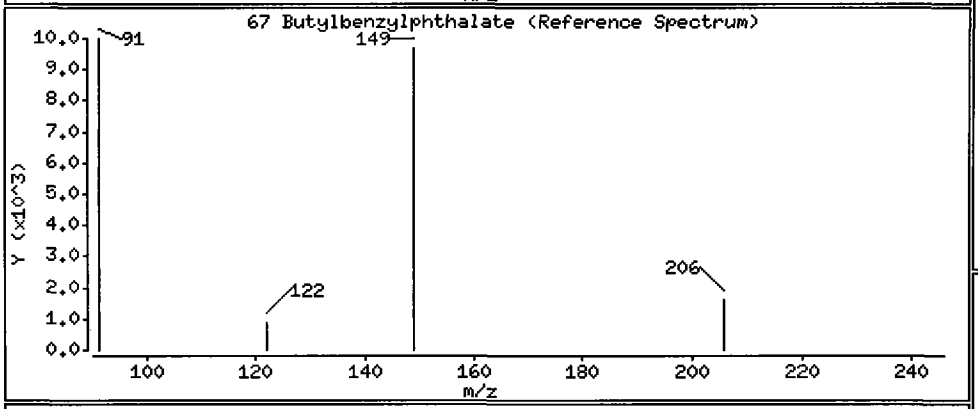
Concentration: 47.88 ug/kg

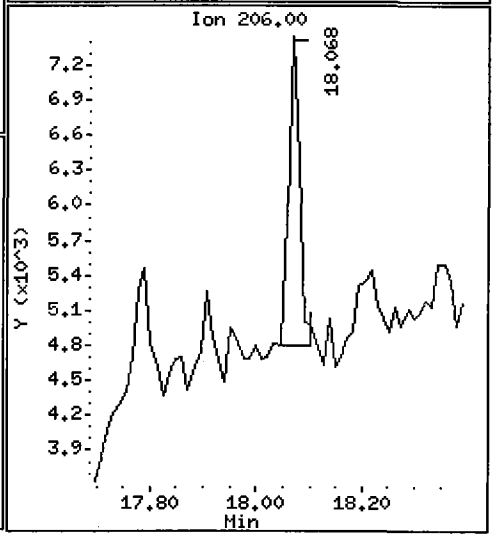


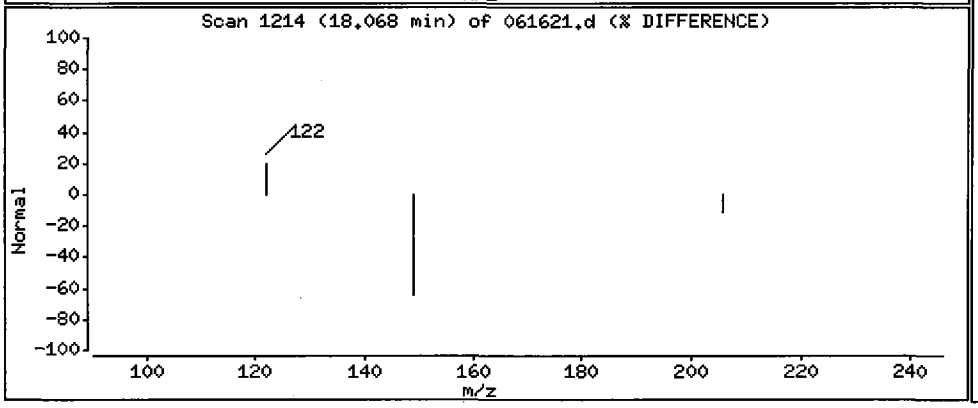












Data File: /chem3/nt2.i/20090616.b/061621.d

Date : 16-JUN-2009 22:52

Client ID: 3SED9-B

Instrument: nt2.i

Sample Info: PB44N

Volume Injected (uL): 2.0

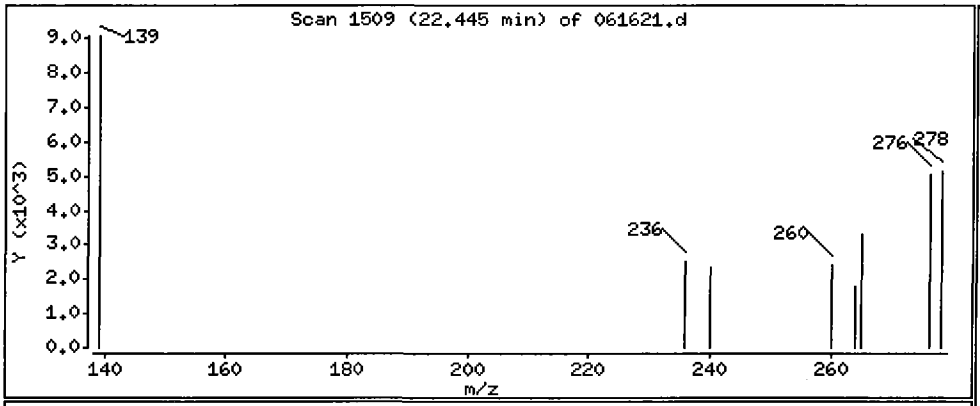
Operator: VTS

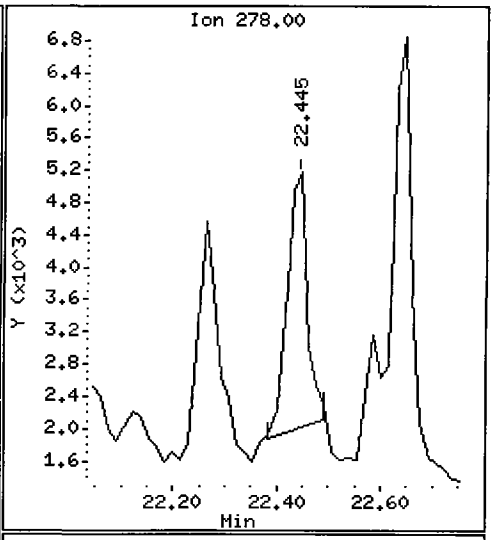
Column phase: ZB-5

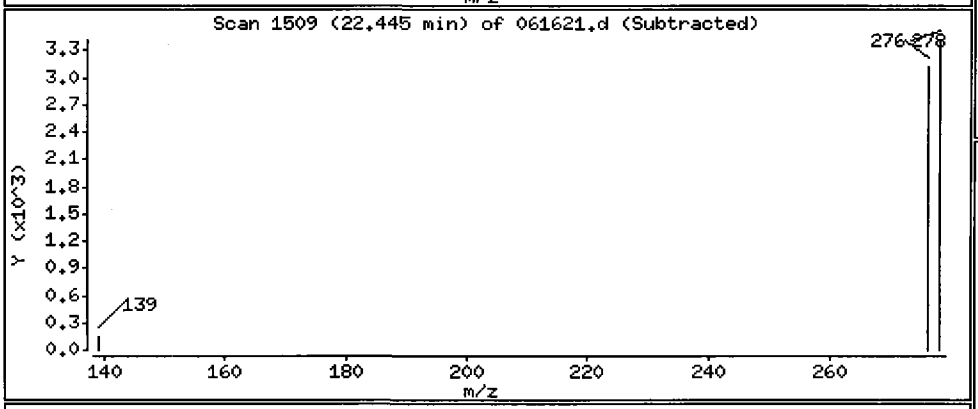
Column diameter: 0.32

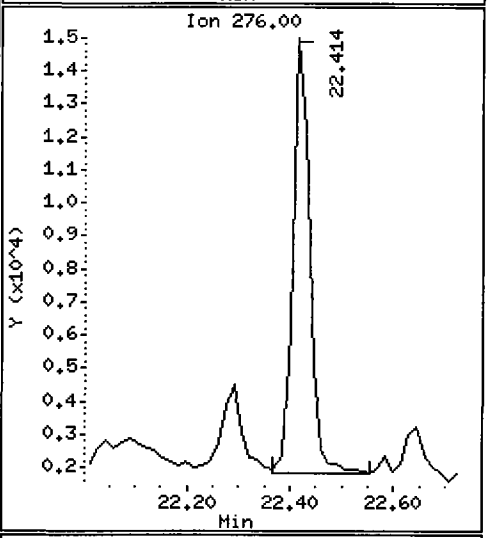
79 Dibenzo(a,h)anthracene

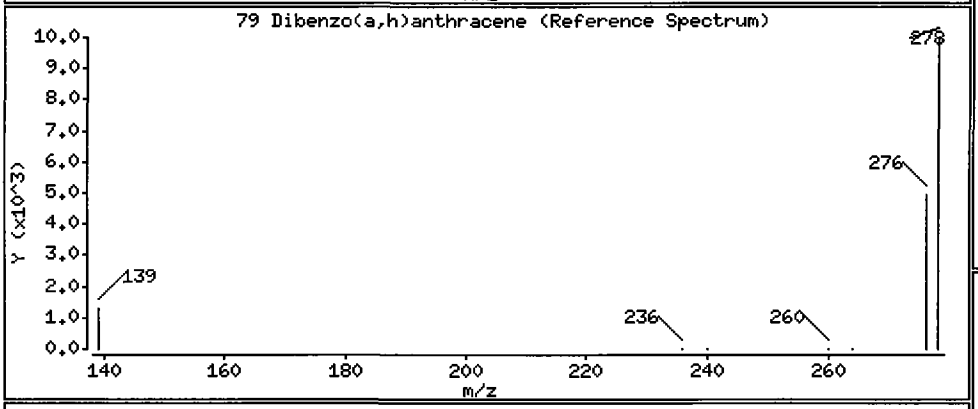
Concentration: 19.12 ug/kg

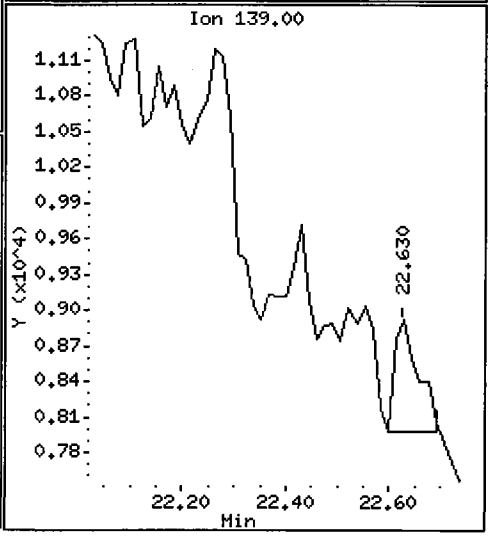


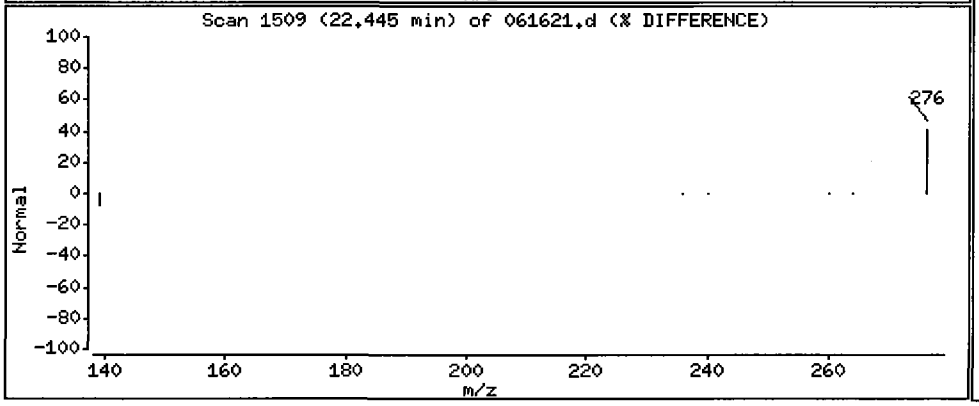












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-B**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44N
LIMS ID: 09-12800
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 22:58
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 48.2%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	Butylbenzylphthalate	46	< 46 U
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	91	< 91 U
87-86-5	Pentachlorophenol	91	< 91 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	78.0%	d5-Phenol	68.8%
2-Fluorophenol	68.8%	d4-2-Chlorophenol	73.6%
d4-1,2-Dichlorobenzene	56.4%	d5-Nitrobenzene	74.4%
2,4,6-Tribromophenol	88.0%	d14-p-Terphenyl	125%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061718.d
Lab Smp Id: PB44N Client Smp ID: 3SED9-B
Inj Date : 17-JUN-2009 22:58
Operator : VTS Inst ID: nt2.i
Smp Info : PB44N,3
Misc Info : 09-12800
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 18
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	31.90000	Weight of sample extracted (g)
M	48.20000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.461	5.445	(0.750)	69513	0.86286	156.7
$	2 Phenol-d5	99	6.923	6.888	(0.950)	91472	0.85749	155.7
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.004	6.992	(0.962)	66099	0.92204	167.4
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.284	7.284	(1.000)	134843	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	24107	0.47057	85.43
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.027	8.027	(1.102)	5847	0.06647	12.07
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.165	8.165	(0.882)	63742	0.62496	113.5
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.263	9.263	(1.000)	375726	2.00000	
30	Hexachlorobutadiene	225	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.045	11.046	(0.914)	92374	0.64554	117.2
39	Dimethylphthalate	163	11.771	11.773	(0.974)	8633	0.05754	10.45
* 42	Acenaphthene-d10	162	12.083	12.084	(1.000)	200581	2.00000	
50	Diethylphthalate	149	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.380	13.380	(0.926)	19382	1.10114	199.9
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	14.292	14.291	(0.989)	4944	0.19741	35.84(M)
* 59	Phenanthrene-d10	188	14.445	14.445	(1.000)	372358	2.00000	
$ 66	Terphenyl-d14	244	17.089	17.090	(0.912)	62376	1.03590	188.1
67	Butylbenzylphthalate	149	17.968	17.970	(0.959)	16441	0.21835	39.64
* 69	Chrysene-d12	240	18.744	18.730	(1.000)	193571	2.00000	
* 77	Perylene-d12	264	20.898	20.869	(1.000)	74798	2.00000	
79	Dibenzo(a,h)anthracene	278	22.329	22.301	(1.068)	3168	0.09119	16.56(M)
90	N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061718.d
Lab Smp Id: PB44N
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12800

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED9-B
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	134843	12.57
27 Naphthalene-d8	372217	186108	744434	375726	0.94
42 Acenaphthene-d10	182713	91356	365426	200581	9.78
59 Phenanthrene-d10	286879	143440	573758	372358	29.80
69 Chrysene-d12	251912	125956	503824	193571	-23.16
77 Perylene-d12	231524	115762	463048	74798	-67.69 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.00
27 Naphthalene-d8	9.26	8.76	9.76	9.26	0.00
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	-0.01
59 Phenanthrene-d10	14.45	13.95	14.95	14.45	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.74	0.07
77 Perylene-d12	20.87	20.37	21.37	20.90	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

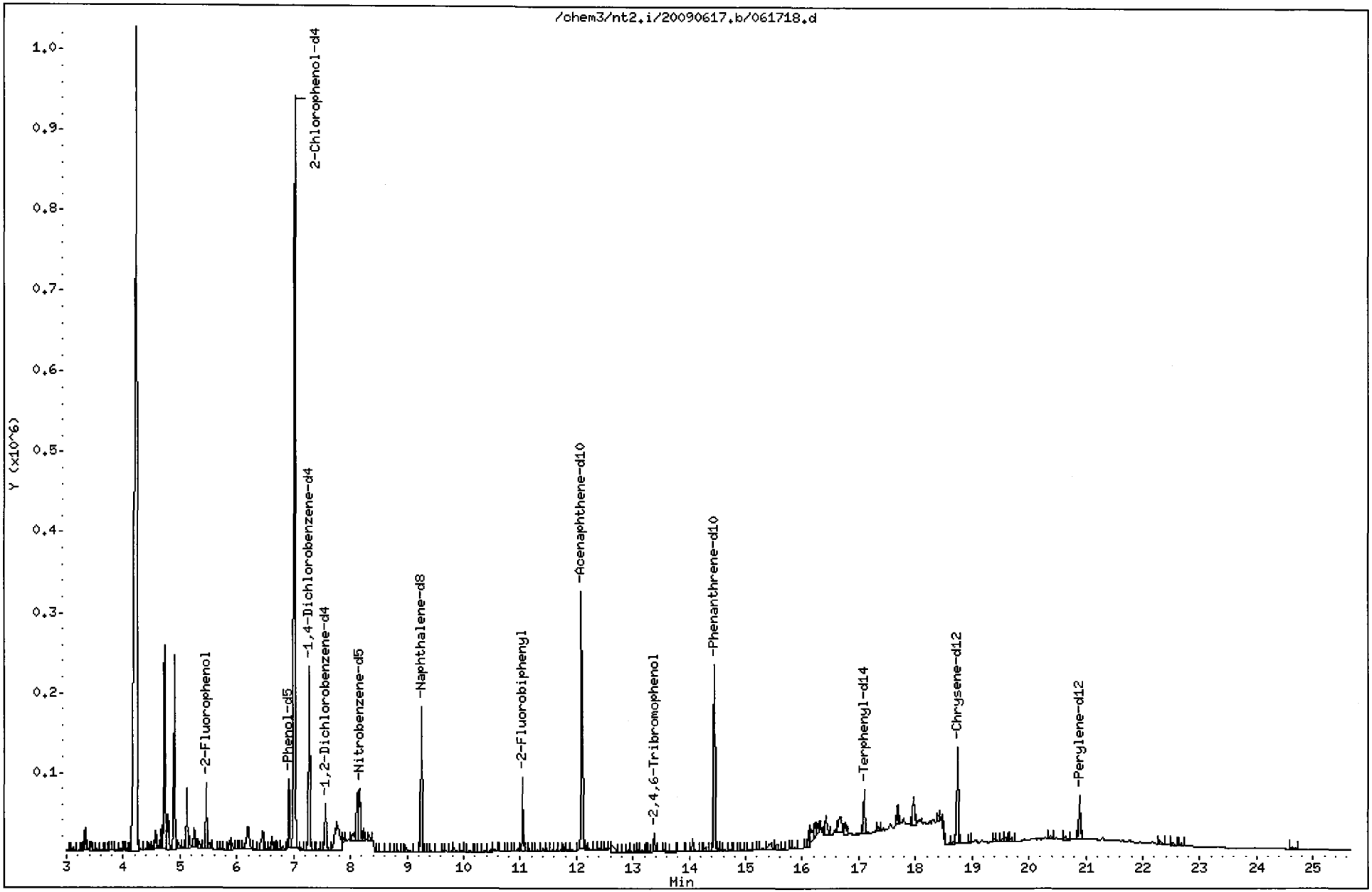
Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44N
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12800

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED9-B
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	226.9	156.7	69.03	30-160
$ 2 Phenol-d5	226.9	155.7	68.60	30-160
$ 5 2-Chlorophenol-d4	226.9	167.4	73.76	30-160
$ 10 1,2-Dichlorobenzen	151.3	85.43	56.47	30-160
$ 18 Nitrobenzene-d5	151.3	113.5	75.00	30-160
$ 36 2-Fluorobiphenyl	151.3	117.2	77.46	30-160
$ 55 2,4,6-Tribromophen	226.9	199.9	88.09	30-160
$ 66 Terphenyl-d14	151.3	188.1	124.31	30-160

Data File: /chem3/nt2.i/20090617.b/061718.d
Date : 17-JUN-2009 22:58
Client ID: 3SED9-B
Sample Info: PB44N,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



PB44N:061751

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-C**
Page 1 of 1 **SAMPLE**

Lab Sample ID: PB44O
LIMS ID: 09-12801
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 23:27
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.8%

CAS Number	Analyte	RL	Result
53-70-3	**Dibenz(a,h)anthracene**	**6.1**	**6.1**
106-46-7	1,4-Dichlorobenzene	6.1	< 6.1 U
120-82-1	1,2,4-Trichlorobenzene	6.1	< 6.1 U
118-74-1	Hexachlorobenzene	6.1	< 6.1 U
87-68-3	Hexachlorobutadiene	6.1	< 6.1 U
131-11-3	**Dimethylphthalate**	**15**	**20**
85-68-7	**Butylbenzylphthalate**	**15**	**92**
95-48-7	2-Methylphenol	6.1	< 6.1 U
105-67-9	2,4-Dimethylphenol	6.1	< 6.1 U
86-30-6	N-Nitrosodiphenylamine	6.1	< 6.1 U
100-51-6	Benzyl Alcohol	30	< 30 U
87-86-5	Pentachlorophenol	30	< 30 U
95-50-1	1,2-Dichlorobenzene	6.1	< 6.1 U
541-73-1	1,3-Dichlorobenzene	6.1	< 6.1 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	80.8%	d5-Phenol	76.5%
2-Fluorophenol	74.9%	d4-2-Chlorophenol	101%
d4-1,2-Dichlorobenzene	69.2%	d5-Nitrobenzene	85.2%
2,4,6-Tribromophenol	98.7%	d14-p-Terphenyl	188%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061622.d
Lab Smp Id: PB44O Client Smp ID: 3SED9-C
Inj Date : 16-JUN-2009 23:27
Operator : VTS Inst ID: nt2.i
Smp Info : PB44O
Misc Info : 09-12801
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	26.10000	Weight of sample extracted (g)
M	36.80000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.591	5.527	(0.757)	214695	2.81201	170.5
$	2 Phenol-d5	99	7.065	6.961	(0.957)	290333	2.87183	174.1
	3 Phenol	94	7.076	6.972	(0.958)	15182	0.11260	6.826(H)
$	5 2-Chlorophenol-d4	132	7.111	7.076	(0.963)	258238	3.80098	230.4
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.385	7.368	(1.000)	127793	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.662	7.645	(1.037)	84185	1.73395	105.1
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	8.127	8.096	(1.100)	8462	0.10150	6.153(M)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.266	8.250	(0.885)	215313	2.13087	129.2
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.343	9.343	(1.000)	372232	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.145	11.128	(0.915)	282139	2.01505	122.2
	39 Dimethylphthalate	163	11.872	11.855	(0.974)	48511	0.33045	20.03
*	42 Acenaphthene-d10	162	12.183	12.166	(1.000)	196264	2.00000	
	50 Diethylphthalate	149	13.008	13.008	(1.068)	43323	0.28956	17.55
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.483	13.460	(0.927)	61797	3.69802	224.2
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	14.375	14.360	(0.988)	7450	0.31333	19.00
*	59 Phenanthrene-d10	188	14.544	14.529	(1.000)	353512	2.00000	
$	66 Terphenyl-d14	244	17.189	17.167	(0.912)	177042	4.70455	285.2(R)
	67 Butylbenzylphthalate	149	18.069	18.046	(0.959)	71697	1.52360	92.37
*	69 Chrysene-d12	240	18.845	18.814	(1.000)	120976	2.00000	
*	77 Perylene-d12	264	20.999	20.953	(1.000)	46375	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.430	22.400	(1.068)	2254	0.10464	6.344(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061622.d
Lab Smp Id: PB44O
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12801

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED9-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	127793	6.69
27 Naphthalene-d8	372217	186108	744434	372232	0.00
42 Acenaphthene-d10	182713	91356	365426	196264	7.42
59 Phenanthrene-d10	286879	143440	573758	353512	23.23
69 Chrysene-d12	251912	125956	503824	120976	-51.98 <-
77 Perylene-d12	231524	115762	463048	46375	-79.97 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.39	0.23
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.00
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.14
59 Phenanthrene-d10	14.53	14.03	15.03	14.54	0.11
69 Chrysene-d12	18.81	18.31	19.31	18.84	0.16
77 Perylene-d12	20.95	20.45	21.45	21.00	0.22

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44O
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12801

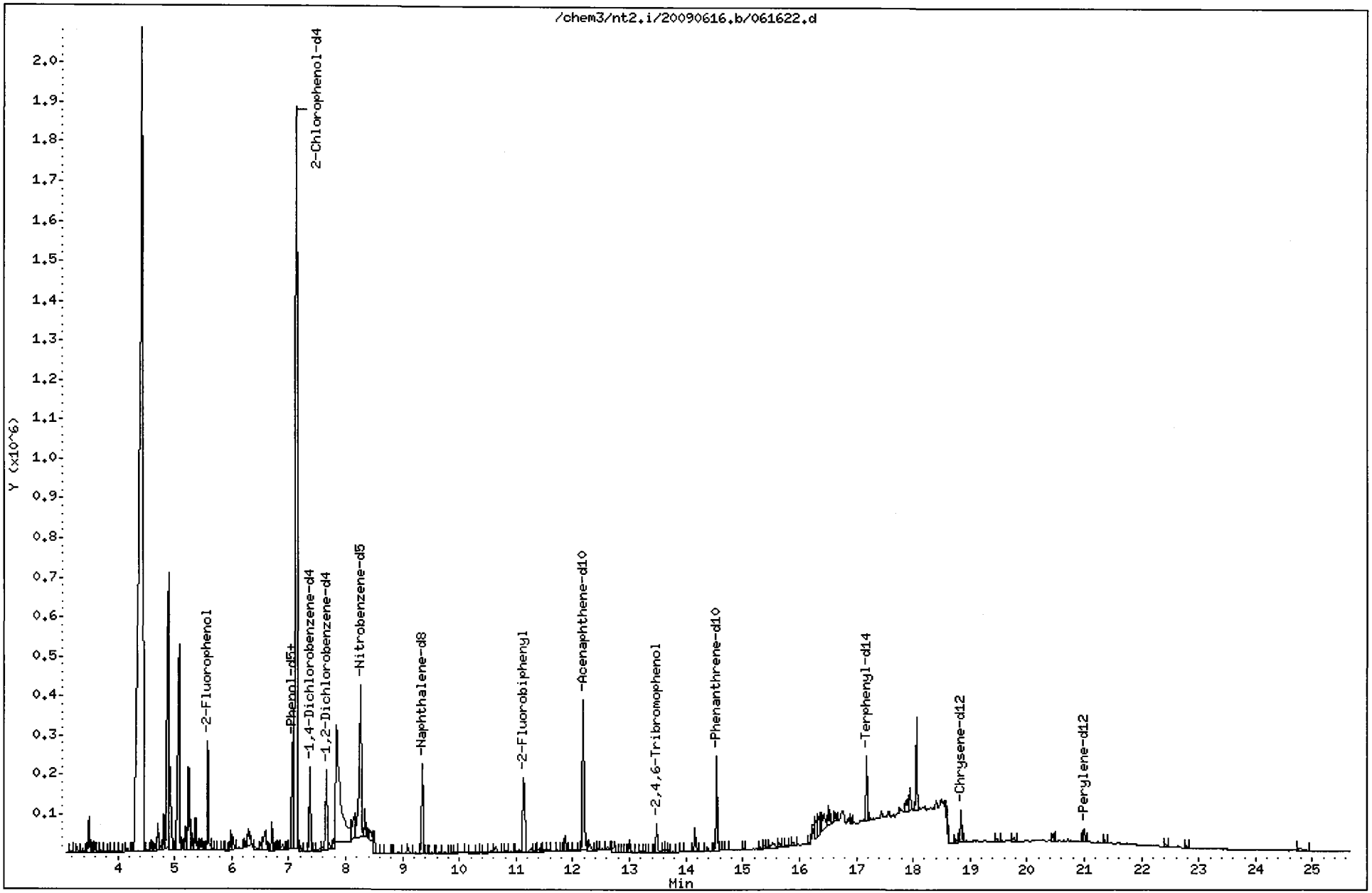
Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED9-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	227.3	170.5	74.99	30-160
$ 2 Phenol-d5	227.3	174.1	76.58	30-160
$ 5 2-Chlorophenol-d4	227.3	230.4	101.36	30-160
$ 10 1,2-Dichlorobenzen	151.6	105.1	69.36	30-160
$ 18 Nitrobenzene-d5	151.6	129.2	85.23	30-160
$ 36 2-Fluorobiphenyl	151.6	122.2	80.60	30-160
$ 55 2,4,6-Tribromophen	227.3	224.2	98.61	30-160
$ 66 Terphenyl-d14	151.6	285.2	188.18*	30-160

Data File: /chem3/nt2.i/20090616.b/061622.d
Date : 16-JUN-2009 23:27
Client ID: 3SED9-C
Sample Info: PB440
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt2.i/20090616.b/061622.d

Date : 16-JUN-2009 23:27

Client ID: 3SED9-C

Instrument: nt2.i

Sample Info: PB440

Volume Injected (uL): 2.0

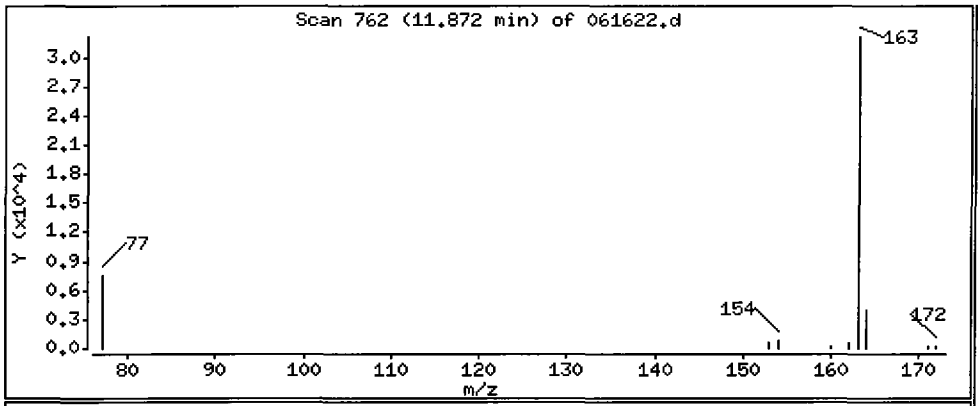
Operator: VTS

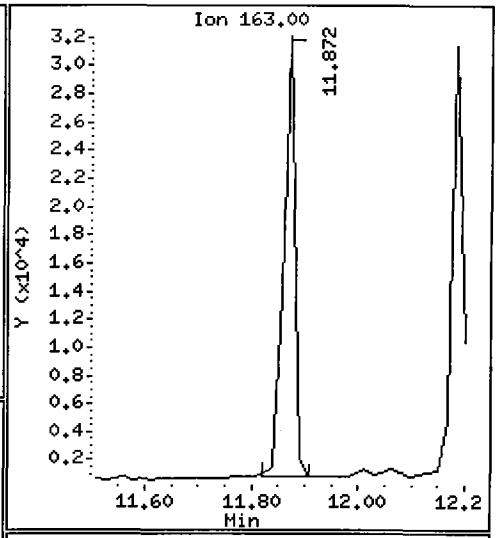
Column phase: ZB-5

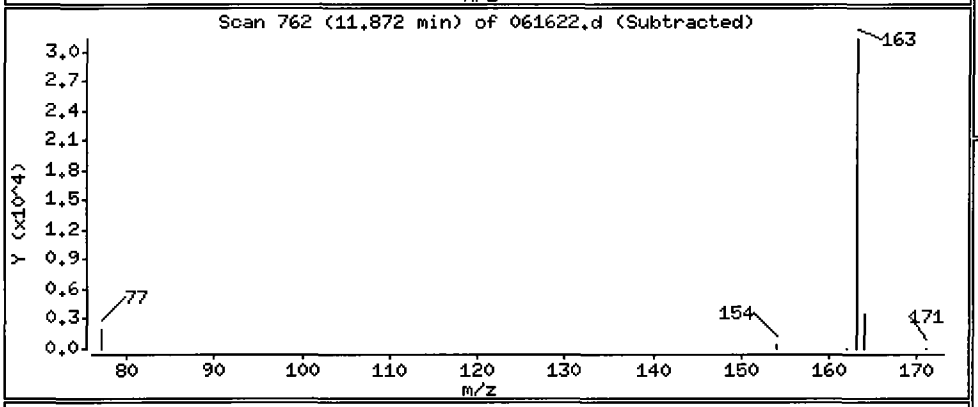
Column diameter: 0.32

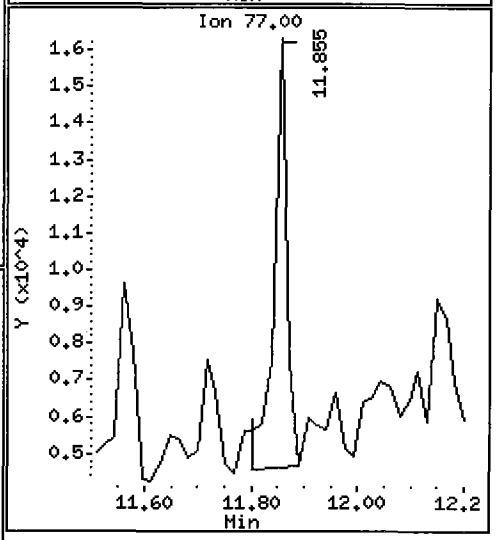
39 Dimethylphthalate

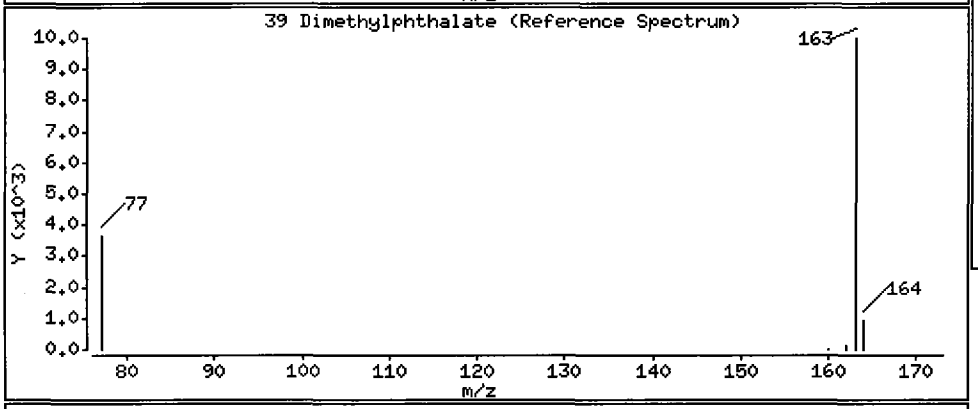
Concentration: 20.03 ug/kg

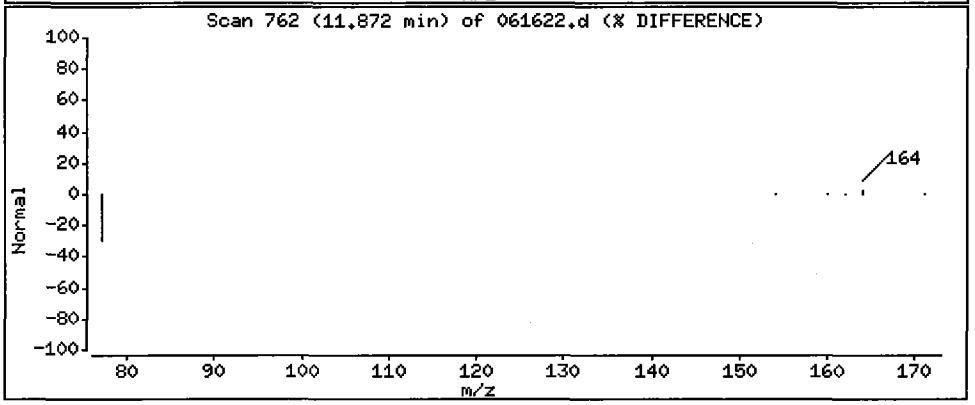












Data File: /chem3/nt2.i/20090616.b/061622.d

Date : 16-JUN-2009 23:27

Client ID: 3SED9-C

Instrument: nt2.i

Sample Info: PB440

Volume Injected (uL): 2.0

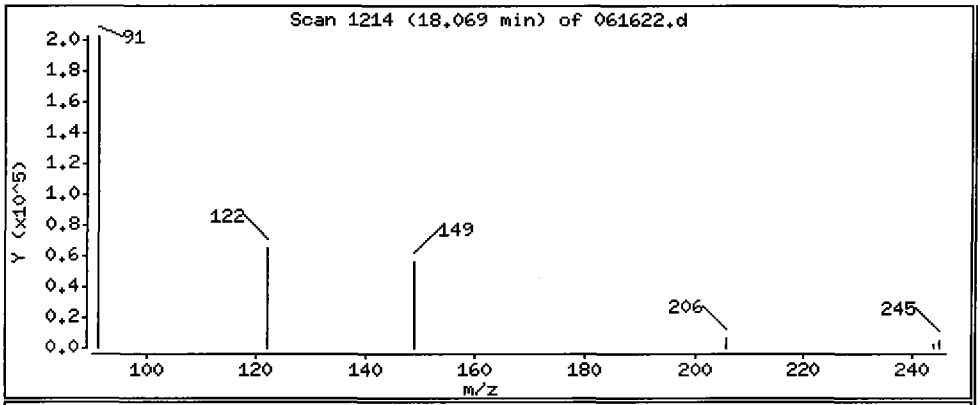
Operator: VTS

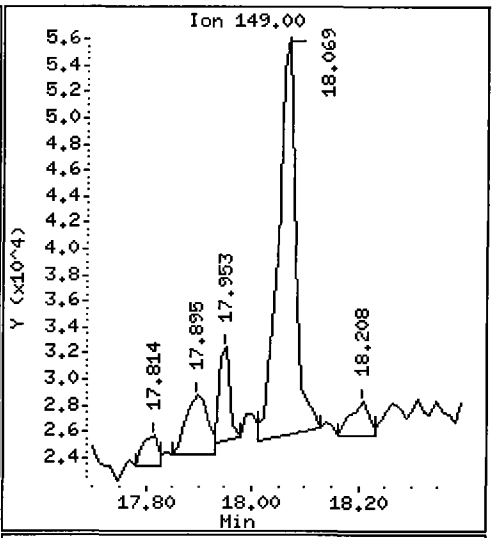
Column phase: ZB-5

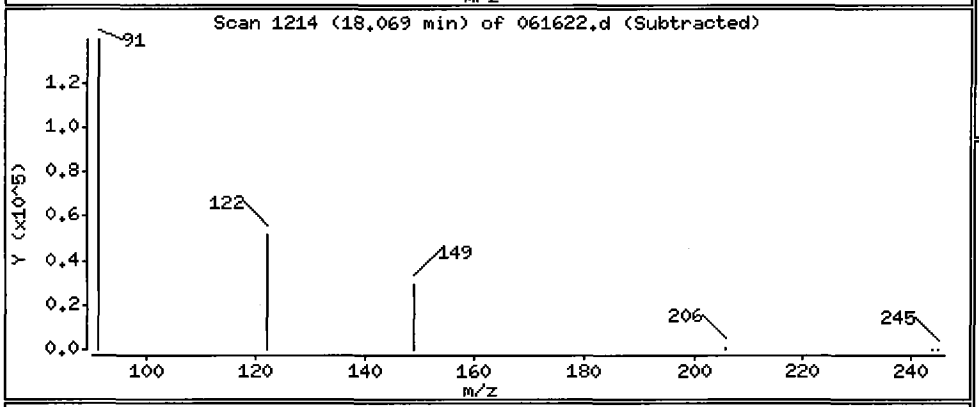
Column diameter: 0.32

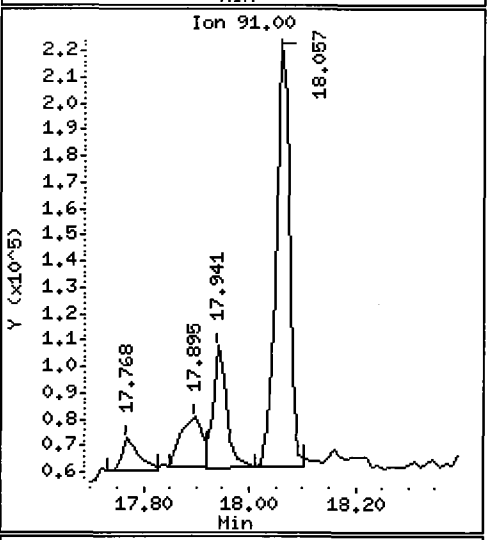
67 Butylbenzylphthalate

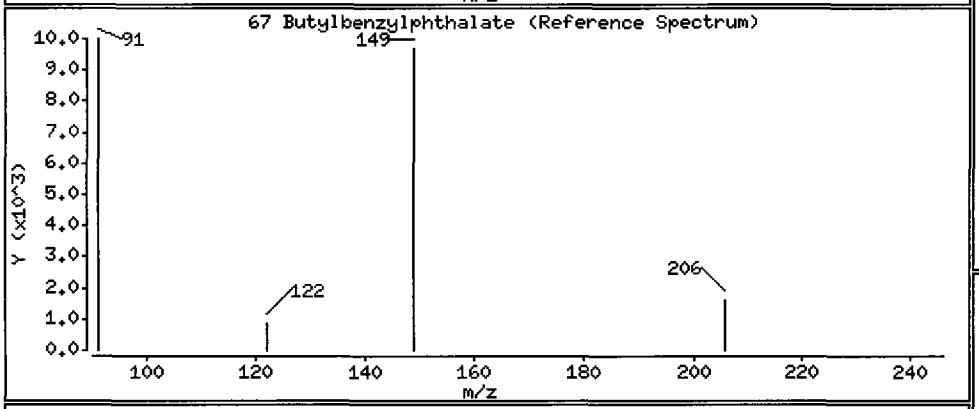
Concentration: 92.37 ug/kg

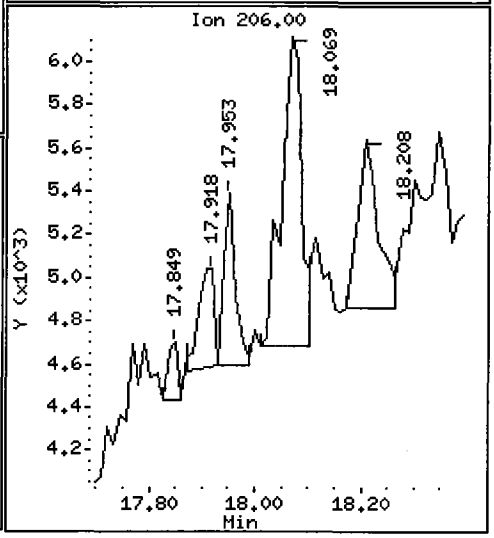


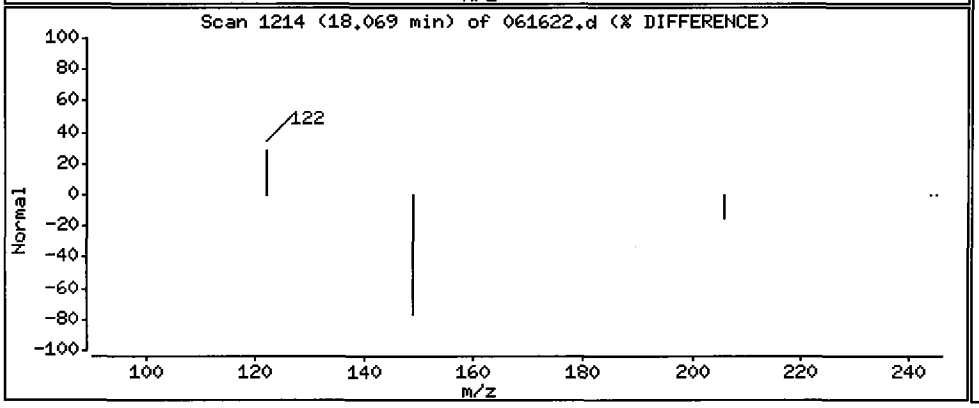












Data File: /chem3/nt2.i/20090616.b/061622.d

Date : 16-JUN-2009 23:27

Client ID: 3SED9-C

Instrument: nt2.i

Sample Info: PB440

Volume Injected (uL): 2.0

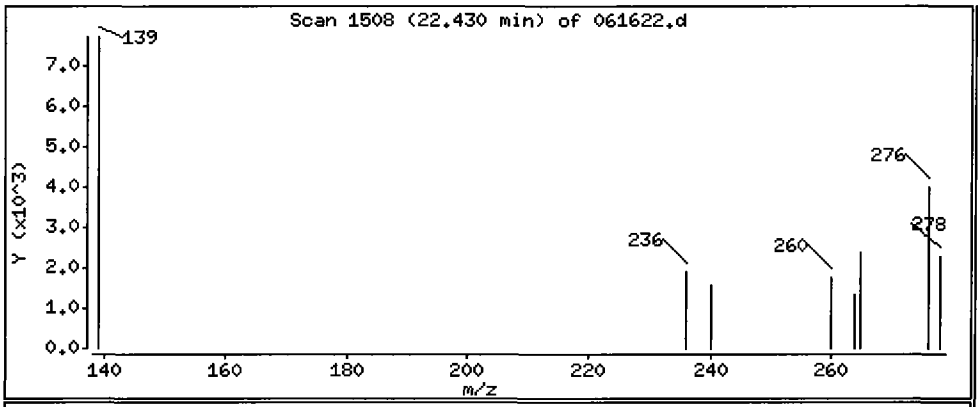
Operator: VTS

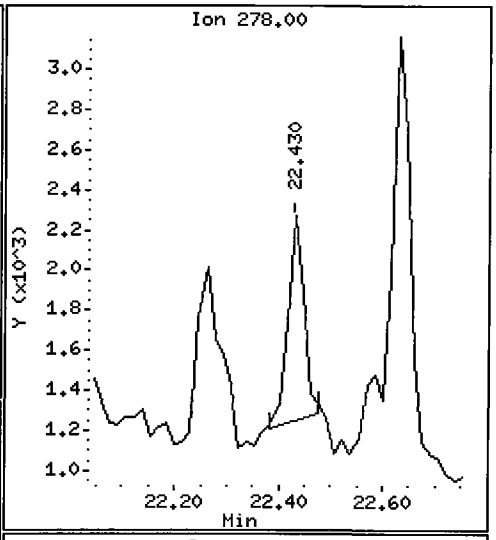
Column phase: ZB-5

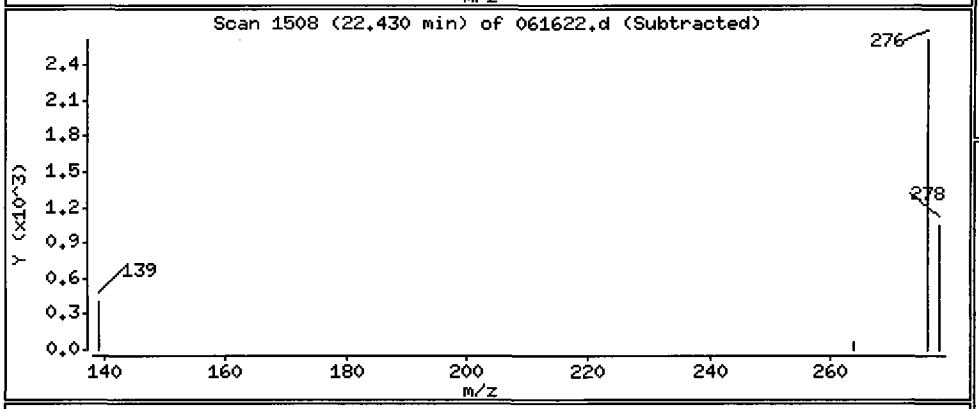
Column diameter: 0.32

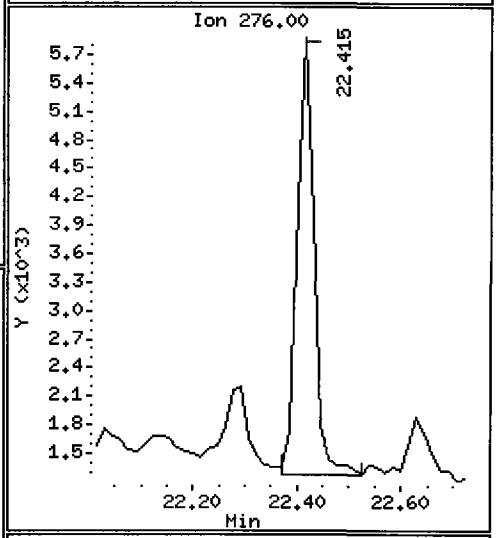
79 Dibenzo(a,h)anthracene

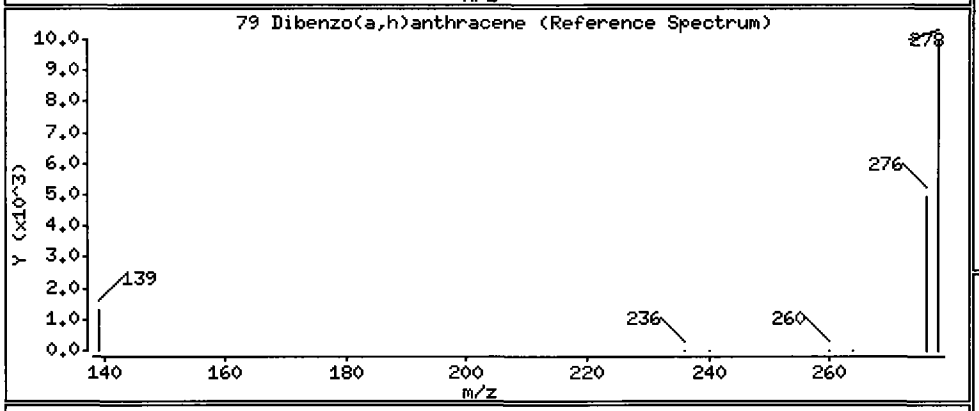
Concentration: 6.344 ug/kg

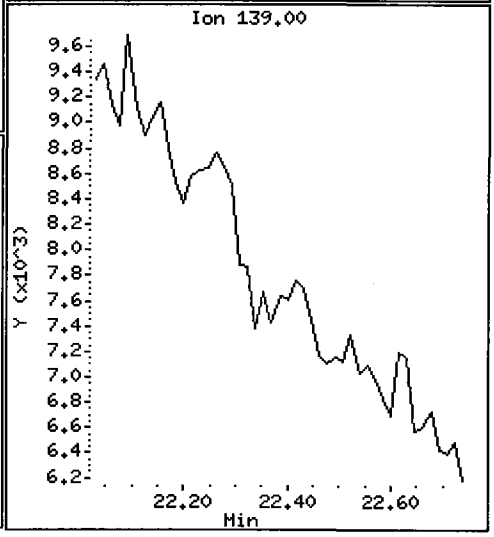


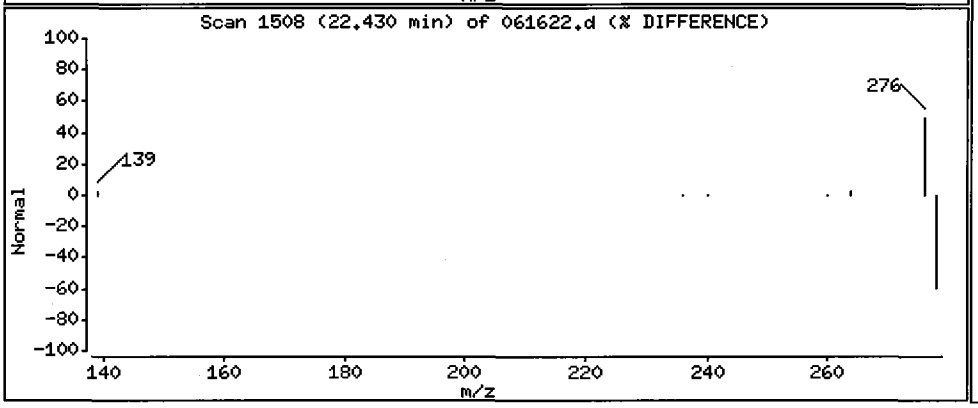












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED9-C**
Page 1 of 1 **DILUTION**

Lab Sample ID: PB44O
LIMS ID: 09-12801
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 23:32
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 36.8%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	18	< 18 U
106-46-7	1,4-Dichlorobenzene	18	< 18 U
120-82-1	1,2,4-Trichlorobenzene	18	< 18 U
118-74-1	Hexachlorobenzene	18	< 18 U
87-68-3	Hexachlorobutadiene	18	< 18 U
131-11-3	Dimethylphthalate	46	< 46 U
85-68-7	**Butylbenzylphthalate**	**46**	**69**
95-48-7	2-Methylphenol	18	< 18 U
105-67-9	2,4-Dimethylphenol	18	< 18 U
86-30-6	N-Nitrosodiphenylamine	18	< 18 U
100-51-6	Benzyl Alcohol	91	< 91 U
87-86-5	Pentachlorophenol	91	< 91 U
95-50-1	1,2-Dichlorobenzene	18	< 18 U
541-73-1	1,3-Dichlorobenzene	18	< 18 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	81.6%	d5-Phenol	70.4%
2-Fluorophenol	68.8%	d4-2-Chlorophenol	76.8%
d4-1,2-Dichlorobenzene	63.6%	d5-Nitrobenzene	78.0%
2,4,6-Tribromophenol	92.0%	d14-p-Terphenyl	130%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061719.d
Lab Smp Id: PB44O Client Smp ID: 3SED9-C
Inj Date : 17-JUN-2009 23:32
Operator : VTS Inst ID: nt2.i
Smp Info : PB44O,3
Misc Info : 09-12801
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 14:45 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 19
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	26.10000	Weight of sample extracted (g)
M	36.80000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.461	5.445	(0.750)	69147	0.85939	156.3
$	2 Phenol-d5	99	6.923	6.888	(0.950)	93562	0.87818	159.7
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.004	6.992	(0.962)	68476	0.95639	173.9
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.284	7.284	(1.000)	134674	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	27210	0.53181	96.72
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.165	8.165	(0.882)	67555	0.65059	118.3
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	9.263	9.263	(1.000)	382514	2.00000	
30	Hexachlorobutadiene	225	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	11.045	11.046	(0.914)	95664	0.67591	122.9
39	Dimethylphthalate	163	11.771	11.773	(0.974)	15436	0.10402	18.92
* 42	Acenaphthene-d10	162	12.083	12.084	(1.000)	198392	2.00000	
50	Diethylphthalate	149	12.917	12.928	(1.069)	14007	0.09261	16.84
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	13.380	13.380	(0.926)	19866	1.15360	209.8
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	14.291	14.291	(0.989)	2158	0.08807	16.02(M)
* 59	Phenanthrene-d10	188	14.445	14.445	(1.000)	364301	2.00000	
$ 66	Terphenyl-d14	244	17.089	17.090	(0.912)	65359	1.08499	197.3
67	Butylbenzylphthalate	149	17.968	17.970	(0.959)	28320	0.37596	68.38(M)
* 69	Chrysene-d12	240	18.729	18.730	(1.000)	193652	2.00000	
* 77	Perylene-d12	264	20.899	20.869	(1.000)	74406	2.00000	
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061719.d
Lab Smp Id: PB44O
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12801

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: 3SED9-C
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	134674	12.43
27 Naphthalene-d8	372217	186108	744434	382514	2.77
42 Acenaphthene-d10	182713	91356	365426	198392	8.58
59 Phenanthrene-d10	286879	143440	573758	364301	26.99
69 Chrysene-d12	251912	125956	503824	193652	-23.13
77 Perylene-d12	231524	115762	463048	74406	-67.86 <-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.00
27 Naphthalene-d8	9.26	8.76	9.76	9.26	0.00
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	-0.01
59 Phenanthrene-d10	14.45	13.95	14.95	14.45	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.73	-0.01
77 Perylene-d12	20.87	20.37	21.37	20.90	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44O
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12801

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED9-C
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

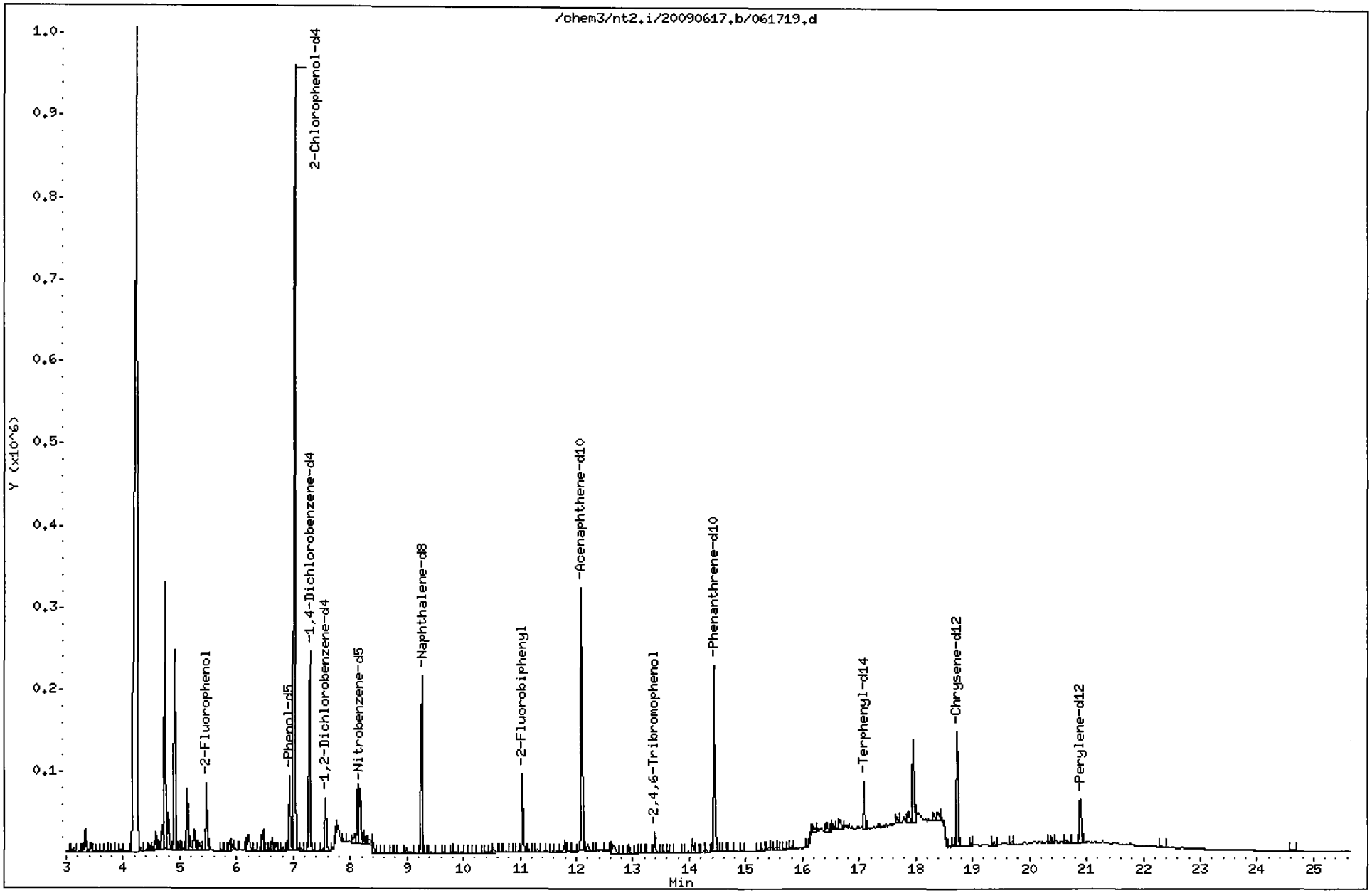
SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	227.3	156.3	68.75	30-160
$ 2 Phenol-d5	227.3	159.7	70.25	30-160
$ 5 2-Chlorophenol-d4	227.3	173.9	76.51	30-160
$ 10 1,2-Dichlorobenzen	151.6	96.72	63.82	30-160
$ 18 Nitrobenzene-d5	151.6	118.3	78.07	30-160
$ 36 2-Fluorobiphenyl	151.6	122.9	81.11	30-160
$ 55 2,4,6-Tribromophen	227.3	209.8	92.29	30-160
$ 66 Terphenyl-d14	151.6	197.3	130.20	30-160

Data File: /chem3/nt2.i/20090617.b/061719.d
Date : 17-JUN-2009 23:32
Client ID: 3SED9-C
Sample Info: PB440,3
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB440-006766



Data File: /chem3/nt2.i/20090617.b/061719.d

Date : 17-JUN-2009 23:32

Client ID: 3SED9-C

Instrument: nt2.i

Sample Info: PB440,3

Volume Injected (uL): 2.0

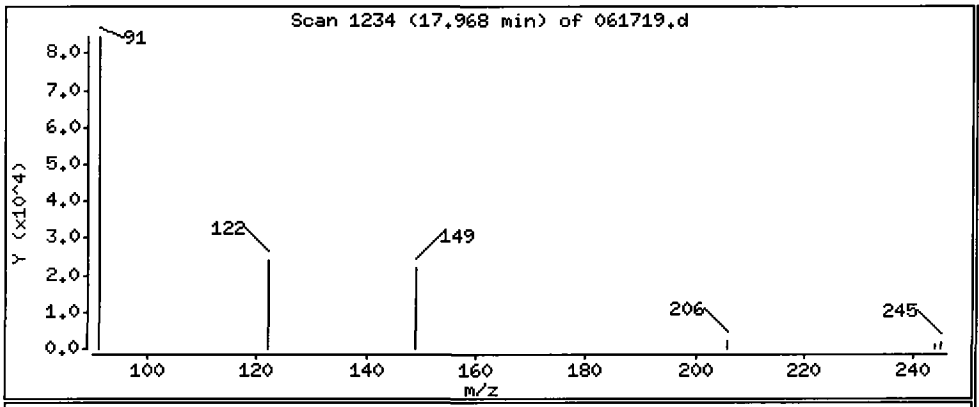
Operator: VTS

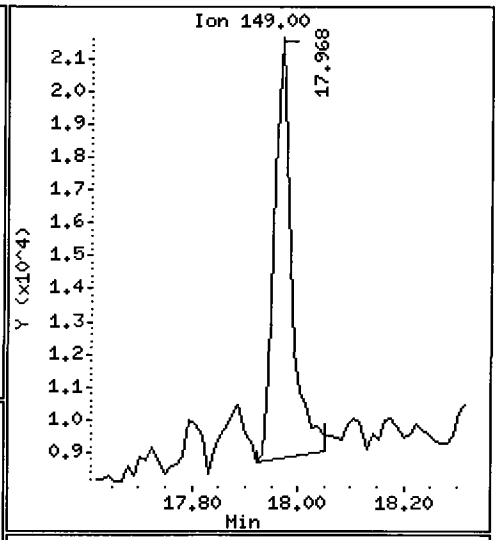
Column phase: ZB-5

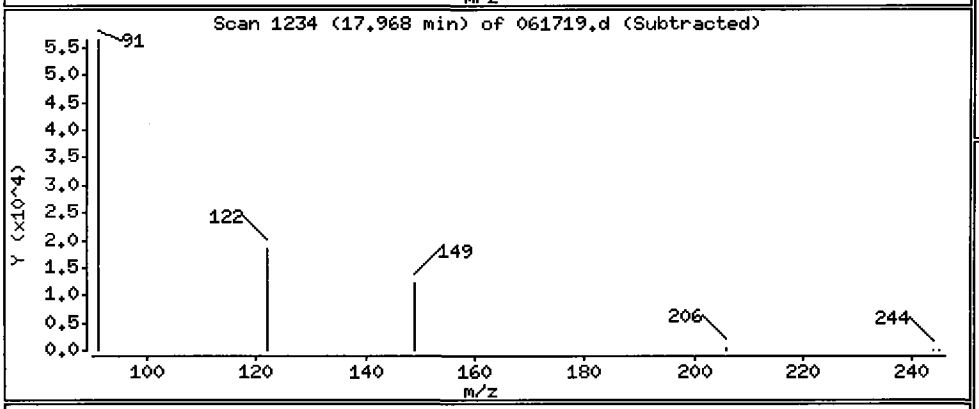
Column diameter: 0.32

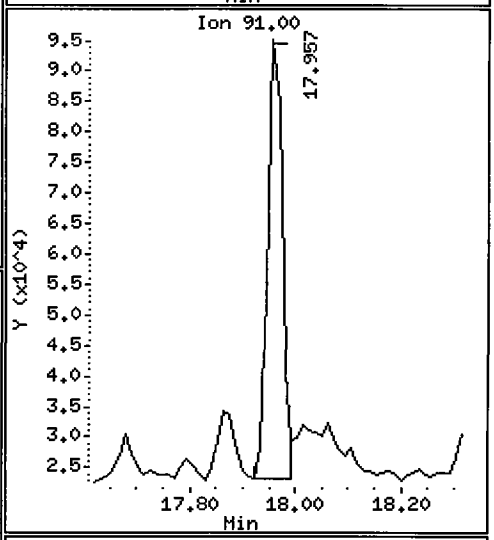
67 Butylbenzylphthalate

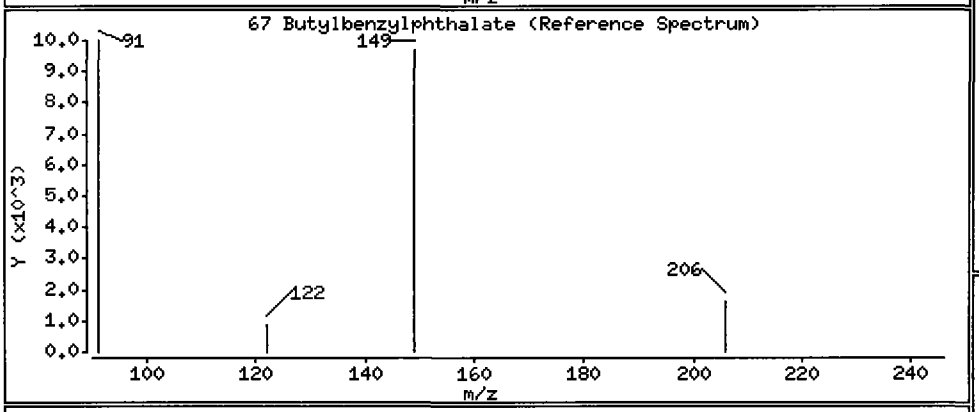
Concentration: 68.38 ug/kg

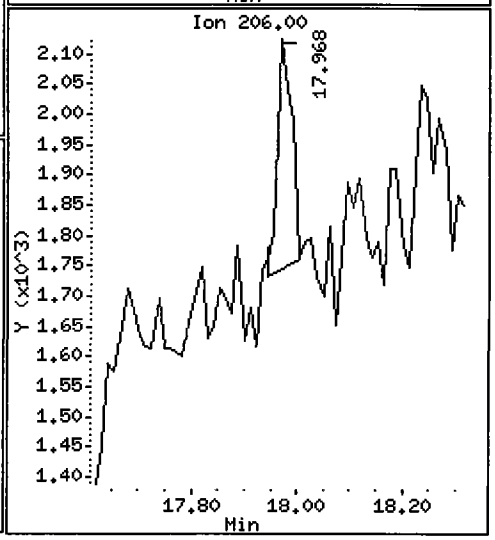


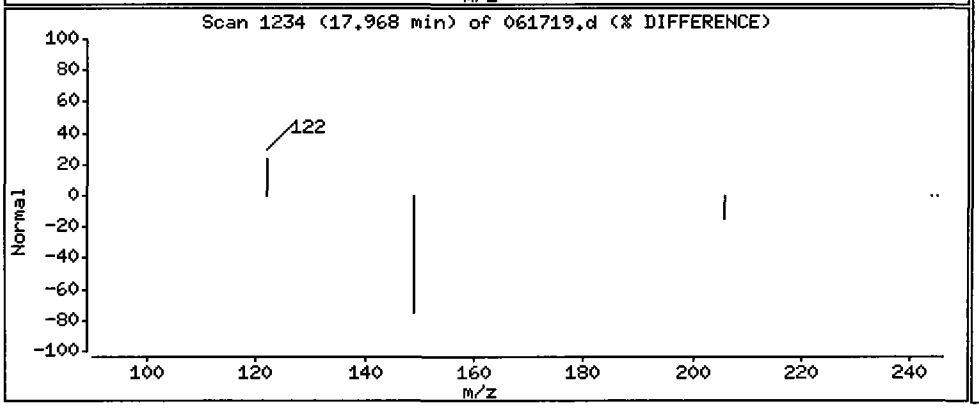












SIM Semivolatile Analysis
Standard Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

SEMIVOLATILE 8270-D INITIAL CALIBRATION DATA

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Instrument ID: NT2 Calibration Date: 05/11/09

LAB FILE ID: RRF0.1=IC051103 RRF0.5=IC051105 RRF1 =IC051106
RRF2.5=IC051101 RRF5 =IC051104 RRF10 =IC051102

COMPOUND	RRF 0.1	RRF 0.5	RRF 1	RRF 2.5	RRF 5	RRF 10	___ RRF	%RSD /R^2
Phenol	2.353	2.037	2.060	2.128	2.145	1.938	2.110	6.6
1,3-Dichlorobenzene	1.635	1.396	1.436	1.439	1.372	1.200	1.413	9.9
1,4-Dichlorobenzene	1.700	1.430	1.435	1.442	1.460	1.325	1.465	8.5
1,2-Dichlorobenzene	1.542	1.305	1.314	1.293	1.288	1.175	1.320	9.1
Benzyl alcohol	1.549	1.275	1.325	1.467	1.240	1.241	1.350	9.6
2-Methylphenol	1.371	1.247	1.276	1.319	1.278	1.166	1.276	5.4
N-Nitroso-di-n-propylamine	1.410	1.185	1.203	1.226	1.197	1.102	1.220	8.3
4-Methylphenol	1.337	1.246	1.290	1.344	1.392	1.219	1.305	5.0
2,4-Dimethylphenol	0.506	0.510	0.526	0.508	0.480	0.419	0.492	7.8
1,2,4-Trichlorobenzene	0.361	0.299	0.313	0.277	0.315	0.301	0.311	9.1
Hexachlorobutadiene	0.192	0.160	0.162	0.150	0.160	0.148	0.162	9.8
Dimethylphthalate	1.600	1.423	1.536	1.485	1.486	1.445	1.496	4.3
Diethylphthalate	1.651	1.442	1.505	1.520	1.569	1.461	1.525	5.0
N-Nitrosodiphenylamine (1)	0.623	0.564	0.601	0.626	0.626	0.562	0.600	5.0
Hexachlorobenzene	0.246	0.210	0.216	0.223	0.220	0.199	0.219	7.3
Pentachlorophenol	0.130	0.117	0.130	0.136	0.153	0.141	0.134	9.0
Butylbenzylphthalate	0.801	0.722	0.772	0.795	0.817	0.761	0.778	4.4
Dibenzo(a,h)anthracene	0.854	0.920	0.971	0.907	1.004	0.918	0.929	5.6
N-Nitrosodimethylamine		0.922	0.938	0.995	0.978	0.887	0.944	4.6
2-Fluorophenol		1.166	1.210	1.235	1.239	1.124	1.195	4.1
Phenol-d5		1.545	1.564	1.654	1.649	1.499	1.582	4.3
2-Chlorophenol-d4		1.043	1.065	1.094	1.108	1.006	1.063	3.9
1,2-Dichlorobenzene-d4		0.765	0.763	0.761	0.786	0.725	0.760	2.9
Nitrobenzene-d5		0.547	0.567	0.529	0.551	0.519	0.543	3.5
2-Fluorobiphenyl		1.367	1.428	1.439	1.460	1.440	1.427	2.5
2,4,6-Tribromophenol		0.086	0.095	0.098	0.100	0.094	0.095	5.6
Terphenyl-d14		0.592	0.624	0.632	0.657	0.605	0.622	4.0

(1) Cannot be seperated from Diphenylamine

<- Outside QC limits: %RSD <20% or R^2 > 0.990

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

Calibration File Names:
Level 1: /chem3/nt2.i/20090511.b/ic051103.d
Level 2: /chem3/nt2.i/20090511.b/ic051105.d
Level 3: /chem3/nt2.i/20090511.b/ic051106.d
Level 4: /chem3/nt2.i/20090511.b/ic051101.d
Level 5: /chem3/nt2.i/20090511.b/ic051104.d
Level 6: /chem3/nt2.i/20090511.b/ic051102.d

Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
138 Chlorobenzilate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
139 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
140 Diallate A	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
141 Diallate B	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
142 1,2-Dibromo-3-Chloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
135 2,3,5,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
136 2,3,4,5-tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
137 NewCpnd_131	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
133 Butylatedhydroxytoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
132 3,6-Dimethylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
131 1-Methylphenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
146 Benzo(j)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
130 Dibenzothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
129 1-Methylfluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
128 N-Hexadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
127 2-Isopropylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
126 N-Tetradecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
144 alpha-Terpineol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
125 Safrole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
124 3,4-Dimethylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
123 Acetophenone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
122 Furfuraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
143 1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
121 Quinoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
120 2,3,4,6-Tetrachlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
119 7,12-Dimethylbenz(a)anthracen	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
118 Triphenyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
117 Butyl Diphenyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
116 Dibutyl Phenyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
115 Tributyl Phosphate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
114 Beta-Pinene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
113 Diphenyl Oxide	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
112 Biphenyl	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
111 Azobenzene (1,2-DP-Hydrazine)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
110 Tetrachloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
109 3,4,5-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
108 4,5,6-Trichloroguaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
107 4,5-Dichloro-2-Methoxyphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
106 Guaiacol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
105 1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
3 Phenol	2.35301	2.03667	2.06053	2.12757	2.14478	1.93806	2.11010	6.633
4 Bis(2-Chloroethyl)ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
6 2-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
7 1,3-Dichlorobenzene	1.63523	1.39646	1.43645	1.43894	1.37151	1.20033	1.41315	9.899
9 1,4-Dichlorobenzene	1.70034	1.42967	1.43495	1.44243	1.46013	1.32481	1.46539	8.508
11 Benzyl alcohol	1.54915	1.27504	1.32502	1.46708	1.24036	1.24076	1.34957	9.579
12 1,2-Dichlorobenzene	1.54213	1.30542	1.31407	1.29282	1.28767	1.17543	1.31959	9.111
13 2-Methylphenol	1.37123	1.24700	1.27565	1.31896	1.27800	1.16626	1.27618	5.406
14 2,2'-oxybis(1-Chloropropane)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
15 4-Methylphenol	1.33720	1.24574	1.29031	1.34426	1.39220	1.21896	1.30478	5.004

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

	Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
16	N-Nitroso-di-n-propylamine	1.40958	1.18482	1.20306	1.22582	1.19733	1.10244	1.22051	8.342
17	Hexachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
19	Nitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
20	Isophorone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
21	2-Nitrophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
22	2,4-Dimethylphenol	0.50635	0.51022	0.52552	0.50767	0.48049	0.41874	0.49150	7.830
23	Bis(2-Chloroethoxy)methane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
24	Benzoic acid	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
25	2,4-Dichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
26	1,2,4-Trichlorobenzene	0.36148	0.29879	0.31308	0.27697	0.31541	0.30115	0.31115	9.063
28	Naphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
29	4-Chloroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
30	Hexachlorobutadiene	0.19228	0.15956	0.16164	0.15004	0.16014	0.14828	0.16199	9.790
31	4-Chloro-3-methylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
32	2-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
33	Hexachlorocyclopentadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
34	2,4,6-Trichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
35	2,4,5-Trichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
37	2-Chloronaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
38	2-Nitroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
39	Dimethylphthalate	1.60032	1.42290	1.53634	1.48470	1.48634	1.44517	1.49596	4.297
40	Acenaphthylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
41	2,6-Dinitrotoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
43	3-Nitroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
44	Acenaphthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
45	2,4-Dinitrophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
46	Dibenzofuran	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
47	4-Nitrophenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
48	2,4-Dinitrotoluene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
49 Fluorene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
50 Diethylphthalate	1.65080	1.44187	1.50543	1.52017	1.56866	1.46111	1.52467	5.006
51 4-Chlorophenyl-phenylether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
52 4-Nitroaniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
53 4,6-Dinitro-2-methylphenol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
54 N-Nitrosodiphenylamine	0.62299	0.56426	0.60117	0.62620	0.62573	0.56229	0.60044	5.038
56 4-Bromophenyl-phenylether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
57 Hexachlorobenzene	0.24604	0.20958	0.21560	0.22295	0.21951	0.19869	0.21873	7.255
58 Pentachlorophenol	0.13018	0.11686	0.12984	0.13631	0.15302	0.14091	0.13452	9.038
60 Phenanthrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
61 Anthracene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
62 Carbazole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
63 Di-n-butylphthalate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
64 Fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
65 Pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
67 Butylbenzylphthalate	0.80126	0.72179	0.77155	0.79544	0.81697	0.76078	0.77797	4.401
68 Benzo(a)anthracene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
70 3,3'-Dichlorobenzidine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
71 Chrysene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
72 bis(2-Ethylhexyl)phthalate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
73 Di-n-octylphthalate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
74 Benzo(b)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
75 Benzo(k)fluoranthene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
76 Benzo(a)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
78 Indeno(1,2,3-cd)pyrene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
79 Dibenzo(a,h)anthracene	0.85393	0.91963	0.97068	0.90737	1.00387	0.91826	0.92895	5.624
80 Benzo(g,h,i)perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
90 N-Nitrosodimethylamine	+++++	0.92218	0.93790	0.99482	0.97791	0.88725	0.94401	4.577
91 Aniline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAY-2009 12:17
End Cal Date : 11-MAY-2009 15:06
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP RTE
Method file : /chem3/nt2.i/20090511.b/SIMABN.m
Cal Date : 12-May-2009 15:30 peter
Curve Type : Average

	Compound	0.10000 Level 1	0.50000 Level 2	1.000 Level 3	2.500 Level 4	5.000 Level 5	10.000 Level 6	___ RRF	% RSD
	92 1,2-Diphenylhydrazine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	93 Benzidine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	96 p-Cymene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	97 Caffeine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	98 Retene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	99 Perylene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	100 3-beta-Coprostanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	101 Cholesterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	102 beta-Sitosterol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
	103 Pyridine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	1 2-Fluorophenol	+++++	1.16624	1.21032	1.23485	1.23939	1.12366	1.19489	4.123
$	145 d8-1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	2 Phenol-d5	+++++	1.54477	1.56457	1.65376	1.64882	1.49908	1.58220	4.261
$	5 2-Chlorophenol-d4	+++++	1.04320	1.06495	1.09409	1.10852	1.00564	1.06328	3.856
$	10 1,2-Dichlorobenzene-d4	+++++	0.76472	0.76331	0.76086	0.78564	0.72467	0.75984	2.898
$	18 Nitrobenzene-d5	+++++	0.54750	0.56702	0.52950	0.55120	0.51935	0.54291	3.453
$	36 2-Fluorobiphenyl	+++++	1.36728	1.42789	1.43887	1.45990	1.44013	1.42681	2.469
$	55 2,4,6-Tribromophenol	+++++	0.08607	0.09523	0.09767	0.10011	0.09364	0.09454	5.643
$	66 Terphenyl-d14	+++++	0.59221	0.62424	0.63231	0.65665	0.60530	0.62214	4.001
$	85 p-Cresol-d4	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	86 Anthracene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	87 Fluoranthene-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	88 Dibenz(a,h)anthracene-d14	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	89 Diphenyl-d10	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++
$	95 D10-1-methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051101.d
Lab Smp Id: ABN 2.5
Inj Date : 11-MAY-2009 12:17
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 2.5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.027	6.036	(0.764)	184895	2.50000	2.584
$	2 Phenol-d5	99	7.427	7.612	(0.942)	247619	2.50000	2.613
	3 Phenol	94	7.438	7.439	(0.943)	318564	2.50000	2.521
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	163819	2.50000	2.572
	7 1,3-Dichlorobenzene	146	7.815	7.816	(0.991)	215454	2.50000	2.546
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	119785	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	215977	2.50000	2.461
$	10 1,2-Dichlorobenzene-d4	152	8.161	8.179	(1.035)	113925	2.50000	2.503
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	1098339	12.5000	13.59
	12 1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	193575	2.50000	2.449
	13 2-Methylphenol	108	8.346	8.346	(1.059)	197489	2.50000	2.584
	15 4-Methylphenol	108	8.577	8.577	(1.088)	201277	2.50000	2.576
	16 N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	183544	2.50000	2.511
$	18 Nitrobenzene-d5	82	8.762	8.669	(0.887)	246361	2.50000	2.438

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	
	22 2,4-Dimethylphenol	107	9.400	9.398	(0.951)	236204	2.50000	2.582	
	26 1,2,4-Trichlorobenzene	180	9.822	9.840	(0.994)	128867	2.50000	2.225	
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	372217	2.00000		(M)
	30 Hexachlorobutadiene	225	10.226	10.243	(1.035)	69811	2.50000	2.316	
$	36 2-Fluorobiphenyl	172	11.662	11.662	(0.917)	328626	2.50000	2.521	
	39 Dimethylphthalate	163	12.371	12.371	(0.973)	339092	2.50000	2.481	
*	42 Acenaphthene-d10	162	12.717	12.717	(1.000)	182713	2.00000		
	50 Diethylphthalate	149	13.528	13.528	(1.064)	347193	2.50000	2.493	
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.915)	224553	2.50000	2.607	
$	55 2,4,6-Tribromophenol	330	14.015	14.014	(0.929)	35024	2.50000	2.583	
	57 Hexachlorobenzene	284	14.629	14.628	(0.969)	79951	2.50000	2.548	
	58 Pentachlorophenol	266	14.906	14.905	(0.988)	244403	12.5000	12.67	
*	59 Phenanthrene-d10	188	15.091	15.090	(1.000)	286879	2.00000		
$	66 Terphenyl-d14	244	17.735	17.736	(0.914)	199107	2.50000	2.541	
	67 Butylbenzylphthalate	149	18.603	18.603	(0.958)	250477	2.50000	2.556	
*	69 Chrysene-d12	240	19.413	19.414	(1.000)	251912	2.00000		
*	77 Perylene-d12	264	21.583	21.568	(1.000)	231524	2.00000		
	79 Dibenzo(a,h)anthracene	278	23.230	23.230	(1.076)	262596	2.50000	2.442	
	90 N-Nitrosodimethylamine	74	3.882	3.891	(0.492)	148955	2.50000	2.635	

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051101.d
Lab Smp Id: ABN 2.5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

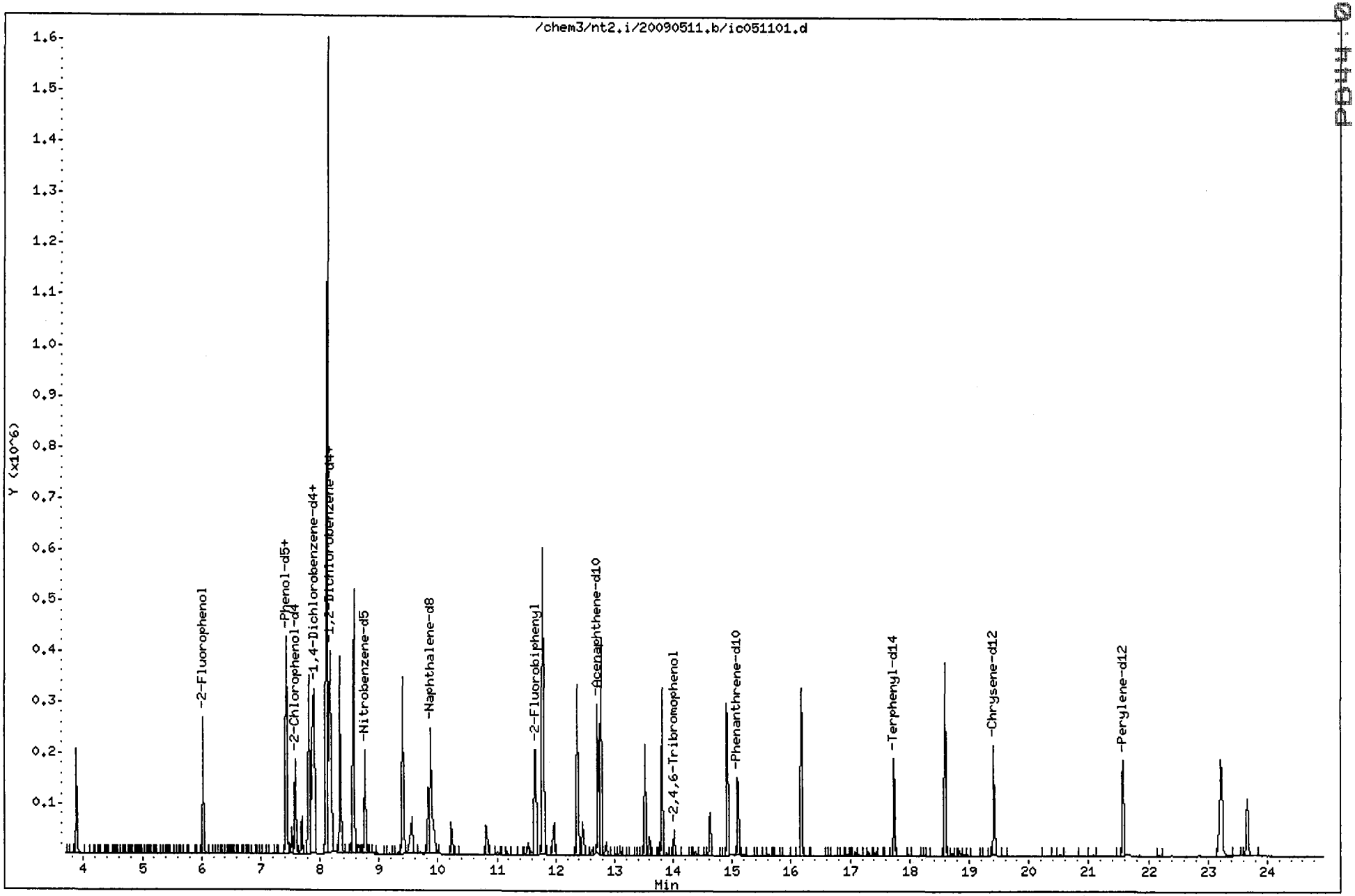
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	119785	0.00
27 Naphthalene-d8	372217	186108	744434	372217	0.00
42 Acenaphthene-d10	182713	91356	365426	182713	0.00
59 Phenanthrene-d10	286879	143440	573758	286879	0.00
69 Chrysene-d12	251912	125956	503824	251912	0.00
77 Perylene-d12	231524	115762	463048	231524	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.02
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.00
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.01
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.58	0.07

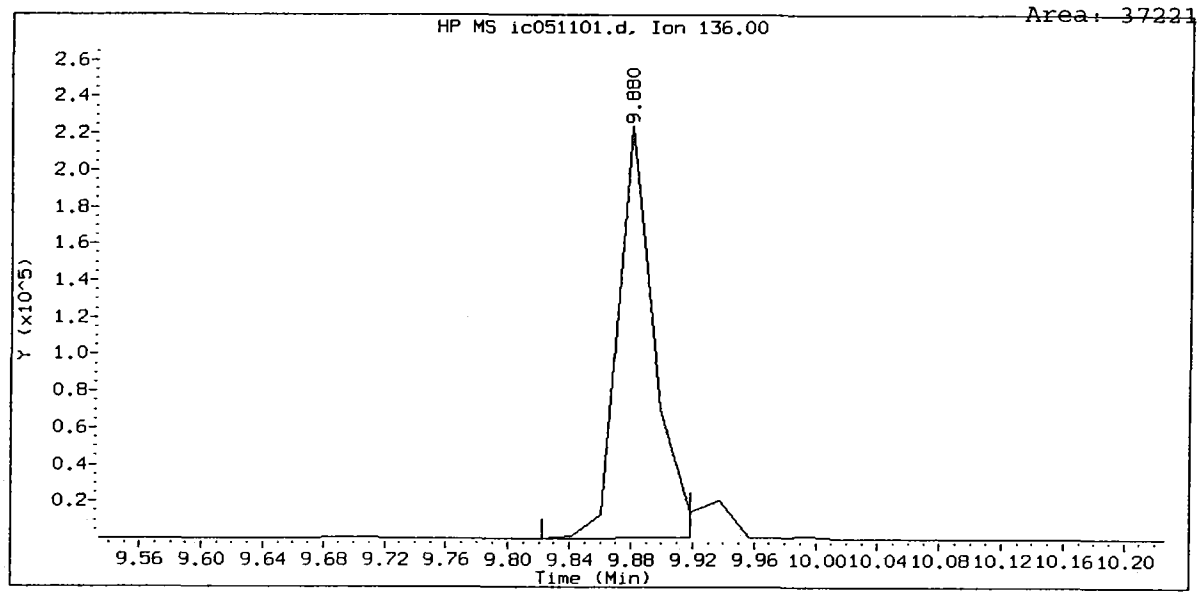
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

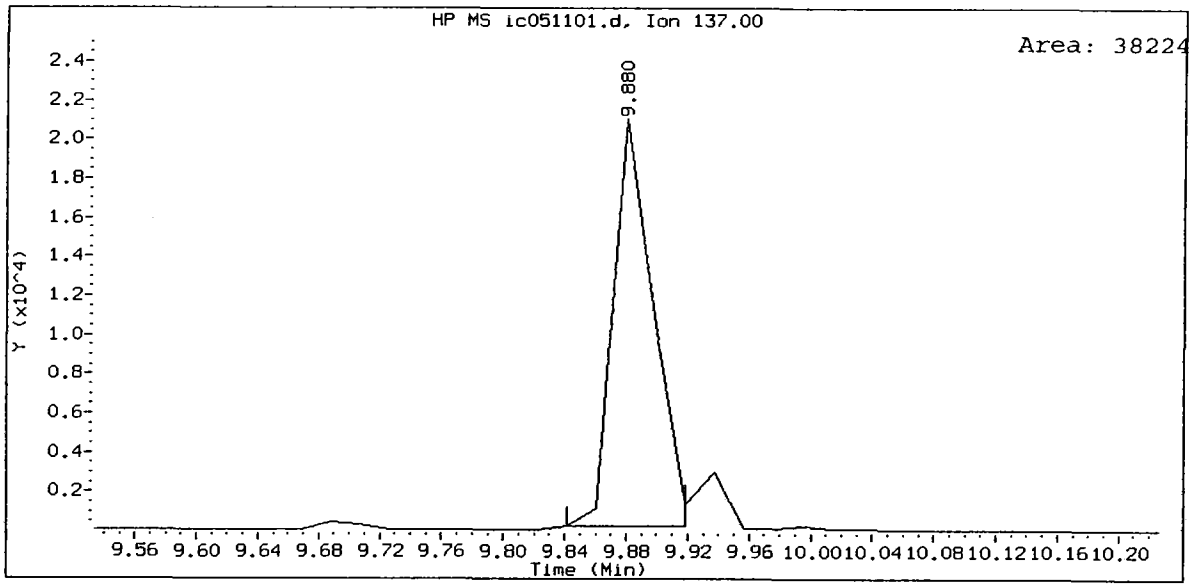
Data File: /chem3/nt2.i/20090511.b/ic051101.d
Date : 11-MAY-2009 12:17
Client ID:
Sample Info: ABN 2.5
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



ABN 2.5, /chem3/nt2.i/20090511.b/ic051101.d
Naphthalene-d8 Amount: 2.00





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051102.d
Lab Smp Id: ABN 10
Inj Date : 11-MAY-2009 12:50
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 10
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.028	6.036	(0.764)	920409	10.0000	9.404
$	2 Phenol-d5	99	7.438	7.612	(0.943)	1227917	10.0000	9.475
	3 Phenol	94	7.449	7.439	(0.945)	1587495	10.0000	9.185
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	823732	10.0000	9.458
	7 1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	983207	10.0000	8.494
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	163823	2.00000	
	9 1,4-Dichlorobenzene	146	7.903	7.902	(1.002)	1085171	10.0000	9.041
$	10 1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	593588	10.0000	9.537
	11 Benzyl alcohol	79	8.145	8.127	(1.033)	5081622	50.0000	45.97
	12 1,2-Dichlorobenzene	146	8.197	8.179	(1.039)	962815	10.0000	8.908
	13 2-Methylphenol	108	8.362	8.346	(1.060)	955300	10.0000	9.139
	15 4-Methylphenol	108	8.577	8.577	(1.088)	998466	10.0000	9.342
	16 N-Nitroso-di-n-propylamine	70	8.593	8.577	(1.090)	903022	10.0000	9.033
$	18 Nitrobenzene-d5	82	8.777	8.669	(0.887)	1235350	10.0000	9.566

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.950)	996033	10.0000	8.520
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.994)	716318	10.0000	9.679
*	27 Naphthalene-d8	136	9.898	9.878	(1.000)	475727	2.00000	
	30 Hexachlorobutadiene	225	10.244	10.243	(1.035)	352709	10.0000	9.154
$	36 2-Fluorobiphenyl	172	11.663	11.662	(0.917)	1675288	10.0000	10.09
	39 Dimethylphthalate	163	12.390	12.371	(0.974)	1681157	10.0000	9.660
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	232658	2.00000	
	50 Diethylphthalate	149	13.540	13.528	(1.065)	1699693	10.0000	9.583
	54 N-Nitrosodiphenylamine	169	13.818	13.805	(0.915)	1104150	10.0000	9.365
$	55 2,4,6-Tribromophenol	330	14.026	14.014	(0.928)	183881	10.0000	9.905
	57 Hexachlorobenzene	284	14.629	14.628	(0.968)	390165	10.0000	9.084
	58 Pentachlorophenol	266	14.921	14.905	(0.988)	1383513	50.0000	52.38
*	59 Phenanthrene-d10	188	15.106	15.090	(1.000)	392733	2.00000	
$	66 Terphenyl-d14	244	17.736	17.736	(0.913)	1048149	10.0000	9.729
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	1317390	10.0000	9.779
*	69 Chrysene-d12	240	19.428	19.414	(1.000)	346324	2.00000	
*	77 Perylene-d12	264	21.582	21.568	(1.000)	314498	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.244	23.230	(1.077)	1443947	10.0000	9.885
	90 N-Nitrosodimethylamine	74	3.899	3.891	(0.494)	726756	10.0000	9.399

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051102.d
Lab Smp Id: ABN 10
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

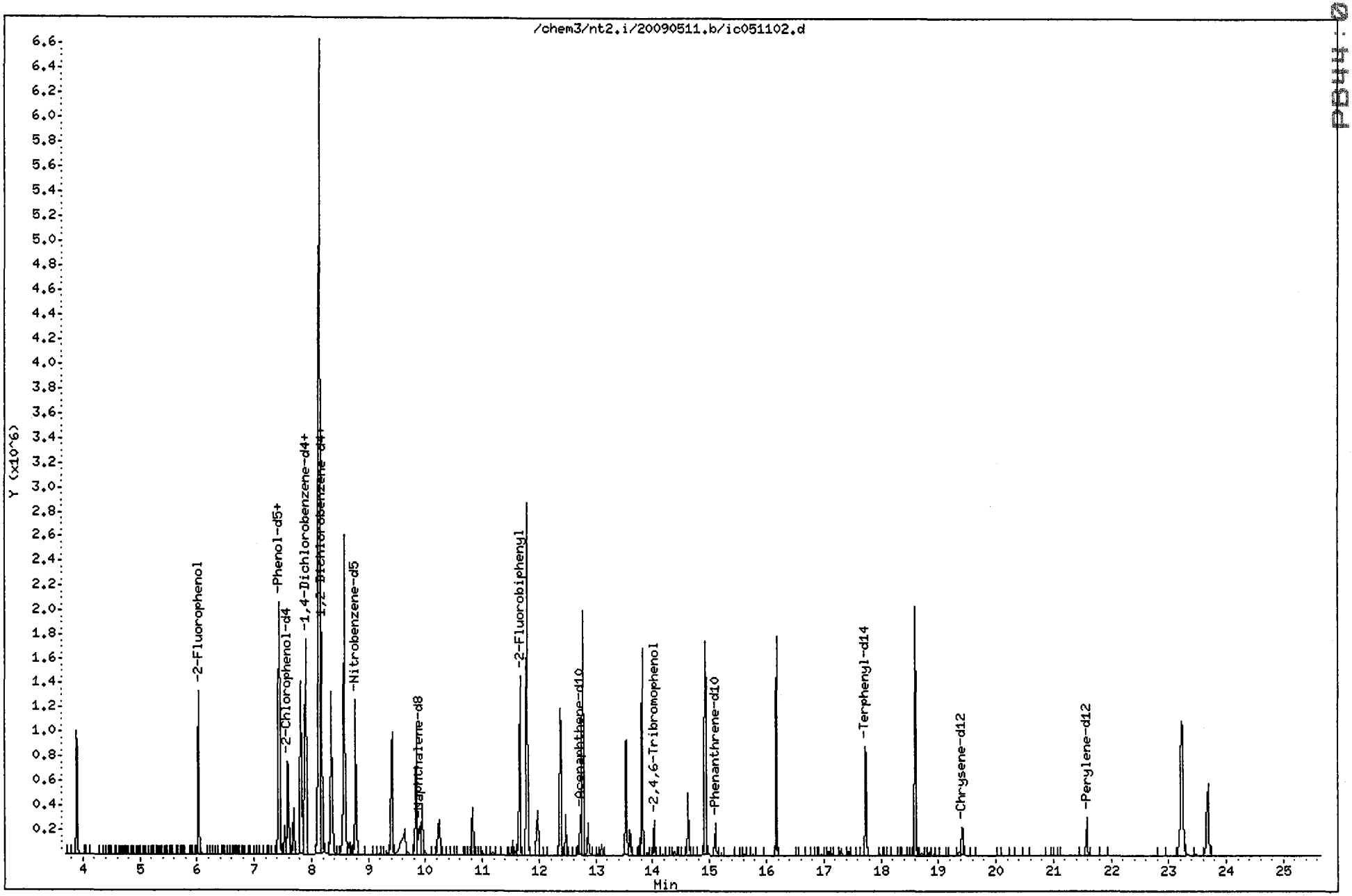
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	163823	36.76
27 Naphthalene-d8	372217	186108	744434	475727	27.81
42 Acenaphthene-d10	182713	91356	365426	232658	27.34
59 Phenanthrene-d10	286879	143440	573758	392733	36.90
69 Chrysene-d12	251912	125956	503824	346324	37.48
77 Perylene-d12	231524	115762	463048	314498	35.84

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.89	0.01
27 Naphthalene-d8	9.88	9.38	10.38	9.90	0.20
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.11	0.11
69 Chrysene-d12	19.41	18.91	19.91	19.43	0.07
77 Perylene-d12	21.57	21.07	22.07	21.58	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090511.b/ic051102.d
Date : 11-MAY-2009 12:50
Client ID:
Sample Info: ABN 10
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051103.d
Lab Smp Id: ABN 0.1
Inj Date : 11-MAY-2009 13:23
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 0.1
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.036	6.036	(0.765)	8595	0.10000	0.1112
$	2 Phenol-d5	99	7.426	7.612	(0.942)	11439	0.10000	0.1118
	3 Phenol	94	7.449	7.439	(0.945)	15214	0.10000	0.1115
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	8008	0.10000	0.1165
	7 1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	10573	0.10000	0.1157
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	129315	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	10994	0.10000	0.1160
$	10 1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	5726	0.10000	0.1165
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	50082	0.50000	0.5739
	12 1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	9971	0.10000	0.1169
	13 2-Methylphenol	108	8.347	8.346	(1.059)	8866	0.10000	0.1074
	15 4-Methylphenol	108	8.578	8.577	(1.088)	8646	0.10000	0.1025
	16 N-Nitroso-di-n-propylamine	70	8.578	8.577	(1.088)	9114	0.10000	0.1155
$	18 Nitrobenzene-d5	82	8.762	8.669	(0.887)	12908	0.10000	0.1300(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.951)	9259	0.10000	0.1030
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.996)	6610	0.10000	0.1162
*	27 Naphthalene-d8	136	9.879	9.878	(1.000)	365716	2.00000	
	30 Hexachlorobutadiene	225	10.244	10.243	(1.037)	3516	0.10000	0.1187
$	36 2-Fluorobiphenyl	172	11.662	11.662	(0.917)	14466	0.10000	0.1153
	39 Dimethylphthalate	163	12.372	12.371	(0.973)	14074	0.10000	0.1070
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	175890	2.00000	
	50 Diethylphthalate	149	13.528	13.528	(1.064)	14518	0.10000	0.1083
	54 N-Nitrosodiphenylamine	169	13.805	13.805	(0.915)	9394	0.10000	0.1038(M)
$	55 2,4,6-Tribromophenol	330	14.025	14.014	(0.929)	1428	0.10000	0.1002(M)
	57 Hexachlorobenzene	284	14.629	14.628	(0.969)	3710	0.10000	0.1125
	58 Pentachlorophenol	266	14.921	14.905	(0.989)	9815	0.50000	0.4839
*	59 Phenanthrene-d10	188	15.090	15.090	(1.000)	301577	2.00000	
$	66 Terphenyl-d14	244	17.736	17.736	(0.914)	9009	0.10000	0.1074
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	10800	0.10000	0.1030
*	69 Chrysene-d12	240	19.414	19.414	(1.000)	269577	2.00000	
*	77 Perylene-d12	264	21.569	21.568	(1.000)	249669	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.231	23.230	(1.077)	10660	0.10000	0.09192
	90 N-Nitrosodimethylamine	74	3.899	3.891	(0.494)	6588	0.10000	0.1079

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051103.d
Lab Smp Id: ABN 0.1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

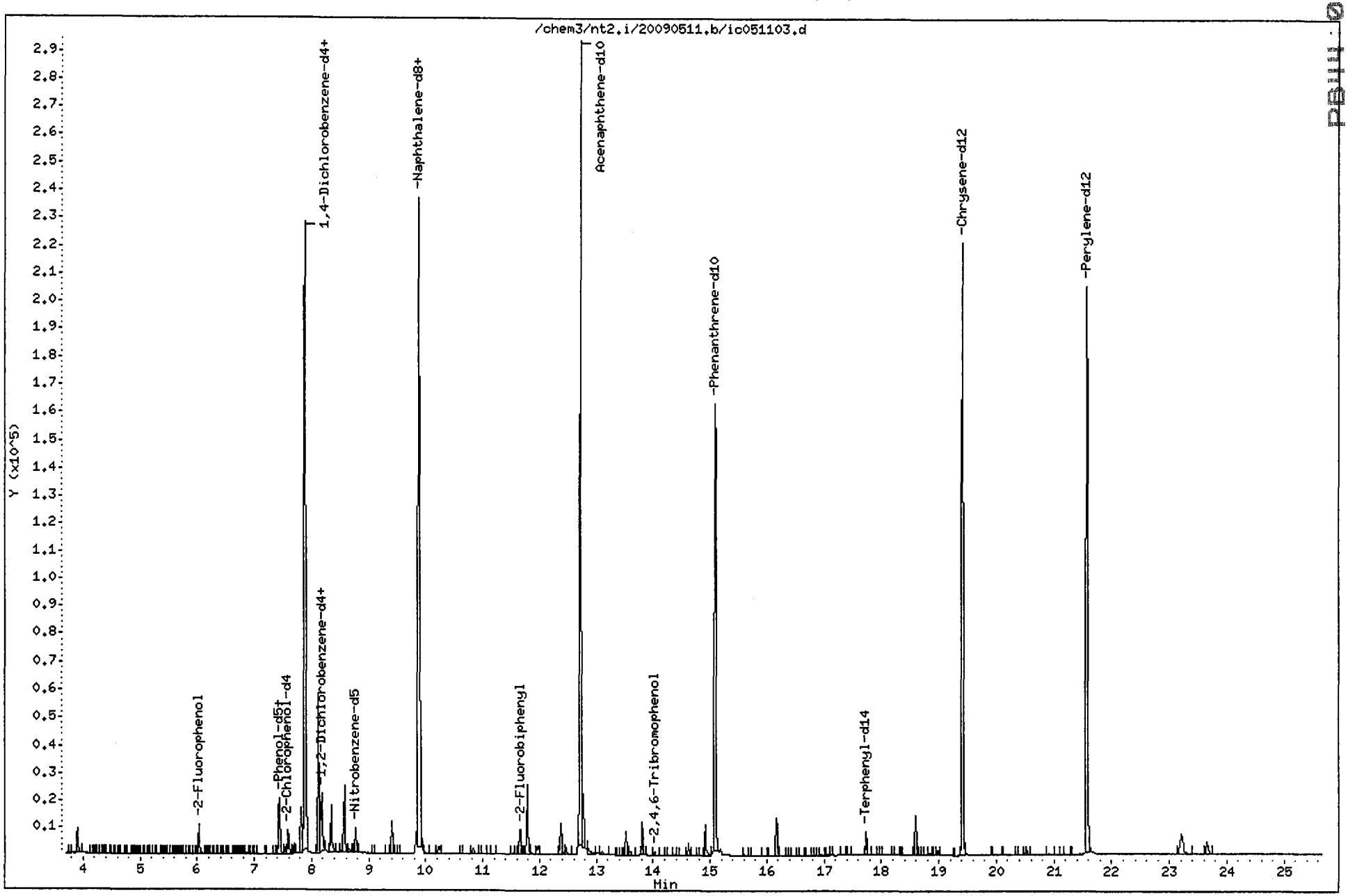
		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	129315	7.96
27 Naphthalene-d8	372217	186108	744434	365716	-1.75
42 Acenaphthene-d10	182713	91356	365426	175890	-3.73
59 Phenanthrene-d10	286879	143440	573758	301577	5.12
69 Chrysene-d12	251912	125956	503824	269577	7.01
77 Perylene-d12	231524	115762	463048	249669	7.84

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.89	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.01
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.00
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.00
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

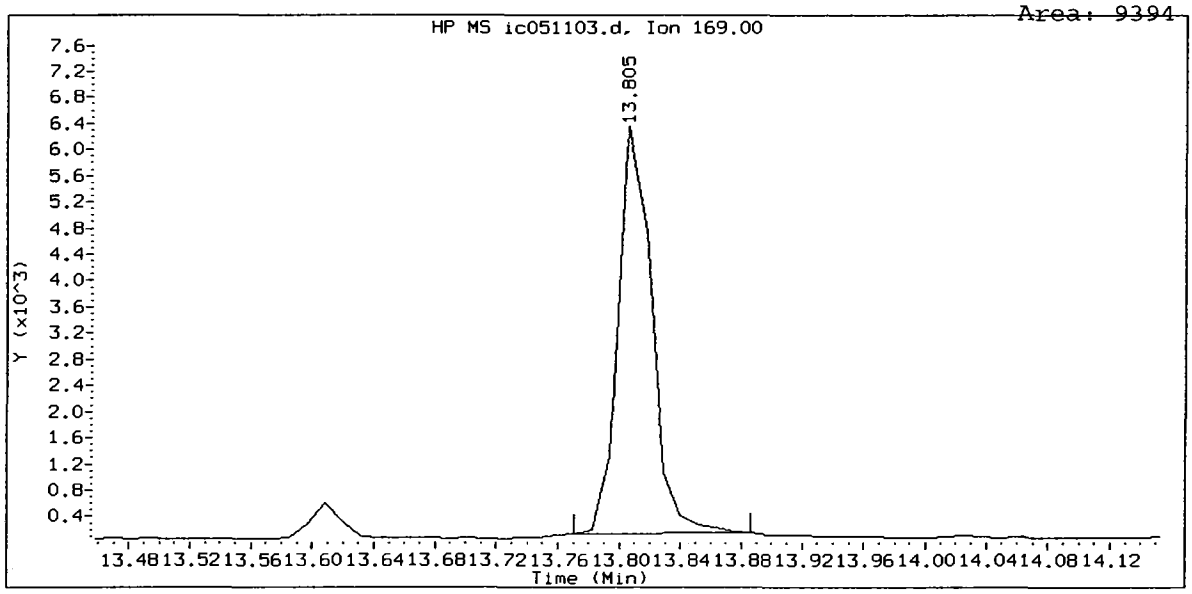
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

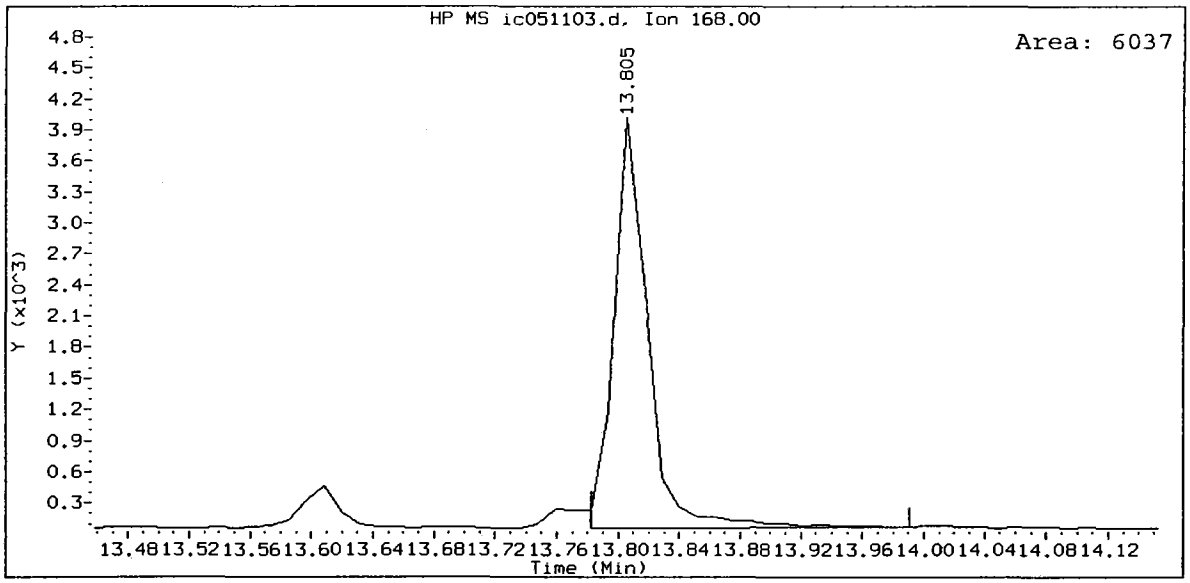
Data File: /chem3/nt2.i/20090511.b/ic051103.d
Date : 11-MAY-2009 13:23
Client ID:
Sample Info: ABN 0.1
Volume Injected (uL): 2.0
Column phase: ZB-5

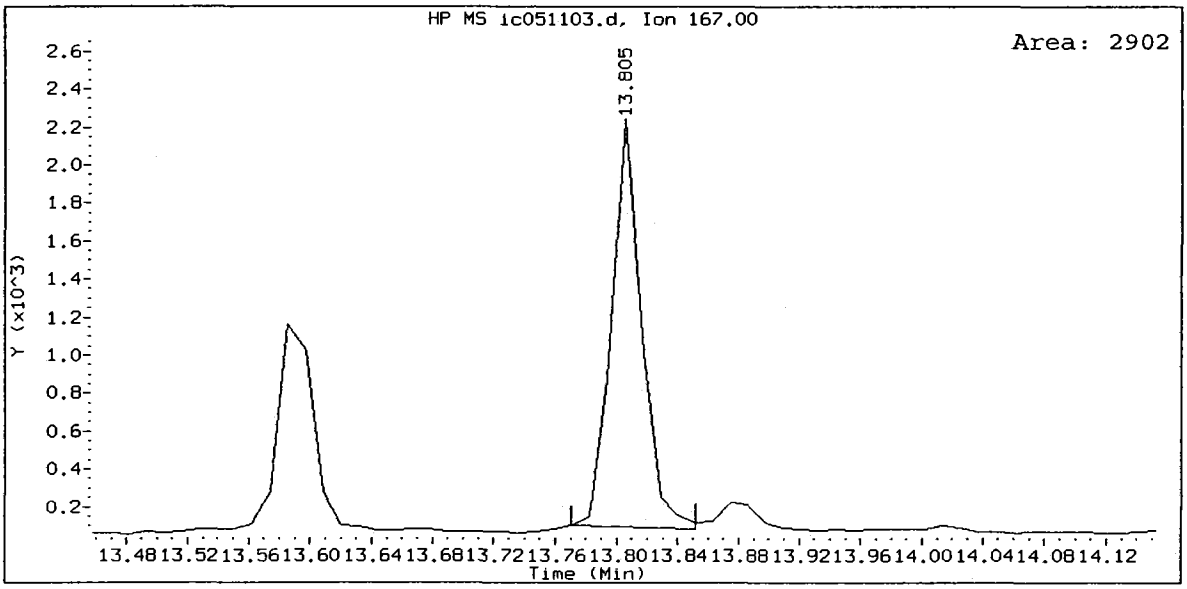
Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



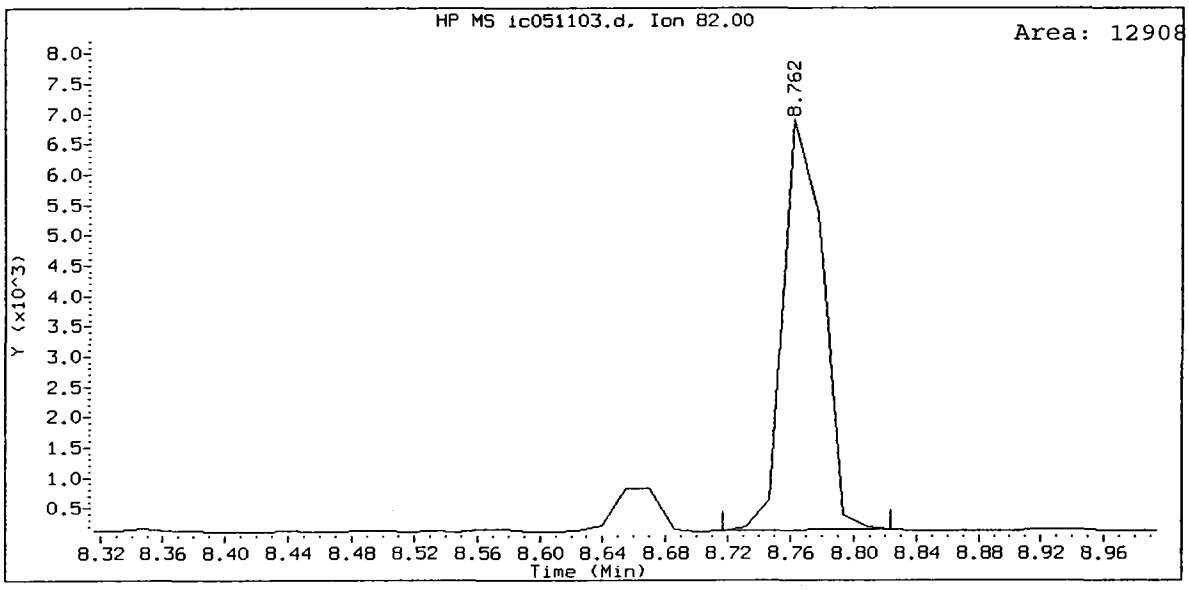
ABN 0.1, /chem3/nt2.i/20090511.b/ic051103.d
N-Nitrosodiphenylamine Amount: 0.10

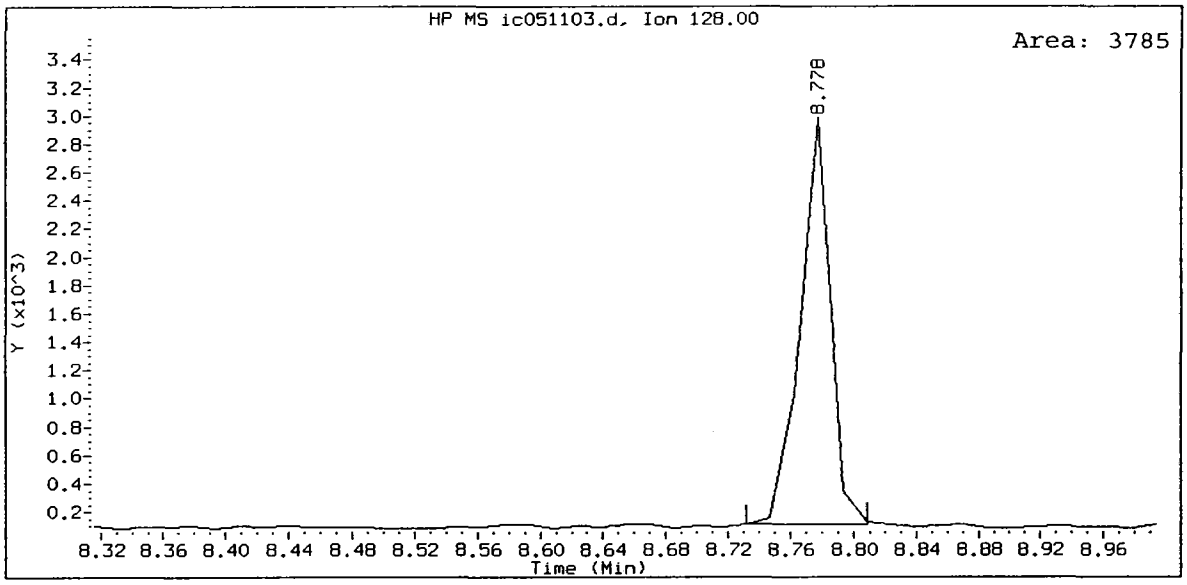




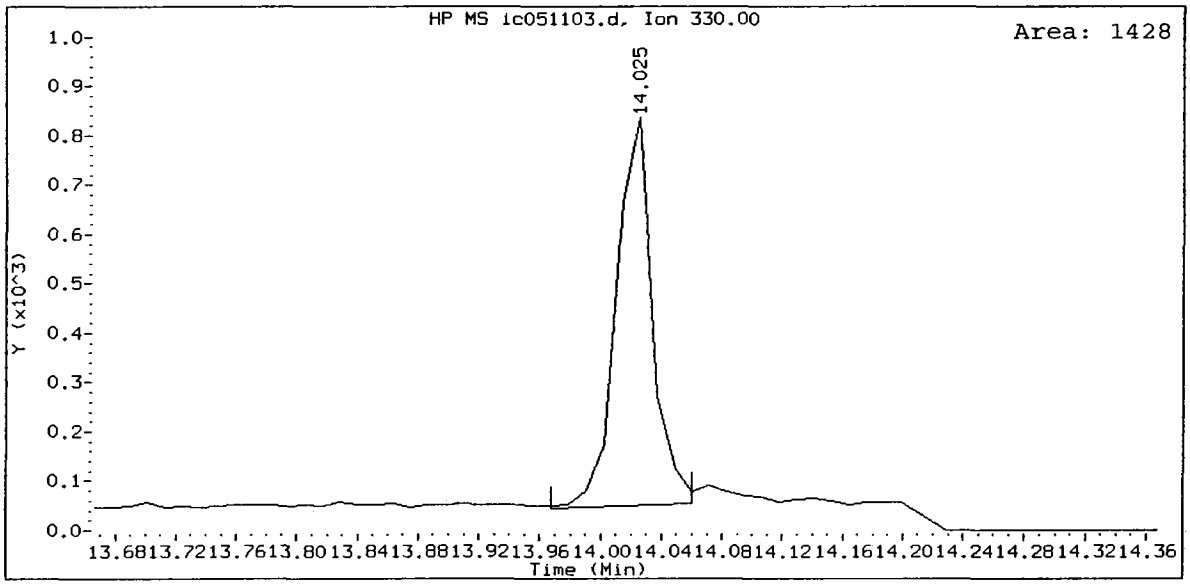


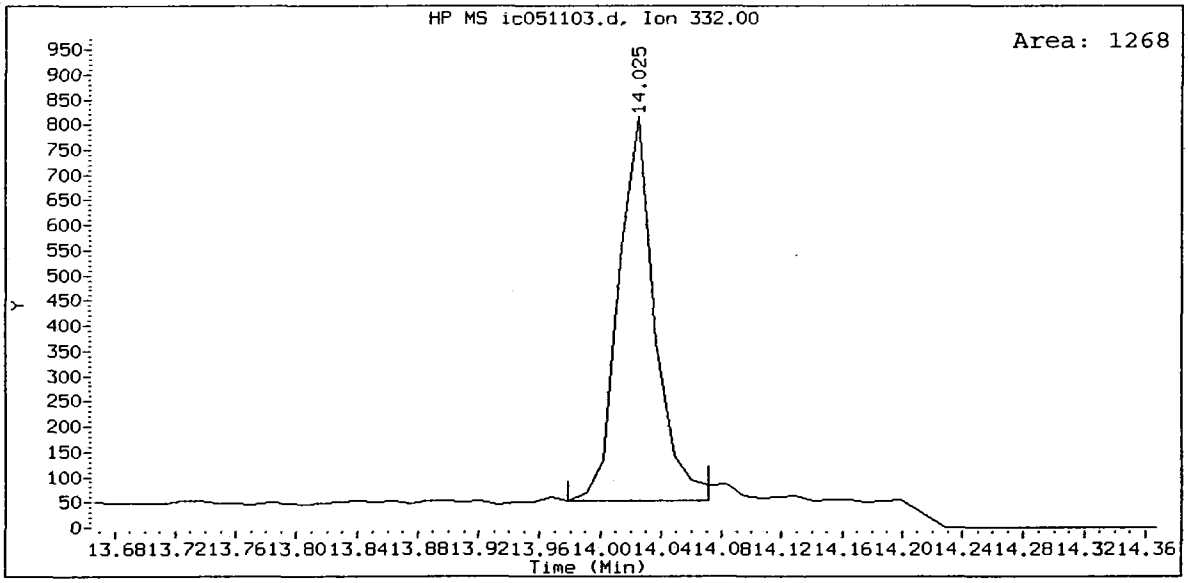
ABN 0.1, /chem3/nt2.i/20090511.b/ic051103.d
Nitrobenzene-d5 Amount: 0.13

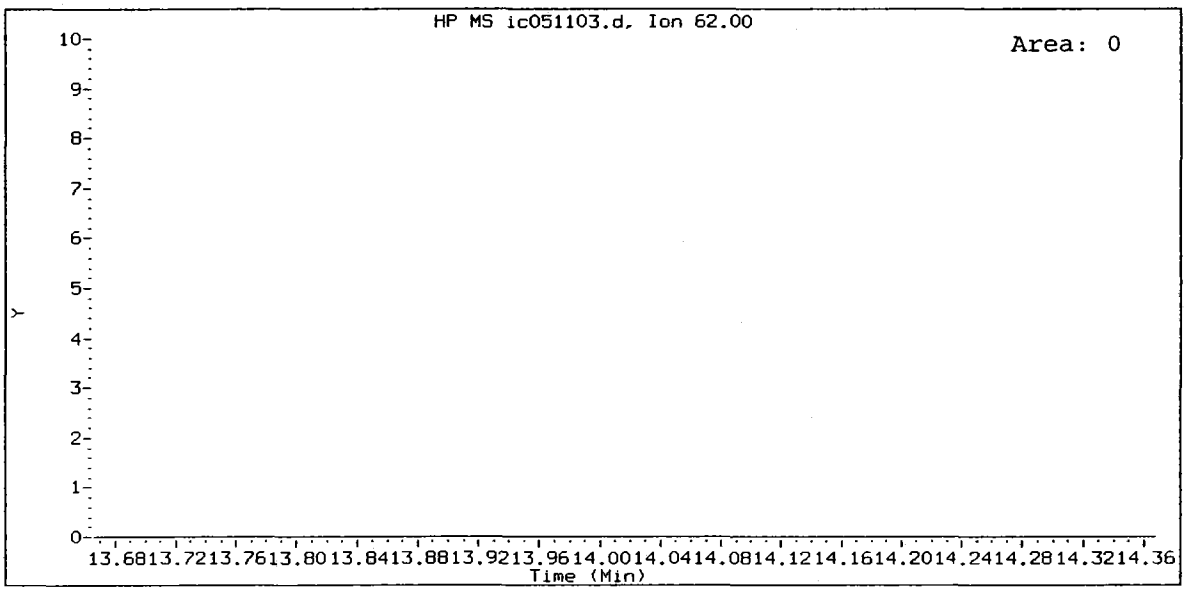




ABN 0.1, /chem3/nt2.i/20090511.b/ic051103.d
2,4,6-Tribromophenol Amount: 0.10







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051104.d
Lab Smp Id: ABN 5
Inj Date : 11-MAY-2009 13:57
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.027	6.036	(0.764)	439530	5.00000	5.186
$	2 Phenol-d5	99	7.438	7.612	(0.943)	584729	5.00000	5.211
	3 Phenol	94	7.449	7.439	(0.945)	760615	5.00000	5.082
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	393119	5.00000	5.213
	7 1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	486387	5.00000	4.853
*	8 1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	141854	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	517814	5.00000	4.982
$	10 1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	278614	5.00000	5.170
	11 Benzyl alcohol	79	8.127	8.127	(1.031)	2199381	25.0000	22.98
	12 1,2-Dichlorobenzene	146	8.196	8.179	(1.039)	456653	5.00000	4.879
	13 2-Methylphenol	108	8.347	8.346	(1.059)	453224	5.00000	5.007
	15 4-Methylphenol	108	8.578	8.577	(1.088)	493722	5.00000	5.335
	16 N-Nitroso-di-n-propylamine	70	8.578	8.577	(1.088)	424614	5.00000	4.905
$	18 Nitrobenzene-d5	82	8.778	8.669	(0.888)	587728	5.00000	5.076

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)	
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.951)	512330	5.00000	4.888	
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.996)	336314	5.00000	5.069	
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	426510	2.00000		(M)
	30 Hexachlorobutadiene	225	10.245	10.243	(1.037)	170751	5.00000	4.943	
$	36 2-Fluorobiphenyl	172	11.663	11.662	(0.917)	765982	5.00000	5.116	
	39 Dimethylphthalate	163	12.372	12.371	(0.973)	779859	5.00000	4.968	
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	209873	2.00000		
	50 Diethylphthalate	149	13.528	13.528	(1.064)	823046	5.00000	5.144	
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.914)	525799	5.00000	5.211	
$	55 2,4,6-Tribromophenol	330	14.014	14.014	(0.928)	84118	5.00000	5.294	
	57 Hexachlorobenzene	284	14.629	14.628	(0.968)	184452	5.00000	5.018	
	58 Pentachlorophenol	266	14.921	14.905	(0.988)	642905	25.0000	28.44	
*	59 Phenanthrene-d10	188	15.106	15.090	(1.000)	336119	2.00000		
$	66 Terphenyl-d14	244	17.736	17.736	(0.914)	494779	5.00000	5.277	
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	615577	5.00000	5.251	
*	69 Chrysene-d12	240	19.414	19.414	(1.000)	301395	2.00000		
*	77 Perylene-d12	264	21.584	21.568	(1.000)	274183	2.00000		
	79 Dibenzo(a,h)anthracene	278	23.231	23.230	(1.076)	688109	5.00000	5.403	
	90 N-Nitrosodimethylamine	74	3.889	3.891	(0.493)	346801	5.00000	5.180	

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051104.d
Lab Smp Id: ABN 5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

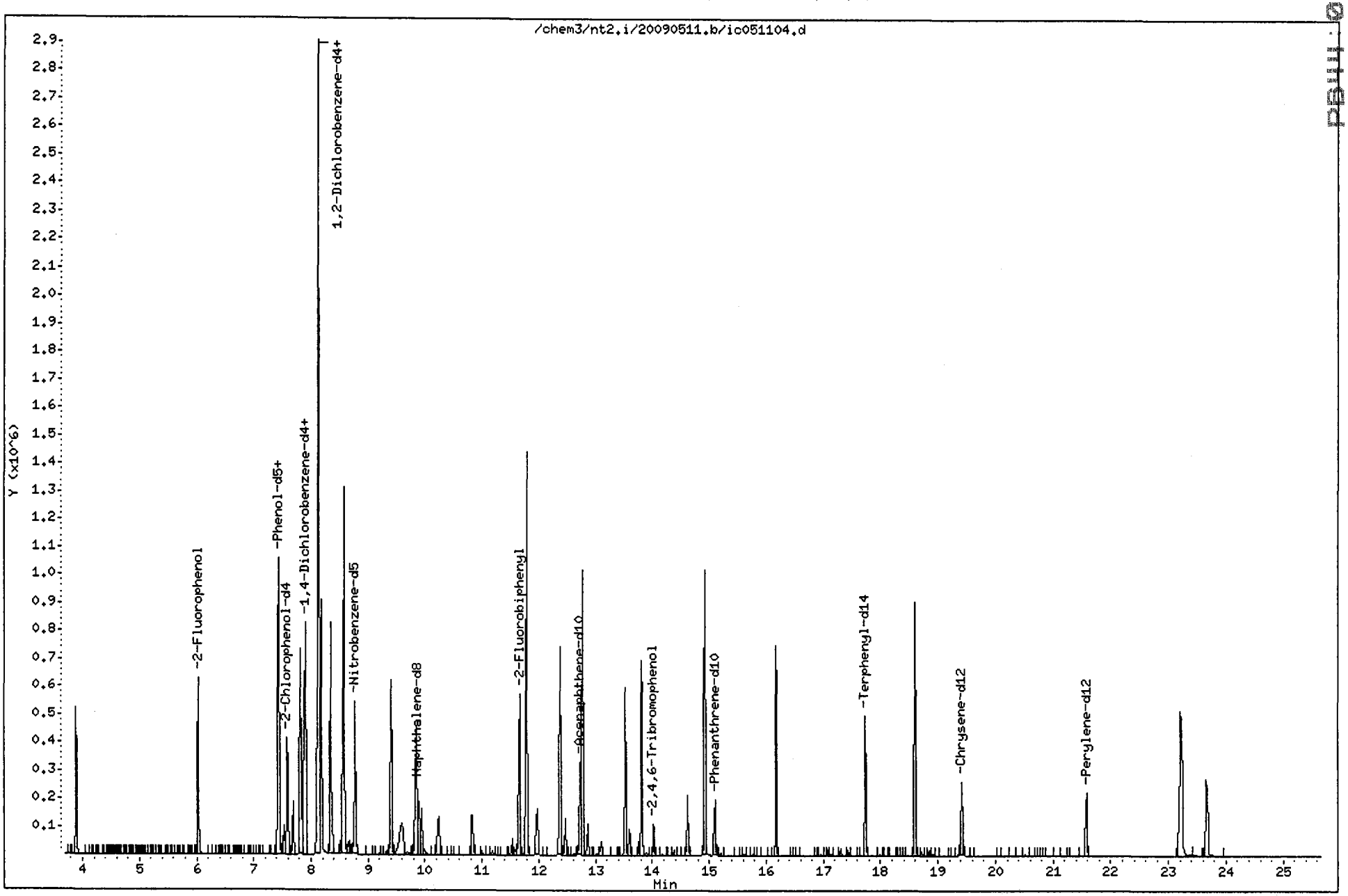
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	141854	18.42
27 Naphthalene-d8	372217	186108	744434	426510	14.59
42 Acenaphthene-d10	182713	91356	365426	209873	14.86
59 Phenanthrene-d10	286879	143440	573758	336119	17.16
69 Chrysene-d12	251912	125956	503824	301395	19.64
77 Perylene-d12	231524	115762	463048	274183	18.43

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.89	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.01
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.11	0.11
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.58	0.07

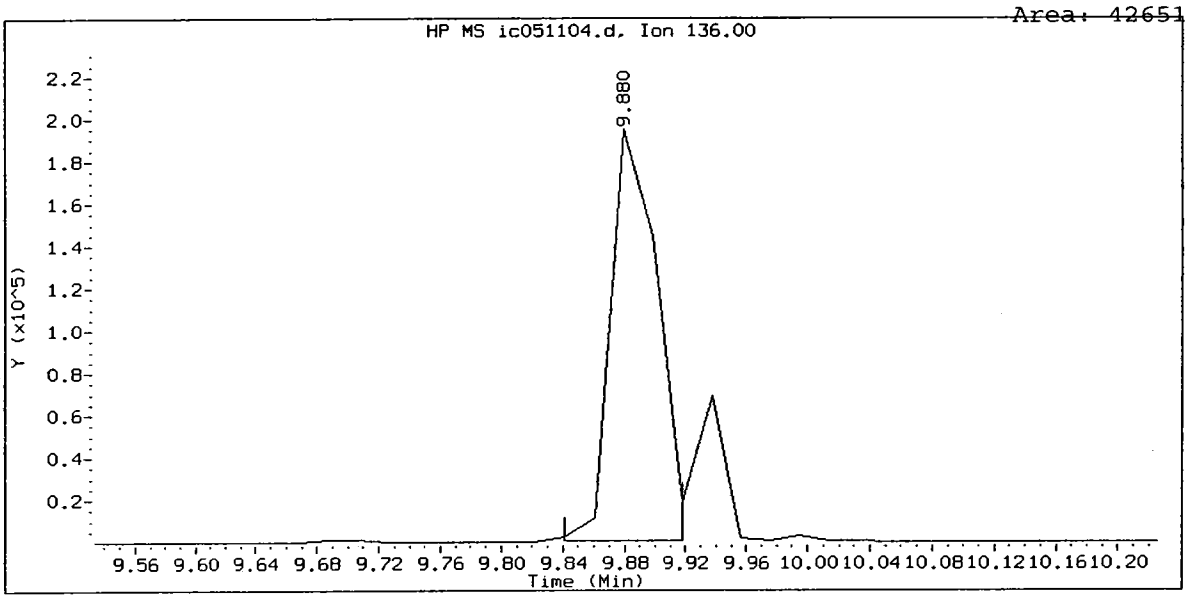
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

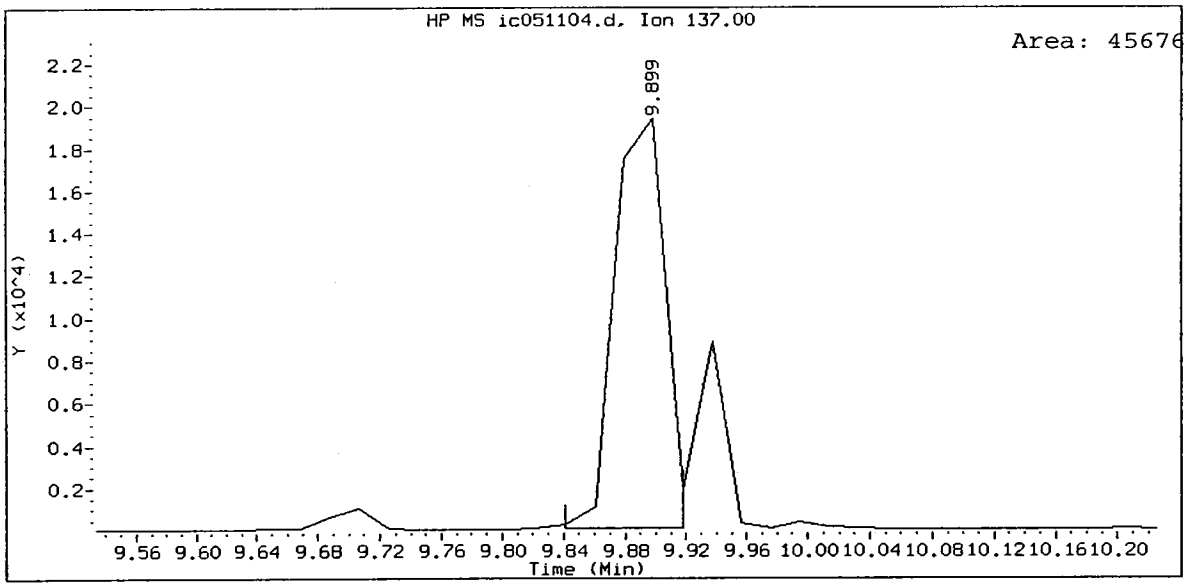
Data File: /chem3/nt2.i/20090511.b/ic051104.d
Date : 11-MAY-2009 13:57
Client ID:
Sample Info: ABN 5
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



ABN 5, /chem3/nt2.i/20090511.b/ic051104.d
Naphthalene-d8 Amount: 2.00





Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051105.d
Lab Smp Id: ABN 0.5
Inj Date : 11-MAY-2009 14:32
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 0.5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	6.028	6.036	(0.765)	38805	0.50000	0.4880
$	2 Phenol-d5	99	7.426	7.612	(0.942)	51400	0.50000	0.4882
	3 Phenol	94	7.438	7.439	(0.943)	67767	0.50000	0.4826
$	5 2-Chlorophenol-d4	132	7.588	7.624	(0.962)	34711	0.50000	0.4906
	7 1,3-Dichlorobenzene	146	7.815	7.816	(0.991)	46465	0.50000	0.4941
*	8 1,4-Dichlorobenzene-d4	152	7.884	7.885	(1.000)	133094	2.00000	
	9 1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	47570	0.50000	0.4878
$	10 1,2-Dichlorobenzene-d4	152	8.178	8.179	(1.037)	25445	0.50000	0.5032
	11 Benzyl alcohol	79	8.126	8.127	(1.031)	212125	2.50000	2.362
	12 1,2-Dichlorobenzene	146	8.178	8.179	(1.037)	43436	0.50000	0.4946
	13 2-Methylphenol	108	8.346	8.346	(1.059)	41492	0.50000	0.4886
	15 4-Methylphenol	108	8.577	8.577	(1.088)	41450	0.50000	0.4774
	16 N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	39423	0.50000	0.4854
$	18 Nitrobenzene-d5	82	8.762	8.669	(0.887)	53125	0.50000	0.5042

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.400	9.398	(0.951)	49508	0.50000	0.5190
	26 1,2,4-Trichlorobenzene	180	9.822	9.840	(0.994)	28992	0.50000	0.4801
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	388129	2.00000	
	30 Hexachlorobutadiene	225	10.226	10.243	(1.035)	15482	0.50000	0.4925
$	36 2-Fluorobiphenyl	172	11.646	11.662	(0.916)	67512	0.50000	0.4791
	39 Dimethylphthalate	163	12.373	12.371	(0.973)	70258	0.50000	0.4756
*	42 Acenaphthene-d10	162	12.719	12.717	(1.000)	197507	2.00000	
	50 Diethylphthalate	149	13.517	13.528	(1.063)	71195	0.50000	0.4728
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.915)	45277	0.50000	0.4699
$	55 2,4,6-Tribromophenol	330	14.015	14.014	(0.929)	6906	0.50000	0.4552
	57 Hexachlorobenzene	284	14.629	14.628	(0.969)	16817	0.50000	0.4791
	58 Pentachlorophenol	266	14.907	14.905	(0.988)	46883	2.50000	2.172
*	59 Phenanthrene-d10	188	15.091	15.090	(1.000)	320964	2.00000	
$	66 Terphenyl-d14	244	17.735	17.736	(0.914)	41676	0.50000	0.4759
	67 Butylbenzylphthalate	149	18.603	18.603	(0.958)	50795	0.50000	0.4639
*	69 Chrysene-d12	240	19.413	19.414	(1.000)	281495	2.00000	
*	77 Perylene-d12	264	21.568	21.568	(1.000)	255895	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.215	23.230	(1.076)	58832	0.50000	0.4950
	90 N-Nitrosodimethylamine	74	3.891	3.891	(0.494)	30684	0.50000	0.4884

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051105.d
Lab Smp Id: ABN 0.5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

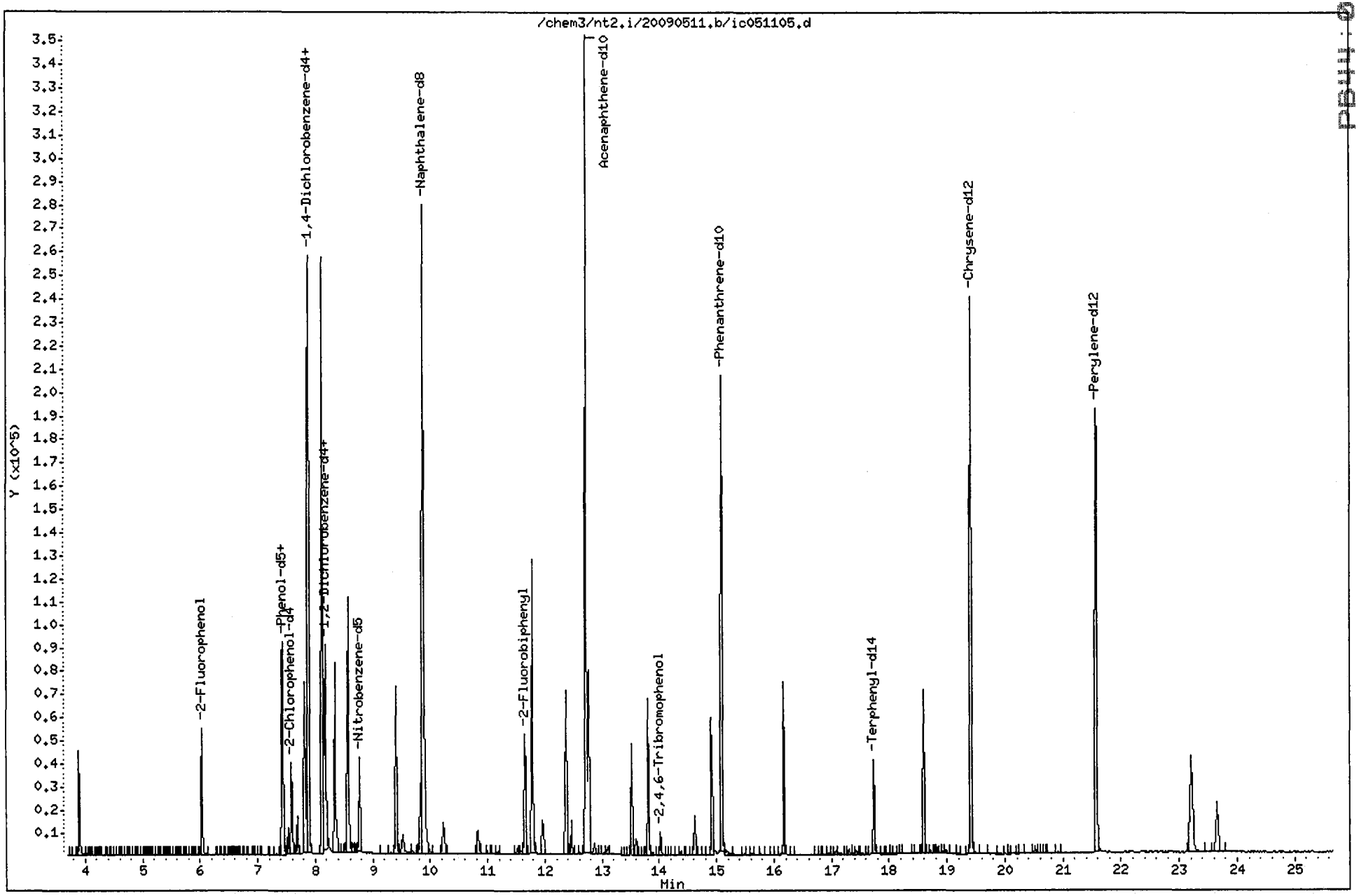
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	133094	11.11
27 Naphthalene-d8	372217	186108	744434	388129	4.27
42 Acenaphthene-d10	182713	91356	365426	197507	8.10
59 Phenanthrene-d10	286879	143440	573758	320964	11.88
69 Chrysene-d12	251912	125956	503824	281495	11.74
77 Perylene-d12	231524	115762	463048	255895	10.53

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	-0.01
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.02
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.01
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090511.b/ic051105.d
Date : 11-MAY-2009 14:32
Client ID:
Sample Info: ABN 0.5
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051106.d
Lab Smp Id: ABN 1
Inj Date : 11-MAY-2009 15:06
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 1
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1	2-Fluorophenol	112	6.027	6.036	(0.764)	85527	1.00000	1.013
$	2	Phenol-d5	99	7.426	7.612	(0.942)	110560	1.00000	0.9889
	3	Phenol	94	7.438	7.439	(0.943)	145607	1.00000	0.9765
$	5	2-Chlorophenol-d4	132	7.588	7.624	(0.962)	75255	1.00000	1.002
	7	1,3-Dichlorobenzene	146	7.815	7.816	(0.991)	101507	1.00000	1.016
*	8	1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	141330	2.00000	
	9	1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	101401	1.00000	0.9792
$	10	1,2-Dichlorobenzene-d4	152	8.179	8.179	(1.037)	53939	1.00000	1.005
	11	Benzyl alcohol	79	8.127	8.127	(1.031)	468161	5.00000	4.909
	12	1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	92859	1.00000	0.9958
	13	2-Methylphenol	108	8.346	8.346	(1.059)	90144	1.00000	0.9996
	15	4-Methylphenol	108	8.577	8.577	(1.088)	91180	1.00000	0.9889
	16	N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	85014	1.00000	0.9857
$	18	Nitrobenzene-d5	82	8.761	8.669	(0.887)	116010	1.00000	1.044

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	22 2,4-Dimethylphenol	107	9.399	9.398	(0.951)	107520	1.00000	1.069
	26 1,2,4-Trichlorobenzene	180	9.841	9.840	(0.996)	64056	1.00000	1.006
*	27 Naphthalene-d8	136	9.880	9.878	(1.000)	409195	2.00000	
	30 Hexachlorobutadiene	225	10.245	10.243	(1.037)	33071	1.00000	0.9978
$	36 2-Fluorobiphenyl	172	11.646	11.662	(0.916)	150000	1.00000	1.001
	39 Dimethylphthalate	163	12.372	12.371	(0.973)	161393	1.00000	1.027
*	42 Acenaphthene-d10	162	12.718	12.717	(1.000)	210100	2.00000	
	50 Diethylphthalate	149	13.517	13.528	(1.063)	158145	1.00000	0.9874
	54 N-Nitrosodiphenylamine	169	13.806	13.805	(0.915)	99297	1.00000	1.001
$	55 2,4,6-Tribromophenol	330	14.015	14.014	(0.929)	15729	1.00000	1.007
	57 Hexachlorobenzene	284	14.630	14.628	(0.969)	35612	1.00000	0.9857
	58 Pentachlorophenol	266	14.907	14.905	(0.988)	107229	5.00000	4.826
*	59 Phenanthrene-d10	188	15.091	15.090	(1.000)	330345	2.00000	
$	66 Terphenyl-d14	244	17.736	17.736	(0.914)	89266	1.00000	1.003
	67 Butylbenzylphthalate	149	18.604	18.603	(0.958)	110331	1.00000	0.9918
*	69 Chrysene-d12	240	19.413	19.414	(1.000)	285999	2.00000	
*	77 Perylene-d12	264	21.567	21.568	(1.000)	270022	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.214	23.230	(1.076)	131052	1.00000	1.045
	90 N-Nitrosodimethylamine	74	3.890	3.891	(0.493)	66277	1.00000	0.9935

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051106.d
Lab Smp Id: ABN 1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

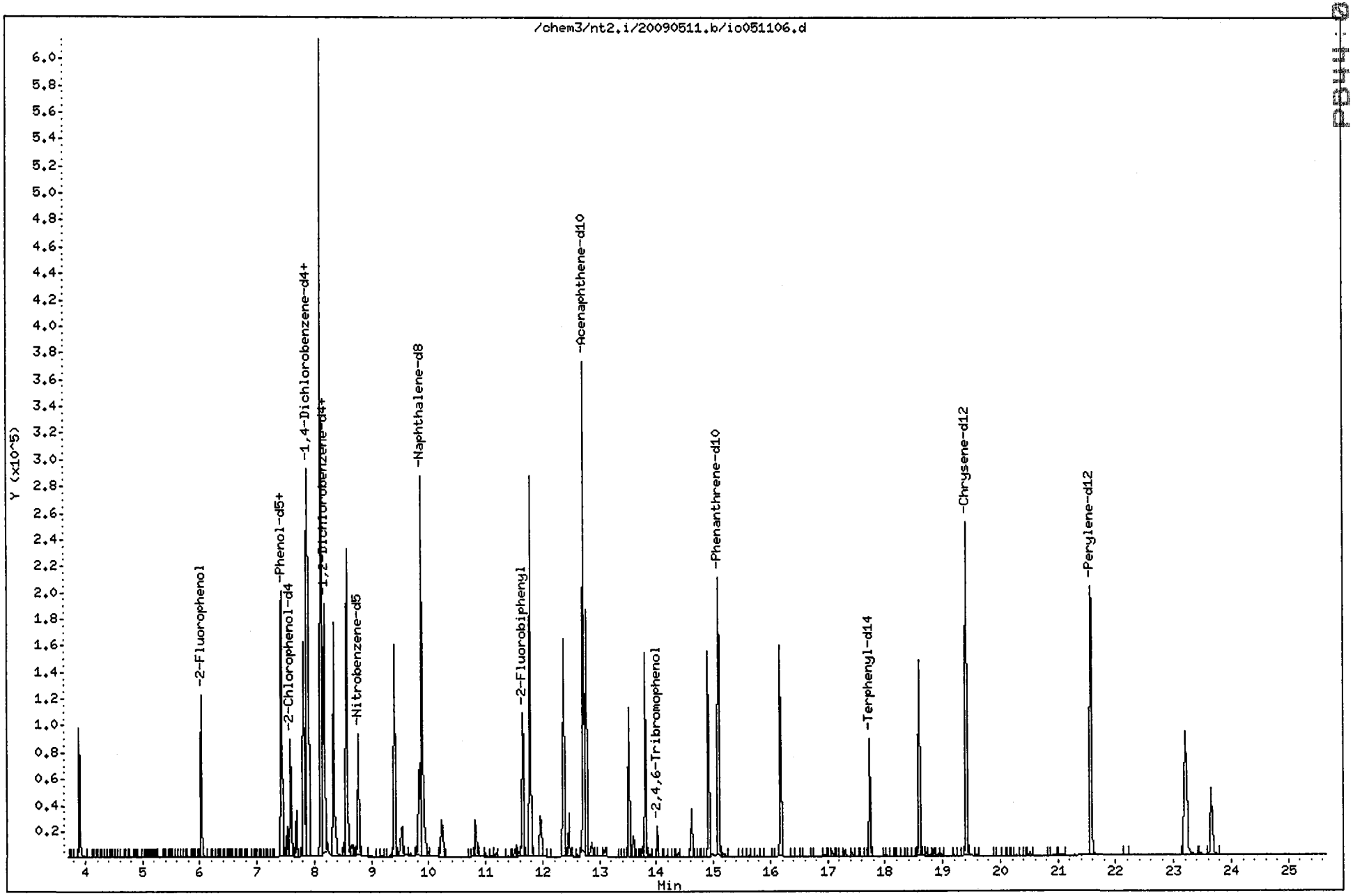
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	141330	17.99
27 Naphthalene-d8	372217	186108	744434	409195	9.93
42 Acenaphthene-d10	182713	91356	365426	210100	14.99
59 Phenanthrene-d10	286879	143440	573758	330345	15.15
69 Chrysene-d12	251912	125956	503824	285999	13.53
77 Perylene-d12	231524	115762	463048	270022	16.63

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.01
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.01
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.01
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090511.b/ic051106.d
Date : 11-MAY-2009 15:06
Client ID:
Sample Info: ABN 1
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090511.b/ic051107.d
Lab Smp Id: ICV
Inj Date : 11-MAY-2009 15:40
Operator : VTS Inst ID: nt2.i
Smp Info : ICV
Misc Info :
Comment :
Method : /chem3/nt2.i/20090511.b/SIMABN.m
Meth Date : 12-May-2009 15:55 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	Compound Not Detected.					
$ 2	Phenol-d5	99	7.612	7.612	(0.965)	19704	0.18172	11.36(R)
3	Phenol	94	7.439	7.439	(0.943)	366066	2.53145	158.2
$ 5	2-Chlorophenol-d4	132	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	7.816	7.816	(0.991)	262002	2.70538	169.1
* 8	1,4-Dichlorobenzene-d4	152	7.885	7.885	(1.000)	137062	2.00000	
9	1,4-Dichlorobenzene	146	7.902	7.902	(1.002)	272128	2.70977	169.4
$ 10	1,2-Dichlorobenzene-d4	152	Compound Not Detected.					
11	Benzyl alcohol	79	8.127	8.127	(1.031)	275445	2.97820	186.1
12	1,2-Dichlorobenzene	146	8.179	8.179	(1.037)	242467	2.68118	167.6
13	2-Methylphenol	108	8.346	8.346	(1.058)	223662	2.55736	159.8
15	4-Methylphenol	108	8.577	8.577	(1.088)	226428	2.53225	158.3
16	N-Nitroso-di-n-propylamine	70	8.577	8.577	(1.088)	225345	2.69414	168.4
$ 18	Nitrobenzene-d5	82	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
	22 2,4-Dimethylphenol	107	9.398	9.398	(0.951)	257808	2.76075	172.5
	26 1,2,4-Trichlorobenzene	180	9.840	9.840	(0.996)	178586	3.02088	188.8
*	27 Naphthalene-d8	136	9.878	9.878	(1.000)	379995	2.00000	
	30 Hexachlorobutadiene	225	10.243	10.243	(1.037)	96616	3.13916	196.2
$	36 2-Fluorobiphenyl	172	Compound Not Detected.					
	39 Dimethylphthalate	163	12.371	12.371	(0.973)	423568	2.73889	171.2
*	42 Acenaphthene-d10	162	12.717	12.717	(1.000)	206756	2.00000	
	50 Diethylphthalate	149	13.528	13.528	(1.064)	447993	2.84228	177.6
	54 N-Nitrosodiphenylamine	169	13.805	13.805	(0.915)	195482	2.07609	129.8
$	55 2,4,6-Tribromophenol	330	Compound Not Detected.					
	57 Hexachlorobenzene	284	14.628	14.628	(0.969)	99074	2.88842	180.5
	58 Pentachlorophenol	266	14.905	14.905	(0.988)	55706	2.64075	165.0
*	59 Phenanthrene-d10	188	15.090	15.090	(1.000)	313632	2.00000	
$	66 Terphenyl-d14	244	Compound Not Detected.					
	67 Butylbenzylphthalate	149	18.603	18.603	(0.958)	328608	2.86770	179.2
*	69 Chrysene-d12	240	19.414	19.414	(1.000)	294587	2.00000	
*	77 Perylene-d12	264	21.568	21.568	(1.000)	271892	2.00000	
	79 Dibenzo(a,h)anthracene	278	23.230	23.230	(1.077)	400870	3.17426	198.4
	90 N-Nitrosodimethylamine	74	3.891	3.891	(0.493)	174051	2.69038	168.1

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: ic051107.d
Lab Smp Id: ICV
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Calibration Date: 11-MAY-2009
Calibration Time: 15:40

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	137062	14.42
27 Naphthalene-d8	372217	186108	744434	379995	2.09
42 Acenaphthene-d10	182713	91356	365426	206756	13.16
59 Phenanthrene-d10	286879	143440	573758	313632	9.33
69 Chrysene-d12	251912	125956	503824	294587	16.94
77 Perylene-d12	231524	115762	463048	271892	17.44

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.88	7.38	8.38	7.88	0.00
27 Naphthalene-d8	9.88	9.38	10.38	9.88	0.00
42 Acenaphthene-d10	12.72	12.22	13.22	12.72	0.00
59 Phenanthrene-d10	15.09	14.59	15.59	15.09	0.00
69 Chrysene-d12	19.41	18.91	19.91	19.41	0.00
77 Perylene-d12	21.57	21.07	22.07	21.57	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: ICV
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090511.b/SIMABN.m
Misc Info:

Client SDG: 20090511
Fraction: SV

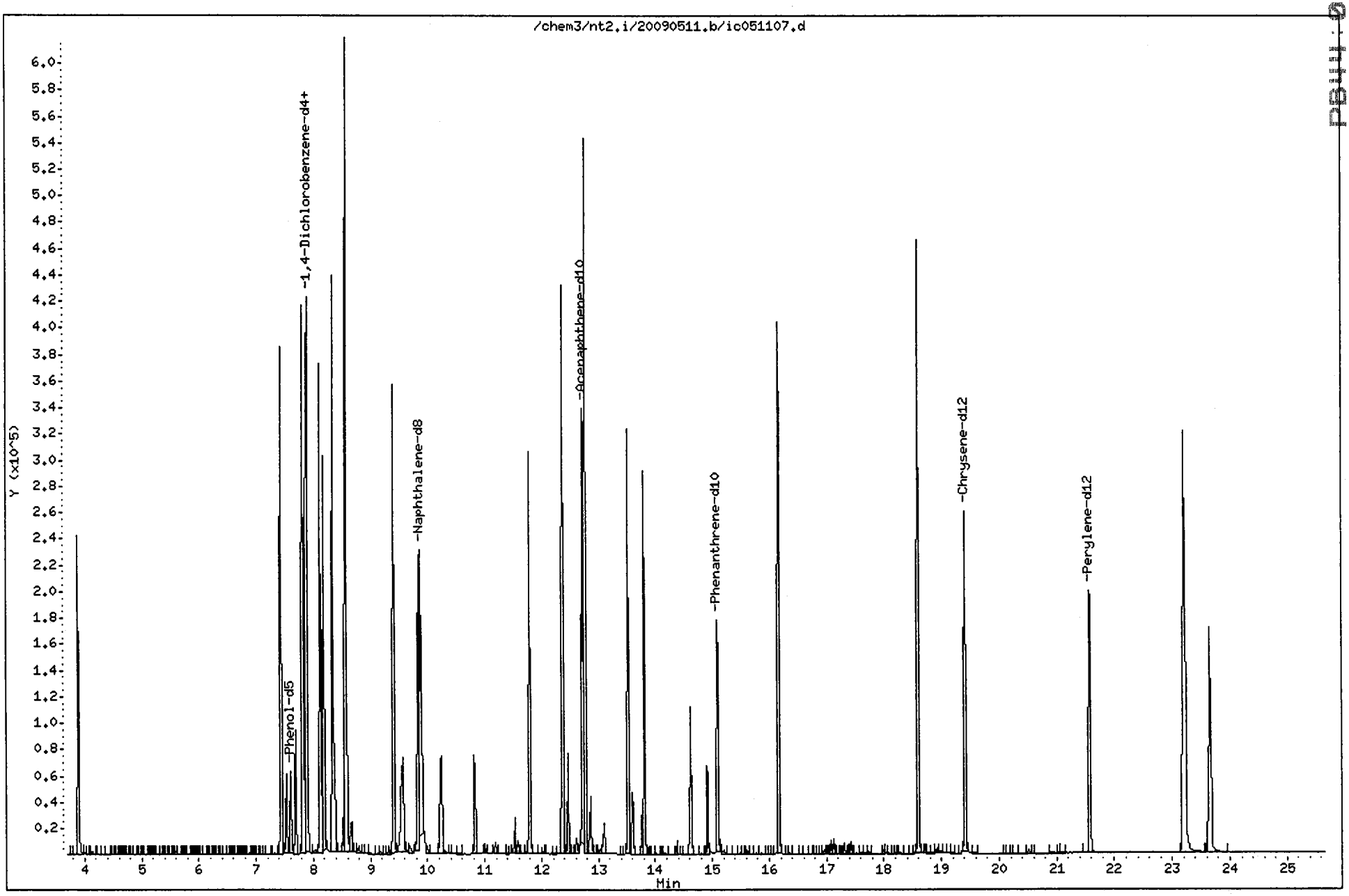
Operator: VTS
SampleType: LCS
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
3	Phenol	156.3	158.2	101.26	30-160
7	1,3-Dichlorobenzen	156.3	169.1	108.22	30-160
9	1,4-Dichlorobenzen	156.3	169.4	108.39	30-160
11	Benzyl alcohol	312.5	186.1	59.56	30-160
12	1,2-Dichlorobenzen	156.3	167.6	107.25	30-160
13	2-Methylphenol	156.3	159.8	102.29	30-160
15	4-Methylphenol	312.5	158.3	101.3 ~~50.65~~	30-160
16	N-Nitroso-di-n-pro	156.3	168.4	107.77	30-160
22	2,4-Dimethylphenol	156.3	172.5	110.43	30-160
26	1,2,4-Trichloroben	156.3	188.8	120.84	30-160
30	Hexachlorobutadien	156.3	196.2	125.57	30-160
50	Diethylphthalate	156.3	177.6	113.69	30-160
54	N-Nitrosodiphenyla	156.3	129.8	83.04	30-160
57	Hexachlorobenzene	156.3	180.5	115.54	30-160
58	Pentachlorophenol	156.3	165.0	105.63	30-160
67	Butylbenzylphthala	156.3	179.2	114.71	30-160
79	Dibenzo(a,h)anthra	156.3	198.4	126.97	30-160
90	N-Nitrosodimethyla	156.3	168.1	107.62	30-160

	SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	234.4	0.000	*	30-160
$ 2	Phenol-d5	234.4	11.36	4.85*	30-160
$ 5	2-Chlorophenol-d4	234.4	0.000	*	30-160
$ 10	1,2-Dichlorobenze	156.3	0.000	*	30-160
$ 18	Nitrobenzene-d5	156.3	0.000	*	30-160
$ 36	2-Fluorobiphenyl	156.3	0.000	*	30-160
$ 55	2,4,6-Tribromophe	234.4	0.000	*	30-160
$ 66	Terphenyl-d14	156.3	0.000	*	30-160

Data File: /chem3/nt2.i/20090511.b/ic051107.d
Date : 11-MAY-2009 15:40
Client ID:
Sample Info: ICV
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Instrument ID: NT2 Cont. Calib. Date: 06/16/09

Init. Calib. Date: 05/11/09 Cont. Calib. Time: 1048

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift	
Phenol	2.110	1.909	0.800	AVRG	-9.5	
1,3-Dichlorobenzene	1.413	1.753	0.010	AVRG	24.1	<-
1,4-Dichlorobenzene	1.465	1.444	0.010	AVRG	-1.4	
1,2-Dichlorobenzene	1.320	1.324	0.010	AVRG	0.3	
Benzyl alcohol	1.350	1.488	0.010	AVRG	10.2	
2-Methylphenol	1.276	1.221	0.700	AVRG	-4.3	
N-Nitroso-di-n-propylamine	1.220	1.183	0.500	AVRG	-3.0	
4-Methylphenol	1.305	1.368	0.600	AVRG	4.8	
2,4-Dimethylphenol	0.492	0.494	0.200	AVRG	0.4	
1,2,4-Trichlorobenzene	0.311	0.294	0.010	AVRG	-5.5	
Hexachlorobutadiene	0.162	0.157	0.010	AVRG	-3.1	
Dimethylphthalate	1.496	1.517	0.010	AVRG	1.4	
Diethylphthalate	1.525	1.587	0.010	AVRG	4.1	
N-Nitrosodiphenylamine(1)	0.600	0.613	0.010	AVRG	2.2	
Hexachlorobenzene	0.219	0.219	0.100	AVRG	0.0	
Pentachlorophenol	0.134	0.144	0.050	AVRG	7.5	
Butylbenzylphthalate	0.778	0.778	0.010	AVRG	0.0	
Dibenzo(a,h)anthracene	0.929	1.018	0.400	AVRG	9.6	
N-Nitrosodimethylamine	0.944	0.942	0.010	AVRG	-0.2	
2-Fluorophenol	1.195	1.193	0.010	AVRG	-0.2	
Phenol-d5	1.582	1.580	0.010	AVRG	-0.1	
2-Chlorophenol-d4	1.063	1.065	0.010	AVRG	0.2	
1,2-Dichlorobenzene-d4	0.760	0.764	0.010	AVRG	0.5	
Nitrobenzene-d5	0.543	0.518	0.010	AVRG	-4.6	
2-Fluorobiphenyl	1.427	1.448	0.010	AVRG	1.5	
2,4,6-Tribromophenol	0.095	0.097	0.010	AVRG	2.1	
Terphenyl-d14	0.622	0.662	0.010	AVRG	6.4	

(1) Cannot be separated from Diphenylamine

<- Exceeds QC limit of 20% D

* RF less than minimum RF

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt2.i Injection Date: 16-JUN-2009 10:48
Lab File ID: cc0616.d Init. Cal. Date(s): 11-MAY-2009 11-MAY-2009
Analysis Type: SOIL Init. Cal. Times: 12:17 15:06
Lab Sample ID: ABN 2.5 Quant Type: ISTD
Method: /chem3/nt2.i/20090616.b/SIMABN.m

COMPOUND	RRF / AMOUNT	RF2	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 1 2-Fluorophenol	1.19489	1.19329	0.010	-0.13399	20.00000	Averaged	
$ 2 Phenol-d5	1.58220	1.57982	0.010	-0.15060	20.00000	Averaged	
3 Phenol	2.11010	1.90899	0.010	-9.53113	20.00000	Averaged	
$ 5 2-Chlorophenol-d4	1.06328	1.06463	0.010	0.12714	20.00000	Averaged	
7 1,3-Dichlorobenzene	1.41315	1.75270	0.010	24.02774	20.00000	Averaged	<-
9 1,4-Dichlorobenzene	1.46539	1.44368	0.010	-1.48175	20.00000	Averaged	
$ 10 1,2-Dichlorobenzene-d4	0.75984	0.76442	0.010	0.60317	20.00000	Averaged	
11 Benzyl alcohol	1.34957	1.48788	0.010	10.24891	20.00000	Averaged	
12 1,2-Dichlorobenzene	1.31959	1.32393	0.010	0.32903	20.00000	Averaged	
13 2-Methylphenol	1.27618	1.22099	0.010	-4.32502	20.00000	Averaged	
15 4-Methylphenol	1.30478	1.36839	0.010	4.87525	20.00000	Averaged	
16 N-Nitroso-di-n-propylamine	1.22051	1.18306	0.050	-3.06844	20.00000	Averaged	
$ 18 Nitrobenzene-d5	0.54291	0.51814	0.010	-4.56271	20.00000	Averaged	
22 2,4-Dimethylphenol	0.49150	0.49371	0.010	0.45009	20.00000	Averaged	
26 1,2,4-Trichlorobenzene	0.31115	0.29423	0.010	-5.43555	20.00000	Averaged	
30 Hexachlorobutadiene	0.16199	0.15741	0.010	-2.82993	20.00000	Averaged	
$ 36 2-Fluorobiphenyl	1.42681	1.44801	0.010	1.48561	20.00000	Averaged	
39 Dimethylphthalate	1.49596	1.51734	0.010	1.42893	20.00000	Averaged	
50 Diethylphthalate	1.52467	1.58662	0.010	4.06292	20.00000	Averaged	
54 N-Nitrosodiphenylamine	0.60044	0.61337	0.010	2.15341	20.00000	Averaged	
$ 55 2,4,6-Tribromophenol	0.09454	0.09721	0.010	2.82593	20.00000	Averaged	
57 Hexachlorobenzene	0.21873	0.21908	0.010	0.16094	20.00000	Averaged	
58 Pentachlorophenol	0.13452	0.14418	0.005	7.18179	20.00000	Averaged	
$ 66 Terphenyl-d14	0.62214	0.66165	0.010	6.34966	20.00000	Averaged	
67 Butylbenzylphthalate	0.77797	0.77788	0.010	-0.01081	20.00000	Averaged	
79 Dibenzo(a,h)anthracene	0.92895	1.01766	0.010	9.54944	20.00000	Averaged	
90 N-Nitrosodimethylamine	0.94401	0.94186	0.010	-0.22811	20.00000	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/cc0616.d
Lab Smp Id: ABN 2.5
Inj Date : 16-JUN-2009 10:48
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 2.5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 16-Jun-2009 11:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$ 1	2-Fluorophenol	112	5.527	5.527	(0.750)	196915	2.50000	2.497
$ 2	Phenol-d5	99	6.961	6.961	(0.945)	260699	2.50000	2.496
3	Phenol	94	6.972	6.972	(0.946)	315018	2.50000	2.262
$ 5	2-Chlorophenol-d4	132	7.076	7.076	(0.960)	175684	2.50000	2.503
7	1,3-Dichlorobenzene	146	7.299	7.299	(0.991)	289228	2.50000	3.101
* 8	1,4-Dichlorobenzene-d4	152	7.368	7.368	(1.000)	132014	2.00000	
9	1,4-Dichlorobenzene	146	7.385	7.385	(1.002)	238233	2.50000	2.463
$ 10	1,2-Dichlorobenzene-d4	152	7.645	7.645	(1.038)	126143	2.50000	2.515
11	Benzyl alcohol	79	7.627	7.627	(1.035)	1227642	12.5000	13.78
12	1,2-Dichlorobenzene	146	7.662	7.662	(1.040)	218473	2.50000	2.508
13	2-Methylphenol	108	7.865	7.865	(1.067)	201485	2.50000	2.392
15	4-Methylphenol	108	8.096	8.096	(1.099)	225809	2.50000	2.622
16	N-Nitroso-di-n-propylamine	70	8.080	8.080	(1.097)	195226	2.50000	2.423
$ 18	Nitrobenzene-d5	82	8.250	8.250	(0.883)	270180	2.50000	2.386
22	2,4-Dimethylphenol	107	8.901	8.901	(0.953)	257440	2.50000	2.511

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	26 1,2,4-Trichlorobenzene	180	9.285	9.285	(0.994)	153426	2.50000	2.364
*	27 Naphthalene-d8	136	9.343	9.343	(1.000)	417153	2.00000	
	30 Hexachlorobutadiene	225	9.708	9.708	(1.039)	82077	2.50000	2.429
$	36 2-Fluorobiphenyl	172	11.128	11.128	(0.915)	344261	2.50000	2.537
	39 Dimethylphthalate	163	11.855	11.855	(0.974)	360743	2.50000	2.536
*	42 Acenaphthene-d10	162	12.166	12.166	(1.000)	190197	2.00000	
	50 Diethylphthalate	149	13.008	13.008	(1.069)	377214	2.50000	2.602
	54 N-Nitrosodiphenylamine	169	13.275	13.275	(0.914)	240404	2.50000	2.554
$	55 2,4,6-Tribromophenol	330	13.460	13.460	(0.926)	38101	2.50000	2.571
	57 Hexachlorobenzene	284	14.067	14.067	(0.968)	85867	2.50000	2.504
	58 Pentachlorophenol	266	14.360	14.360	(0.988)	282550	12.5000	13.40
*	59 Phenanthrene-d10	188	14.529	14.529	(1.000)	313552	2.00000	
$	66 Terphenyl-d14	244	17.167	17.167	(0.912)	216307	2.50000	2.659
	67 Butylbenzylphthalate	149	18.046	18.046	(0.959)	254307	2.50000	2.500
*	69 Chrysene-d12	240	18.814	18.814	(1.000)	261538	2.00000	
*	77 Perylene-d12	264	20.953	20.953	(1.000)	222745	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.400	22.400	(1.069)	283349	2.50000	2.739
	90 N-Nitrosodimethylamine	74	3.265	3.265	(0.443)	155423	2.50000	2.494

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: cc0616.d
Lab Smp Id: ABN 2.5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info:

Calibration Date: 16-JUN-2009
Calibration Time: 10:03

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	132014	10.21
27 Naphthalene-d8	372217	186108	744434	417153	12.07
42 Acenaphthene-d10	182713	91356	365426	190197	4.10
59 Phenanthrene-d10	286879	143440	573758	313552	9.30
69 Chrysene-d12	251912	125956	503824	261538	3.82
77 Perylene-d12	231524	115762	463048	222745	-3.79

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	0.00
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.00
42 Acenaphthene-d10	12.17	11.67	12.67	12.17	0.00
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.00
69 Chrysene-d12	18.81	18.31	19.31	18.81	0.00
77 Perylene-d12	20.95	20.45	21.45	20.95	0.00

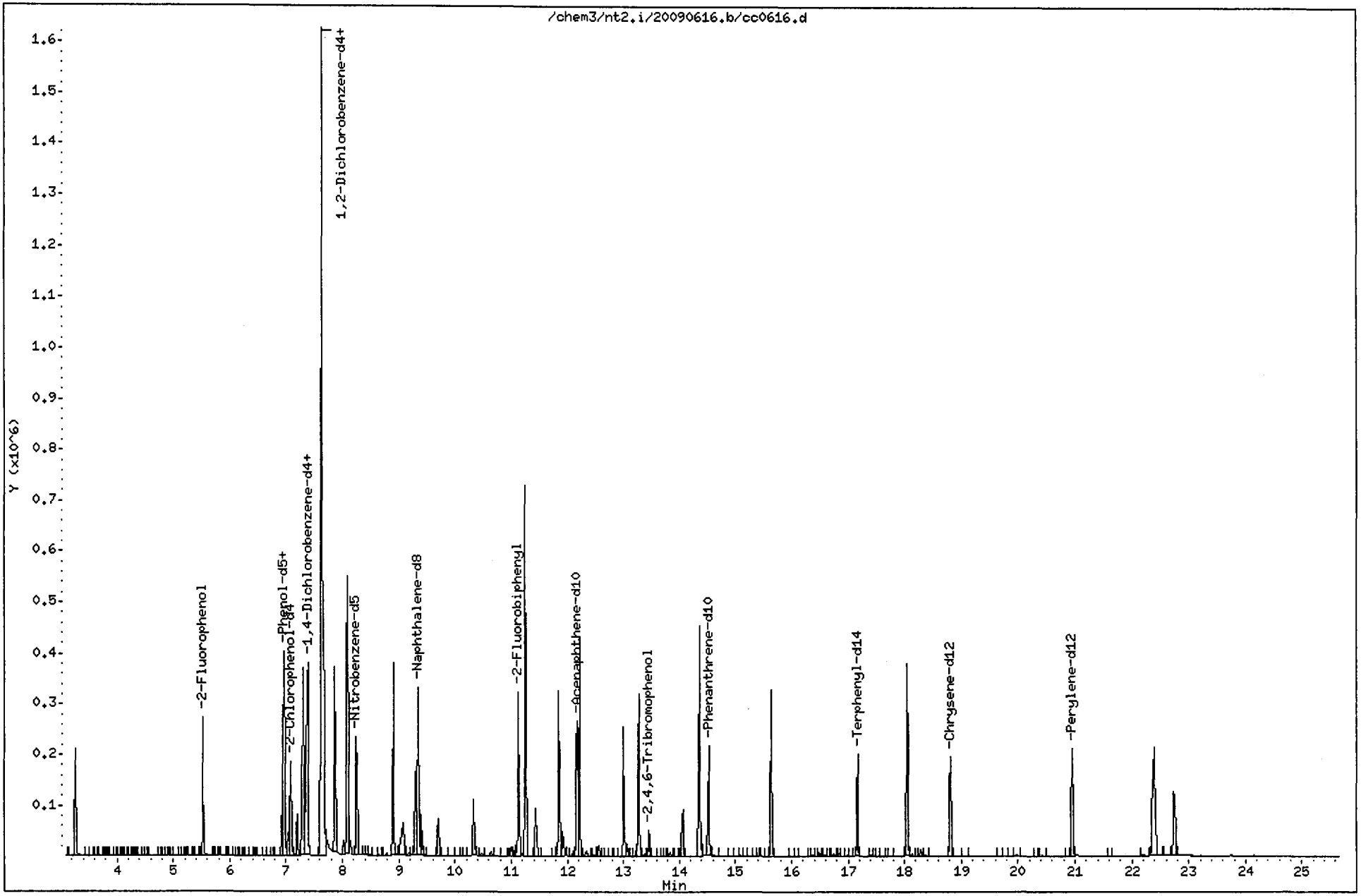
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090616.b/cc0616.d
Date : 16-JUN-2009 10:48
Client ID:
Sample Info: ABN 2.5
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i

Operator: VTS
Column diameter: 0.32

PB11-69815



SEMIVOLATILE 8270-D CONTINUING CALIBRATION CHECK

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No: PB44 Project: JELD-WEN NORD DOOR

Instrument ID: NT2 Cont. Calib. Date: 06/17/09

Init. Calib. Date: 05/11/09 Cont. Calib. Time: 1211

COMPOUND	CalAmt or ARF	CC Amt or RF	MIN RRF	CURVE TYPE	%D or Drift	
Phenol	2.110	2.260	0.800	AVRG	7.1	
1,3-Dichlorobenzene	1.413	1.784	0.010	AVRG	26.2	<-
1,4-Dichlorobenzene	1.465	1.392	0.010	AVRG	-5.0	
1,2-Dichlorobenzene	1.320	1.382	0.010	AVRG	4.7	
Benzyl alcohol	1.350	1.053	0.010	AVRG	-22.0	<-
2-Methylphenol	1.276	1.322	0.700	AVRG	3.6	
N-Nitroso-di-n-propylamine	1.220	1.209	0.500	AVRG	-0.9	
4-Methylphenol	1.305	1.399	0.600	AVRG	7.2	
2,4-Dimethylphenol	0.492	0.496	0.200	AVRG	0.8	
1,2,4-Trichlorobenzene	0.311	0.342	0.010	AVRG	10.0	
Hexachlorobutadiene	0.162	0.170	0.010	AVRG	4.9	
Dimethylphthalate	1.496	1.473	0.010	AVRG	-1.5	
Diethylphthalate	1.525	1.579	0.010	AVRG	3.5	
N-Nitrosodiphenylamine(1)	0.600	0.602	0.010	AVRG	0.3	
Hexachlorobenzene	0.219	0.223	0.100	AVRG	1.8	
Pentachlorophenol	0.134	0.133	0.050	AVRG	-0.7	
Butylbenzylphthalate	0.778	0.796	0.010	AVRG	2.3	
Dibenzo(a,h)anthracene	0.929	0.910	0.400	AVRG	-2.0	
N-Nitrosodimethylamine	0.944	0.973	0.010	AVRG	3.1	
2-Fluorophenol	1.195	1.217	0.010	AVRG	1.8	
Phenol-d5	1.582	1.626	0.010	AVRG	2.8	
2-Chlorophenol-d4	1.063	1.254	0.010	AVRG	18.0	
1,2-Dichlorobenzene-d4	0.760	0.794	0.010	AVRG	4.5	
Nitrobenzene-d5	0.543	0.566	0.010	AVRG	4.2	
2-Fluorobiphenyl	1.427	1.443	0.010	AVRG	1.1	
2,4,6-Tribromophenol	0.095	0.099	0.010	AVRG	4.2	
Terphenyl-d14	0.622	0.652	0.010	AVRG	4.8	

(1) Cannot be separated from Diphenylamine
<- Exceeds QC limit of 20% D
* RF less than minimum RF

Analytical Resources, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: nt2.i Injection Date: 17-JUN-2009 12:11
Lab File ID: cc0617.d Init. Cal. Date(s): 11-MAY-2009 11-MAY-2009
Analysis Type: SOIL Init. Cal. Times: 12:17 15:06
Lab Sample ID: ABN 2.5 Quant Type: ISTD
Method: /chem3/nt2.i/20090617.b/SIMABN.m

COMPOUND	RRF / AMOUNT	RF2	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 1 2-Fluorophenol	1.19489	1.21708	0.010	1.85716	20.00000	Averaged	
$ 2 Phenol-d5	1.58220	1.62563	0.010	2.74512	20.00000	Averaged	
3 Phenol	2.11010	2.25979	0.010	7.09394	20.00000	Averaged	
$ 5 2-Chlorophenol-d4	1.06328	1.25387	0.010	17.92506	20.00000	Averaged	
7 1,3-Dichlorobenzene	1.41315	1.78365	0.010	26.21772	20.00000	Averaged	<-
9 1,4-Dichlorobenzene	1.46539	1.39249	0.010	-4.97454	20.00000	Averaged	
$ 10 1,2-Dichlorobenzene-d4	0.75984	0.79379	0.010	4.46809	20.00000	Averaged	
11 Benzyl alcohol	1.34957	1.05290	0.010	-21.98213	20.00000	Averaged	<-
12 1,2-Dichlorobenzene	1.31959	1.38187	0.010	4.71961	20.00000	Averaged	
13 2-Methylphenol	1.27618	1.32237	0.010	3.61903	20.00000	Averaged	
15 4-Methylphenol	1.30478	1.39925	0.010	7.24059	20.00000	Averaged	
16 N-Nitroso-di-n-propylamine	1.22051	1.20915	0.050	-0.93078	20.00000	Averaged	
$ 18 Nitrobenzene-d5	0.54291	0.56604	0.010	4.25973	20.00000	Averaged	
22 2,4-Dimethylphenol	0.49150	0.49568	0.010	0.85185	20.00000	Averaged	
26 1,2,4-Trichlorobenzene	0.31115	0.34155	0.010	9.77101	20.00000	Averaged	
30 Hexachlorobutadiene	0.16199	0.16971	0.010	4.76438	20.00000	Averaged	
$ 36 2-Fluorobiphenyl	1.42681	1.44327	0.010	1.15300	20.00000	Averaged	
39 Dimethylphthalate	1.49596	1.47279	0.010	-1.54908	20.00000	Averaged	
50 Diethylphthalate	1.52467	1.57918	0.010	3.57534	20.00000	Averaged	
54 N-Nitrosodiphenylamine	0.60044	0.60237	0.010	0.32107	20.00000	Averaged	
$ 55 2,4,6-Tribromophenol	0.09454	0.09910	0.010	4.82523	20.00000	Averaged	
57 Hexachlorobenzene	0.21873	0.22271	0.010	1.81845	20.00000	Averaged	
58 Pentachlorophenol	0.13452	0.13310	0.005	-1.05149	20.00000	Averaged	
$ 66 Terphenyl-d14	0.62214	0.65213	0.010	4.82021	20.00000	Averaged	
67 Butylbenzylphthalate	0.77797	0.79553	0.010	2.25801	20.00000	Averaged	
79 Dibenzo(a,h)anthracene	0.92895	0.91032	0.010	-2.00628	20.00000	Averaged	
90 N-Nitrosodimethylamine	0.94401	0.97346	0.010	3.12013	20.00000	Averaged	

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/cc0617.d
Lab Smp Id: ABN 2.5
Inj Date : 17-JUN-2009 12:11
Operator : VTS Inst ID: nt2.i
Smp Info : ABN 2.5
Misc Info :
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 17-Jun-2009 13:26 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	1 2-Fluorophenol	112	5.445	5.445	(0.748)	220088	2.50000	2.546
$	2 Phenol-d5	99	6.888	6.888	(0.946)	293967	2.50000	2.569
	3 Phenol	94	6.899	6.899	(0.947)	408644	2.50000	2.677
$	5 2-Chlorophenol-d4	132	6.992	6.992	(0.960)	226741	2.50000	2.948
	7 1,3-Dichlorobenzene	146	7.215	7.215	(0.990)	322542	2.50000	3.155
*	8 1,4-Dichlorobenzene-d4	152	7.284	7.284	(1.000)	144666	2.00000	
	9 1,4-Dichlorobenzene	146	7.301	7.301	(1.002)	251808	2.50000	2.376
$	10 1,2-Dichlorobenzene-d4	152	7.561	7.561	(1.038)	143543	2.50000	2.612
	11 Benzyl alcohol	79	7.543	7.543	(1.036)	951996	12.5000	9.752
	12 1,2-Dichlorobenzene	146	7.578	7.578	(1.040)	249887	2.50000	2.618
	13 2-Methylphenol	108	7.796	7.796	(1.070)	239127	2.50000	2.590(M)
	15 4-Methylphenol	108	8.027	8.027	(1.102)	253029	2.50000	2.681(M)
	16 N-Nitroso-di-n-propylamine	70	7.996	7.996	(1.098)	218653	2.50000	2.477
$	18 Nitrobenzene-d5	82	8.165	8.165	(0.882)	299197	2.50000	2.606
	22 2,4-Dimethylphenol	107	8.821	8.821	(0.952)	262009	2.50000	2.521

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	26 1,2,4-Trichlorobenzene	180	9.205	9.205	(0.994)	180536	2.50000	2.744
*	27 Naphthalene-d8	136	9.263	9.263	(1.000)	422864	2.00000	
	30 Hexachlorobutadiene	225	9.608	9.608	(1.037)	89704	2.50000	2.619
$	36 2-Fluorobiphenyl	172	11.046	11.046	(0.914)	387663	2.50000	2.529
	39 Dimethylphthalate	163	11.773	11.773	(0.974)	395593	2.50000	2.461
*	42 Acenaphthene-d10	162	12.084	12.084	(1.000)	214881	2.00000	
	50 Diethylphthalate	149	12.928	12.928	(1.070)	424171	2.50000	2.589
	54 N-Nitrosodiphenylamine	169	13.195	13.195	(0.913)	264795	2.50000	2.508
$	55 2,4,6-Tribromophenol	330	13.380	13.380	(0.926)	43565	2.50000	2.621
	57 Hexachlorobenzene	284	13.983	13.983	(0.968)	97900	2.50000	2.545
	58 Pentachlorophenol	266	14.291	14.291	(0.989)	292558	12.5000	12.37
*	59 Phenanthrene-d10	188	14.445	14.445	(1.000)	351672	2.00000	
$	66 Terphenyl-d14	244	17.090	17.090	(0.912)	244164	2.50000	2.621
	67 Butylbenzylphthalate	149	17.970	17.970	(0.959)	297855	2.50000	2.556
*	69 Chrysene-d12	240	18.730	18.730	(1.000)	299528	2.00000	
*	77 Perylene-d12	264	20.869	20.869	(1.000)	236527	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.301	22.301	(1.069)	269143	2.50000	2.450
	90 N-Nitrosodimethylamine	74	3.153	3.153	(0.433)	176034	2.50000	2.578

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: cc0617.d
Lab Smp Id: ABN 2.5
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info:

Calibration Date: 17-JUN-2009
Calibration Time: 11:17

Level: LOW
Sample Type: SOIL

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	144666	20.77
27 Naphthalene-d8	372217	186108	744434	422864	13.61
42 Acenaphthene-d10	182713	91356	365426	214881	17.61
59 Phenanthrene-d10	286879	143440	573758	351672	22.59
69 Chrysene-d12	251912	125956	503824	299528	18.90
77 Perylene-d12	231524	115762	463048	236527	2.16

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.28	0.00
27 Naphthalene-d8	9.26	8.76	9.76	9.26	0.00
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	0.00
59 Phenanthrene-d10	14.45	13.95	14.95	14.45	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.73	0.00
77 Perylene-d12	20.87	20.37	21.37	20.87	0.00

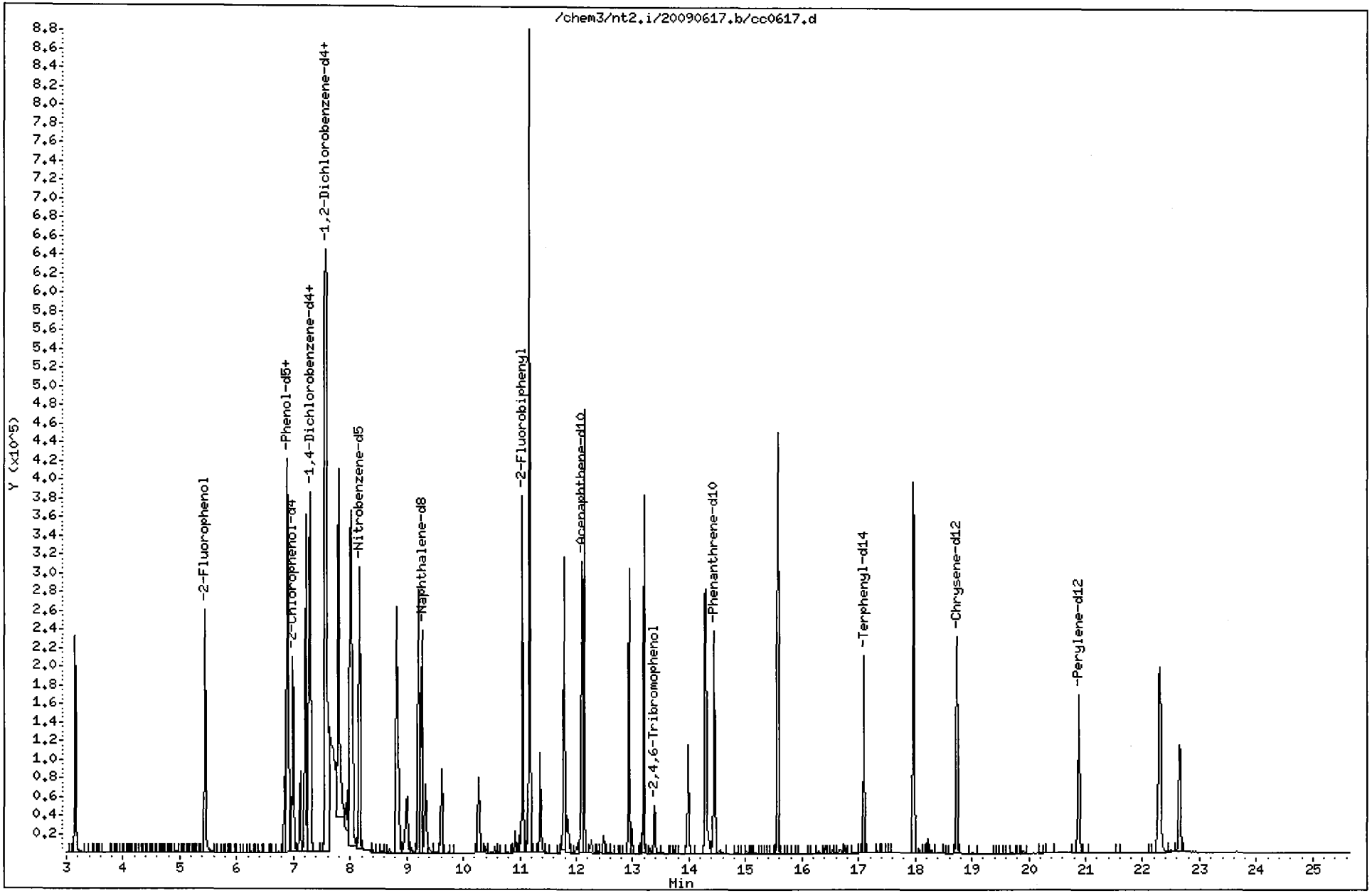
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt2.i/20090617.b/cc0617.d
Date : 17-JUN-2009 12:11
Client ID:
Sample Info: ABN 2.5
Volume Injected (uL): 2.0
Column phase: ZB-5

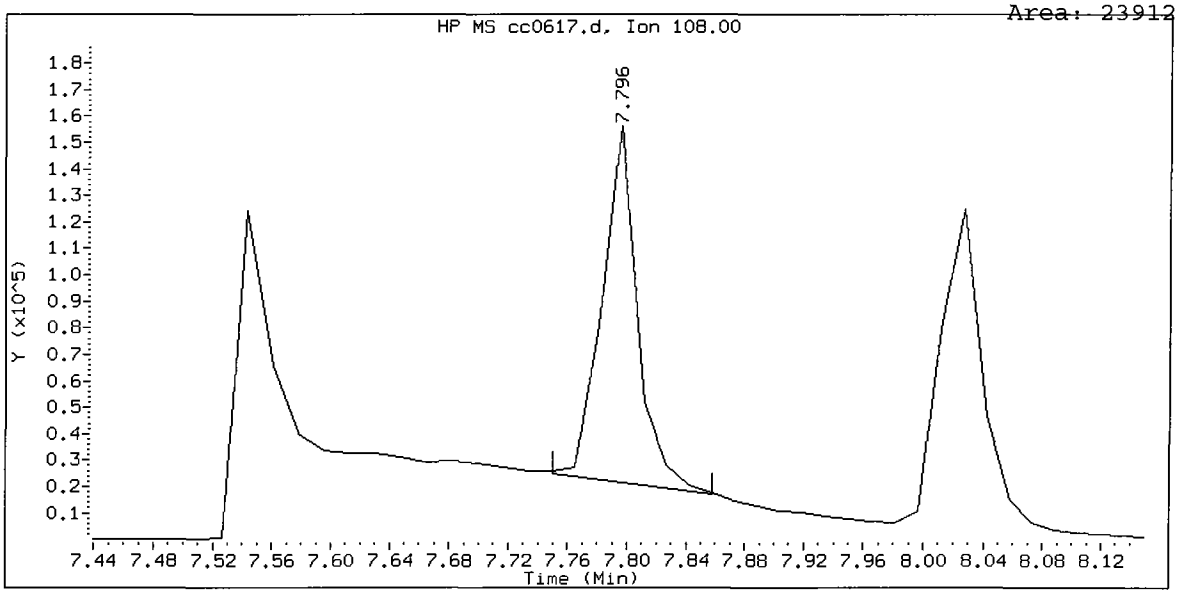
Instrument: nt2.i

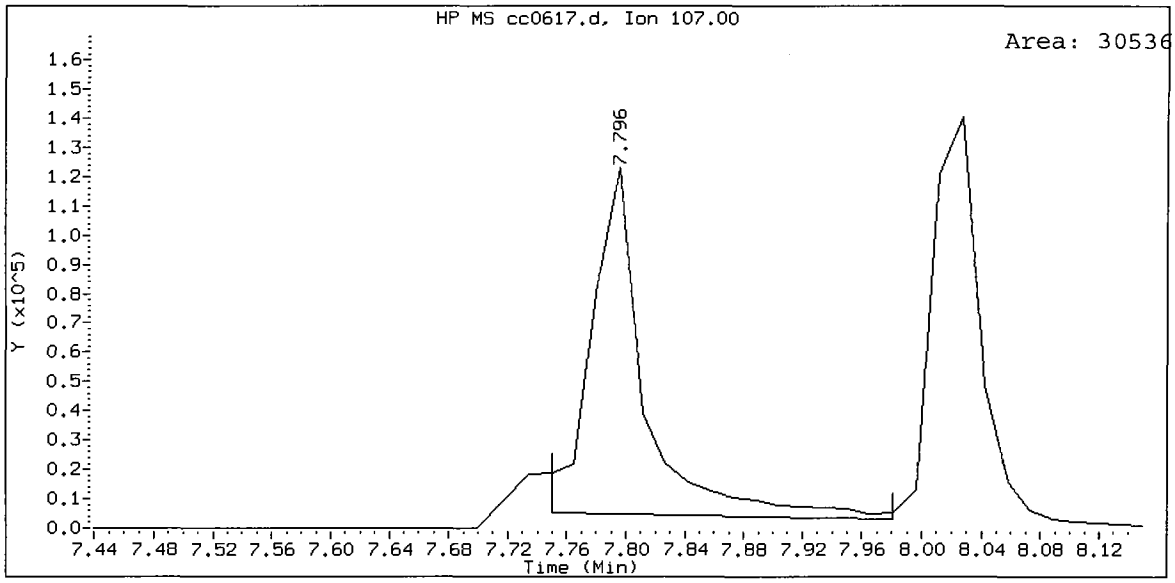
Operator: VTS
Column diameter: 0.32

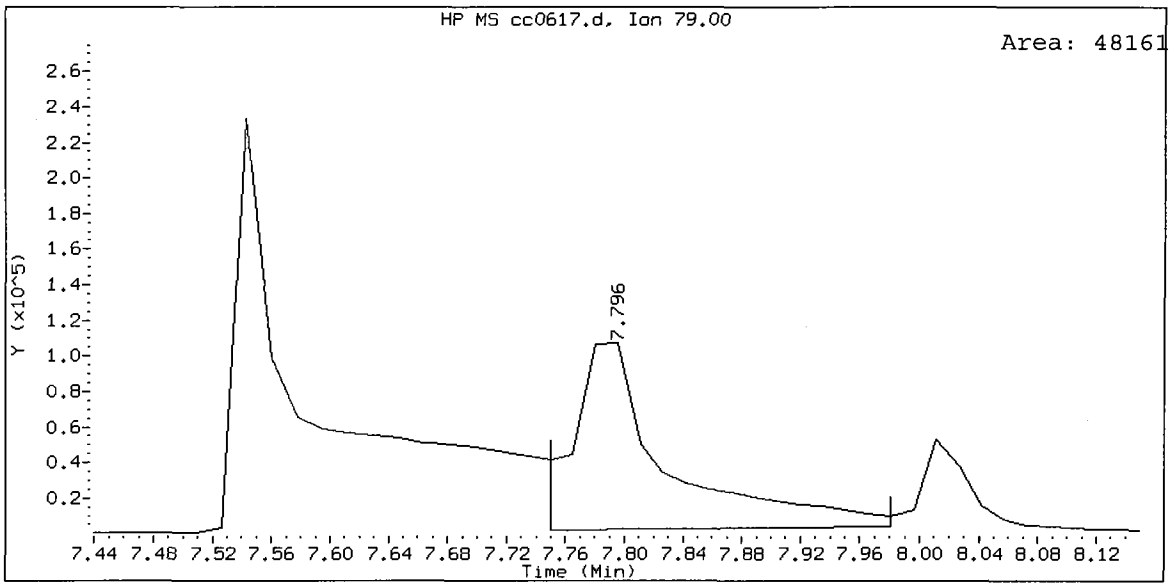
PB41:06621



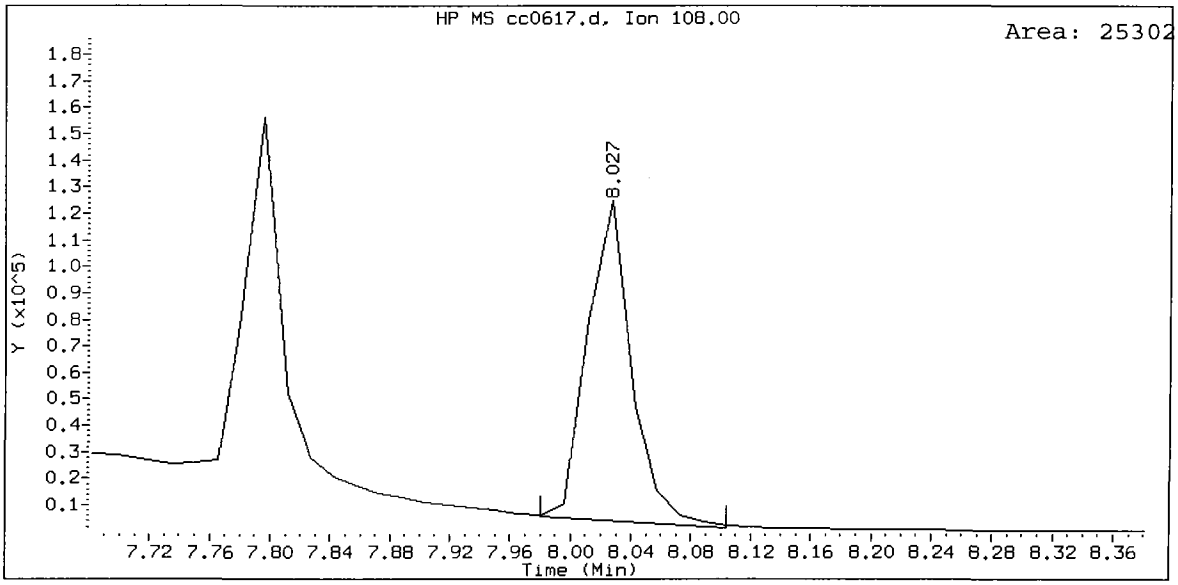
ABN 2.5, /chem3/nt2.i/20090617.b/cc0617.d
2-Methylphenol Amount: 2.59

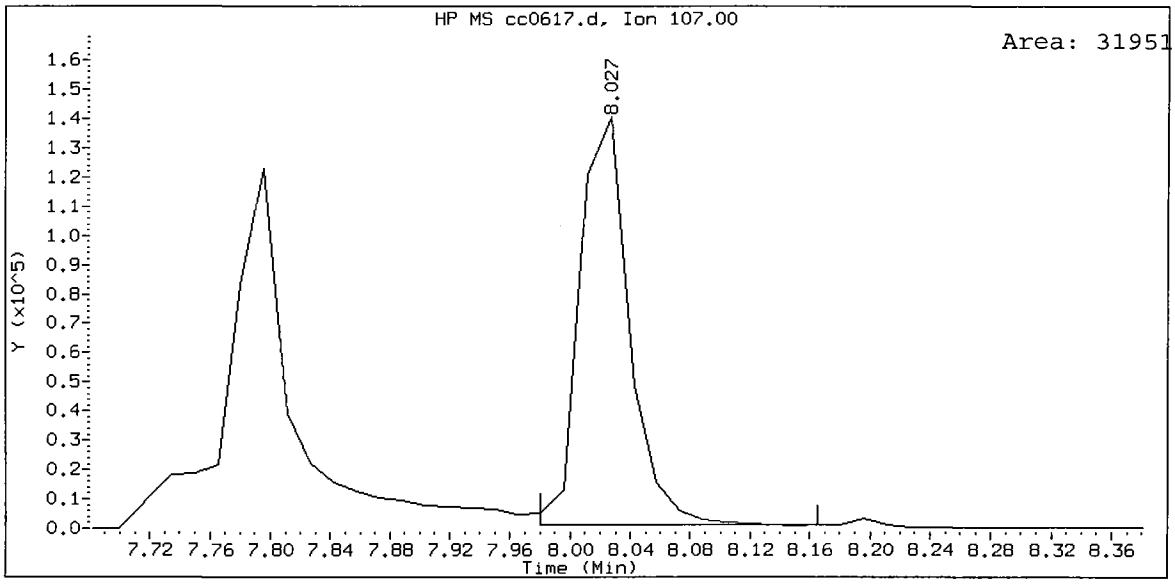


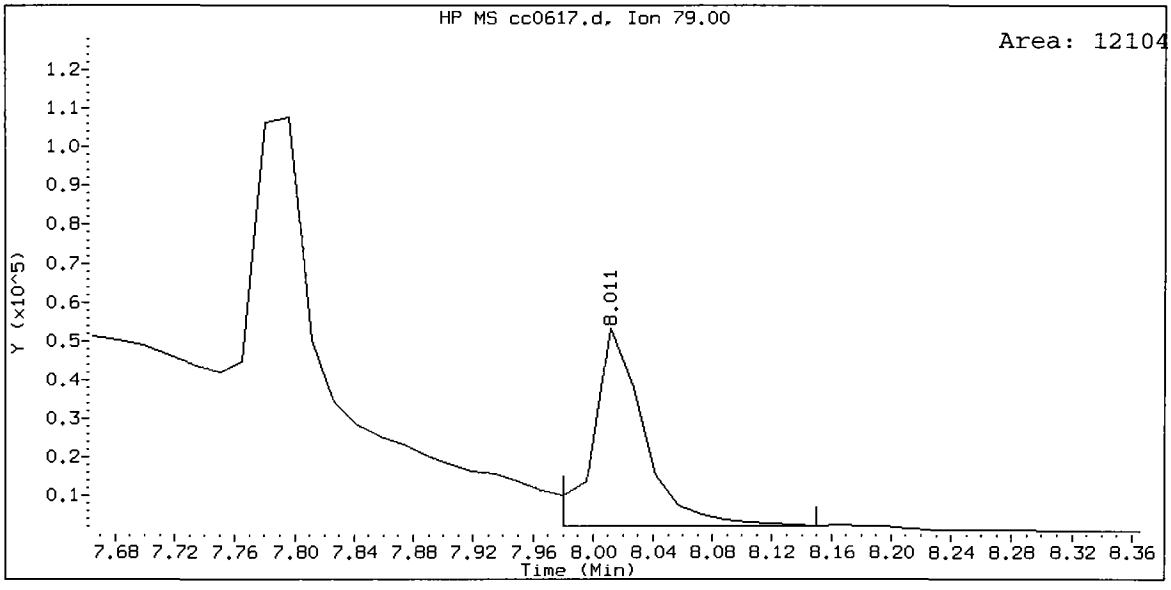




ABN 2.5, /chem3/nt2.i/20090617.b/cc0617.d
4-Methylphenol Amount: 2.68







SIM Semivolatile Analysis
QC Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

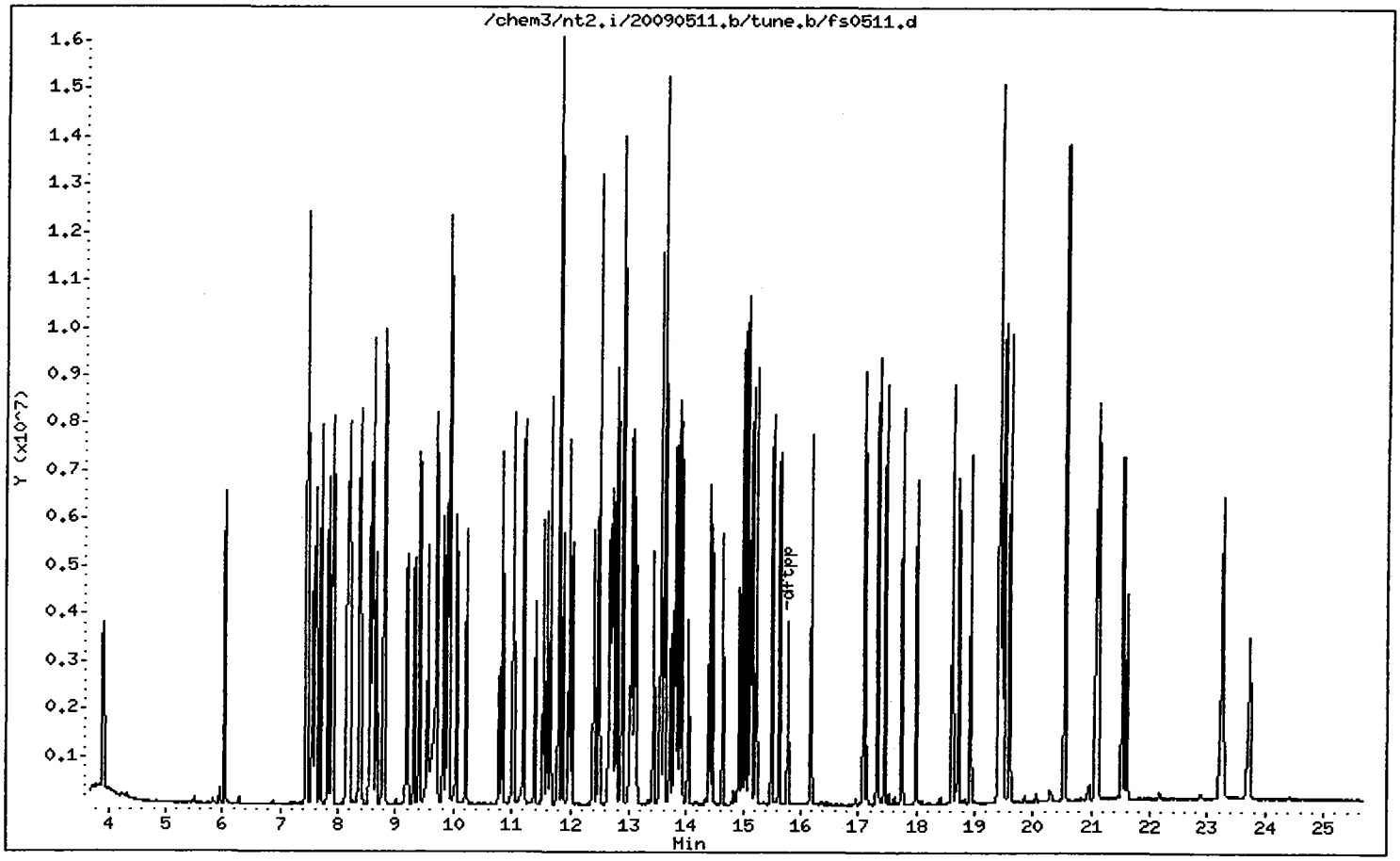
Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25



Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

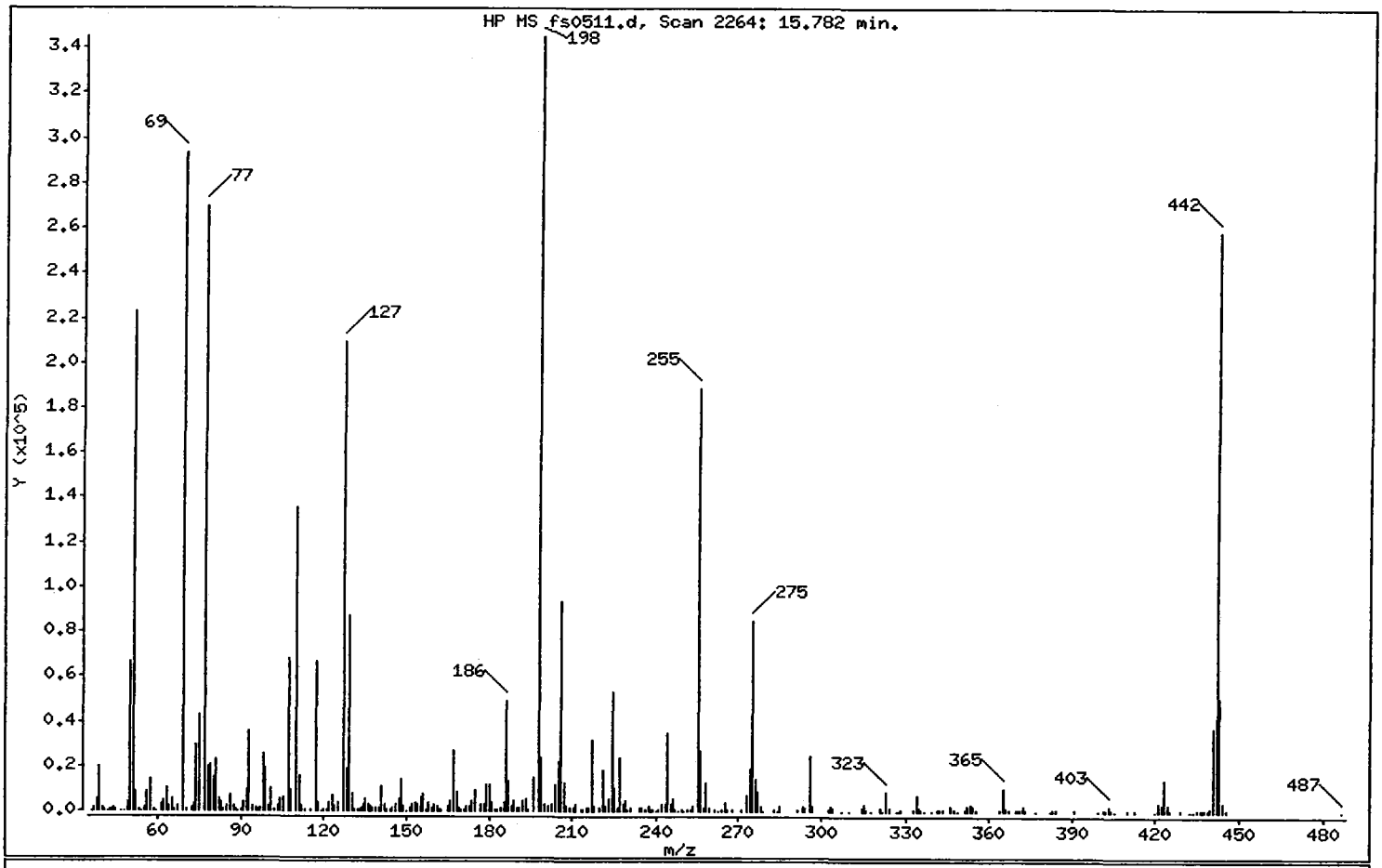
Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	64.58
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	85.08
70	Less than 2.00% of mass 69	0.17 (0.20)
127	25.00 - 75.00% of mass 198	60.74
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.82
275	10.00 - 30.00% of mass 198	24.57
365	Greater than 0.75% of mass 198	3.03
441	Present, but less than mass 443	10.81
442	40.00 - 110.00% of mass 198	74.90
443	15.00 - 24.00% of mass 442	14.66 (19.57)

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0511.d

Spectrum: HP MS fs0511.d, Scan 2264: 15.782 min.

Location of Maximum: 198.00

Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.90	242	121.10	553	202.90	3201	306.90	230
36.40	352	122.00	4019	204.10	11881	310.00	393
37.10	1858	123.00	6946	205.00	21960	314.20	1504
38.00	5783	124.00	2194	206.10	93448	315.00	2812
39.10	19680	125.00	4011	207.00	12521	316.00	684
40.00	1583	127.10	209536	207.90	2292	317.90	304
41.00	1187	128.00	19352	208.90	1202	320.90	1406
42.20	259	129.10	87392	210.30	1892	321.90	323
42.70	725	130.10	7806	211.00	3361	323.10	8511
43.20	425	131.00	1157	213.20	645	324.10	1709
44.20	1266	132.00	742	213.90	488	326.80	375
45.00	594	133.20	815	215.10	1681	327.40	270
46.90	357	133.70	1525	215.90	1368	328.10	629
48.20	306	134.30	3102	217.00	31456	332.70	812
49.10	3623	135.10	5870	218.00	2130	334.00	6757
50.10	66736	136.20	2885	220.00	1308	334.90	1278
51.10	222784	137.10	2508	221.10	18208	335.70	758
52.00	8783	137.80	1323	221.90	2747	337.00	356
53.10	1059	139.00	1942	223.00	5668	339.70	300
54.20	394	140.20	1802	224.10	53440	341.20	532
55.20	1861	141.10	10708	224.90	10055	341.80	605
56.00	8652	142.10	3304	226.00	1917	343.20	473
57.10	14587	143.00	1002	227.10	23504	345.90	2675
58.30	952	144.10	715	228.00	3170	347.10	555
59.00	384	144.90	1312	229.00	5011	348.50	254
61.00	3229	146.00	3225	229.90	424	351.00	477
62.00	4706	147.10	5754	231.10	1547	352.00	2426
63.00	10162	148.00	14243	234.00	1789	353.00	3168
64.10	2231	149.00	2575	235.00	1817	354.00	2298
65.10	5657	149.90	252	236.00	984	355.10	549
66.10	496	151.10	1611	237.20	2278	364.10	1078
67.10	2408	151.90	3027	238.40	498	365.00	10441
69.00	293504	153.00	3988	239.10	704	366.00	1307
70.60	595	154.00	2990	239.80	329	366.80	402
72.50	1340	155.10	6251	241.00	793	369.70	572

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0511.d
Spectrum: HP MS fs0511.d, Scan 2264: 15.782 min.
Location of Maximum: 198.00
Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.20	3309	156.10	8249	242.00	3325	370.60	501
74.00	29480	157.00	881	243.10	2867	371.00	742
75.00	42800	157.90	3733	244.00	34672	372.20	2723
77.10	269376	159.00	1922	245.10	3337	372.90	1094
78.00	20152	160.00	2860	246.10	5823	377.00	233
79.00	20832	161.00	2602	246.90	1150	382.50	274
80.00	15055	162.10	778	248.30	211	383.00	797
81.00	22800	162.80	1166	249.10	971	384.00	485
82.10	5194	165.00	2653	249.80	346	391.00	519
83.10	3707	166.00	4432	251.20	576	399.60	262
83.80	704	167.00	26640	251.60	448	401.10	437
85.10	2690	168.10	9100	252.60	595	401.90	515
86.00	7062	169.00	1776	253.40	2034	403.00	2570
87.20	2143	169.90	402	255.00	188928	403.80	446
87.90	783	171.00	613	256.00	26624	405.00	209
89.10	355	171.80	2535	257.20	1607	409.70	424
90.20	743	173.00	2547	258.00	12406	412.50	444
91.00	4234	174.00	5047	259.10	1855	419.70	299
92.10	9310	175.10	9293	261.10	561	421.00	4053
93.00	35680	177.10	3415	262.80	261	422.10	2941
93.90	2242	178.00	2858	263.80	470	423.00	14019
95.10	1543	179.00	12009	265.00	3931	424.10	2915
95.90	1102	180.10	11734	265.90	1007	425.10	567
96.80	1266	181.10	4010	267.80	810	429.20	520
98.00	25328	182.10	645	271.10	609	432.20	374
99.00	19152	182.70	779	273.00	7034	433.60	333
100.10	2235	184.10	1233	274.00	19304	435.00	903
101.00	10399	185.30	4308	275.00	84752	436.10	597
101.80	944	186.00	49320	276.00	14307	436.60	473
103.20	2351	187.10	13363	277.10	8742	437.40	743
104.00	5600	188.10	2534	278.00	2304	437.60	735
105.10	6596	189.00	4808	279.10	317	438.70	1007
107.10	68416	189.90	1292	283.00	990	439.60	1363
108.10	9502	190.80	1475	284.10	311	441.00	37280
110.00	136000	191.00	1404	285.00	2358	442.10	258368

Data File: /chem3/nt2.i/20090511.b/tune.b/fs0511.d

Date : 11-MAY-2009 11:13

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

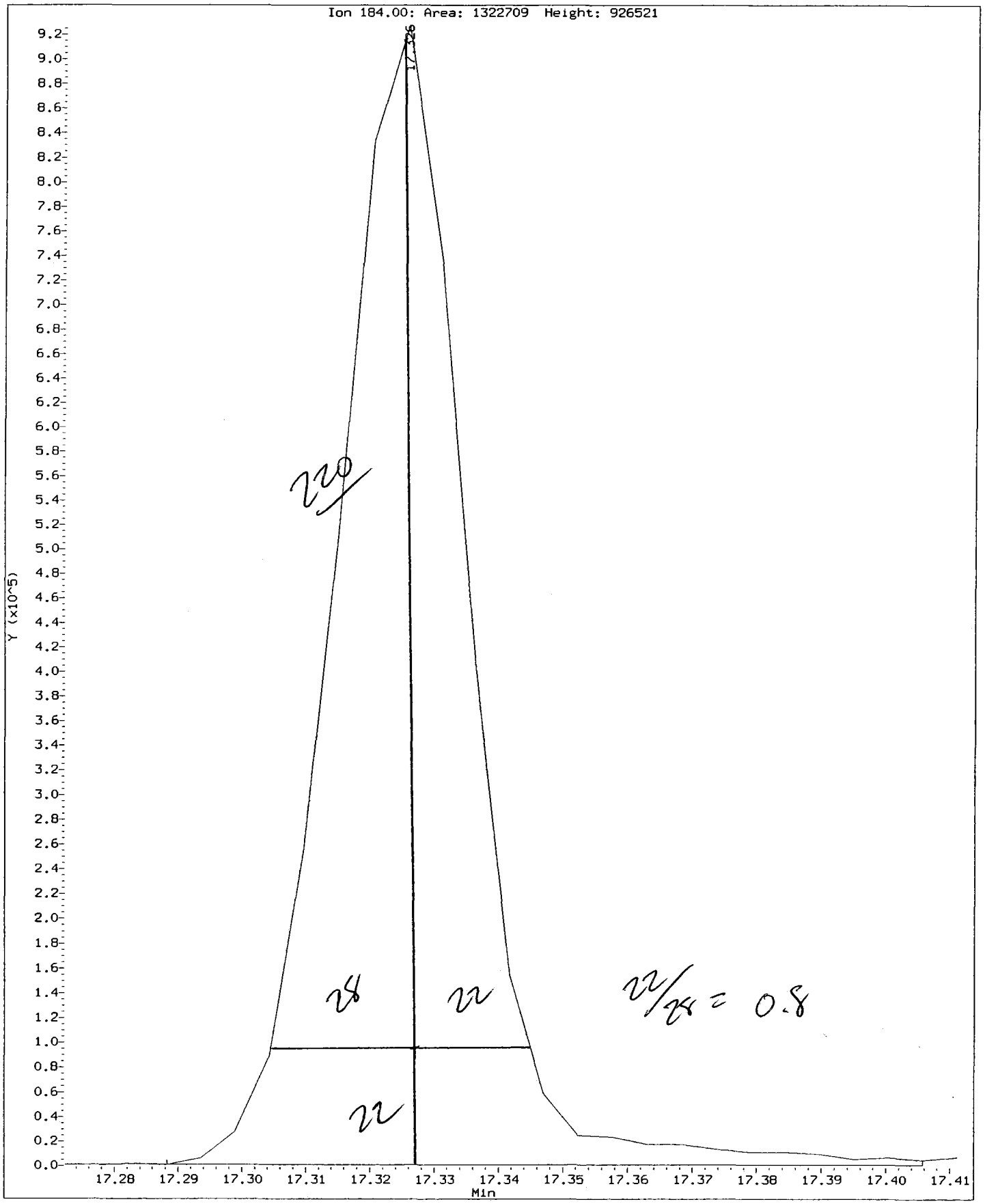
Column diameter: 0.25

Data File: fs0511.d
Spectrum: HP MS fs0511.d, Scan 2264: 15.782 min.
Location of Maximum: 198.00
Number of points: 308

m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.10	16060	192.00	5118	291.20	566	443.00	50560
112.10	2251	193.10	5630	293.10	2154	444.10	4069
112.90	944	194.00	1035	294.00	1373	445.10	745
115.20	439	196.00	14839	296.00	24712	487.10	235
117.00	66424	198.00	344960	297.00	2289		
118.00	4143	199.00	23528	302.50	979		
118.80	369	200.10	2820	303.00	2399		
120.00	515	201.40	2046	304.00	1871		

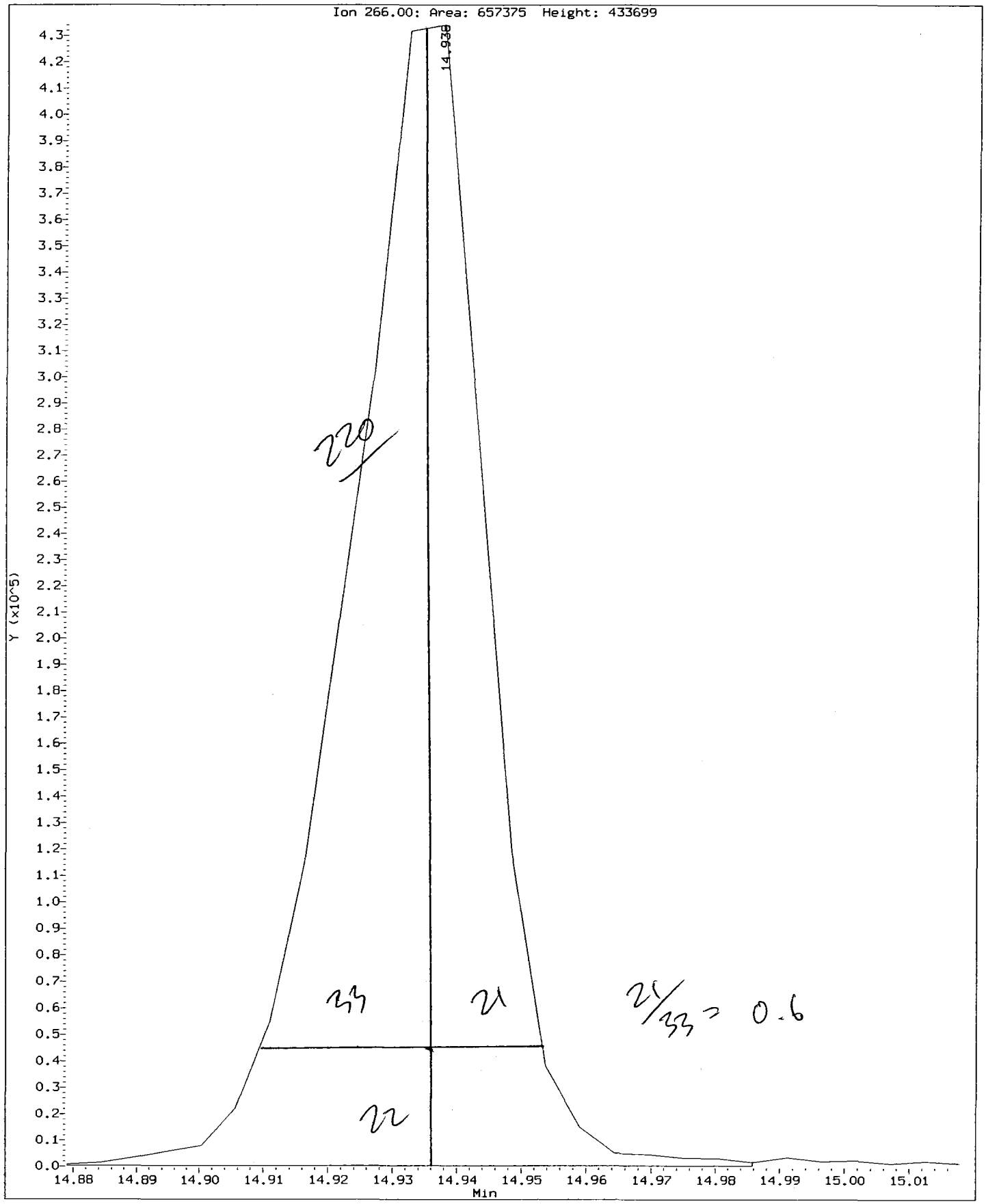
Data File: /chem3/nt2.i/20090511.b/ddt.b/fs0511.d
Injection Date: 11-MAY-2009 11:13
Instrument: nt2.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Data File: /chem3/nt2.i/20090511.b/ddt.b/fs0511.d
Injection Date: 11-MAY-2009 11:13
Instrument: nt2.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt2.i/20090511.b/ddt.b/fs0511.d ARI ID:
Method: /chem3/nt2.i/20090511.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 11-MAY-2009 11:13 Instrument: nt2.i

COMPOUND	RT	AREA
Pentachlorophenol	14.938	657375
Benzidine	17.326	1322709
4,4'-DDE	----	----
4,4'-DDD	----	----
4,4'-DDT	18.725	1633024

$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(\ 0 + 0) * 100}{(\ 0 + 0 + 1633024)}$$

DDT Percent Breakdown = 0.0 %

Data File: /chem3/nt2.i/20090616.b/tune.b/fs0616.d

Date : 16-JUN-2009 10:03

Client ID:

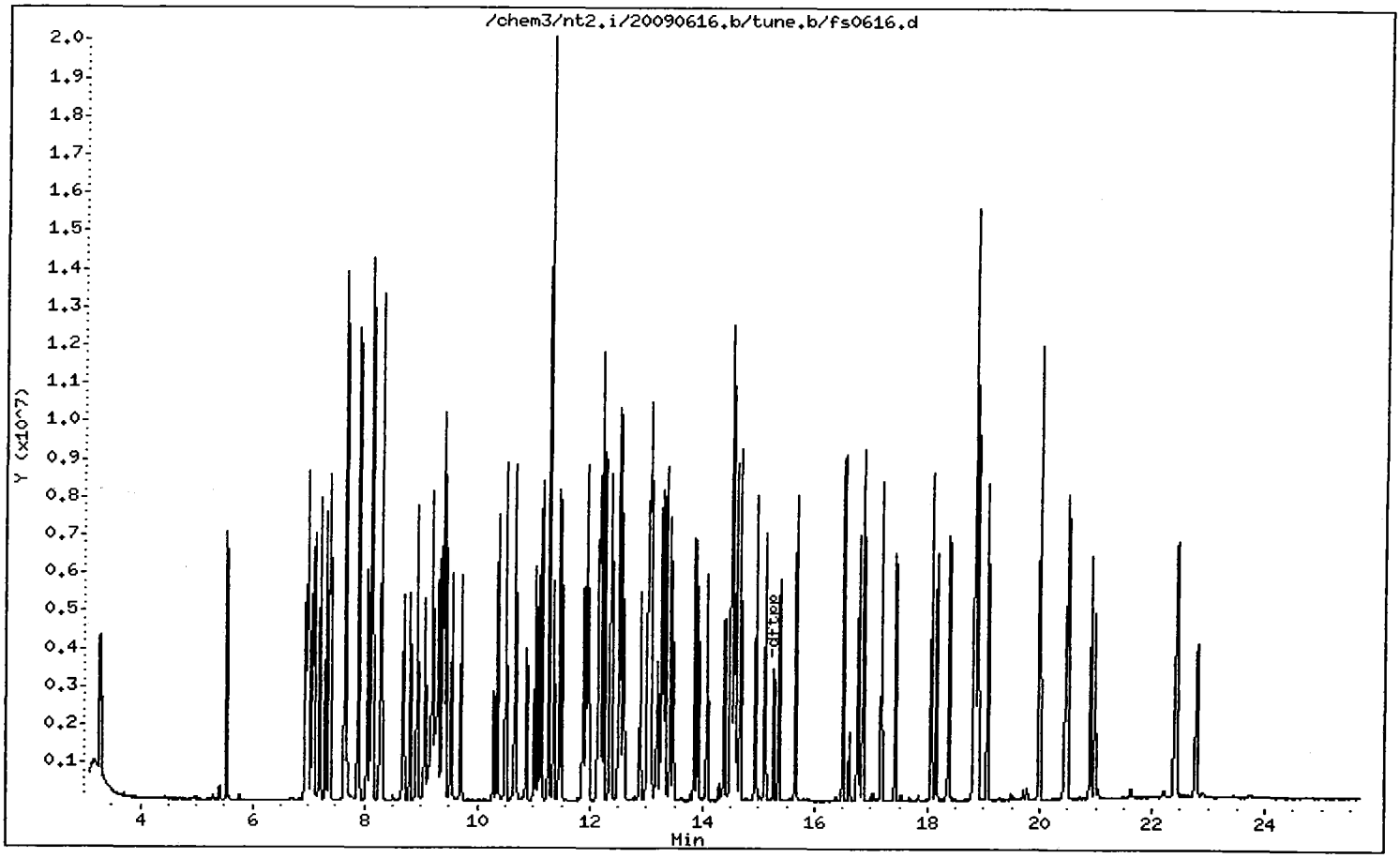
Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25



Data File: /chem3/nt2.i/20090616.b/tune.b/fs0616.d

Date : 16-JUN-2009 10:03

Client ID:

Instrument: nt2.i

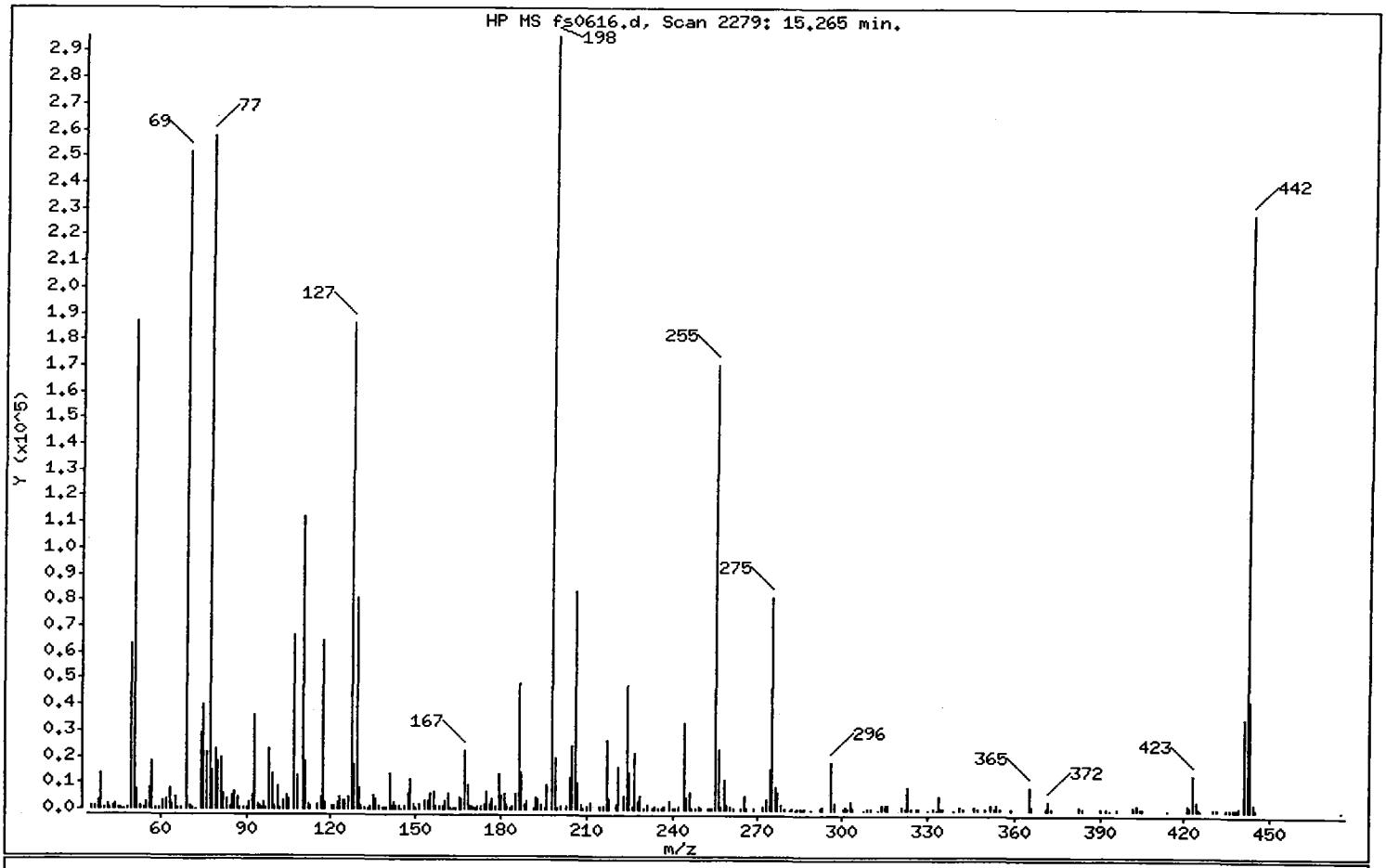
Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	63.30
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	85.07
70	Less than 2.00% of mass 69	0.52 (0.61)
127	25.00 - 75.00% of mass 198	63.10
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.66
275	10.00 - 30.00% of mass 198	27.53
365	Greater than 0.75% of mass 198	2.88
441	Present, but less than mass 443	11.89
442	40.00 - 110.00% of mass 198	77.34
443	15.00 - 24.00% of mass 442	14.24 (18.41)

Data File: /chem3/nt2.i/20090616.b/tune.b/fs0616.d

Date : 16-JUN-2009 10:03

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0616.d

Spectrum: HP MS fs0616.d, Scan 2279: 15.265 min.

Location of Maximum: 198.00

Number of points: 309

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.40	1111	120.10	1382	196.00	9287	296.00	18280
37.10	1466	121.20	1039	198.00	295744	297.00	2728
38.10	3575	122.00	3010	199.00	19688	297.60	807
39.10	13419	123.10	4959	199.90	883	300.40	657
40.10	923	123.90	3175	201.10	1506	300.90	1325
41.20	2133	125.10	3166	201.40	1356	301.80	414
42.10	944	126.00	4566	202.90	1448	303.00	3211
43.20	1253	127.10	186624	204.10	11900	304.00	983
44.10	2004	128.10	16952	205.10	24600	307.50	215
45.00	576	129.00	81136	206.00	83416	308.80	414
45.70	695	130.00	7831	207.00	10308	309.90	664
46.90	336	130.70	1195	208.00	1708	313.00	265
47.50	246	131.80	854	209.10	594	314.10	1883
48.30	895	132.00	972	210.20	1298	315.10	2292
50.10	63168	133.10	794	211.10	2666	316.00	2000
51.10	187200	134.10	1273	214.90	1556	321.00	1071
52.00	7698	135.10	5305	215.80	1389	322.00	517
53.10	1074	135.90	3802	217.00	26336	323.00	8654
54.00	692	137.00	1696	218.00	4170	324.20	638
55.10	2800	138.00	883	220.10	2137	326.10	342
56.00	8090	138.80	736	221.00	16544	326.80	727
57.00	18368	139.70	732	223.00	5533	329.90	206
58.10	820	141.00	13316	224.00	47760	331.90	468
59.10	613	141.70	1680	225.00	13970	333.00	207
61.00	3546	142.10	2484	226.10	1343	334.10	5359
62.20	4001	142.90	1542	227.00	21728	334.70	666
63.00	8284	143.90	1025	227.90	3559	335.00	707
64.10	2154	144.80	318	228.90	5133	339.20	208
65.00	4842	145.90	1289	230.00	470	341.20	1253
66.00	653	147.00	6342	231.00	2096	342.10	626
66.80	824	148.00	11770	233.10	945	345.90	1682
69.00	251584	149.10	1866	234.00	1562	347.20	427
70.20	1527	150.10	808	235.00	920	350.00	398
70.80	710	151.00	1777	236.10	831	352.00	2180
72.10	276	153.00	3180	236.90	1175	352.90	659

Data File: /chem3/nt2.i/20090616.b/tune.b/fs0616.d

Date : 16-JUN-2009 10:03

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0616.d

Spectrum: HP MS fs0616.d, Scan 2279: 15.265 min.

Location of Maximum: 198.00

Number of points: 309

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.10	29496	154.00	3334	239.00	3351	354.00	1973
75.00	39912	155.10	6278	240.20	506	354.90	348
76.00	21600	156.10	7127	241.00	889	359.00	735
77.10	257600	157.00	1295	242.10	1626	365.00	8508
78.10	14742	158.10	1251	244.10	33176	365.90	1318
79.00	23120	159.20	1438	245.00	4791	371.30	504
80.10	18160	160.00	3326	246.10	6815	372.00	3218
81.00	19472	161.10	6084	246.80	554	372.80	943
82.10	6075	162.10	727	248.10	649	382.80	1227
82.90	4226	162.80	305	249.30	1081	383.70	494
84.10	1166	163.40	415	249.90	435	390.00	990
85.00	5193	164.00	717	252.10	946	392.00	709
85.90	6867	165.00	4488	253.10	633	393.60	239
86.90	4478	166.10	3815	253.70	991	395.80	379
87.90	911	167.00	22312	255.00	170496	402.00	1123
89.10	871	168.10	9438	256.00	23336	403.20	1951
90.00	441	168.80	1568	257.00	1613	404.10	793
91.00	2473	169.90	1507	258.00	11861	405.30	361
92.10	5684	170.60	960	259.00	1921	414.30	223
93.00	35920	170.80	814	259.90	1262	421.00	1790
93.90	2110	171.90	1583	261.10	395	421.90	1197
94.90	1301	172.90	1552	264.10	659	423.00	13929
95.50	500	174.10	2198	265.10	5619	424.20	3520
96.10	2748	175.10	6761	266.00	999	424.90	528
96.80	812	176.00	1921	268.30	372	425.60	273
98.00	23040	177.00	4299	271.90	1532	429.80	946
99.00	13586	178.20	1225	273.00	4127	430.30	427
99.90	1252	179.00	13499	274.00	15951	431.60	620
101.10	8534	180.00	5703	275.00	81416	434.70	463
102.00	783	181.10	6000	276.00	8928	435.50	519
103.00	3239	182.20	1830	277.00	6585	437.10	394
104.00	5121	183.20	587	277.90	1805	438.00	573
105.00	4150	184.10	1404	279.20	370	438.50	751
107.00	66960	185.00	6208	281.00	297	439.30	1441
108.10	12883	186.10	47960	282.10	518	441.00	35176

Data File: /chem3/nt2.i/20090616.b/tune.b/fs0616.d

Date : 16-JUN-2009 10:03

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0616.d

Spectrum: HP MS fs0616.d, Scan 2279: 15.265 min.

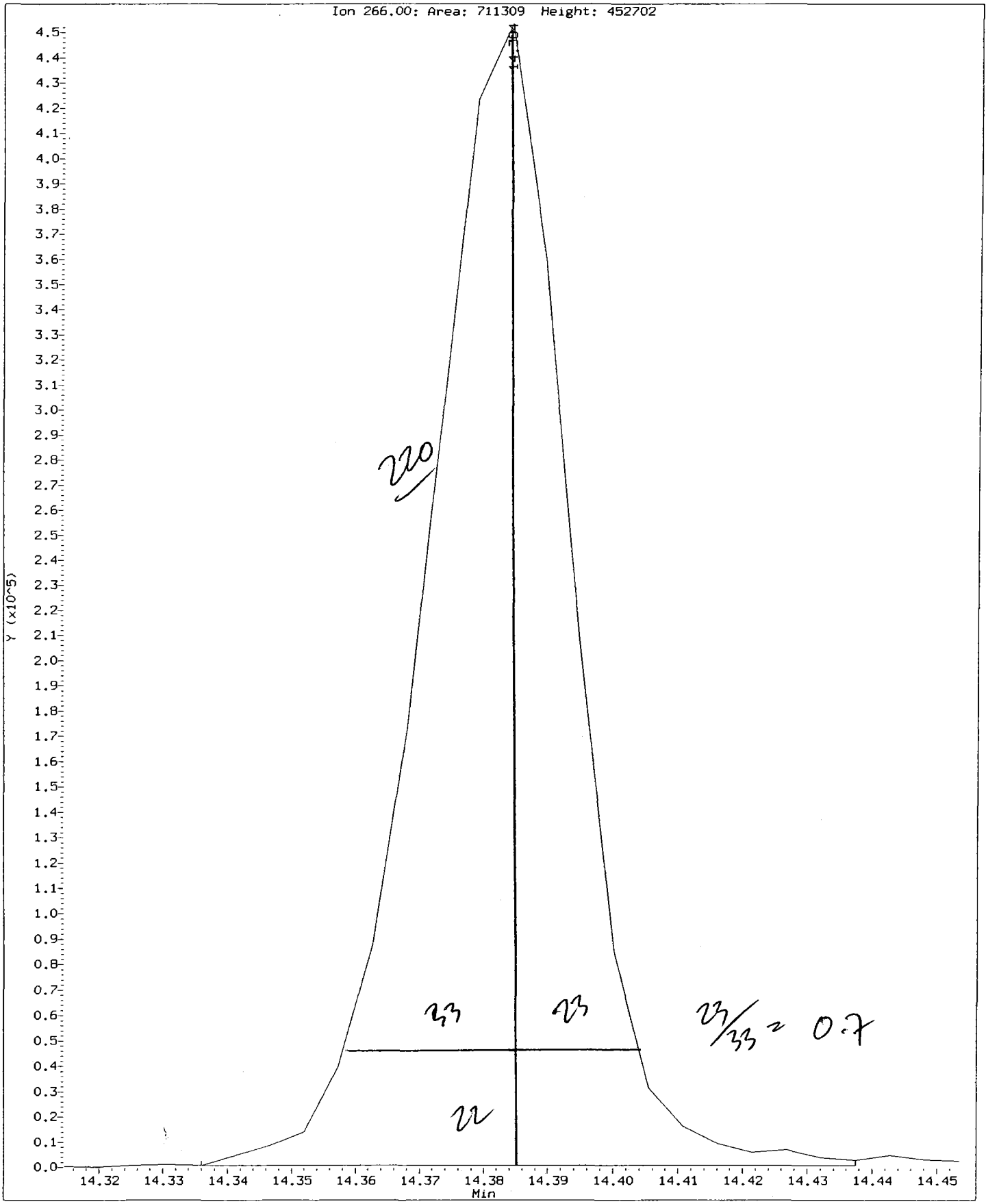
Location of Maximum: 198.00

Number of points: 309

m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	112504	187.00	14389	283.20	205	442.00	228736
111.00	18456	188.30	1751	284.00	642	443.10	42104
111.80	2218	189.10	3737	284.80	1015	444.00	2611
112.80	1457	191.20	664	285.90	325	444.70	1018
114.90	2361	192.10	5033	286.40	430	475.20	275
116.20	5042	193.10	4038	289.00	205		
117.00	64576	194.10	1816	291.90	359		
118.00	2966	195.10	363	293.10	1604		

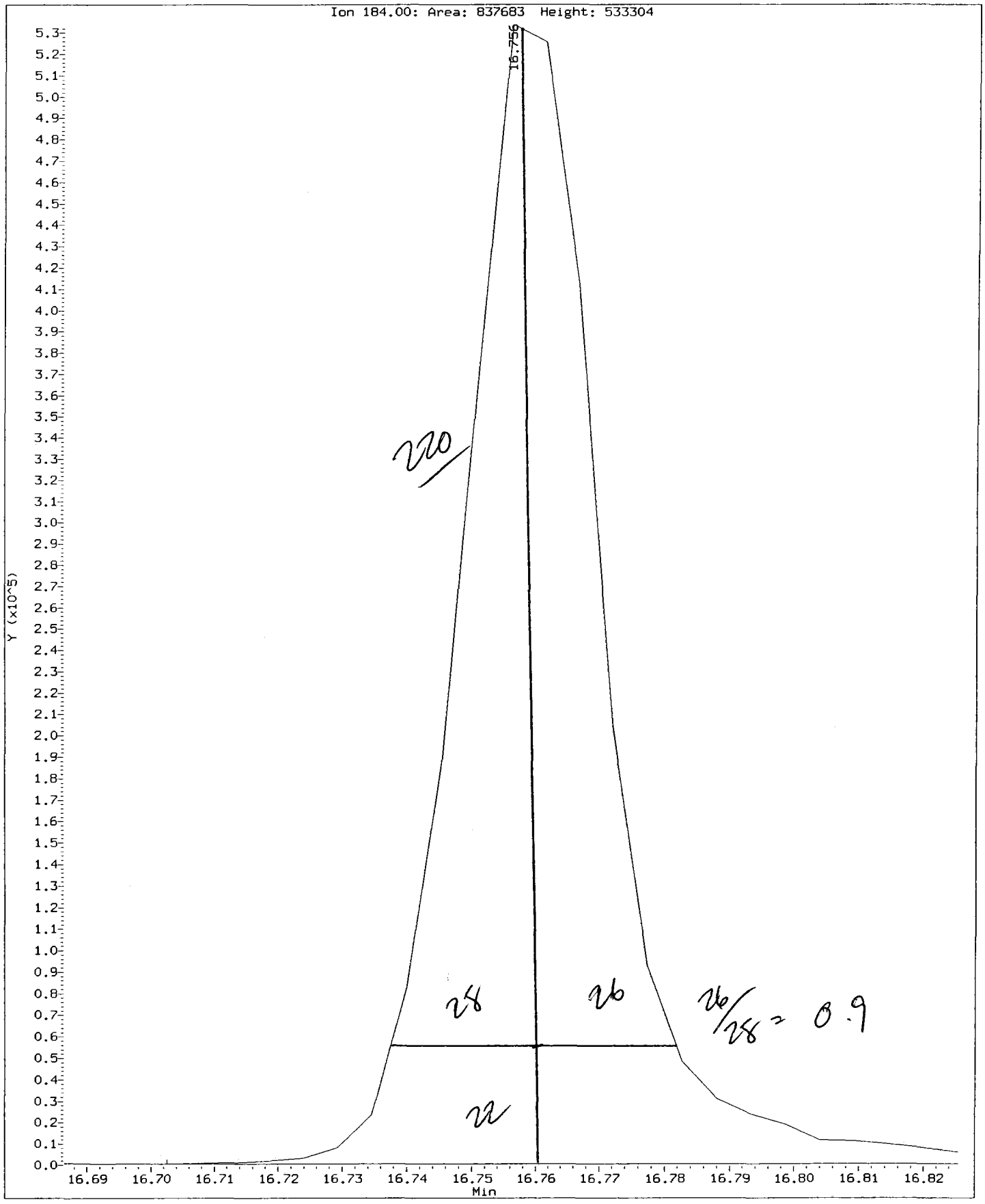
Data File: /chem3/nt2.i/20090616.b/ddt.b/fs0616.d
Injection Date: 16-JUN-2009 10:03
Instrument: nt2.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt2.i/20090616.b/ddt.b/fs0616.d
Injection Date: 16-JUN-2009 10:03
Instrument: nt2.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt2.i/20090616.b/ddt.b/fs0616.d ARI ID:
Method: /chem3/nt2.i/20090616.b/ddt.b/sw846ddt.m Misc:
Analysis Date: 16-JUN-2009 10:03 Instrument: nt2.i

COMPOUND	RT	AREA
Pentachlorophenol	14.384	711309
Benzidine	16.756	837683
4,4'-DDE	----	----
4,4'-DDD	17.824	926
4,4'-DDT	18.156	1578285

$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 926) * 100}{(0 + 926 + 1578285)}$$

DDT Percent Breakdown = 0.1 %

Data File: /chem3/nt2.i/20090617.b/tune.b/fs0617.d

Date : 17-JUN-2009 10:21

Client ID:

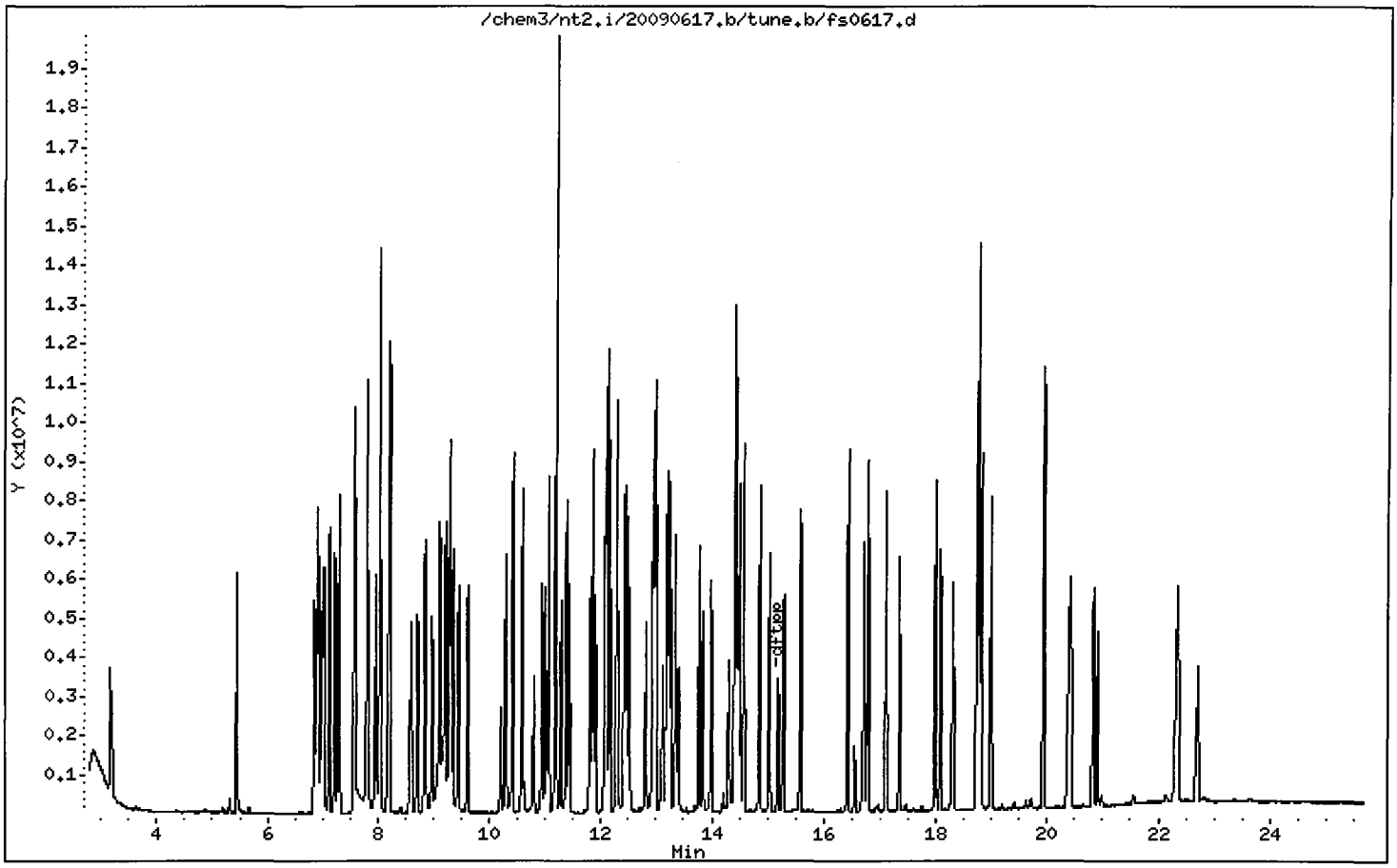
Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25



Data File: /chem3/nt2.i/20090617.b/tune.b/fs0617.d

Date : 17-JUN-2009 10:21

Client ID:

Instrument: nt2.i

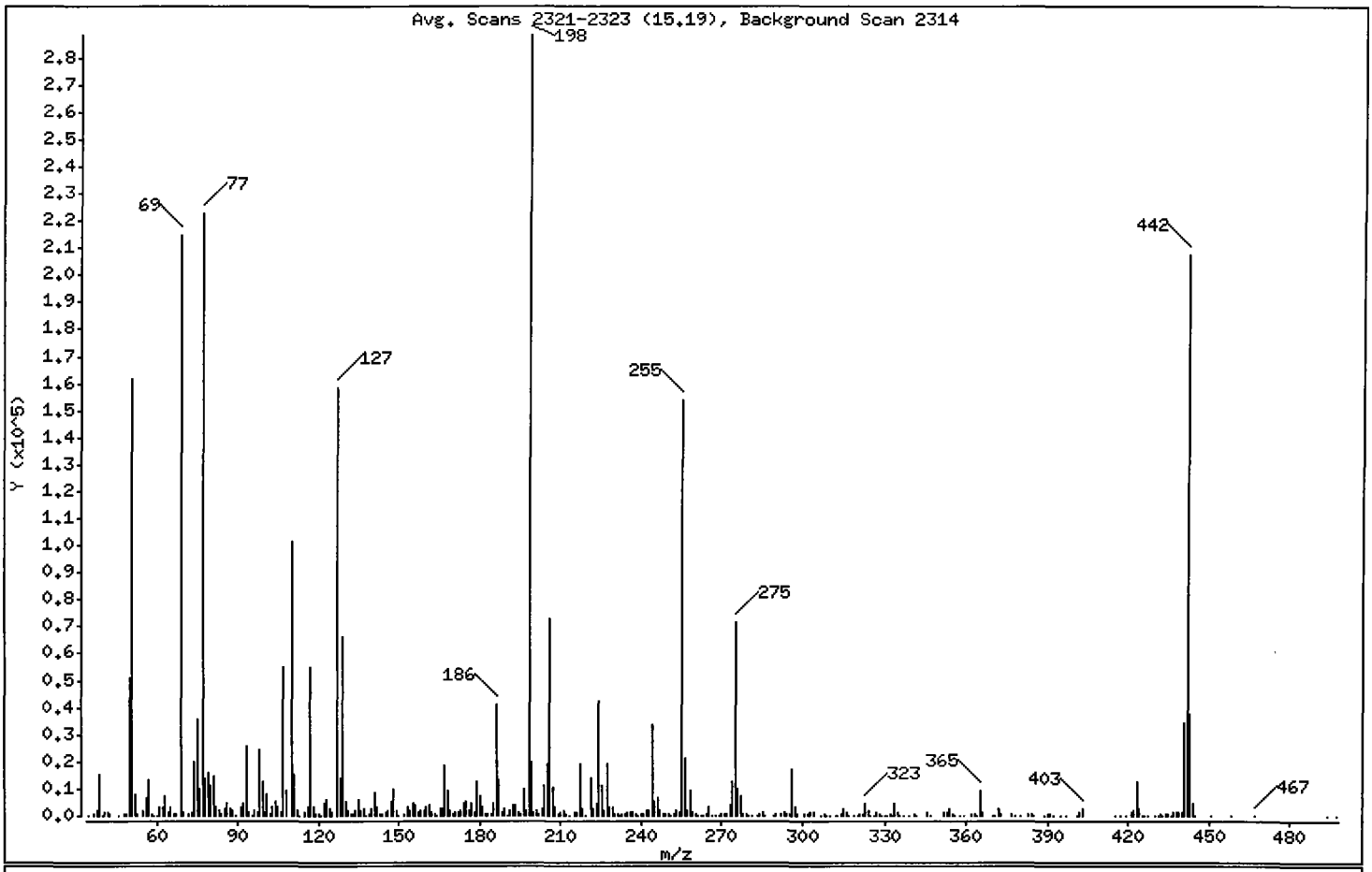
Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	56.07
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	74.52
70	Less than 2.00% of mass 69	0.40 (0.53)
127	25.00 - 75.00% of mass 198	54.89
197	Less than 1.00% of mass 198	0.69
199	5.00 - 9.00% of mass 198	6.86
275	10.00 - 30.00% of mass 198	24.85
365	Greater than 0.75% of mass 198	3.30
441	Present, but less than mass 443	11.90
442	40.00 - 110.00% of mass 198	72.01
443	15.00 - 24.00% of mass 442	13.16 (18.27)

Data File: /chem3/nt2.i/20090617.b/tune.b/fs0617.d

Date : 17-JUN-2009 10:21

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0617.d

Spectrum: Avg. Scans 2321-2323 (15.19), Background Scan 2314

Location of Maximum: 198.00

Number of points: 345

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	156	133.00	343	223.00	4700	321.00	892
37.00	808	134.00	2159	224.00	42200	322.00	520
38.00	2304	135.00	6090	225.00	10993	323.00	4831
39.00	15014	136.00	2300	226.00	1759	324.00	1680
40.00	235	137.00	2931	227.00	18936	325.00	113
41.00	1284	138.00	216	228.00	3143	326.00	324
42.00	1101	139.00	853	229.00	3503	327.00	1403
43.00	978	140.00	2341	230.00	450	328.00	358
46.00	80	141.00	8924	231.00	936	329.00	123
48.00	496	142.00	3000	232.00	277	330.00	71
49.00	767	143.00	737	233.00	881	331.00	145
50.00	50728	144.00	755	234.00	826	332.00	716
51.00	161664	145.00	1208	235.00	1407	333.00	205
52.00	8046	146.00	2088	236.00	1442	334.00	4585
53.00	385	147.00	5459	237.00	1592	335.00	1329
55.00	1722	148.00	10148	238.00	653	336.00	244
56.00	6448	149.00	2066	239.00	256	337.00	329
57.00	13121	150.00	287	240.00	699	339.00	159
58.00	748	152.00	799	241.00	902	341.00	482
59.00	286	153.00	3549	242.00	1782	342.00	158
60.00	221	154.00	2099	243.00	1793	346.00	1469
61.00	3221	155.00	4661	244.00	33848	347.00	160
62.00	3017	156.00	4253	245.00	5373	352.00	1070
63.00	7245	157.00	1558	246.00	6586	353.00	1589
64.00	1364	158.00	2123	247.00	1737	354.00	2527
65.00	3275	159.00	2052	248.00	644	355.00	401
66.00	387	160.00	3229	249.00	913	356.00	185
67.00	396	161.00	3884	250.00	377	358.00	79
69.00	214848	162.00	1161	251.00	259	359.00	120
70.00	1148	163.00	383	252.00	782	362.00	337
72.00	385	164.00	185	253.00	1662	363.00	441
73.00	1653	165.00	2647	254.00	1125	364.00	216
74.00	19592	166.00	2957	255.00	153984	365.00	9529
75.00	36072	167.00	18408	256.00	20888	366.00	1081
76.00	9878	168.00	9269	257.00	1900	370.00	140

Date : 17-JUN-2009 10:21

Client ID: Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase: Column diameter: 0.25

Data File: fs0617.d
Spectrum: Avg. Scans 2321-2323 (15.19), Background Scan 2314
Location of Maximum: 198.00
Number of points: 345

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	222592	169.00	1993	258.00	9508	371.00	192
78.00	13965	170.00	722	259.00	1216	372.00	2710
79.00	15963	171.00	1013	260.00	368	373.00	774
80.00	11363	172.00	1612	261.00	221	377.00	492
81.00	14444	173.00	1660	262.00	69	378.00	197
82.00	3340	174.00	4558	263.00	133	380.00	106
83.00	2167	175.00	5601	264.00	332	383.00	687
84.00	440	176.00	1869	265.00	3334	384.00	405
85.00	2760	177.00	4512	266.00	281	385.00	133
86.00	4929	178.00	1195	268.00	114	389.00	105
87.00	2700	179.00	12622	269.00	103	390.00	738
88.00	1875	180.00	7211	270.00	343	391.00	400
89.00	306	181.00	3217	271.00	680	392.00	139
91.00	3285	182.00	565	272.00	680	395.00	188
92.00	4401	183.00	347	273.00	3916	397.00	99
93.00	25800	184.00	969	274.00	12585	401.00	94
94.00	1030	185.00	4930	275.00	71664	402.00	1507
95.00	151	186.00	41264	276.00	10251	403.00	2972
96.00	2036	187.00	13340	277.00	7392	415.00	106
97.00	1453	188.00	1420	278.00	724	417.00	83
98.00	24296	189.00	2691	279.00	560	419.00	152
99.00	12545	190.00	292	280.00	225	421.00	1166
100.00	1291	191.00	1866	281.00	93	422.00	1832
101.00	8007	192.00	3941	283.00	114	423.00	12576
102.00	871	193.00	4275	284.00	361	424.00	2697
103.00	3425	194.00	1334	285.00	1112	425.00	67
104.00	5005	195.00	506	286.00	143	426.00	164
105.00	3399	196.00	9967	289.00	92	427.00	125
106.00	1252	197.00	1996	290.00	364	430.00	186
107.00	54968	198.00	288320	292.00	441	431.00	171
108.00	9219	199.00	19792	293.00	1555	432.00	356
110.00	101440	200.00	1225	294.00	403	433.00	213
111.00	14929	201.00	1781	295.00	465	434.00	737
112.00	2075	202.00	492	296.00	17464	435.00	558
113.00	284	203.00	2413	297.00	3301	436.00	210

Data File: /chem3/nt2.i/20090617.b/tune.b/fs0617.d

Date : 17-JUN-2009 10:21

Client ID:

Instrument: nt2.i

Sample Info: ABN 25

Operator: VTS

Column phase:

Column diameter: 0.25

Data File: fs0617.d

Spectrum: Avg. Scans 2321-2323 (15.19), Background Scan 2314

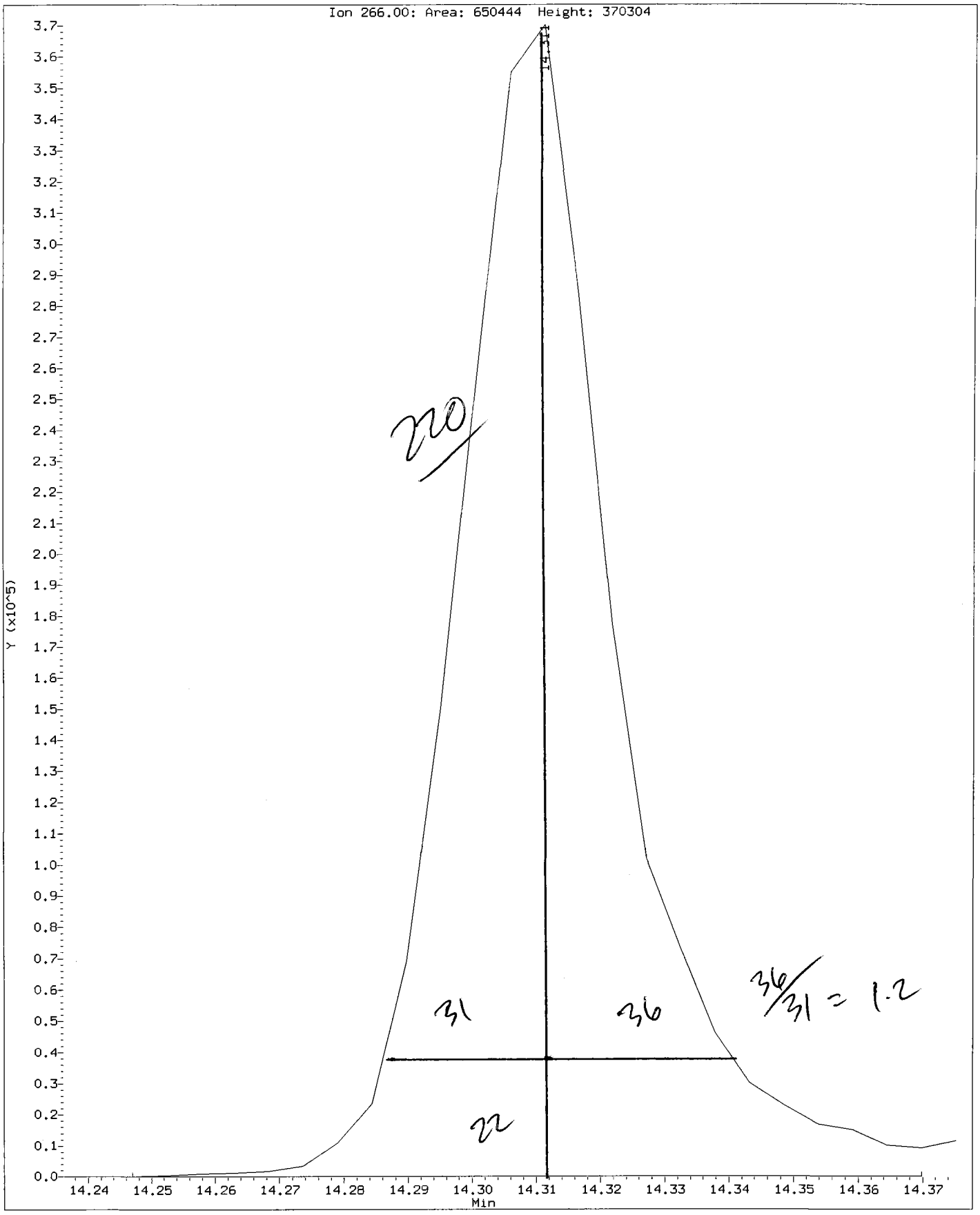
Location of Maximum: 198.00

Number of points: 345

m/z	Y	m/z	Y	m/z	Y	m/z	Y
115.00	1181	204.00	11398	298.00	340	437.00	1206
116.00	3095	205.00	19264	301.00	356	438.00	1654
117.00	55328	206.00	72976	302.00	400	439.00	1405
118.00	3440	207.00	10837	303.00	1617	440.00	1634
119.00	866	208.00	3361	304.00	1000	441.00	34304
120.00	534	209.00	978	307.00	194	442.00	207616
121.00	322	210.00	1231	308.00	504	443.00	37944
122.00	4759	211.00	2117	309.00	252	444.00	4556
123.00	5780	212.00	683	310.00	227	445.00	138
124.00	2716	213.00	103	312.00	195	451.00	113
125.00	1388	215.00	1445	313.00	317	458.00	122
127.00	158208	216.00	1611	314.00	880	467.00	88
128.00	13643	217.00	19096	315.00	2641	494.00	69
129.00	66376	218.00	2954	316.00	1282	497.00	78
130.00	5090	219.00	95	317.00	207		
131.00	1674	221.00	14158	319.00	87		
132.00	897	222.00	2329	320.00	146		

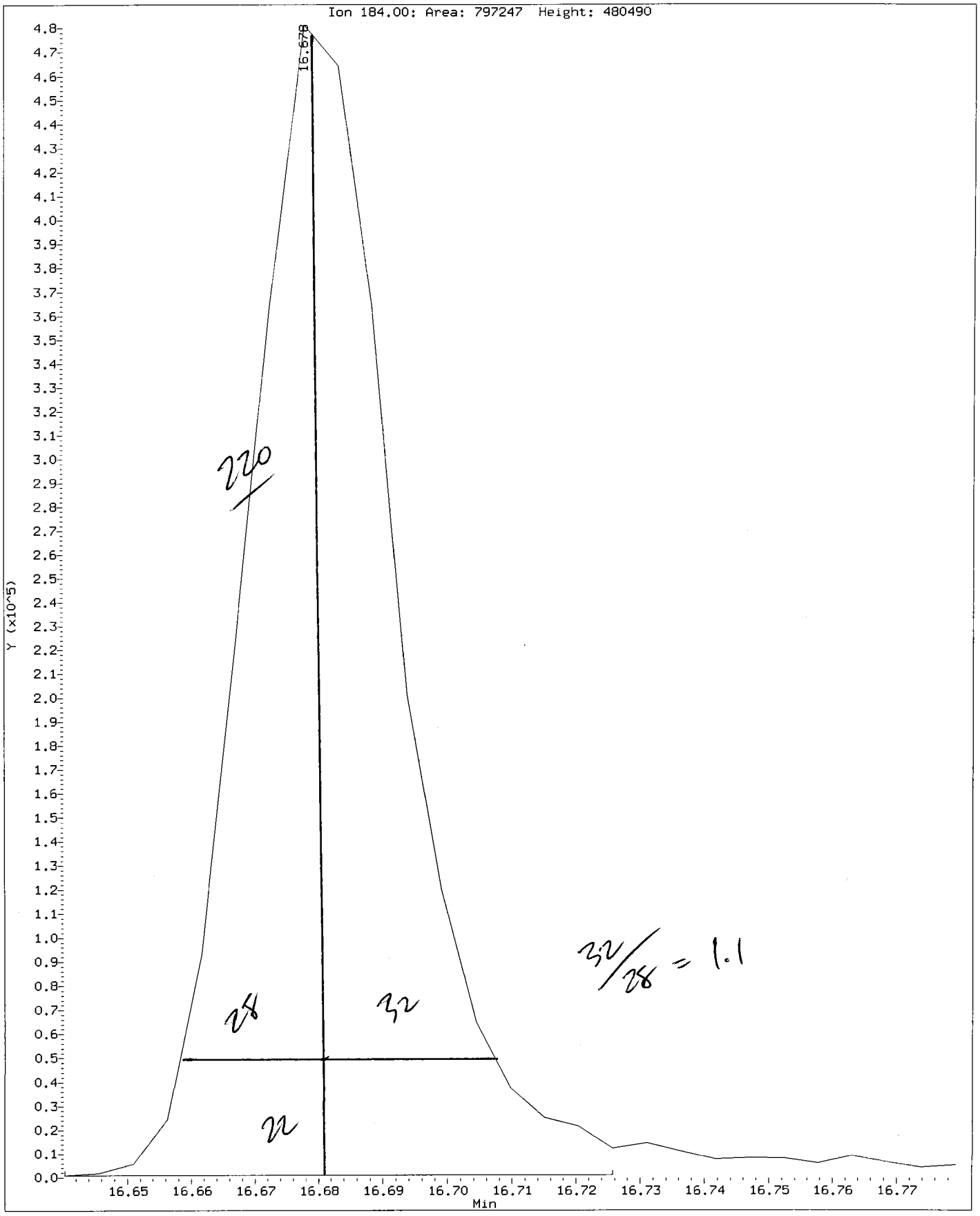
Data File: /chem3/nt2.i/20090617.b/ddt.b/fs0617.d
Injection Date: 17-JUN-2009 10:21
Instrument: nt2.i
Client Sample ID:

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem3/nt2.i/20090617.b/ddt.b/fs0617.d
Injection Date: 17-JUN-2009 10:21
Instrument: nt2.i
Client Sample ID:

Compound: Benzidine
CAS Number:



Analytical Resources Inc.
ABN by sw846 8270C
DDT Breakdown Report

Data file: /chem3/nt2.i/20090617.b/ddt.b/fs0617.d
Method: /chem3/nt2.i/20090617.b/ddt.b/sw846ddt.m
Analysis Date: 17-JUN-2009 10:21

ARI ID:
Misc:
Instrument: nt2.i

COMPOUND	RT	AREA
Pentachlorophenol	14.311	650443
Benzidine	16.678	797246
4,4'-DDE	----	----
4,4'-DDD	17.602	14052
4,4'-DDT	18.077	1634688

$$\text{DDT Percent Breakdown} = \frac{(\text{DDE Area} + \text{DDD Area}) * 100}{(\text{DDE Area} + \text{DDD Area} + \text{DDT Area})}$$

$$\text{DDT Percent Breakdown} = \frac{(0 + 14052) * 100}{(0 + 14052 + 1634688)}$$

DDT Percent Breakdown = 0.9 %

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: MB-060909**
Page 1 of 1 **METHOD BLANK**

Lab Sample ID: MB-060909
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Date Extracted: 06/09/09
Date Analyzed: 06/17/09 13:14
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.2	< 6.2 U
106-46-7	1,4-Dichlorobenzene	6.2	< 6.2 U
120-82-1	1,2,4-Trichlorobenzene	6.2	< 6.2 U
118-74-1	Hexachlorobenzene	6.2	< 6.2 U
87-68-3	Hexachlorobutadiene	6.2	< 6.2 U
131-11-3	Dimethylphthalate	16	< 16 U
85-68-7	Butylbenzylphthalate	16	< 16 U
95-48-7	2-Methylphenol	6.2	< 6.2 U
105-67-9	2,4-Dimethylphenol	6.2	< 6.2 U
86-30-6	N-Nitrosodiphenylamine	6.2	< 6.2 U
100-51-6	Benzyl Alcohol	31	< 31 U
87-86-5	Pentachlorophenol	31	< 31 U
95-50-1	1,2-Dichlorobenzene	6.2	< 6.2 U
541-73-1	1,3-Dichlorobenzene	6.2	< 6.2 U

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	63.2%	d5-Phenol	57.1%
2-Fluorophenol	55.7%	d4-2-Chlorophenol	66.1%
d4-1,2-Dichlorobenzene	56.4%	d5-Nitrobenzene	60.8%
2,4,6-Tribromophenol	64.5%	d14-p-Terphenyl	88.0%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061701.d
Lab Smp Id: PB44MBS1 Client Smp ID: PB44MBS1
Inj Date : 17-JUN-2009 13:14
Operator : VTS Inst ID: nt2.i
Smp Info : PB44MBS1
Misc Info : 09-12794
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 12:42 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.486	5.445	(0.755)	229980	2.08939	130.6
$	2 Phenol-d5	99	6.888	6.888	(0.948)	312374	2.14325	134.0
	3 Phenol	94	6.899	6.899	(0.949)	32783	0.16866	10.54(R)
$	5 2-Chlorophenol-d4	132	6.992	6.992	(0.962)	243154	2.48251	155.2
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.268	7.284	(1.000)	184235	2.00000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.562	7.561	(1.040)	98949	1.41367	88.35
	11 Benzyl alcohol	79	Compound Not Detected.					
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.165	8.165	(0.883)	224269	1.52470	95.29
	22 2,4-Dimethylphenol	107	Compound Not Detected.					

4678

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.243	9.263	(1.000)	541859	2.00000	
	30 Hexachlorobutadiene	225	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.046	11.046	(0.914)	298442	1.58108	98.82
	39 Dimethylphthalate	163	Compound Not Detected.					
*	42 Acenaphthene-d10	162	12.084	12.084	(1.000)	264587	2.00000	
	50 Diethylphthalate	149	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	13.380	13.380	(0.926)	50566	2.41566	151.0
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.444	14.445	(1.000)	442822	2.00000	
$	66 Terphenyl-d14	244	17.090	17.090	(0.912)	234701	2.19570	137.2
	67 Butylbenzylphthalate	149	Compound Not Detected.					
*	69 Chrysene-d12	240	18.730	18.730	(1.000)	343623	2.00000	
*	77 Perylene-d12	264	20.884	20.869	(1.000)	166639	2.00000	
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061701.d
Lab Smp Id: PB44MBS1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12794

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: PB44MBS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	184235	53.80
27 Naphthalene-d8	372217	186108	744434	541859	45.58
42 Acenaphthene-d10	182713	91356	365426	264587	44.81
59 Phenanthrene-d10	286879	143440	573758	442822	54.36
69 Chrysene-d12	251912	125956	503824	343623	36.41
77 Perylene-d12	231524	115762	463048	166639	-28.03

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.27	-0.22
27 Naphthalene-d8	9.26	8.76	9.76	9.24	-0.21
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	0.00
59 Phenanthrene-d10	14.45	13.95	14.95	14.44	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.73	0.00
77 Perylene-d12	20.87	20.37	21.37	20.88	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44MBS1
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12794

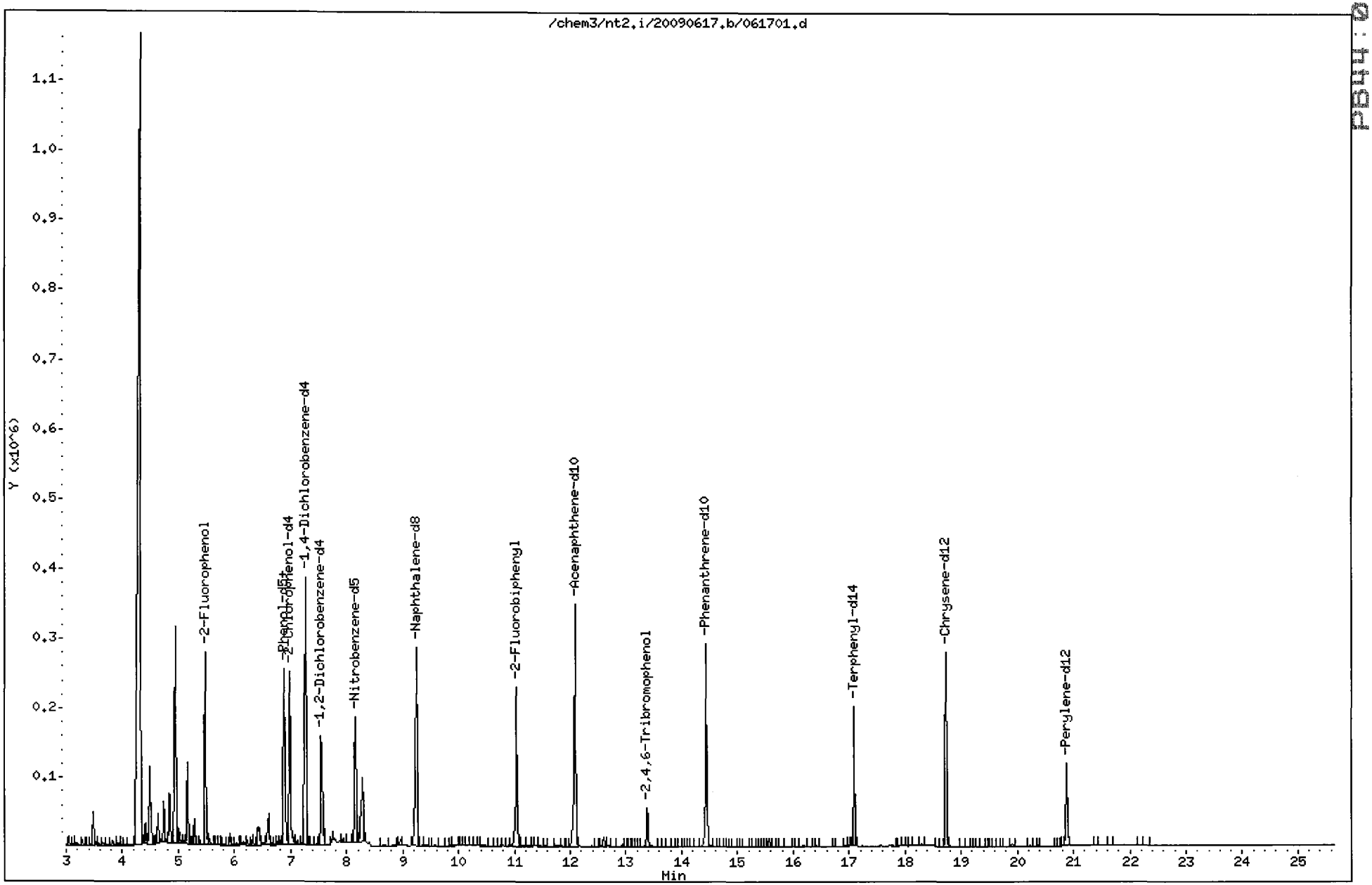
Client SDG: PB44
Fraction: SV
Client Smp ID: PB44MBS1
Operator: VTS
SampleType: BLANK
Quant Type: ISTD

	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	156.3	10.54	6.75*	30-160
7	1,3-Dichlorobenze	156.3	0.000	*	30-160
9	1,4-Dichlorobenze	156.3	0.000	*	30-160
11	Benzyl alcohol	312.5	0.000	*	30-160
12	1,2-Dichlorobenze	156.3	0.000	*	30-160
13	2-Methylphenol	156.3	0.000	*	30-160
15	4-Methylphenol	312.5	0.000	*	30-160
16	N-Nitroso-di-n-pr	156.3	0.000	*	30-160
22	2,4-Dimethylphenol	156.3	0.000	*	30-160
26	1,2,4-Trichlorobe	156.3	0.000	*	30-160
30	Hexachlorobutadie	156.3	0.000	*	30-160
50	Diethylphthalate	156.3	0.000	*	30-160
54	N-Nitrosodiphenyl	156.3	0.000	*	30-160
57	Hexachlorobenzene	156.3	0.000	*	30-160
58	Pentachlorophenol	156.3	0.000	*	30-160
67	Butylbenzylphthal	156.3	0.000	*	30-160
79	Dibenzo(a,h)anthr	156.3	0.000	*	30-160
90	N-Nitrosodimethyl	156.3	0.000	*	30-160

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	234.4	130.6	55.72	30-160
$ 2	Phenol-d5	234.4	134.0	57.15	30-160
$ 5	2-Chlorophenol-d4	234.4	155.2	66.20	30-160
$ 10	1,2-Dichlorobenzen	156.3	88.35	56.55	30-160
$ 18	Nitrobenzene-d5	156.3	95.29	60.99	30-160
$ 36	2-Fluorobiphenyl	156.3	98.82	63.24	30-160
$ 55	2,4,6-Tribromophen	234.4	151.0	64.42	30-160
$ 66	Terphenyl-d14	156.3	137.2	87.83	30-160

Data File: /chem3/nt2.i/20090617.b/061701.d
Date : 17-JUN-2009 13:14
Client ID: PB44MBS1
Sample Info: PB44MBS1
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32



PB44MBS1 061701.d

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **MATRIX SPIKE**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 18:49
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	6.0	---
106-46-7	1,4-Dichlorobenzene	6.0	---
120-82-1	1,2,4-Trichlorobenzene	6.0	---
118-74-1	Hexachlorobenzene	6.0	---
87-68-3	Hexachlorobutadiene	6.0	---
131-11-3	Dimethylphthalate	15	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	6.0	---
105-67-9	2,4-Dimethylphenol	6.0	---
86-30-6	N-Nitrosodiphenylamine	6.0	---
100-51-6	Benzyl Alcohol	30	---
87-86-5	Pentachlorophenol	30	---
95-50-1	1,2-Dichlorobenzene	6.0	---
541-73-1	1,3-Dichlorobenzene	6.0	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	79.6%	d5-Phenol	75.7%
2-Fluorophenol	72.8%	d4-2-Chlorophenol	92.3%
d4-1,2-Dichlorobenzene	70.0%	d5-Nitrobenzene	74.0%
2,4,6-Tribromophenol	105%	d14-p-Terphenyl	160%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061614.d
Lab Smp Id: PB44HMS Client Smp ID: 3SED6-B MS
Inj Date : 16-JUN-2009 18:49
Operator : VTS Inst ID: nt2.i
Smp Info : PB44HMS
Misc Info : 09-12794
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 18-Jun-2009 14:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 11 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	19.30000	Weight of sample extracted (g)
M	13.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.574	5.527	(0.757)	209927	2.73044	163.2
$	2 Phenol-d5	99	7.008	6.961	(0.951)	289290	2.84161	169.8
	3 Phenol	94	7.019	6.972	(0.953)	253426	1.86655	111.5 (R)
$	5 2-Chlorophenol-d4	132	7.100	7.076	(0.964)	236943	3.46329	207.0
	7 1,3-Dichlorobenzene	146	7.298	7.299	(0.991)	160173	1.76154	105.3 (R)
*	8 1,4-Dichlorobenzene-d4	152	7.367	7.368	(1.000)	128688	2.00000	
	9 1,4-Dichlorobenzene	146	7.385	7.385	(1.002)	168578	1.78789	106.8 (R)
$	10 1,2-Dichlorobenzene-d4	152	7.661	7.645	(1.040)	85534	1.74948	104.6
	11 Benzyl alcohol	79	7.783	7.627	(1.056)	371473	4.27784	255.7 (RH)
	12 1,2-Dichlorobenzene	146	7.679	7.662	(1.042)	159396	1.87729	112.2 (R)
	13 2-Methylphenol	108	7.881	7.865	(1.070)	170454	2.07580	124.1 (RM)
	15 4-Methylphenol	108	8.127	8.096	(1.103)	362333	4.31582	257.9 (RM)
	16 N-Nitroso-di-n-propylamine	70	8.096	8.080	(1.099)	151202	1.92535	115.1 (R)
$	18 Nitrobenzene-d5	82	8.265	8.250	(0.885)	192178	1.85062	110.6

BB 6/18/09

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
22	2,4-Dimethylphenol	107	8.921	8.901	(0.955)	144672	1.53888	91.97 (R)
26	1,2,4-Trichlorobenzene	180	9.305	9.285	(0.996)	126163	2.11987	126.7 (R)
* 27	Naphthalene-d8	136	9.344	9.343	(1.000)	382549	2.00000	
30	Hexachlorobutadiene	225	9.709	9.708	(1.039)	68854	2.22221	132.8 (R)
$ 36	2-Fluorobiphenyl	172	11.128	11.128	(0.913)	272994	1.98917	118.9
39	Dimethylphthalate	163	11.872	11.855	(0.974)	550637	3.82675	228.7
* 42	Acenaphthene-d10	162	12.183	12.166	(1.000)	192373	2.00000	
50	Diethylphthalate	149	13.009	13.008	(1.068)	359026	2.44813	146.3 (R)
54	N-Nitrosodiphenylamine	169	13.276	13.275	(0.914)	216423	2.41877	144.6 (R)
$ 55	2,4,6-Tribromophenol	330	13.472	13.460	(0.927)	55371	3.93024	234.9
57	Hexachlorobenzene	284	14.068	14.067	(0.968)	84800	2.60165	155.5 (R)
58	Pentachlorophenol	266	14.376	14.360	(0.989)	38617	1.92644	115.1 (R)
* 59	Phenanthrene-d10	188	14.530	14.529	(1.000)	298036	2.00000	
$ 66	Terphenyl-d14	244	17.178	17.167	(0.912)	173962	3.98890	238.4
67	Butylbenzylphthalate	149	18.057	18.046	(0.959)	203121	3.72463	222.6 (R)
* 69	Chrysene-d12	240	18.829	18.814	(1.000)	140198	2.00000	
* 77	Perylene-d12	264	20.968	20.953	(1.000)	50095	2.00000	
79	Dibenzo(a,h)anthracene	278	22.415	22.400	(1.069)	72461	3.11420	186.1 (R)
90	N-Nitrosodimethylamine	74	3.359	3.265	(0.456)	110037	1.81157	108.3 (R)

QC Flag Legend

~~R - Spike/Surrogate failed recovery limits.~~
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061614.d
Lab Smp Id: PB44HMS
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12794

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED6-B MS
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
8 1,4-Dichlorobenze	119785	59892	239570	128688	7.43	
27 Naphthalene-d8	372217	186108	744434	382549	2.78	
42 Acenaphthene-d10	182713	91356	365426	192373	5.29	
59 Phenanthrene-d10	286879	143440	573758	298036	3.89	
69 Chrysene-d12	251912	125956	503824	140198	-44.35	
77 Perylene-d12	231524	115762	463048	50095	-78.36	<-

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	-0.01
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.01
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.14
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.01
69 Chrysene-d12	18.81	18.31	19.31	18.83	0.08
77 Perylene-d12	20.95	20.45	21.45	20.97	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44HMS
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12794

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-B MS
Operator: VTS
SampleType: MS
Quant Type: ISTD

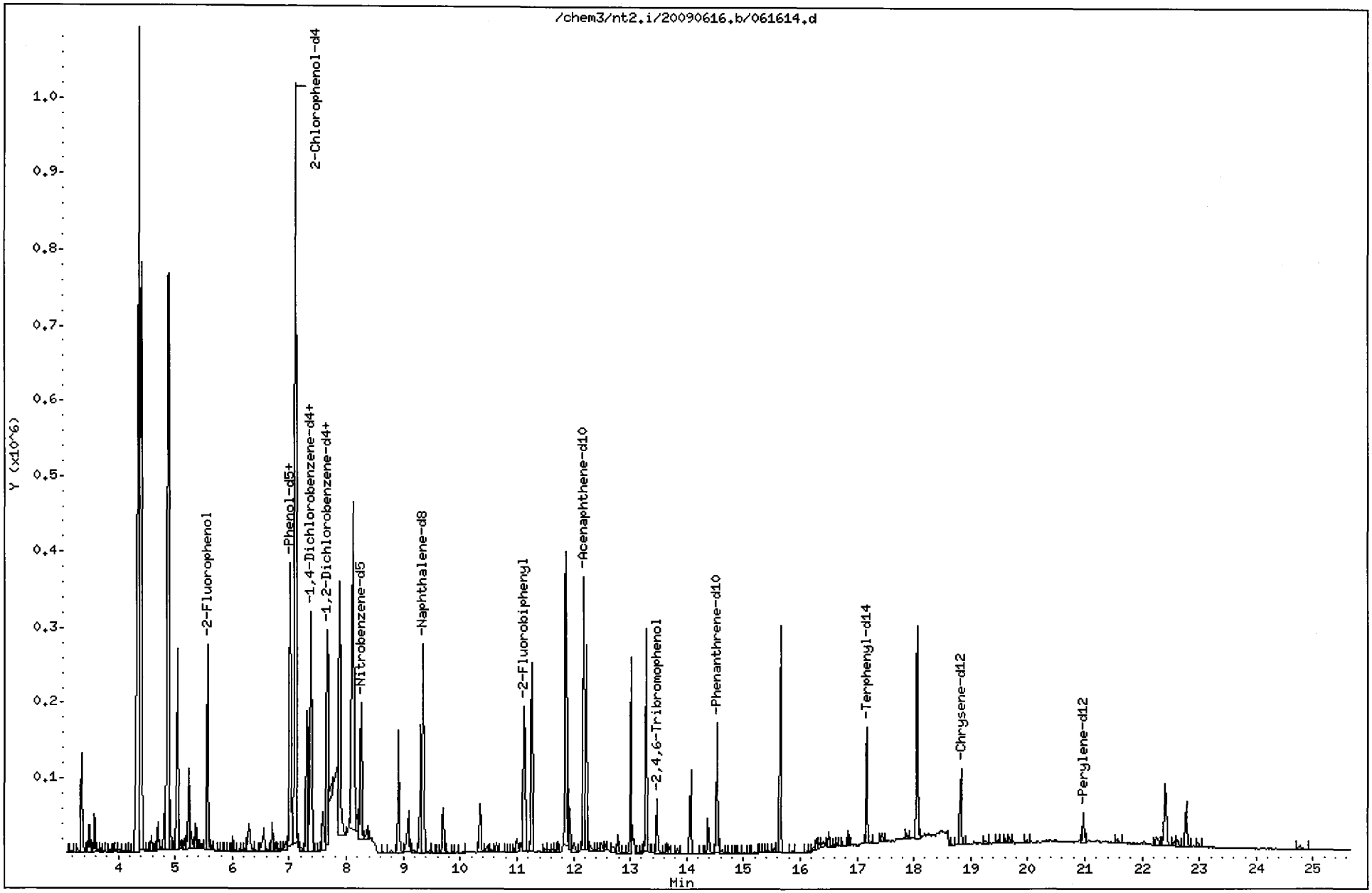
SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	149.4	111.5	74.66	30-160
7 1,3-Dichlorobenzen	149.4	105.3	70.46	30-160
9 1,4-Dichlorobenzen	149.4	106.8	71.52	30-160
11 Benzyl alcohol	298.8	255.7	85.56	30-160
12 1,2-Dichlorobenzen	149.4	112.2	75.09	30-160
13 2-Methylphenol	149.4	124.1	83.03	30-160
15 4-Methylphenol	298.8	257.9	86.32	30-160
16 N-Nitroso-di-n-pro	149.4	115.1	77.01	30-160
22 2,4-Dimethylphenol	149.4	91.97	61.56	30-160
26 1,2,4-Trichloroben	149.4	126.7	84.79	30-160
30 Hexachlorobutadien	149.4	132.8	88.89	30-160
50 Diethylphthalate	149.4	146.3	97.93	30-160
54 N-Nitrosodiphenyla	149.4	144.6	96.75	30-160
57 Hexachlorobenzene	149.4	155.5	104.07	30-160
58 Pentachlorophenol	149.4	115.1	77.06	30-160
67 Butylbenzylphthala	149.4	222.6	148.99	30-160
79 Dibenzo(a,h)anthra	149.4	186.1	124.57	30-160
90 N-Nitrosodimethyla	149.4	108.3	72.46	30-160

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	224.1	163.2	72.81	30-160
$ 2 Phenol-d5	224.1	169.8	75.78	30-160
$ 5 2-Chlorophenol-d4	224.1	207.0	92.35	30-160
$ 10 1,2-Dichlorobenzen	149.4	104.6	69.98	30-160
$ 18 Nitrobenzene-d5	149.4	110.6	74.02	30-160
$ 36 2-Fluorobiphenyl	149.4	118.9	79.57	30-160
$ 55 2,4,6-Tribromophen	224.1	234.9	104.81	30-160
$ 66 Terphenyl-d14	149.4	238.4	159.56	30-160

Data File: /chem3/nt2.i/20090616.b/061614.d
Date : 16-JUN-2009 18:49
Client ID: 3SED6-B MS
Sample Info: PB44HMS
Volume Injected (uL): 2.0
Column phase: ZB-5

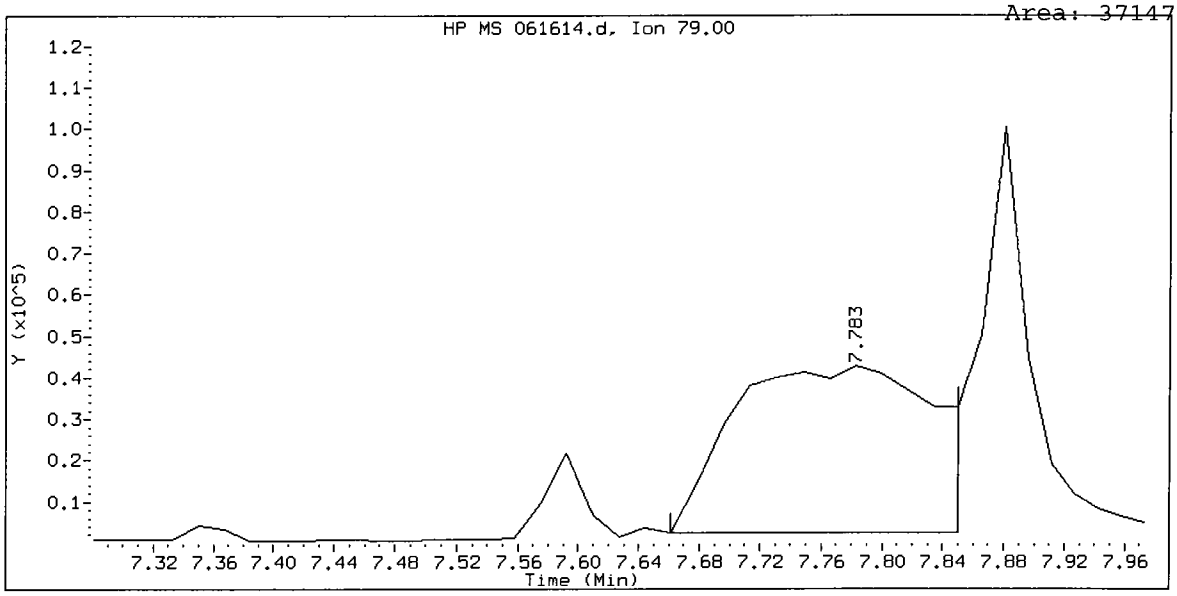
Instrument: nt2.i

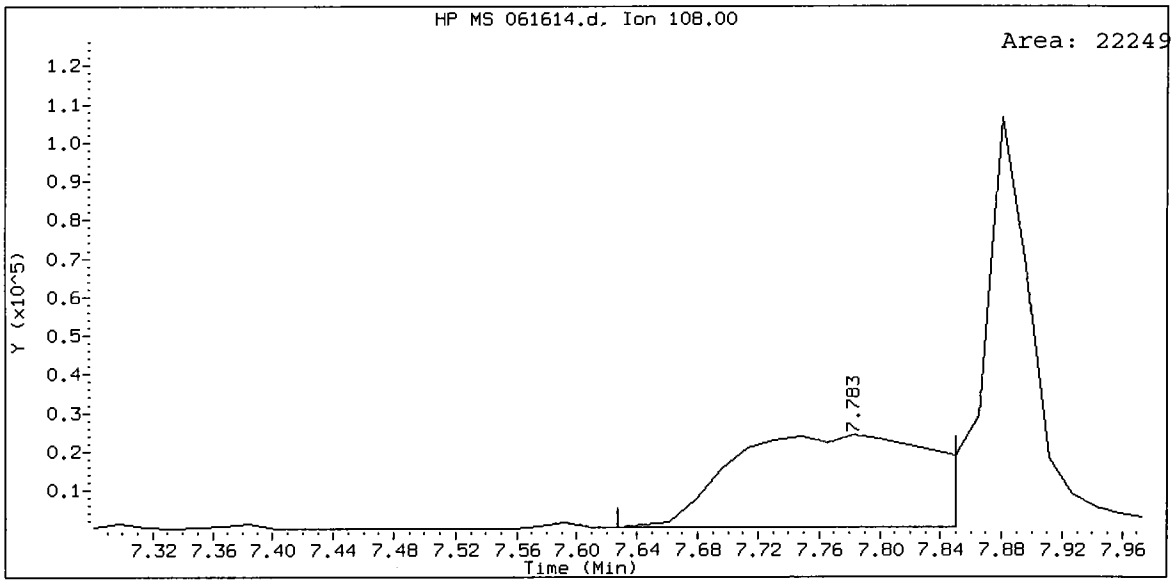
Operator: VTS
Column diameter: 0.32



PB44HMS-060351

PB44HMS, /chem3/nt2.i/20090616.b/061614.d
Benzyl alcohol Amount: 4.28





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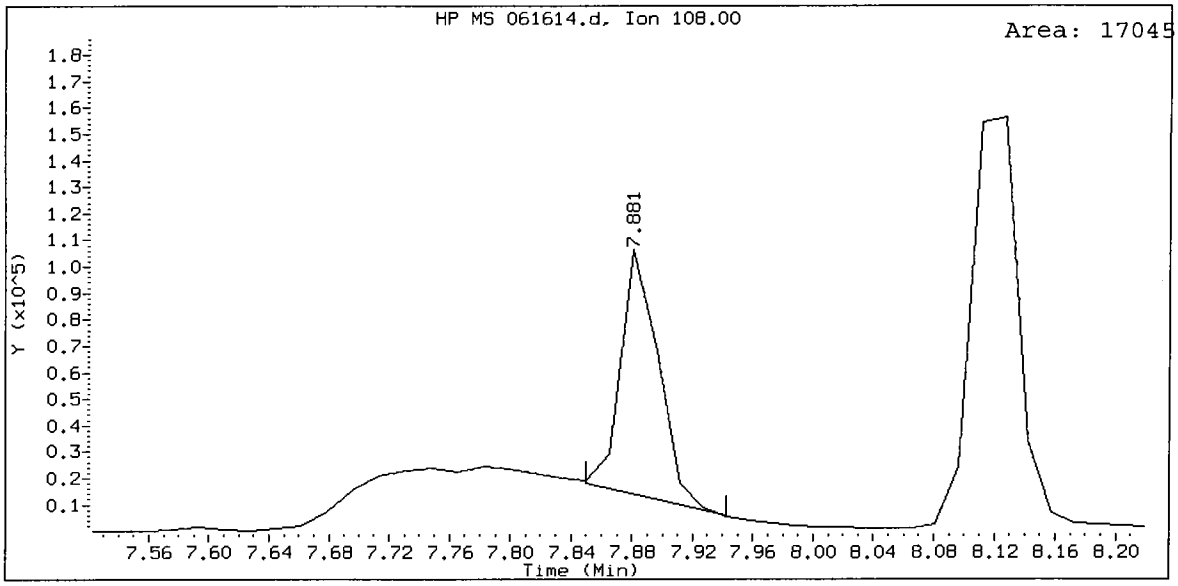
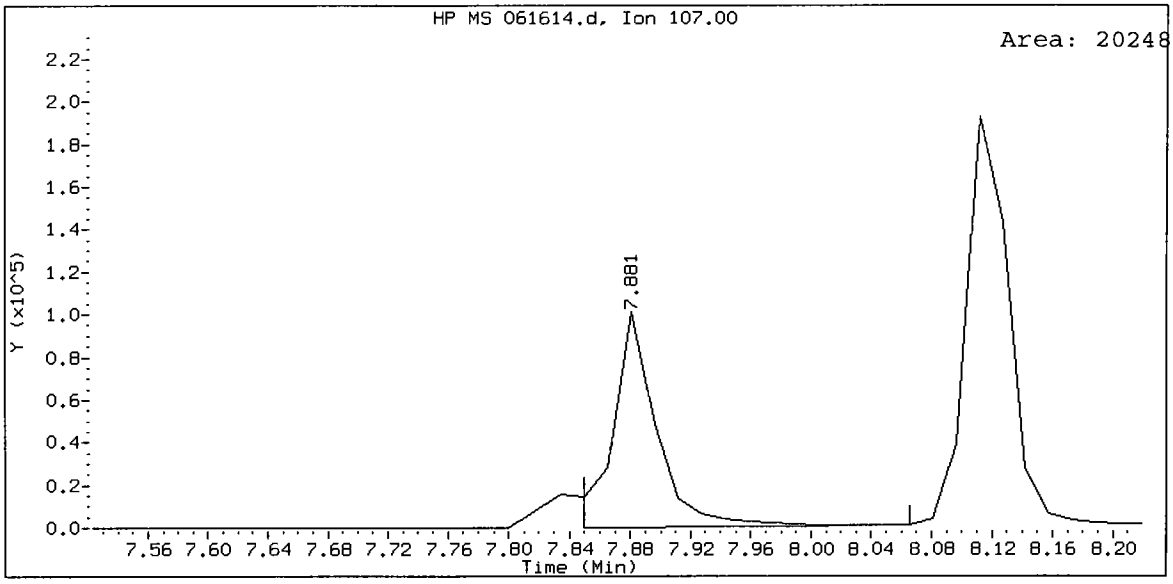
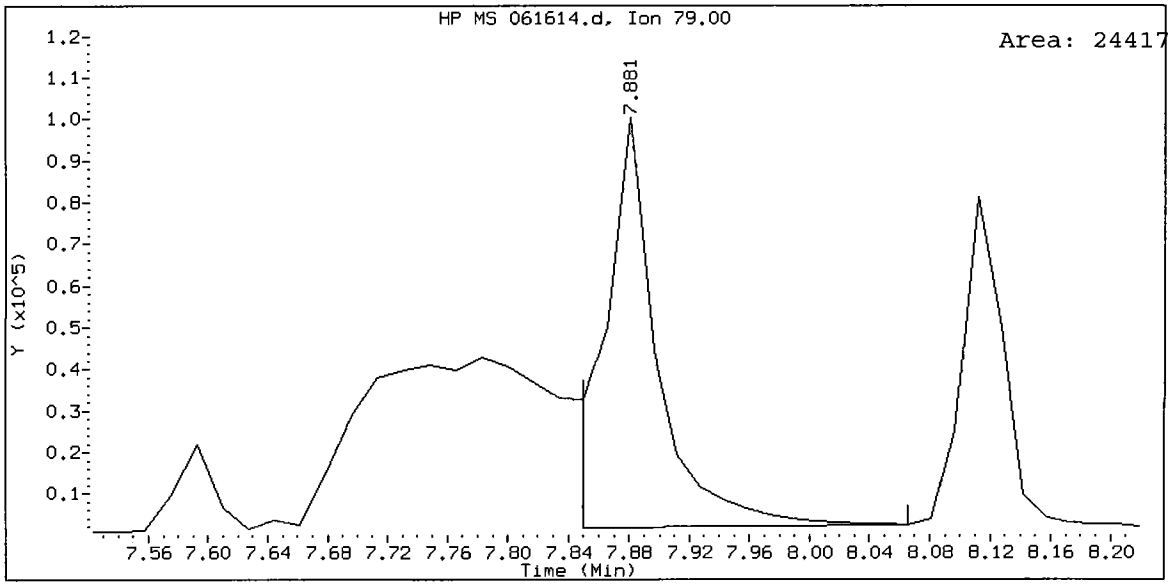
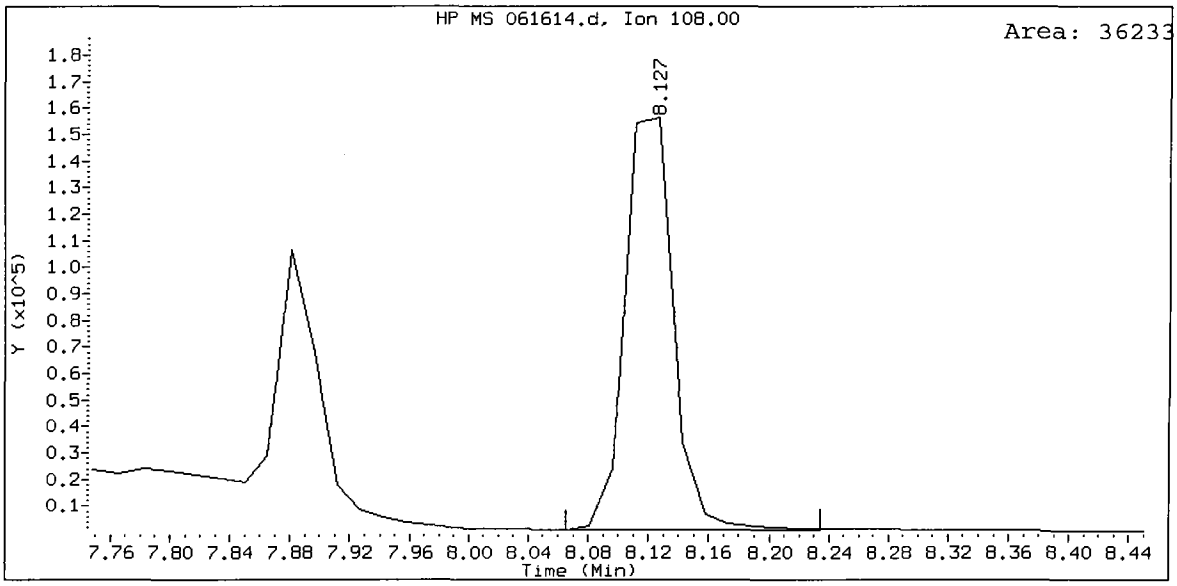
2-Methylphenol Amount: 2.08

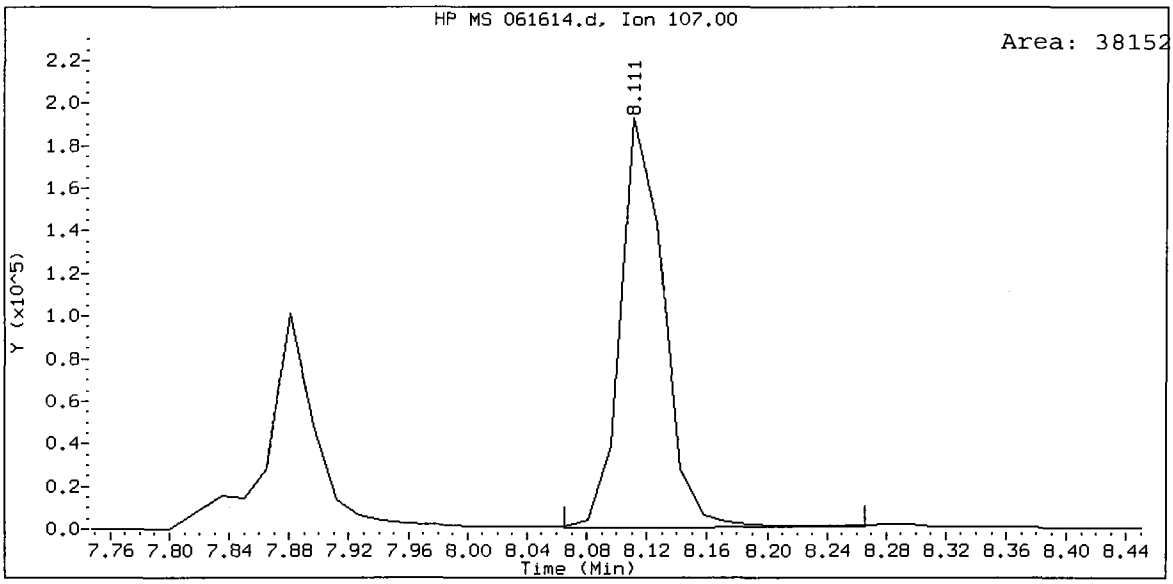


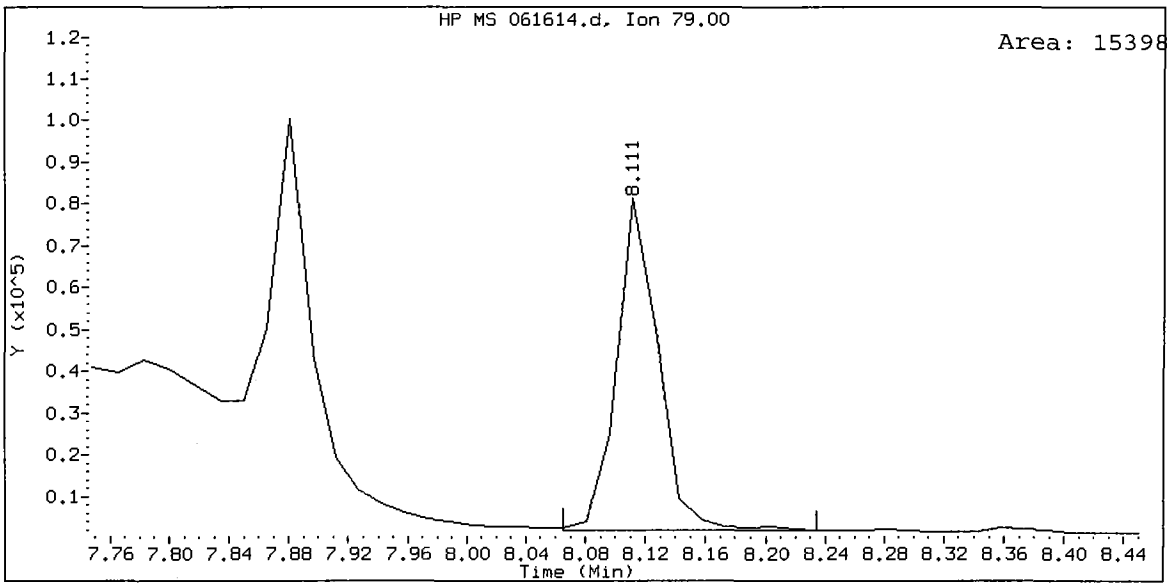




PB44HMS, /chem3/nt2.i/20090616.b/061614.d
4-Methylphenol Amount: 4.32







ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Semivolatiles by Selected Ion Monitoring GC/MS **Sample ID: 3SED6-B**
Page 1 of 1 **MATRIX SPIKE DUPLICATE**

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/19/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/09/09
Date Analyzed: 06/16/09 19:24
Instrument/Analyst: NT2/PK
GPC Cleanup: Yes
Silica Gel Cleanup: No
Alumina Cleanup: No

Sample Amount: 16.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
53-70-3	Dibenz(a,h)anthracene	5.9	---
106-46-7	1,4-Dichlorobenzene	5.9	---
120-82-1	1,2,4-Trichlorobenzene	5.9	---
118-74-1	Hexachlorobenzene	5.9	---
87-68-3	Hexachlorobutadiene	5.9	---
131-11-3	Dimethylphthalate	15	---
85-68-7	Butylbenzylphthalate	15	---
95-48-7	2-Methylphenol	5.9	---
105-67-9	2,4-Dimethylphenol	5.9	---
86-30-6	N-Nitrosodiphenylamine	5.9	---
100-51-6	Benzyl Alcohol	30	---
87-86-5	Pentachlorophenol	30	---
95-50-1	1,2-Dichlorobenzene	5.9	---
541-73-1	1,3-Dichlorobenzene	5.9	---

Reported in µg/kg (ppb)

SIM Semivolatile Surrogate Recovery

2-Fluorobiphenyl	74.4%	d5-Phenol	70.9%
2-Fluorophenol	71.5%	d4-2-Chlorophenol	86.9%
d4-1,2-Dichlorobenzene	69.2%	d5-Nitrobenzene	70.8%
2,4,6-Tribromophenol	88.8%	d14-p-Terphenyl	163%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090616.b/061615.d
Lab Smp Id: PB44HMSD Client Smp ID: 3SED6-B MSD
Inj Date : 16-JUN-2009 19:24
Operator : VTS Inst ID: nt2.i
Smp Info : PB44HMSD
Misc Info : 09-12794
Comment :
Method : /chem3/nt2.i/20090616.b/SIMABN.m
Meth Date : 18-Jun-2009 14:34 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 12 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	19.50000	Weight of sample extracted (g)
M	13.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.574	5.527	(0.757)	212537	2.68299	158.7
$	2 Phenol-d5	99	7.007	6.961	(0.951)	279196	2.66171	157.4
	3 Phenol	94	7.019	6.972	(0.953)	241304	1.72494	102.0 (R)
$	5 2-Chlorophenol-d4	132	7.088	7.076	(0.962)	229802	3.26001	192.8
	7 1,3-Dichlorobenzene	146	7.298	7.299	(0.991)	166211	1.77412	104.9 (R)
*	8 1,4-Dichlorobenzene-d4	152	7.367	7.368	(1.000)	132592	2.00000	
	9 1,4-Dichlorobenzene	146	7.384	7.385	(1.002)	176105	1.81272	107.2 (R)
$	10 1,2-Dichlorobenzene-d4	152	7.661	7.645	(1.040)	87061	1.72828	102.2
	11 Benzyl alcohol	79	7.800	7.627	(1.059)	274258	3.06533	181.3 (R)
	12 1,2-Dichlorobenzene	146	7.678	7.662	(1.042)	164335	1.87847	111.1 (R)
	13 2-Methylphenol	108	7.881	7.865	(1.070)	181829	2.14913	127.1 (RM)
	15 4-Methylphenol	108	8.111	8.096	(1.101)	329119	3.80478	225.0 (RM)
	16 N-Nitroso-di-n-propylamine	70	8.081	8.080	(1.097)	141440	1.74801	103.4 (R)
$	18 Nitrobenzene-d5	82	8.265	8.250	(0.885)	189563	1.76935	104.7

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	22 2,4-Dimethylphenol	107	8.921	8.901	(0.955)	164204	1.69298	100.1 (R)
	26 1,2,4-Trichlorobenzene	180	9.305	9.285	(0.996)	124487	2.02744	119.9 (R)
*	27 Naphthalene-d8	136	9.343	9.343	(1.000)	394676	2.00000	
	30 Hexachlorobutadiene	225	9.708	9.708	(1.039)	68586	2.14554	126.9 (R)
$	36 2-Fluorobiphenyl	172	11.128	11.128	(0.913)	263391	1.86364	110.2
	39 Dimethylphthalate	163	11.872	11.855	(0.974)	314631	2.12329	125.6
*	42 Acenaphthene-d10	162	12.184	12.166	(1.000)	198108	2.00000	
	50 Diethylphthalate	149	13.009	13.008	(1.068)	359880	2.38292	140.9 (R)
	54 N-Nitrosodiphenylamine	169	13.275	13.275	(0.914)	207617	2.04846	121.2 (R)
$	55 2,4,6-Tribromophenol	330	13.472	13.460	(0.927)	53128	3.32915	196.9
	57 Hexachlorobenzene	284	14.068	14.067	(0.968)	84523	2.28929	135.4 (R)
	58 Pentachlorophenol	266	14.376	14.360	(0.989)	39313	1.73135	102.4 (R)
*	59 Phenanthrene-d10	188	14.530	14.529	(1.000)	337595	2.00000	
$	66 Terphenyl-d14	244	17.167	17.167	(0.912)	181800	4.07987	241.3 (R)
	67 Butylbenzylphthalate	149	18.046	18.046	(0.959)	197284	3.54057	209.4 (R)
*	69 Chrysene-d12	240	18.815	18.814	(1.000)	143248	2.00000	
*	77 Perylene-d12	264	20.954	20.953	(1.000)	51536	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.400	22.400	(1.069)	43585	1.82080	107.7 (R)
	90 N-Nitrosodimethylamine	74	3.398	3.265	(0.461)	109167	1.74433	103.2 (R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061615.d
Lab Smp Id: PB44HMSD
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12794

Calibration Date: 16-JUN-2009
Calibration Time: 10:48
Client Smp ID: 3SED6-B MSD
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
8 1,4-Dichlorobenze	119785	59892	239570	132592	10.69	
27 Naphthalene-d8	372217	186108	744434	394676	6.03	
42 Acenaphthene-d10	182713	91356	365426	198108	8.43	
59 Phenanthrene-d10	286879	143440	573758	337595	17.68	
69 Chrysene-d12	251912	125956	503824	143248	-43.14	
77 Perylene-d12	231524	115762	463048	51536	-77.74	<-

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.37	6.87	7.87	7.37	-0.01
27 Naphthalene-d8	9.34	8.84	9.84	9.34	0.00
42 Acenaphthene-d10	12.17	11.67	12.67	12.18	0.14
59 Phenanthrene-d10	14.53	14.03	15.03	14.53	0.01
69 Chrysene-d12	18.81	18.31	19.31	18.81	0.00
77 Perylene-d12	20.95	20.45	21.45	20.95	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44HMSD
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090616.b/SIMABN.m
Misc Info: 09-12794

Client SDG: PB44
Fraction: SV
Client Smp ID: 3SED6-B MSD
Operator: VTS
SampleType: MS
Quant Type: ISTD

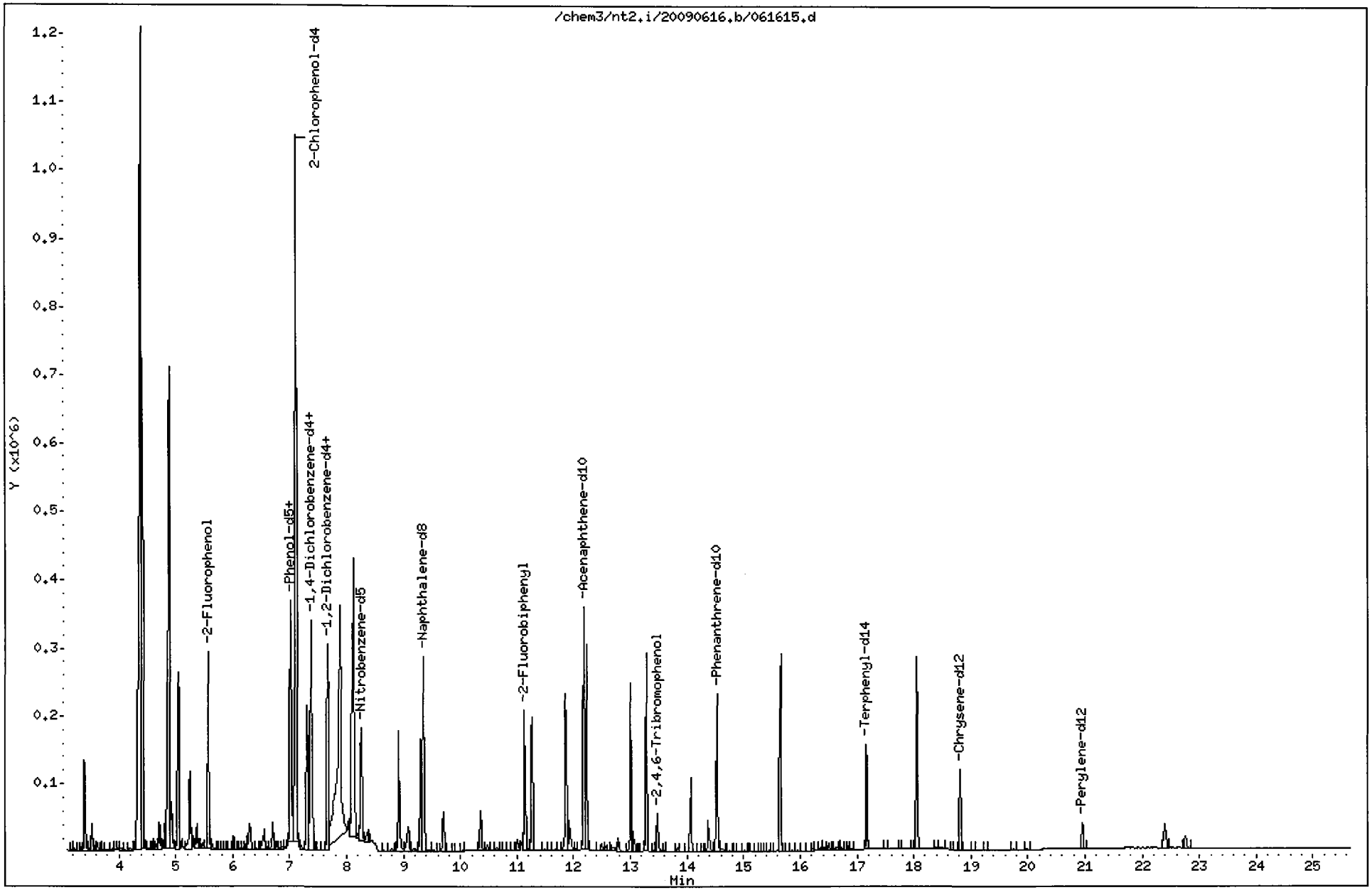
	SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3	Phenol	147.9	102.0	69.00	30-160
7	1,3-Dichlorobenzen	147.9	104.9	70.96	30-160
9	1,4-Dichlorobenzen	147.9	107.2	72.51	30-160
11	Benzyl alcohol	295.7	181.3	61.31	30-160
12	1,2-Dichlorobenzen	147.9	111.1	75.14	30-160
13	2-Methylphenol	147.9	127.1	85.97	30-160
15	4-Methylphenol	295.7	225.0	76.10	30-160
16	N-Nitroso-di-n-pro	147.9	103.4	69.92	30-160
22	2,4-Dimethylphenol	147.9	100.1	67.72	30-160
26	1,2,4-Trichloroben	147.9	119.9	81.10	30-160
30	Hexachlorobutadien	147.9	126.9	85.82	30-160
50	Diethylphthalate	147.9	140.9	95.32	30-160
54	N-Nitrosodiphenyla	147.9	121.2	81.94	30-160
57	Hexachlorobenzene	147.9	135.4	91.57	30-160
58	Pentachlorophenol	147.9	102.4	69.25	30-160
67	Butylbenzylphthala	147.9	209.4	141.62	30-160
79	Dibenzo(a,h)anthra	147.9	107.7	72.83	30-160
90	N-Nitrosodimethyla	147.9	103.2	69.77	30-160

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	221.8	158.7	71.55	30-160
$ 2	Phenol-d5	221.8	157.4	70.98	30-160
$ 5	2-Chlorophenol-d4	221.8	192.8	86.93	30-160
$ 10	1,2-Dichlorobenzen	147.9	102.2	69.13	30-160
$ 18	Nitrobenzene-d5	147.9	104.7	70.77	30-160
$ 36	2-Fluorobiphenyl	147.9	110.2	74.55	30-160
$ 55	2,4,6-Tribromophen	221.8	196.9	88.78	30-160
$ 66	Terphenyl-d14	147.9	241.3	163.19*	30-160

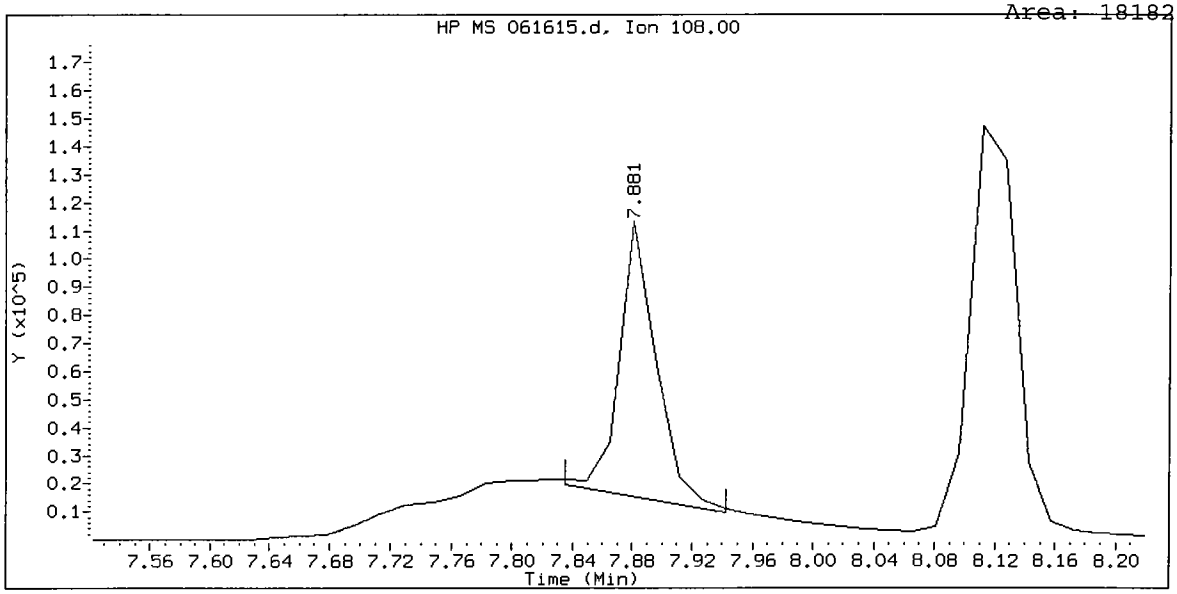
Data File: /chem3/nt2.i/20090616.b/061615.d
Date : 16-JUN-2009 19:24
Client ID: 3SED6-B MSD
Sample Info: PB44HMSD
Volume Injected (uL): 2.0
Column phase: ZB-5

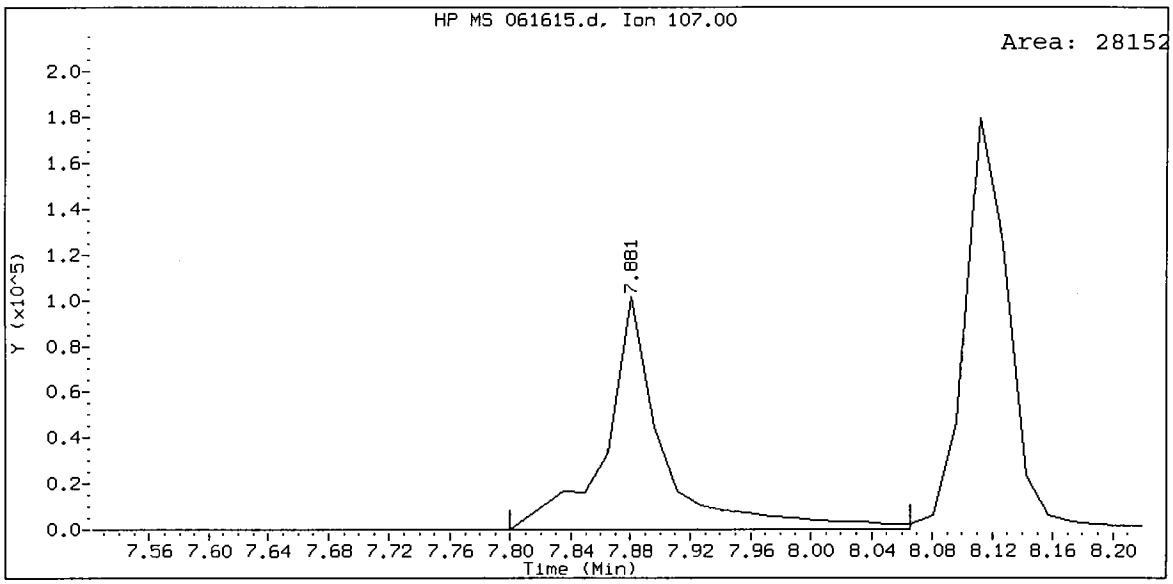
Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

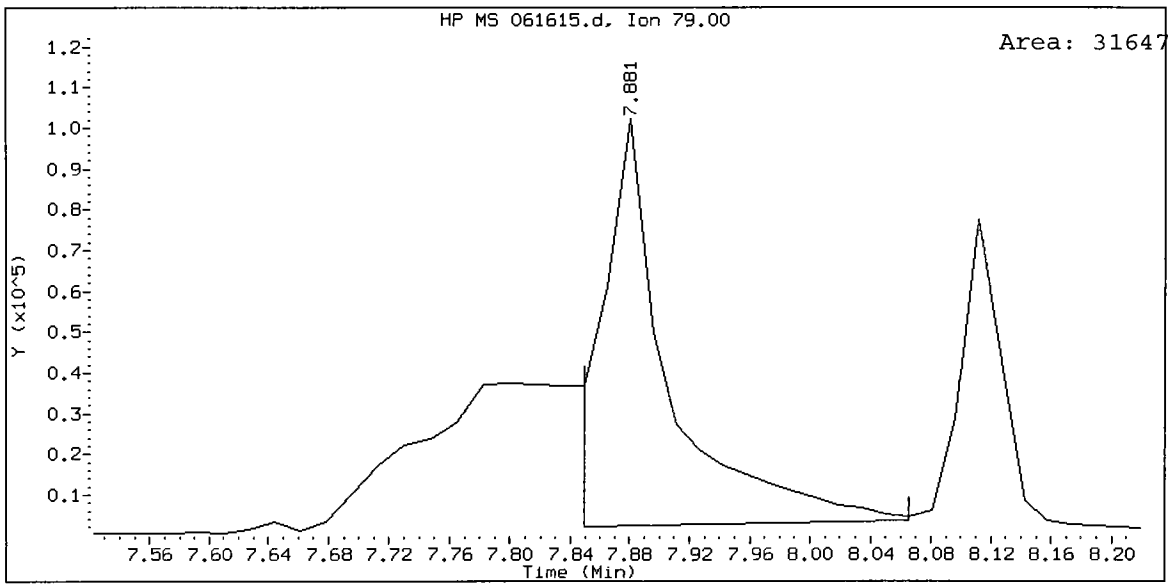
PB44 : 66875



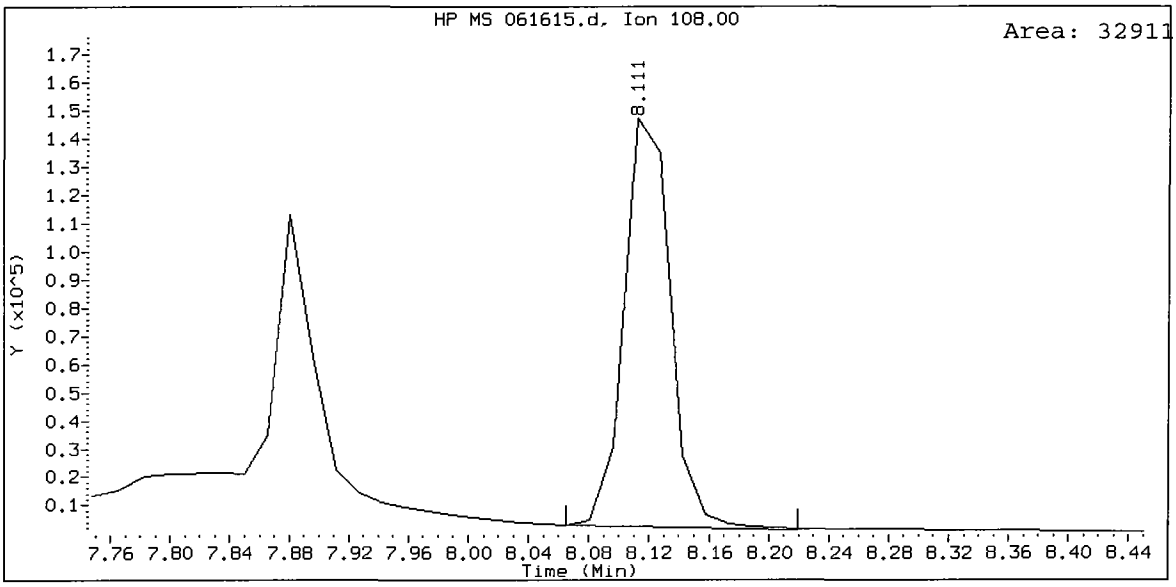
PB44HMSD, /chem3/nt2.i/20090616.b/061615.d
2-Methylphenol Amount: 2.15

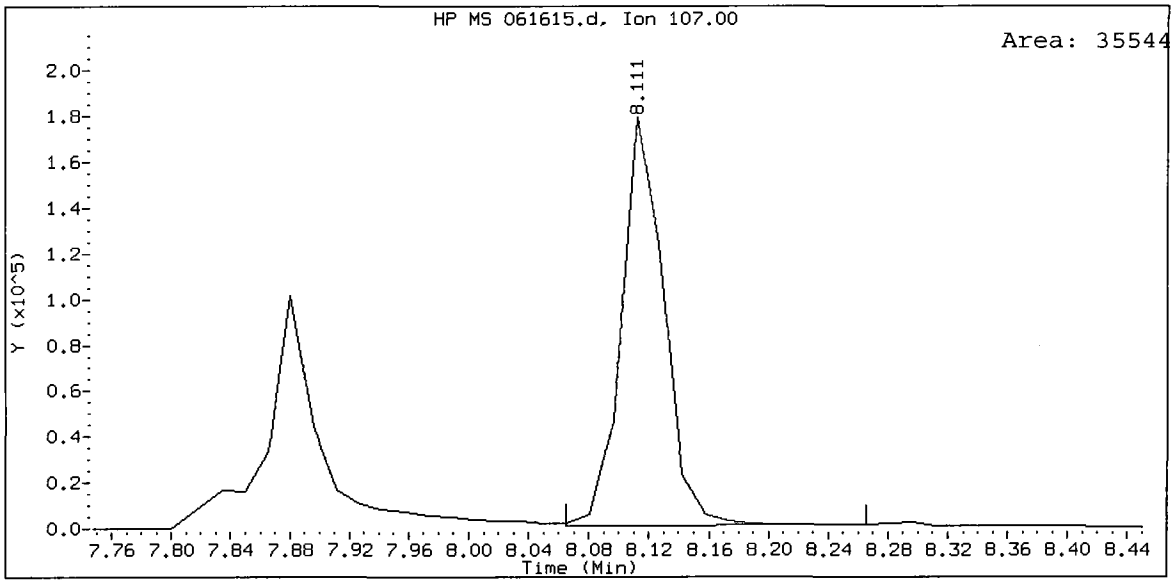


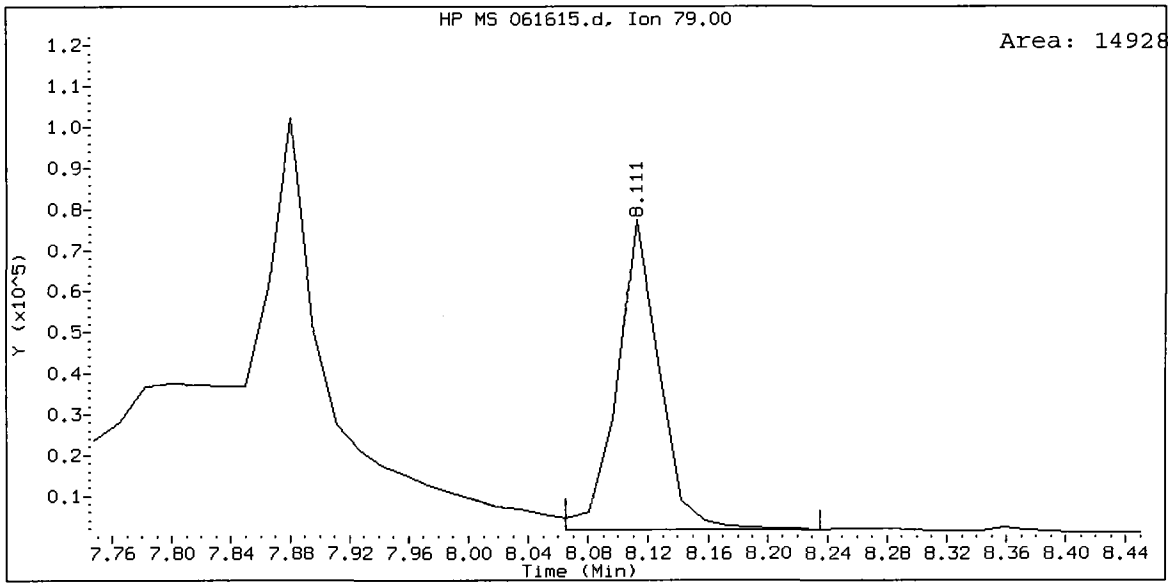




PB44HMSD, /chem3/nt2.i/20090616.b/061615.d
4-Methylphenol Amount: 3.80







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt2.i/20090617.b/061702.d
Lab Smp Id: PB44LCSS1 Client Smp ID: PB44LCSS1
Inj Date : 17-JUN-2009 13:48
Operator : VTS Inst ID: nt2.i
Smp Info : PB44LCSS1
Misc Info : 09-12794
Comment :
Method : /chem3/nt2.i/20090617.b/SIMABN.m
Meth Date : 18-Jun-2009 16:11 peter Quant Type: ISTD
Cal Date : 11-MAY-2009 13:57 Cal File: ic051104.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: wind.sub
Target Version: 3.50
Processing Host: cserv3

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	16.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.484	5.445	(0.755)	247641	2.48506	155.3
$	2 Phenol-d5	99	6.888	6.888	(0.948)	337321	2.55637	159.8
	3 Phenol	94	6.899	6.899	(0.950)	322891	1.83482	114.7
$	5 2-Chlorophenol-d4	132	6.992	6.992	(0.962)	231474	2.61034	163.1
	7 1,3-Dichlorobenzene	146	7.197	7.215	(0.990)	251018	2.12989	133.1
*	8 1,4-Dichlorobenzene-d4	152	7.266	7.284	(1.000)	166797	2.00000	
	9 1,4-Dichlorobenzene	146	7.283	7.301	(1.002)	209717	1.71602	107.3
$	10 1,2-Dichlorobenzene-d4	152	7.560	7.561	(1.040)	107545	1.69711	106.1
	11 Benzyl alcohol	79	7.749	7.543	(1.067)	154030	1.36852	85.53(RM)
	12 1,2-Dichlorobenzene	146	7.577	7.578	(1.043)	195819	1.77933	111.2
	13 2-Methylphenol	108	7.796	7.796	(1.073)	208621	1.96014	122.5(M)
	15 4-Methylphenol	108	8.026	8.027	(1.105)	383433	3.52367	220.2(M)
	16 N-Nitroso-di-n-propylamine	70	7.996	7.996	(1.100)	165661	1.62750	101.7
$	18 Nitrobenzene-d5	82	8.165	8.165	(0.883)	236478	1.78272	111.4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	22 2,4-Dimethylphenol	107	8.821	8.821	(0.954)	122433	1.01953	63.72
	26 1,2,4-Trichlorobenzene	180	9.205	9.205	(0.996)	149951	1.97245	123.3
*	27 Naphthalene-d8	136	9.243	9.263	(1.000)	488662	2.00000	
	30 Hexachlorobutadiene	225	9.608	9.608	(1.039)	80070	2.02304	126.4
$	36 2-Fluorobiphenyl	172	11.046	11.046	(0.914)	323364	1.89804	118.6
	39 Dimethylphthalate	163	11.773	11.773	(0.974)	371450	2.07951	130.0
*	42 Acenaphthene-d10	162	12.084	12.084	(1.000)	238808	2.00000	
	50 Diethylphthalate	149	12.928	12.928	(1.070)	408921	2.24618	140.4
	54 N-Nitrosodiphenylamine	169	13.194	13.195	(0.913)	147313	1.28891	80.56
$	55 2,4,6-Tribromophenol	330	13.379	13.380	(0.926)	61521	3.41862	213.7
	57 Hexachlorobenzene	284	13.983	13.983	(0.968)	91267	2.19208	137.0
	58 Pentachlorophenol	266	14.291	14.291	(0.989)	47032	1.83679	114.8
*	59 Phenanthrene-d10	188	14.444	14.445	(1.000)	380696	2.00000	
$	66 Terphenyl-d14	244	17.090	17.090	(0.912)	240398	2.38193	148.9
	67 Butylbenzylphthalate	149	17.970	17.970	(0.959)	296492	2.34931	146.8
*	69 Chrysene-d12	240	18.730	18.730	(1.000)	324446	2.00000	
*	77 Perylene-d12	264	20.869	20.869	(1.000)	164961	2.00000	
	79 Dibenzo(a,h)anthracene	278	22.300	22.301	(1.069)	258222	3.37014	210.6
	90 N-Nitrosodimethylamine	74	3.369	3.153	(0.464)	126202	1.60299	100.2(H)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt2.i
Lab File ID: 061702.d
Lab Smp Id: PB44LCSS1
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12794

Calibration Date: 17-JUN-2009
Calibration Time: 12:11
Client Smp ID: PB44LCSS1
Level: LOW
Sample Type: Solid

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	119785	59892	239570	166797	39.25
27 Naphthalene-d8	372217	186108	744434	488662	31.28
42 Acenaphthene-d10	182713	91356	365426	238808	30.70
59 Phenanthrene-d10	286879	143440	573758	380696	32.70
69 Chrysene-d12	251912	125956	503824	324446	28.79
77 Perylene-d12	231524	115762	463048	164961	-28.75

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.28	6.78	7.78	7.27	-0.25
27 Naphthalene-d8	9.26	8.76	9.76	9.24	-0.21
42 Acenaphthene-d10	12.08	11.58	12.58	12.08	0.00
59 Phenanthrene-d10	14.45	13.95	14.95	14.44	0.00
69 Chrysene-d12	18.73	18.23	19.23	18.73	0.00
77 Perylene-d12	20.87	20.37	21.37	20.87	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ESC
Sample Matrix: SOLID
Lab Smp Id: PB44LCSS1
Level: LOW
Data Type: MS DATA
SpikeList File: wind.spk
Sublist File: wind.sub
Method File: /chem3/nt2.i/20090617.b/SIMABN.m
Misc Info: 09-12794

Client SDG: PB44
Fraction: SV
Client Smp ID: PB44LCSS1
Operator: VTS
SampleType: LCS
Quant Type: ISTD

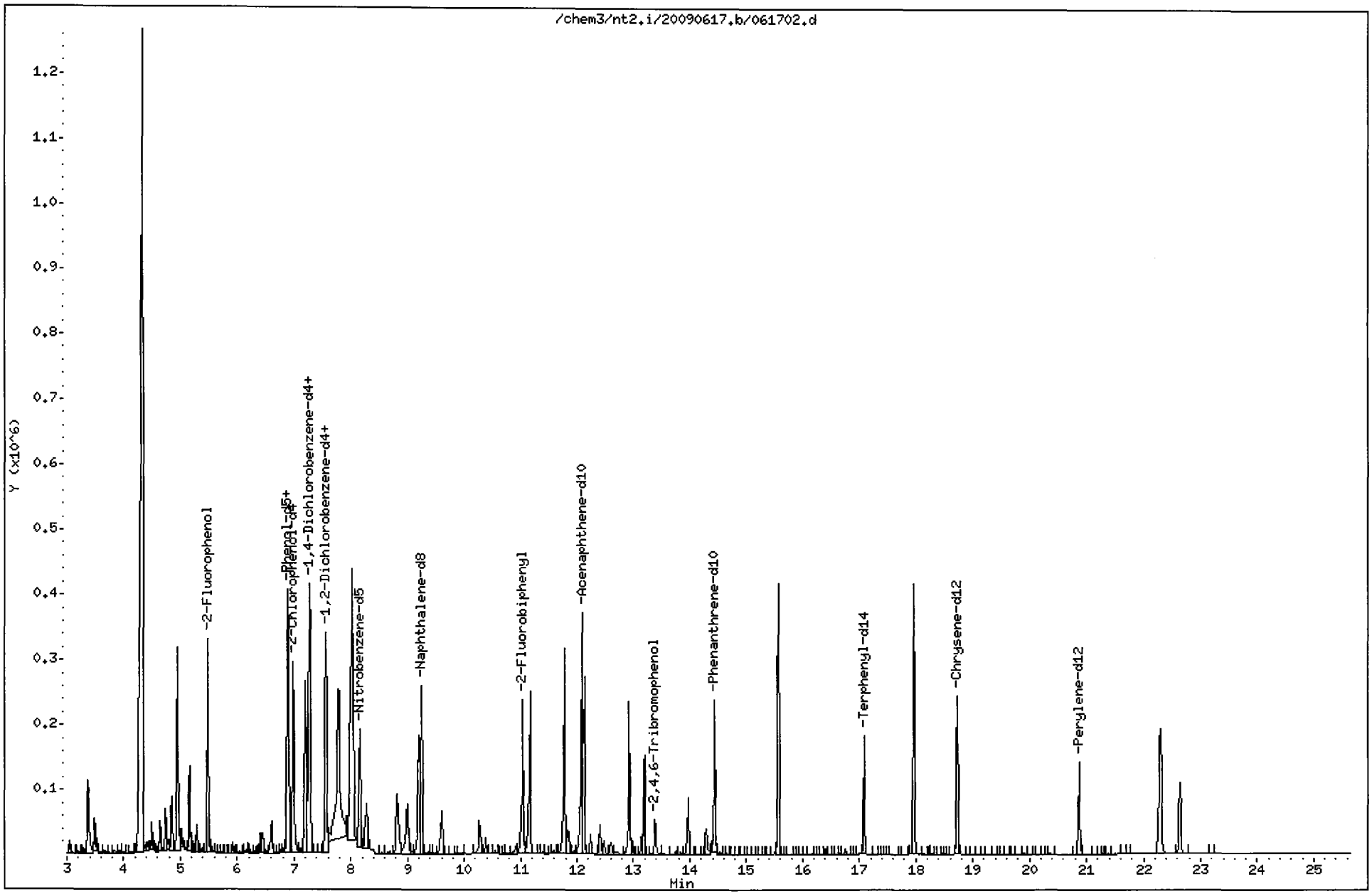
SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	156.3	114.7	73.39	30-160
7 1,3-Dichlorobenzen	156.3	133.1	85.20	30-160
9 1,4-Dichlorobenzen	156.3	107.3	68.64	30-160
11 Benzyl alcohol	312.5	85.53	27.37*	30-160
12 1,2-Dichlorobenzen	156.3	111.2	71.17	30-160
13 2-Methylphenol	156.3	122.5	78.41	30-160
15 4-Methylphenol	312.5	220.2	70.47	30-160
16 N-Nitroso-di-n-pro	156.3	101.7	65.10	30-160
22 2,4-Dimethylphenol	156.3	63.72	40.78	30-160
26 1,2,4-Trichloroben	156.3	123.3	78.90	30-160
30 Hexachlorobutadien	156.3	126.4	80.92	30-160
50 Diethylphthalate	156.3	140.4	89.85	30-160
54 N-Nitrosodiphenyla	156.3	80.56	51.56	30-160
57 Hexachlorobenzene	156.3	137.0	87.68	30-160
58 Pentachlorophenol	156.3	114.8	73.47	30-160
67 Butylbenzylphthala	156.3	146.8	93.97	30-160
79 Dibenzo(a,h)anthra	156.3	210.6	134.81	30-160
90 N-Nitrosodimethyla	156.3	100.2	64.12	30-160

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	234.4	155.3	66.27	30-160
$ 2 Phenol-d5	234.4	159.8	68.17	30-160
$ 5 2-Chlorophenol-d4	234.4	163.1	69.61	30-160
$ 10 1,2-Dichlorobenzen	156.3	106.1	67.88	30-160
$ 18 Nitrobenzene-d5	156.3	111.4	71.31	30-160
$ 36 2-Fluorobiphenyl	156.3	118.6	75.92	30-160
$ 55 2,4,6-Tribromophen	234.4	213.7	91.16	30-160
$ 66 Terphenyl-d14	156.3	148.9	95.28	30-160

Data File: /chem3/nt2.i/20090617.b/061702.d
Date : 17-JUN-2009 13:48
Client ID: PB44LCSS1
Sample Info: PB44LCSS1
Volume Injected (uL): 2.0
Column phase: ZB-5

Instrument: nt2.i
Operator: VTS
Column diameter: 0.32

PB44:66675



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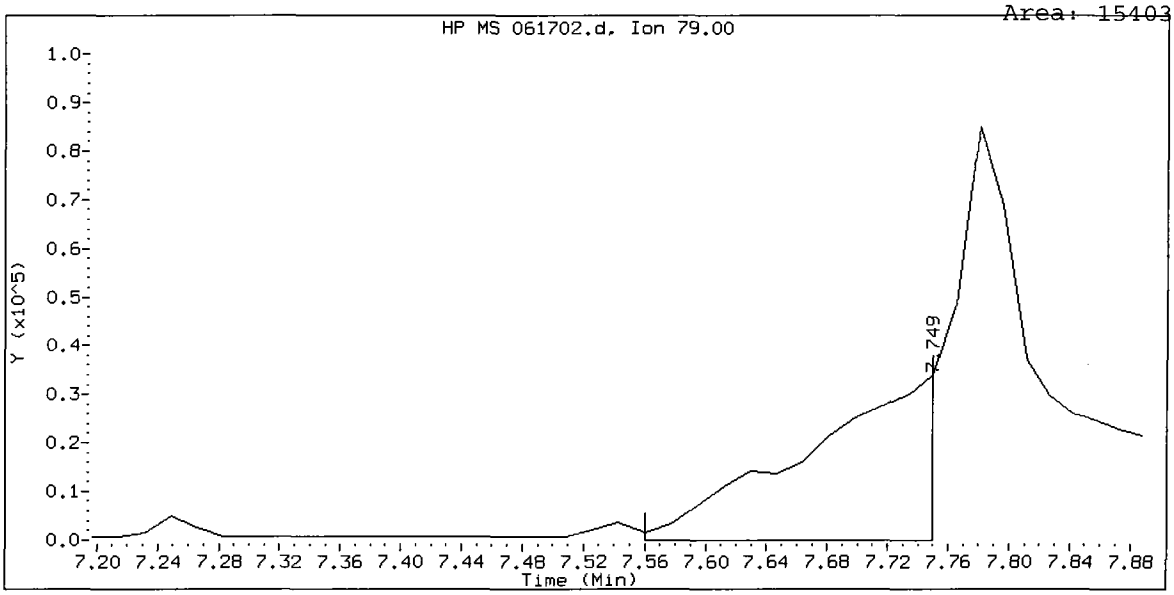
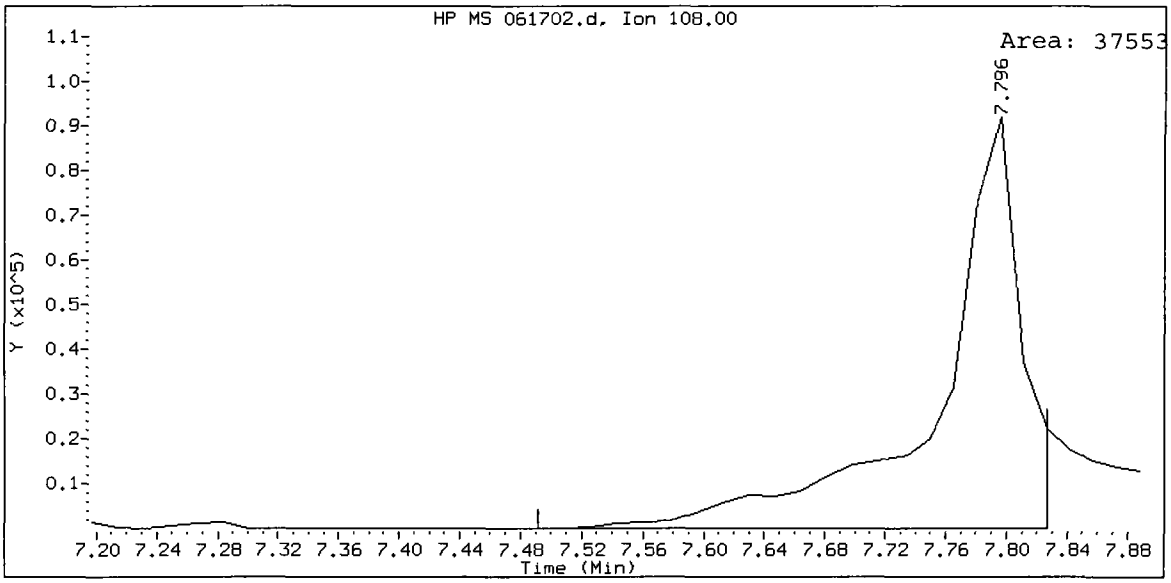
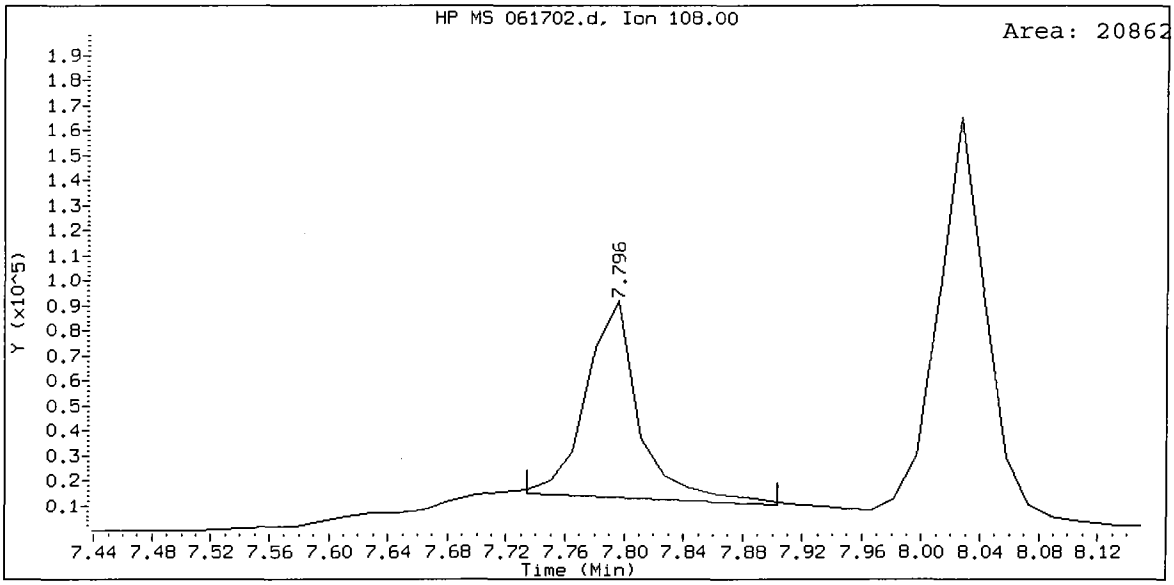
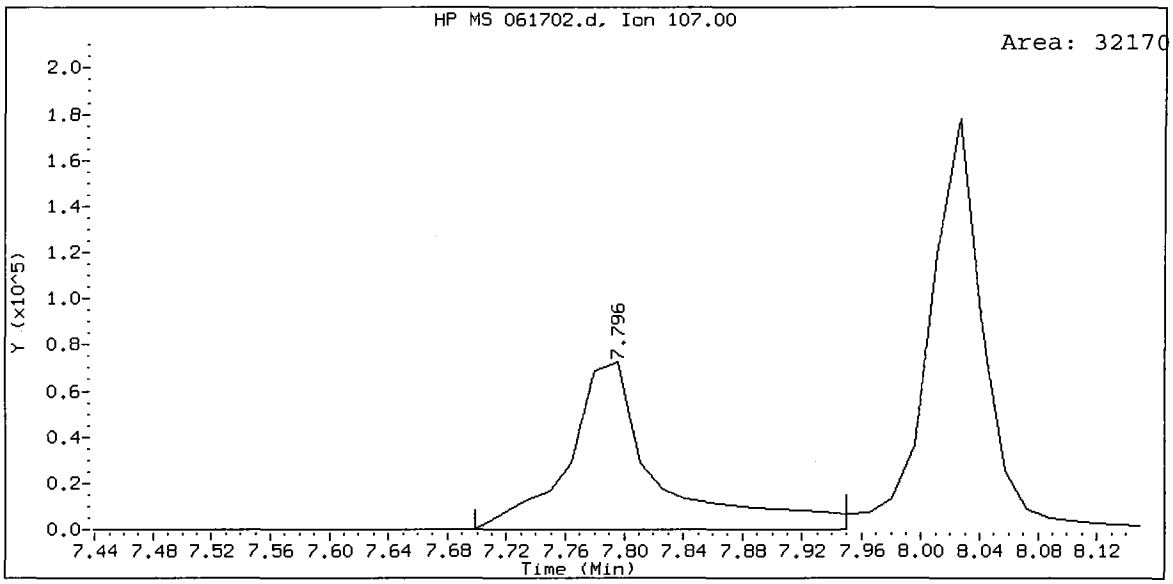
Benzyl alcohol Amount: 1.37

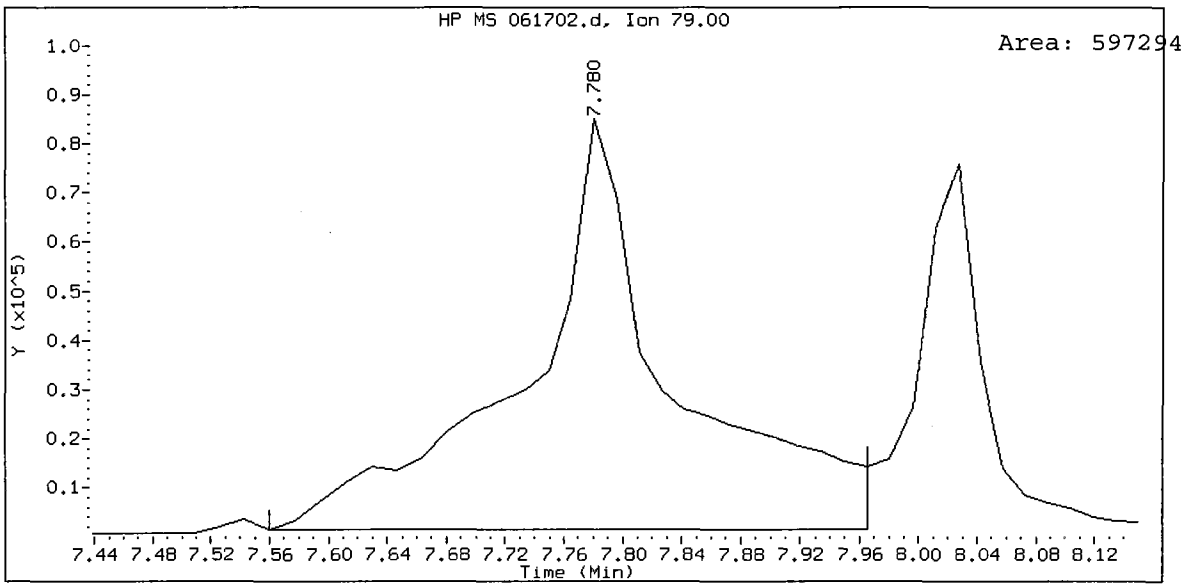




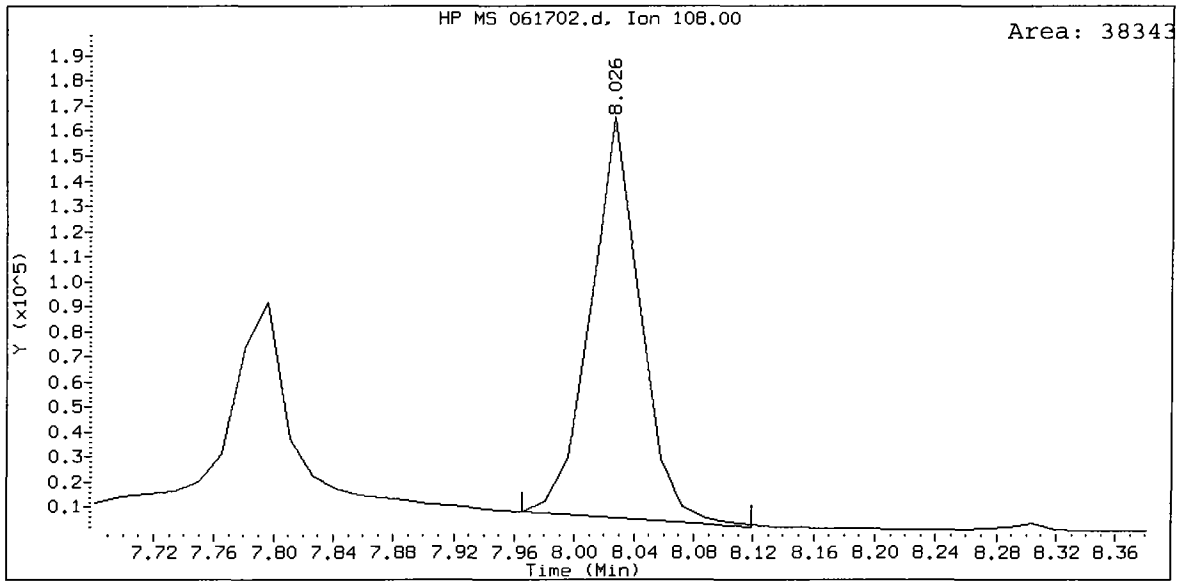
PB44LCSS1, /chem3/nt2.i/20090617.b/061702.d
2-Methylphenol Amount: 1.96

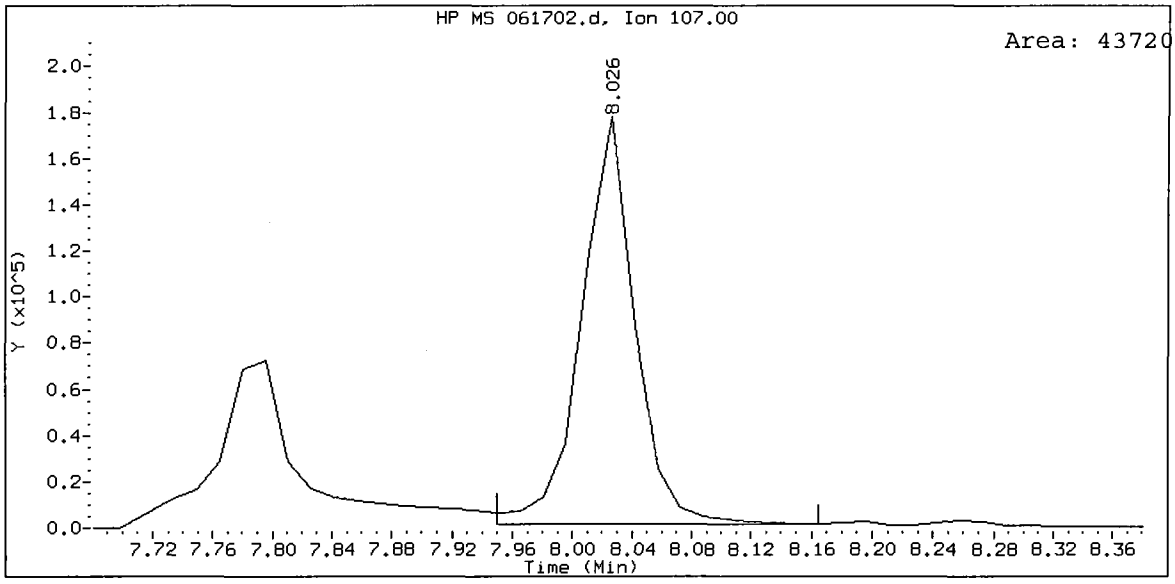


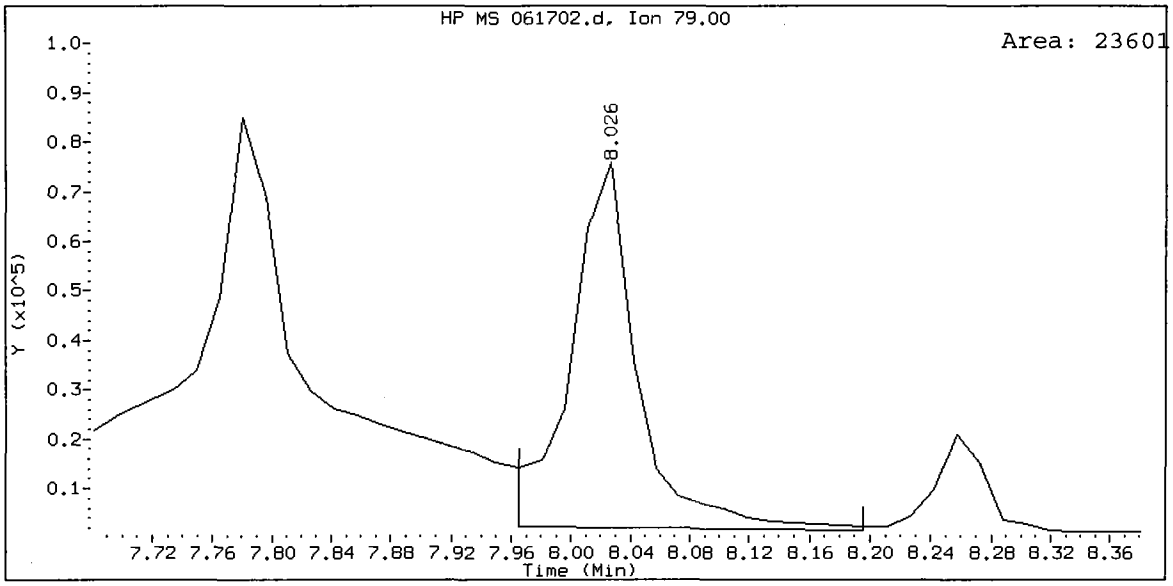




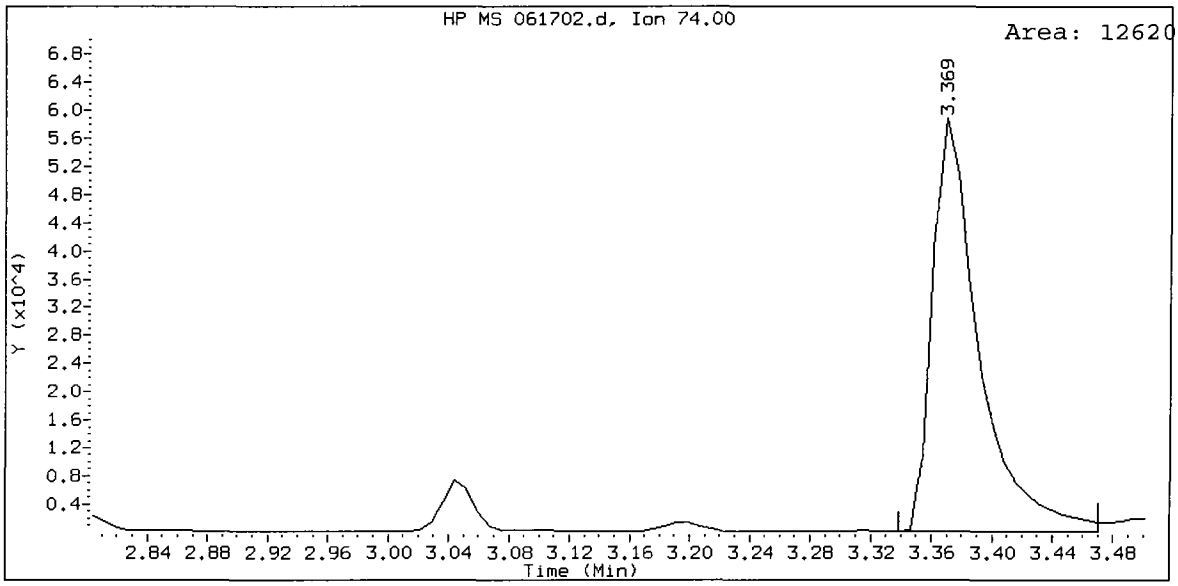
PB44LCSS1, /chem3/nt2.i/20090617.b/061702.d
4-Methylphenol Amount: 3.52

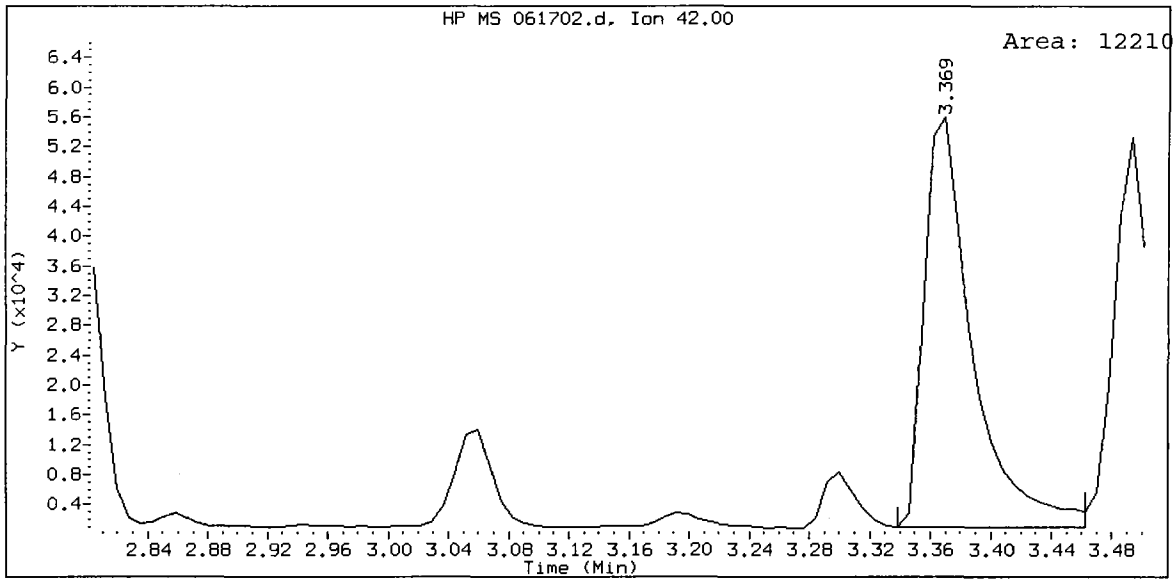






PB44LCSS1, /chem3/nt2.i/20090617.b/061702.d
N-Nitrosodimethylamine Amount: 1.60





SIM Semivolatile Analysis
Extraction Bench Sheets/Run Logs

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet

8270 SIM BAN PSDDA–Soil/Sediment Sonication (3550B) SOP # 374S

Preparation Test BAN # 7 SIM BAN

ARI Job No(s) PB44 Batch set up by: SH

Bottle #	Extraction Requirements	Verify Client ID	Volume Extracted	KD	Turbo Vap 1 2 3	GPC Prep Filter (1:1)	(REQ) GPC (1:1) 1 or 2 Y N	Post GPC KD	Turbo Vap 1 2 3	Final Effective Volume	Volume to Lab	Comments
	MBS PB44	Date 6-9-09	16g			.45	6/11/09			1mL	1mL	(Use 5g Pre-Deactivated Sodium Sulfate for Blanks)
	SBS											
	~~SBS Dup.~~											
3	PB44 A	verified	24.25g			GDX						
4	B		21.34g			.45						
3	C		22.54g									
3	D		24.83g			GDX						
3	E		34.85g			GDX						
3	F		26.18g			GDX						
4	G		24.61g			.45						
4	H		19.44g									
	Hms		19.21g			GDX						
	Hmsd		19.45g			.45						
4	I		19.65g									
4	J		23.67g			GDX						
4	K		32.29g									
4	L		32.62g									
4	M		35.07g									
4	N		31.88g									
4	O		26.08g									
Analyst/Date:		PD 6-9-09		AR 6/10/09	CSZ 6/11/09	→	→	RE 6/12/09	SP 6/12/09	→		

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Diluted Surrogate	C2	100µL	3/13/14	PD	AC
Diluted Full List Spike	24	250µL	2/28/14	PD	AC
Diluted Base Spike	23	250µL	3/24/14	PD	AC
Diluted Acid Spike	14	250µL	4/14/14	PD	AC
Extraction Time: 1:15p					

SPECIAL INSTRUCTIONS: 1. Weigh soil/sed into 600mL or 400mL beakers. 2. Use 5g Pre-Deactivated Sodium Sulfate for Blanks. 3. Add surr/spike. 4. Add 1:1 DCM/Acetone. 5. Dry using neutral sodium sulfate-25g Max at first-A small amt of Additional sulfate may be needed after 10 min. or before 2nd sonication? 6. Sonicate 2X with 1:1 DCM/Acetone + 1X DCM only. 7. Collect into 500mL flask + Lg funnel with a small amount pre-deactivated glasswool only (NO SODIUM SULFATE). 8. KD (Small Drying Column with pre-deactivated glasswool plug+neutral Sodium Sulfate) at 85-90°. (Blanks=only 5g Sodium Sulfate. 9. TurboVap. 10. GPC Required (1:1) 11. KD (after GPC=No drying column) at 80°. 12. TurboVap. 13. Vial in DCM.
A. Need Total Solids Y /(N) B. Archive/Freeze Y /(N)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: PB44 Client ID: Environmental Science Corp

Parameter: 5IM 5VOA Client Project: Jeld-Wen Nord Door

SOP Number(s): 3745 No Anomalies:

List problems, concerns, corrective actions and any other pertinent information
PB44 D = one small drop of surrogate left out of sample beaker while surrogating.
Sample F = a small amount of solvent spilled out of beaker while performing the
first sonication due to the setting being a little high for a fairly small sample Amount.
6/9/09 PD
Extracts H, Hms, Hmsd = Hms required A GDX Filter where H & Hmsd did not - used 0.45µm
6/11/09 CJZ
Hms and Hmsd Chromatograms did not match 6/11/09 CJZ

Analyst Initials:	PD TH	Date:	6-9-09 TH

Analytical Resources Inc.: Organics Instrument Log

NT-2 Serial No.: 82321977

Date: 5/14/09 Analysis: SIM ABN Analyst: JK

GC Program: SIMWIND Column No: 154335 Column Type: 25m rtsi

Instrument Tune (.U or .CT.): 090313.U EM Voltage: 2400

Calibration File: df0511 Curve Date: 5/11/09

IS/SS	Ical/Ccal	LCS/ICV
1584-1	1550-1,2	
	(1551, 1552, 1553)-1	

INTERNAL STANDARD SUMMARY FOR DATABATCH - /chem3/nt2.i/20090511.b/tune.b

	Time	Filename	LabID	ClientId	DF									
1	1113	fs0511.d	ABN 25		1	NO ISTDS FOUND								
2	1217	ic051101.d	ABN 2.5		1	7.88	119785	9.88	372217	12.72	182713	15.09	286879	19.41	251912	21.58	231524
3	1250	ic051102.d	ABN 10		1	7.89	163823	9.90	475727	12.72	232658	15.11	392733	19.43	346324	21.58	314498
4	1323	ic051103.d	ABN 0.1		1	7.89	129315	9.88	365716	12.72	175890	15.09	301577	19.41	269577	21.57	249669
5	1357	ic051104.d	ABN 5		1	7.89	141854	9.88	426510	12.72	209873	15.11	336119	19.41	301395	21.58	274183
6	1432	ic051105.d	ABN 0.5		1	7.88	133094	9.88	388129	12.72	197507	15.09	320964	19.41	281495	21.57	255895
7	1506	ic051106.d	ABN 1		1	7.88	141330	9.88	409195	12.72	210100	15.09	330345	19.41	285999	21.57	270022
8	1540	ic051107.d	ICV		1	7.88	137062	9.88	379995	12.72	206756	15.09	313632	19.41	294587	21.57	271892
9	1639	051101.d	OW95MBS1	OW95MBS1	1	7.87	125969	9.88	395227	12.72	194966	15.09	303242	19.41	260191	21.57	171087
10	1713	051102.d	OW95LCSS1	OW95LCSS1	1	7.87	124262	9.88	382642	12.72	191566	15.09	298149	19.41	257000	21.57	187290
11	1747	051103.d	OW95SRM1	SQ-1	1	7.89	121581	9.88	379628	12.72	185402	15.11	302538	19.41	214426	21.58	176133
12	1821	051104.d	OW95A	LDW-ISWM-A5-01	3	7.89	114479	9.90	342236	12.73	203830	15.14	390990	19.49	199028	21.65	68515
13	1855	051105.d	OW95H	LDW-ISWM-A3-02	5	7.89	127419	9.88	346120	12.72	180761	15.11	286094	19.46	224707	21.63	79715

JK 5/13/09

Maintenance / Comments

New liner, clip col.

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): ICO51101

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: _____ Client ID: _____

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) **804S**(8270D)

Parameter(s): NTL SIM ABN CURVE 5/11/09

Instrument: NT-1 (NT-2) NT-4 NT-6 NT-8

Curve Date: _____ Analysis Start Date: _____

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	(YES) / NO
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	YES / NO
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	YES / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	YES / NO
CCal Meets RF & %RSD Criteria?	YES / NO	Special Analysis Criteria Met?	YES / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

All cmpds < 20% RSD

Additional Details on Reverse: Yes / No

Analyst Signature: _____ **Date:** 5/12/09

Reviewer's Signature: _____ **Date:** 6/18/09

Analytical Resources Inc.: Organics Instrument Log

NT-2 Serial No.: 82321977

Date: 6/16/09 Analysis: SIM ABN Analyst: mh

GC Program: SIMWIND Column No: 154335 Column Type: 5ms i

Instrument Tune (.U or .CT.): 090313.U EM Voltage: 2647

Calibration File: fs0616 Curve Date: 5/11/09

IS/SS	Ical/Ccal	LCS/ICV
	1550-1,2	
1584-1	(1551, 1552, 1553)-1	

	Time	Filename	LabID	ClientId	DF											
1	1003	fs0616.d	ABN 25		1	7.38	1015041	9.37	3696634	12.20	1925048	14.55	3081768	18.85	3007472	20.99	2537808
2	1048	cc0616.d	ABN 2.5		1	7.37	132014	9.34	417153	12.17	190197	14.53	313552	18.81	261538	20.95	222745
3	1125	061601.d	PB44MBS1	PB44MBS1	1	7.35	137704	9.34	425736	12.17	205592	14.53	331730	18.80	246306	20.95	89979
4	1159	061602.d	PB44LCSS1	PB44LCSS1	1	7.35	134381	9.34	416673	12.17	208051	14.53	334267	18.81	241061	20.95	94119
5	1233	061603.d	PB44A	3SED4-A	1	7.37	132671	9.34	405979	12.18	184301	14.53	285677	18.81	213557	20.97	161216
6	1307	061604.d	PB44B	3SED4-B	1	7.37	134035	9.34	419683	12.17	187552	14.53	312857	18.81	218519	20.97	151844
7	1341	061605.d	PB44C	3SED4-C	1	7.37	132869	9.34	407038	12.17	188968	14.53	321516	18.81	213259	20.97	147003
8	1416	061606.d	PB44D	3SED3-A	1	7.37	133886	9.34	397860	12.18	190700	14.53	281748	18.83	145111	21.01	64764
9	1450	061607.d	PB35J	3SED2-C	3	7.37	147571	9.34	416997	12.18	214856	14.54	390729	18.83	221016	21.00	105189
10	1524	061608.d	PB44MBS1	PB44MBS1	1	7.37	141922	9.34	422007	12.18	205993	14.53	341380	18.81	187812	20.97	74162
11	1558	061609.d	PB44LCSS1	PB44LCSS1	1	7.37	135088	9.34	406647	12.18	201148	14.53	326061	18.81	208099	20.97	78547
12	1632	061610.d	PB44E	3SED3-B	1	7.37	131151	9.34	392504	12.18	195985	14.53	318567	18.83	149953	20.98	60332
13	1707	061611.d	PB44F	3SED3-C	1	7.37	129841	9.34	384314	12.18	200024	14.53	315754	18.83	134175	21.00	55840
14	1741	061612.d	PB44G	3SED6-A	1	7.37	130455	9.34	378052	12.18	190367	14.53	326508	18.81	135267	20.97	49698
15	1815	061613.d	PB44H	3SED6-B	1	7.37	132245	9.34	393967	12.18	194225	14.53	321600	18.81	147484	20.97	63854
16	1849	061614.d	PB44HMS	3SED6-B MS	1	7.37	128688	9.34	382549	12.18	192373	14.53	298036	18.83	140198	20.97	50095
17	1924	061615.d	PB44HMSD	3SED6-B MSD	1	7.37	132592	9.34	394676	12.18	198108	14.53	337595	18.81	143248	20.95	51536
18	1958	061616.d	PB44I	3SED6-C	1	7.37	128888	9.34	384179	12.18	185726	14.53	329140	18.81	144291	20.97	59775
19	2033	061617.d	PB44J	3SED7-A	1	7.37	126600	9.34	377931	12.18	196597	14.53	309459	18.83	114085	20.98	43257
20	2108	061618.d	PB44K	3SED7-B	1	7.38	131209	9.34	385005	12.18	204975	14.53	325170	18.83	126528	20.97	51970
21	2143	061619.d	PB44L	3SED7-C	1	7.38	130418	9.34	373078	12.18	196735	14.53	329315	18.83	123234	20.98	48937
22	2217	061620.d	PB44M	3SED9-A	1	7.39	129231	9.34	370298	12.18	196390	14.54	365043	18.84	125684	21.00	46320
23	2252	061621.d	PB44N	3SED9-B	1	7.38	131886	9.34	380860	12.18	205646	14.54	368840	18.84	133592	21.00	60424
24	2327	061622.d	PB44O	3SED9-C	1	7.39	127793	9.34	372232	12.18	196264	14.54	353512	18.84	120976	21.00	46375

mh 6/17/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): cc0616

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources Inc.: Organics Instrument Log

NT-2 Serial No.: 82321977

Date: 6/17/09 Analysis: SIMABN Analyst: pk

GC Program: SIMWIND Column No: 154335 Column Type: 35 MSi

Instrument Tune (.U or .CT.): 090313.U EM Voltage: 2647

Calibration File: fs0617 Curve Date: 5/11/09

IS/SS	Ical/Ccal	LCS/ICV
	1550-1,2	
1584-1	(1551, 1552, 1553) - 1	

INTERNAL STANDARD SUMMARY FOR DATABATCH - /chem3/nt2.i/20090617.b

	Time	Filename	LabID	ClientId	DF										
1	1021	fs0617.d	ABN 25		1	7.29	991977	9.28	3613208	12.11	1936615	14.47	3243581	18.77	3188641	20.91	2403553
2	1211	cc0617.d	ABN 2.5		1	7.28	144666	9.26	422864	12.08	214881	14.45	351672	18.73	299528	20.87	236527
3	1314	061701.d	PB44MBS1	PB44MBS1	1	7.27	184235	9.24	541859	12.08	264587	14.44	442822	18.73	343623	20.88	166639
4	1348	061702.d	PB44LCSS1	PB44LCSS1	1	7.27	166797	9.24	488662	12.08	238808	14.44	380696	18.73	324446	20.87	164961
5	1423	061703.d	PB44A	3SED4-A	1	7.27	153969	9.24	439765	12.08	224714	14.45	355112	18.73	259124	20.90	186634
6	1457	061704.d	PB44B	3SED4-B	1	7.28	151606	9.24	437146	12.08	226265	14.44	391921	18.73	260828	20.90	188843
7	1531	061705.d	PB44C	3SED4-C	1	7.28	164068	9.26	469486	12.08	246410	14.44	433253	18.74	284768	20.90	177664
8	1606	061706.d	PB44D	3SED3-A	3	7.28	137211	9.26	391139	12.08	202060	14.45	341538	18.75	212470	20.93	93765
9	1640	061707.d	PB44E	3SED3-B	3	7.28	146253	9.26	426365	12.08	213637	14.44	364447	18.74	220857	20.90	95272
10	1714	061708.d	PB44F	3SED3-C	3	7.28	146021	9.26	411327	12.08	203735	14.44	367162	18.75	209470	20.90	90389
11	1748	061709.d	PB44G	3SED6-A	3	7.28	141328	9.26	414691	12.08	201761	14.44	365506	18.73	218886	20.88	85770
12	1823	061710.d	PB44H	3SED6-B	3	7.28	139868	9.26	404812	12.08	204255	14.44	375200	18.73	238684	20.88	92093
13	1857	061711.d	PB44HMS	3SED6-B MS	3	7.28	143559	9.26	399712	12.08	207632	14.45	347864	18.73	228733	20.88	92655
14	1931	061712.d	PB44HMSD	3SED6-B MSD	3	7.28	141148	9.24	390807	12.08	214249	14.45	372535	18.73	267220	20.87	96256
15	2006	061713.d	PB44I	3SED6-C	3	7.28	136104	9.24	381115	12.08	206451	14.45	360558	18.73	231055	20.87	93135
16	2040	061714.d	PB44J	3SED7-A	3	7.29	135453	9.26	383956	12.08	205886	14.44	328344	18.73	198961	20.90	75424
17	2115	061715.d	PB44K	3SED7-B	3	7.28	142631	9.26	389656	12.08	210139	14.44	353004	18.73	196718	20.88	81941
18	2149	061716.d	PB44L	3SED7-C	3	7.28	128363	9.26	356219	12.08	191719	14.44	334358	18.73	188215	20.88	73711
19	2223	061717.d	PB44M	3SED9-A	3	7.28	135215	9.26	378986	12.08	202688	14.45	378832	18.74	196739	20.90	75001
20	2258	061718.d	PB44N	3SED9-B	3	7.28	134843	9.26	375726	12.08	200581	14.45	372358	18.74	193571	20.90	74798
21	2332	061719.d	PB44O	3SED9-C	3	7.28	134674	9.26	382514	12.08	198392	14.45	364301	18.73	193652	20.90	74406

6/18/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control): CC0617

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC/MS SVOA Analyst Notes / Corrective Action Log

ARI Project ID: PB44 Client ID: BSC

ARI SOP: **801S**(SIM-PNA) **802S**(BTS-HX) **803S**(BTS-PW) **804S**(8270D)

Parameter(s): Sim APAH

Instrument: NT-1 (NT-2) NT-4 NT-6 NT-8

Curve Date: 5/11/09 Analysis Start Date: 6/16/09

DFTPP Tune Meets Criteria?	(YES) / NO	Internal Standard Meets Criteria?	YES / (NO)
DDT Breakdown <20%?	(YES) / NO / NA	Method Blank In Control?	(YES) / NO
Peak Tailing Factor In Control?	(YES) / NO / NA	LCS / LCSD Recovery In Control?	(YES) / NO
ICal Meets RF & %RSD Criteria?	(YES) / NO	Surrogate Recovery In Control?	(YES) / NO
CCal Meets RF & %RSD Criteria?	(YES) / NO	Special Analysis Criteria Met?	YES / NO / NA

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

Almost all samples run 2x (1x and 3x) due to d_{12}-perylene IS going out. Still out @ 3x.
- presume due to addols/matrix
- report both runs

See Analyst (Ext) notes

Additional Details on Reverse: Yes / No

Analyst Signature: [signature] **Date:** 6/18/09

Reviewer's Signature: [signature] **Date:** 6/19/09

PCB Analysis
QC Summary Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
3SED4-A	89.9%	34-141	78.4%	38-102	0
3SED4-B	80.6%	34-141	74.0%	38-102	0
3SED4-C	82.2%	34-141	71.1%	38-102	0
MB-061009	64.8%	40-109	57.8%	35-100	0
LCS-061009	67.5%	40-109	54.0%	35-100	0
3SED3-A	NR	34-141	72.5%	38-102	0
3SED3-A MS	102%	34-141	77.8%	38-102	0
3SED3-A MSD	109%	34-141	77.4%	38-102	0
3SED3-B	113%	34-141	68.8%	38-102	0
3SED3-C	107%	34-141	73.5%	38-102	0
3SED6-A	99.8%	34-141	68.1%	38-102	0
3SED6-B	82.4%	34-141	67.1%	38-102	0
3SED6-C	90.4%	34-141	75.5%	38-102	0
3SED7-A	105%	34-141	80.0%	38-102	0
3SED7-B	82.5%	34-141	72.0%	38-102	0
3SED7-C	108%	34-141	79.4%	38-102	0
3SED9-A	118%	34-141	79.4%	38-102	0
3SED9-B	105%	34-141	73.9%	38-102	0
3SED9-C	92.2%	34-141	71.9%	38-102	0

Low Level PSDDA Control Limits
Prep Method: SW3550B
Log Number Range: 09-12787 to 09-12801

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED3-A
MS/MSD

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted MS/MSD: 06/10/09

Date Analyzed MS: 06/14/09 01:37
MSD: 06/14/09 01:54
Instrument/Analyst MS: ECD5/JGR
MSD: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount MS: 25.3 g-dry-wt
MSD: 25.4 g-dry-wt
Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL
Dilution Factor MS: 5.00
MSD: 5.00
Silica Gel: Yes

Percent Moisture: 16.3%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 4.0 U	12.5	19.8	63.1%	13.4	19.7	68.0%	6.9%
Aroclor 1260	7.3	24.4	19.8	86.4%	27.3	19.7	102%	11.2%

Results reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: LCS-061009
LAB CONTROL

Lab Sample ID: LCS-061009
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 00:11
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	12.3	20.0	61.5%
Aroclor 1260	15.8	20.0	79.0%

PCB Surrogate Recovery

Decachlorobiphenyl	67.5%
Tetrachlorometaxylene	54.0%

Results reported in µg/kg (ppb)

PCB METHOD BLANK SUMMARY

BLANK NO.

PB44MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ESC

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

Lab Sample ID: PB44MBS1 Lab File ID: 0613B044

Date Extracted: 06/10/09 Matrix: SOLID

Date Analyzed: 06/13/09 Instrument ID: ECD5

Time Analyzed: 2354 GC Columns: ZB5/ZB35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	PB44LCSS1	PB44LCSS1	06/14/09
02	3SED4-A	PB44A	06/14/09
03	3SED4-B	PB44B	06/14/09
04	3SED4-C	PB44C	06/14/09
05	3SED3-A	PB44D	06/14/09
06	3SED3-A MS	PB44DMS	06/14/09
07	3SED3-A MSD	PB44DMSD	06/14/09
08	3SED3-B	PB44E	06/14/09
09	3SED3-C	PB44F	06/14/09
10	3SED6-A	PB44G	06/14/09
11	3SED6-B	PB44H	06/14/09
12	3SED6-C	PB44I	06/14/09
13	3SED7-A	PB44J	06/15/09
14	3SED7-B	PB44K	06/15/09
15	3SED7-C	PB44L	06/15/09
16	3SED9-A	PB44M	06/15/09
17	3SED9-B	PB44N	06/15/09
18	3SED9-C	PB44O	06/15/09
19	OWS132-060809	PB85A	06/15/09
20	CB185-060809	PB85E	06/15/09

ALL RUNS ARE DUAL COLUMN

FORM 8
PCB INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 ID: 0.53(mm) Instrument ID: ECD5

Init. Calib. Date: 06/07/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

			IS1 AREA	RT	IS2 AREA	RT
		ICAL MIDPT	30034732	1.761	12924817	11.307
		UPPER LIMIT	60069464	1.861	25849634	11.407
		LOWER LIMIT	15017366	1.661	6462408	11.207

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
01		IB	06/07/09	0822	29887365	1.755	12901852	11.307
02		0.25 PPM AR1	06/07/09	0839	30034732	1.761	12924817	11.307
03		0.02 PPM AR1	06/07/09	0856	29369163	1.760	12848888	11.308
04		1 PPM AR1660	06/07/09	0913	31598915	1.756	13740600	11.308
05		0.1 PPM AR16	06/07/09	0930	30012814	1.758	13053340	11.308
06		0.5 PPM AR16	06/07/09	0948	30019383	1.758	12990089	11.307
07	ZZZZZ	ZZZZZ	06/07/09	1005	30086173	1.757	13150790	11.307
08		AR1242	06/07/09	1022	30167469	1.759	13147198	11.307
09		AR1248	06/07/09	1039	30307679	1.761	13195695	11.307
10		AR1254	06/07/09	1056	30117529	1.762	13234814	11.307
11		AR2162	06/07/09	1113	30155380	1.760	13091416	11.307
12		AR3268	06/07/09	1130	30793809	1.759	13362803	11.307
13		AR1248	06/13/09	2319	28324441	1.755	10699528	11.307
14		AR1660	06/13/09	2336	30065368	1.765	11450186	11.307
15	PB44MBS1	PB44MBS1	06/13/09	2354	31144153	1.762	12365913	11.307
16	PB44LCSS1	PB44LCSS1	06/14/09	0011	31496328	1.765	12244043	11.306
17	3SED4-A	PB44A	06/14/09	0028	28594227	1.764	10778891	11.307
18	3SED4-B	PB44B	06/14/09	0045	28009406	1.762	10320465	11.307
19	3SED4-C	PB44C	06/14/09	0103	29140188	1.762	10778554	11.307
20	3SED3-A	PB44D	06/14/09	0120	29171976	1.771	10451213	11.310
21	3SED3-A MS	PB44DMS	06/14/09	0137	28582622	1.767	9938023	11.310
22	3SED3-A MSD	PB44DMSD	06/14/09	0154	27894264	1.770	9190345	11.310
23	3SED3-B	PB44E	06/14/09	0211	29540739	1.771	9189157	11.309
24	3SED3-C	PB44F	06/14/09	0229	27098317	1.770	9262847	11.309
25	3SED6-A	PB44G	06/14/09	0246	28316982	1.764	8892451	11.307
26	3SED6-B	PB44H	06/14/09	0303	28812721	1.768	9175320	11.308
27	3SED6-C	PB44I	06/14/09	0320	28239011	1.765	9478786	11.307
28		AR1242	06/14/09	0337	27806893	1.762	8874244	11.307
29		AR1660	06/14/09	0355	29938487	1.764	9739205	11.308
30		AR1242	06/15/09	1129	25552118	1.768	8751214	11.308
31		AR1660	06/15/09	1147	27944327	1.765	9827983	11.308
32	3SED7-A	PB44J	06/15/09	1204	28477204	1.769	10017364	11.309

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- 0.1 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

FORM 8
PCB INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 ID: 0.53(mm) Instrument ID: ECD5

Init. Calib. Date: 06/07/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

					IS1 AREA	RT	IS2 AREA	RT
				ICAL MIDPT	30034732	1.761	12924817	11.307
				UPPER LIMIT	60069464	1.861	25849634	11.407
				LOWER LIMIT	15017366	1.661	6462408	11.207
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
33	3SED7-B	PB44K	06/15/09	1221	27559527	1.769	9836115	11.308
34	3SED7-C	PB44L	06/15/09	1238	27242833	1.764	9756735	11.309
35	3SED9-A	PB44M	06/15/09	1255	26529587	1.764	9431028	11.308
36	3SED9-B	PB44N	06/15/09	1312	27894155	1.765	10324371	11.308
37	3SED9-C	PB44O	06/15/09	1330	27532183	1.762	9669926	11.308
38	ZZZZZ	ZZZZZ	06/15/09	1347	26170727	1.766	9623432	11.308
39	ZZZZZ	ZZZZZ	06/15/09	1404	28876869	1.762	10297956	11.307
40		AR1248	06/15/09	1421	25914269	1.762	8829878	11.307
41		AR1660	06/15/09	1438	28193289	1.764	9764614	11.307

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- 0.1 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

FORM 8
PCB INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 ID: 0.53(mm) Instrument ID: ECD5

Init. Calib. Date: 06/07/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

					IS1 AREA	RT	IS2 AREA	RT
				ICAL MIDPT	33277512	3.099	11348053	12.349
				UPPER LIMIT	66555024	3.199	22696106	12.449
				LOWER LIMIT	16638756	2.999	5674026	12.249
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
01		IB	06/07/09	0822	33185708	3.098	11275214	12.349
02		0.25 PPM AR1	06/07/09	0839	33277512	3.099	11348053	12.349
03		0.02 PPM AR1	06/07/09	0856	32683455	3.098	11133973	12.350
04		1 PPM AR1660	06/07/09	0913	34761569	3.097	11959049	12.350
05		0.1 PPM AR16	06/07/09	0930	33204809	3.100	11361303	12.349
06		0.5 PPM AR16	06/07/09	0948	33251696	3.098	11335962	12.350
07	ZZZZZ	ZZZZZ	06/07/09	1005	33173937	3.101	11376607	12.350
08		AR1242	06/07/09	1022	33295484	3.100	11411072	12.350
09		AR1248	06/07/09	1039	33578987	3.100	11440312	12.349
10		AR1254	06/07/09	1056	33481987	3.103	11520226	12.349
11		AR2162	06/07/09	1113	33453094	3.101	11405896	12.349
12		AR3268	06/07/09	1130	34110441	3.100	11603540	12.349
13		AR1248	06/13/09	2319	32230318	3.090	10652378	12.344
14		AR1660	06/13/09	2336	34116329	3.097	11319787	12.344
15	PB44MBS1	PB44MBS1	06/13/09	2354	31159865	3.095	12316408	12.344
16	PB44LCSS1	PB44LCSS1	06/14/09	0011	36159617	3.098	11944808	12.343
17	3SED4-A	PB44A	06/14/09	0028	32392419	3.098	11340925	12.344
18	3SED4-B	PB44B	06/14/09	0045	31623836	3.098	10751478	12.344
19	3SED4-C	PB44C	06/14/09	0103	32725541	3.099	11250051	12.343
20	3SED3-A	PB44D	06/14/09	0120	32730065	3.103	11113474	12.346
21	3SED3-A MS	PB44DMS	06/14/09	0137	32425471	3.101	10674403	12.346
22	3SED3-A MSD	PB44DMSD	06/14/09	0154	31587108	3.102	9968434	12.346
23	3SED3-B	PB44E	06/14/09	0211	31342727	3.101	10120133	12.346
24	3SED3-C	PB44F	06/14/09	0229	30320475	3.102	9795722	12.346
25	3SED6-A	PB44G	06/14/09	0246	32534378	3.099	9613082	12.345
26	3SED6-B	PB44H	06/14/09	0303	33313001	3.102	9857398	12.345
27	3SED6-C	PB44I	06/14/09	0320	32567023	3.102	9939070	12.345
28		AR1242	06/14/09	0337	32403366	3.098	9478779	12.343
29		AR1660	06/14/09	0355	34518373	3.096	10238402	12.345
30		AR1242	06/15/09	1129	28782788	3.099	8964755	12.344
31		AR1660	06/15/09	1147	31714782	3.100	9878141	12.344
32	3SED7-A	PB44J	06/15/09	1204	31219755	3.102	10591741	12.344

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- 0.1 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

FORM 8
PCB INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 ID: 0.53(mm) Instrument ID: ECD5

Init. Calib. Date: 06/07/09

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

					IS1 AREA	RT	IS2 AREA	RT
				ICAL MIDPT	33277512	3.099	11348053	12.349
				UPPER LIMIT	66555024	3.199	22696106	12.449
				LOWER LIMIT	16638756	2.999	5674026	12.249
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME	IS1 AREA	RT	IS2 AREA	RT
33	3SED7-B	PB44K	06/15/09	1221	30837678	3.100	10346382	12.344
34	3SED7-C	PB44L	06/15/09	1238	30725931	3.097	10314391	12.344
35	3SED9-A	PB44M	06/15/09	1255	29258444	3.096	10290145	12.344
36	3SED9-B	PB44N	06/15/09	1312	31290589	3.101	10260161	12.344
37	3SED9-C	PB44O	06/15/09	1330	30934118	3.095	10463251	12.344
38	ZZZZZ	ZZZZZ	06/15/09	1347	29232200	3.098	9745871	12.343
39	ZZZZZ	ZZZZZ	06/15/09	1404	32813701	3.096	10416883	12.343
40		AR1248	06/15/09	1421	29736878	3.095	9071118	12.343
41		AR1660	06/15/09	1438	32547580	3.096	9917879	12.343

IS1 = 1-Bromo-2-Nitrobenzene RT Window = RT +/- 0.1 min
IS2 = Hexabromobiphenyl

* Indicates value outside QC Limits

PCB Analysis
Sample Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED4-A
SAMPLE

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 00:28
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 17.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.8	< 3.8 U
53469-21-9	Aroclor 1242	3.8	< 3.8 U
12672-29-6	Aroclor 1248	3.8	< 3.8 U
11097-69-1	Aroclor 1254	3.8	< 3.8 U
11096-82-5	**Aroclor 1260**	**3.8**	**5.1**
11104-28-2	Aroclor 1221	3.8	< 3.8 U
11141-16-5	Aroclor 1232	3.8	< 3.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	89.9%
Tetrachlorometaxylene	78.4%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B046.d
Data file 2: 20090606.B/0613-2.b/0613B046.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44A
Client ID:
Injection Date: 14-JUN-2009 00:28
Report Date: 06/17/2009 09:13
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.398	-0.001	2347377	4.966	0.000	2532608	6.3	6.0	3.6	Tetrachloro-m-xylene
11.059	-0.001	2125058	11.702	-0.001	1806207	7.2	5.5	26.3	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	78.4	75.6
Decachlorobiphenyl	89.9	69.0

pc 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28594227	-4.8
Hexabromobiphenyl	12924817	10778891	-16.6

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32392419	-2.7
Hexabromobiphenyl	11348053	11340925	-0.1

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

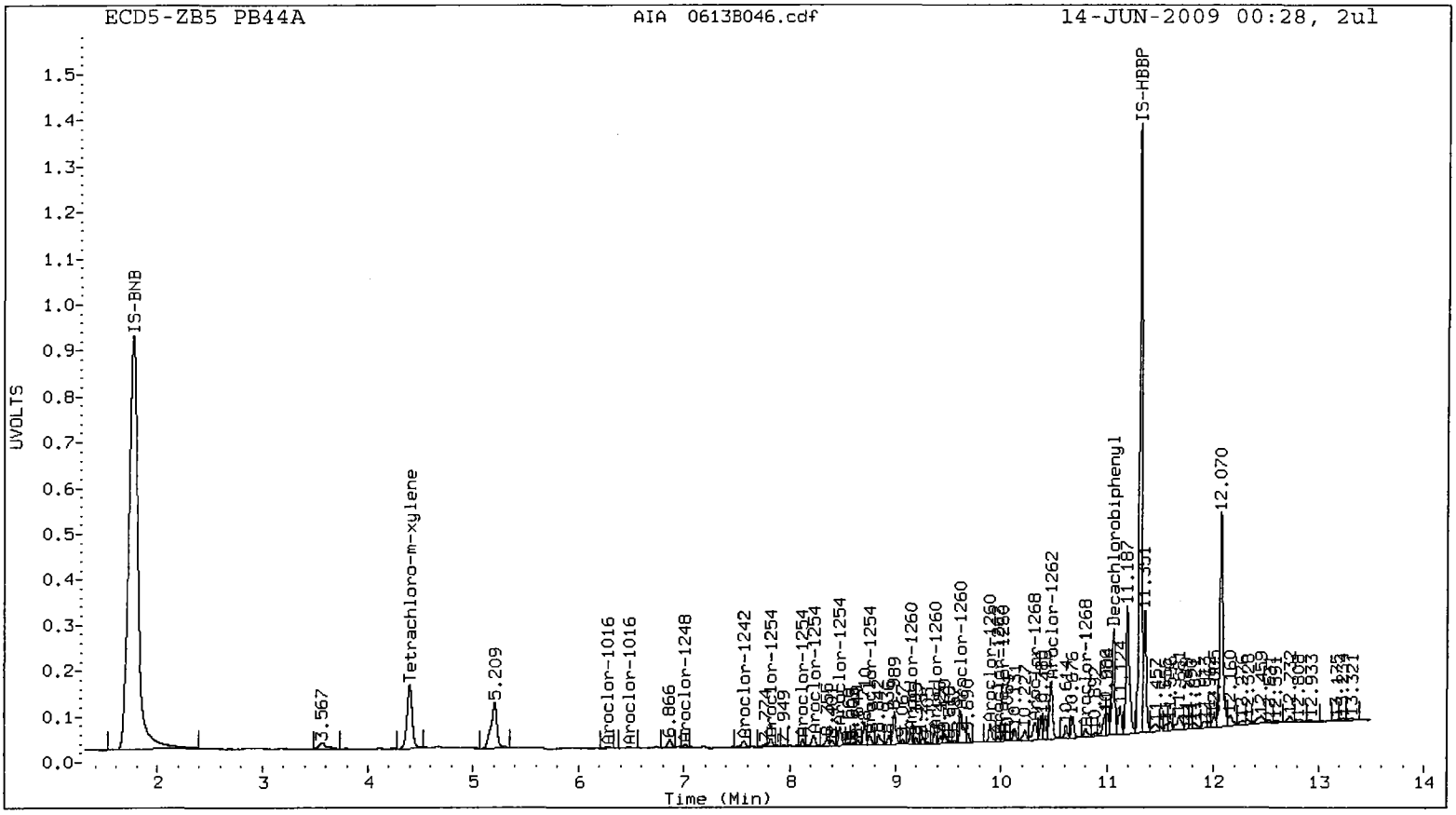
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.537	0.007	42911	2.9
Aroclor-1016	2	6.277	-0.001	48007	1.7	2	7.082	-0.027	114230	3.7
Aroclor-1016	3	6.478	0.057	73004	6.1	3	7.314	0.006	118896	9.9
Aroclor-1016	4	---			0.0	4	7.889	-0.004	53268	5.8
		Col1Ave: <3 Quant Peaks					Col2Ave:		5.6	
Aroclor-1221	1	---			0.0	1	5.606	0.040	140402	7.4
Aroclor-1221	2	---			0.0	2	5.844	0.052	702249	62.6
Aroclor-1221	3	---			0.0	3	5.927	0.031	1553082	41.9
Aroclor-1221	NS	---			----	4	7.314	0.003	118896	20.3
		Col1Ave: <3 Quant Peaks					Col2Ave:		33.0	
Aroclor-1232	1	---			0.0	1	5.927	0.031	1553082	128.6
Aroclor-1232	2	---			0.0	2	6.537	0.002	42911	3.9
Aroclor-1232	3	6.277	0.004	48007	2.4	3	7.082	-0.032	114230	5.4
Aroclor-1232	4	6.478	0.053	73004	8.5	4	7.314	0.004	118896	14.2
		Col1Ave: <3 Quant Peaks					Col2Ave:		38.0	
Aroclor-1242	1	---			0.0	1	6.537	0.008	42911	3.1
Aroclor-1242	2	6.277	-0.001	48007	1.8	2	7.082	-0.029	114230	4.0
Aroclor-1242	3	6.478	0.057	73004	6.2	3	7.314	0.006	118896	10.8
Aroclor-1242	4	7.568	0.057	200582	21.7	4	8.240	0.054	84424	16.9
		Total Col1Ave (3 peaks):			9.9		Total Col2Ave (4 peaks):			8.7 RPD = 13
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			5.9
Aroclor-1248	1	6.277	0.003	48007	2.9	1	7.082	-0.022	114230	6.3
Aroclor-1248	2	---			0.0	2	7.533	0.002	181658	17.5
Aroclor-1248	3	7.015	-0.010	79615	6.3	3	7.889	-0.003	53268	3.9
Aroclor-1248	4	7.568	0.005	200582	9.9	4	8.240	0.001	84424	4.8
		Total Col1Ave (3 peaks):			6.4		Total Col2Ave (4 peaks):			8.1 RPD = 24
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			5.0
Aroclor-1254	1	7.821	0.000	189969	8.5	1	8.470	0.001	196678	10.5
Aroclor-1254	2	8.124	-0.001	139631	9.7	2	8.871	0.002	128674	10.5
Aroclor-1254	3	8.229	-0.002	304621	11.2	3	8.988	0.008	414351	16.8
Aroclor-1254	4	8.477	-0.013	437651	15.3	4	9.162	0.021	508202	17.8
Aroclor-1254	5	8.758	-0.008	232604	13.5	5	9.547	0.015	338878	20.2
		Total Col1Ave (5 peaks):			11.6		Total Col2Ave (5 peaks):			15.2 RPD = 27
		Corrected Ave (4 peaks):			10.7		Corrected Ave (4 peaks):			13.9 RPD = 26
Aroclor-1260	1	9.146	-0.002	237355	20.5	1	9.288	0.000	597689	28.1
Aroclor-1260	2	9.373	0.000	236498	21.5	2	10.057	0.002	405895	29.4
Aroclor-1260	3	9.619	-0.002	941965	33.8	3	10.217	0.001	952759	26.8
Aroclor-1260	4	9.897	-0.002	397533	27.5	4	10.615	0.000	476190	22.6
Aroclor-1260	5	10.020	0.000	112821	16.0	NS	---			----
		Total Col1Ave (5 peaks):			23.8		Total Col2Ave (4 peaks):			26.7 RPD = 11
		Corrected Ave (4 peaks):			21.4		Corrected Ave (3 peaks):			25.8 RPD = 19
Aroclor-1262	1	9.373	0.000	236498	10.2	1	10.057	-0.001	405895	14.1
Aroclor-1262	2	9.619	0.000	941965	17.1	2	10.217	-0.002	952759	13.9
Aroclor-1262	3	9.969	-0.052	95874	4.1	3	10.564	-0.007	355594	12.4
Aroclor-1262	4	10.020	9.020	112821	4.6	4	10.615	-0.003	476190	11.4
Aroclor-1262	5	10.472	0.015	1371914	68.2	5	11.090	0.007	506859	21.9
		Total Col1Ave (5 peaks):			20.8		Total Col2Ave (5 peaks):			14.7 RPD = 34
		Corrected Ave (4 peaks):			9.0		Corrected Ave (4 peaks):			12.9 RPD = 36
Aroclor-1268	1	9.969	-0.052	95874	2.1	1	10.564	-0.007	355594	6.8
Aroclor-1268	2	10.020	9.020	112821	2.6	2	10.615	-0.003	476190	9.9
Aroclor-1268	3	10.320	0.088	544060	15.8	3	10.880	-0.008	403693	10.8
Aroclor-1268	4	10.799	-0.004	220565	2.2	4	11.401	-0.016	117192	1.1
		Total Col1Ave (4 peaks):			5.7		Total Col2Ave (4 peaks):			7.1 RPD = 22
		Corrected Ave (3 peaks):			2.3		Corrected Ave (3 peaks):			5.9 RPD = 87*

Total PCB Area Col1 (4.499 - 10.961) = 13389402 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 17293698 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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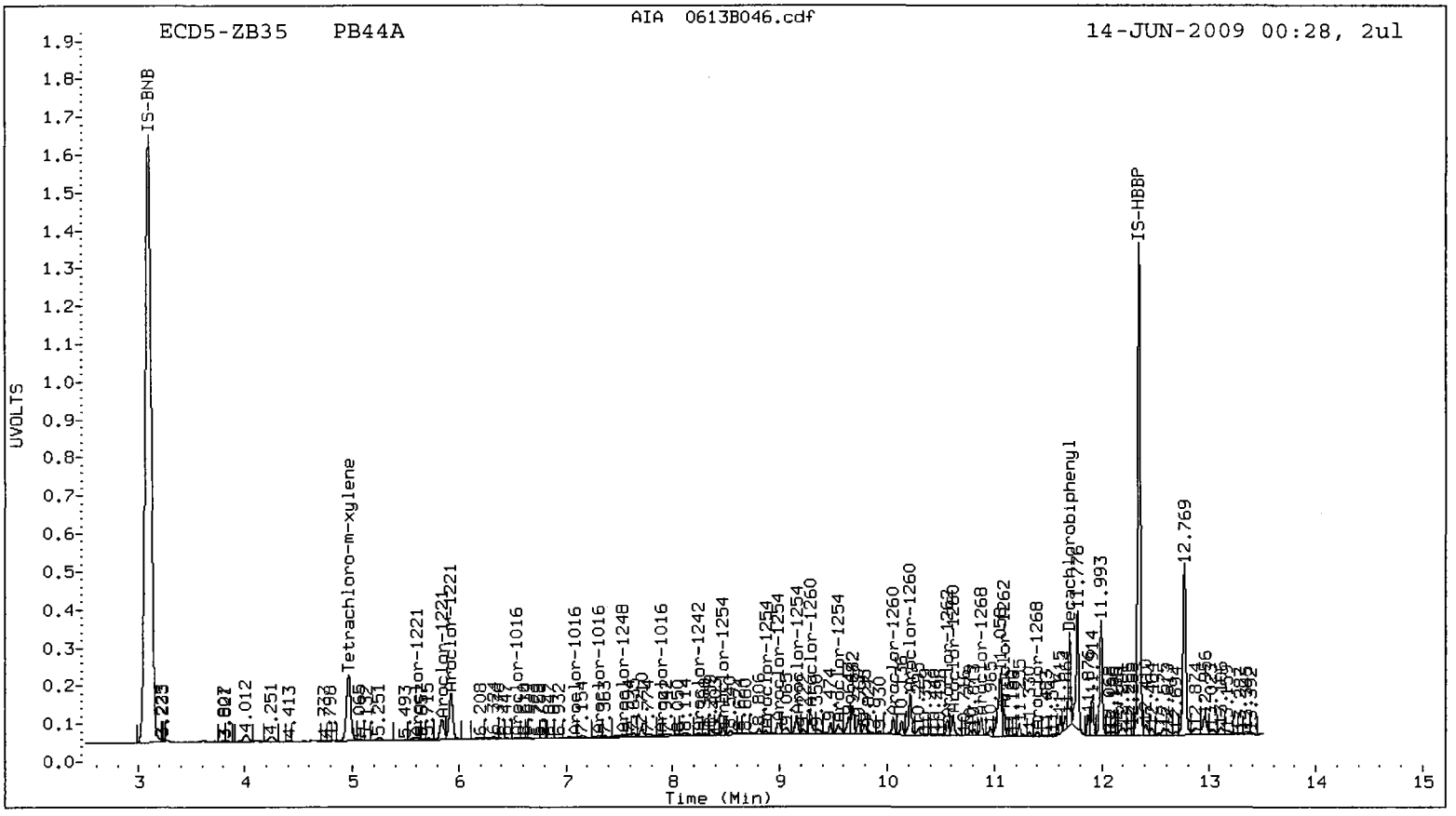
Time (Min)
IS-BNB
Tetrachloro-m-xylene
5.209
IS-HBBP
12.070
Decachlorobiphenyl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Tetrachloro-m-xylene
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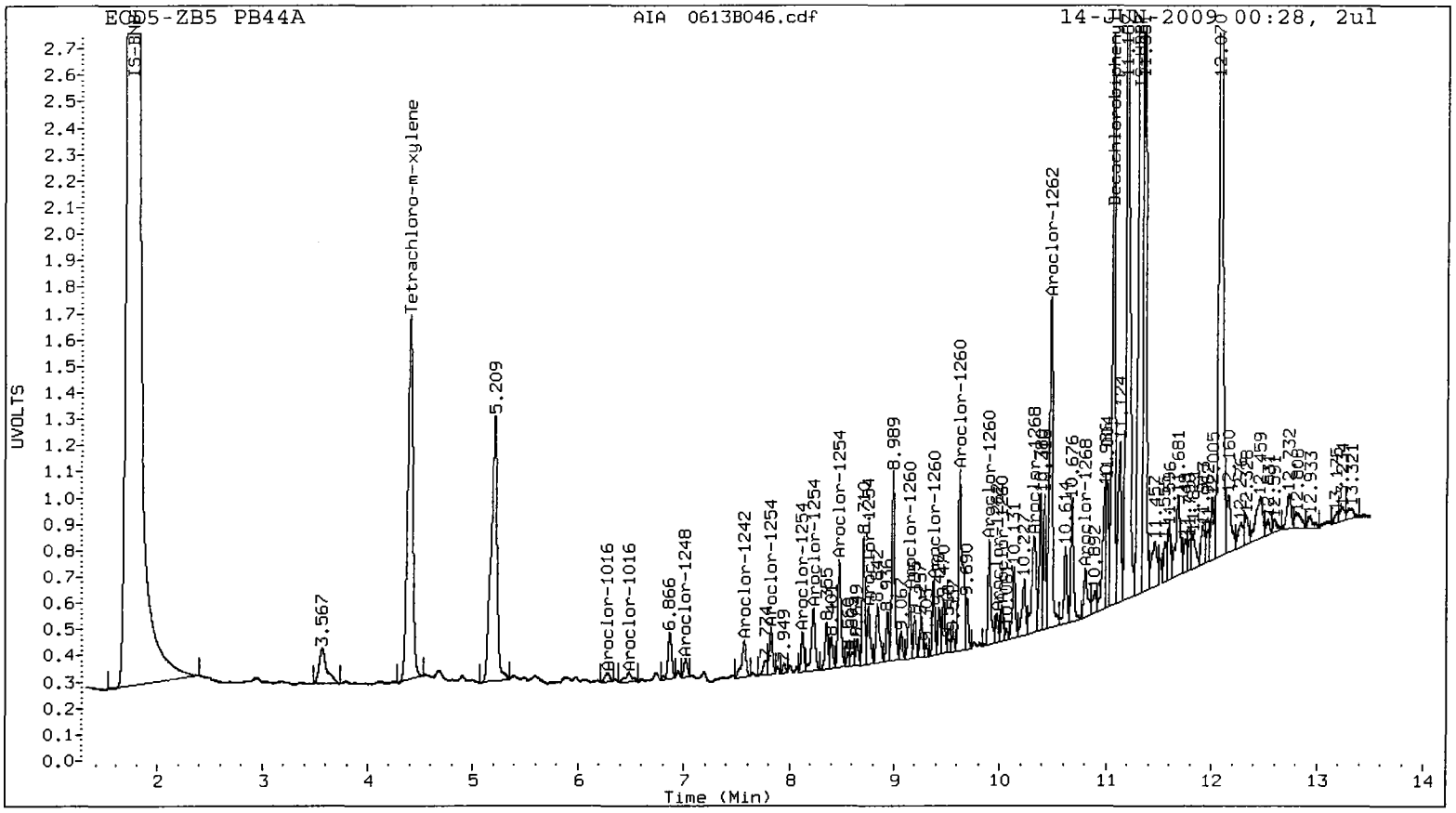
11.993
Decachlorobiphenyl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UVOLTS
Time (Min)
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Aroclor-1254
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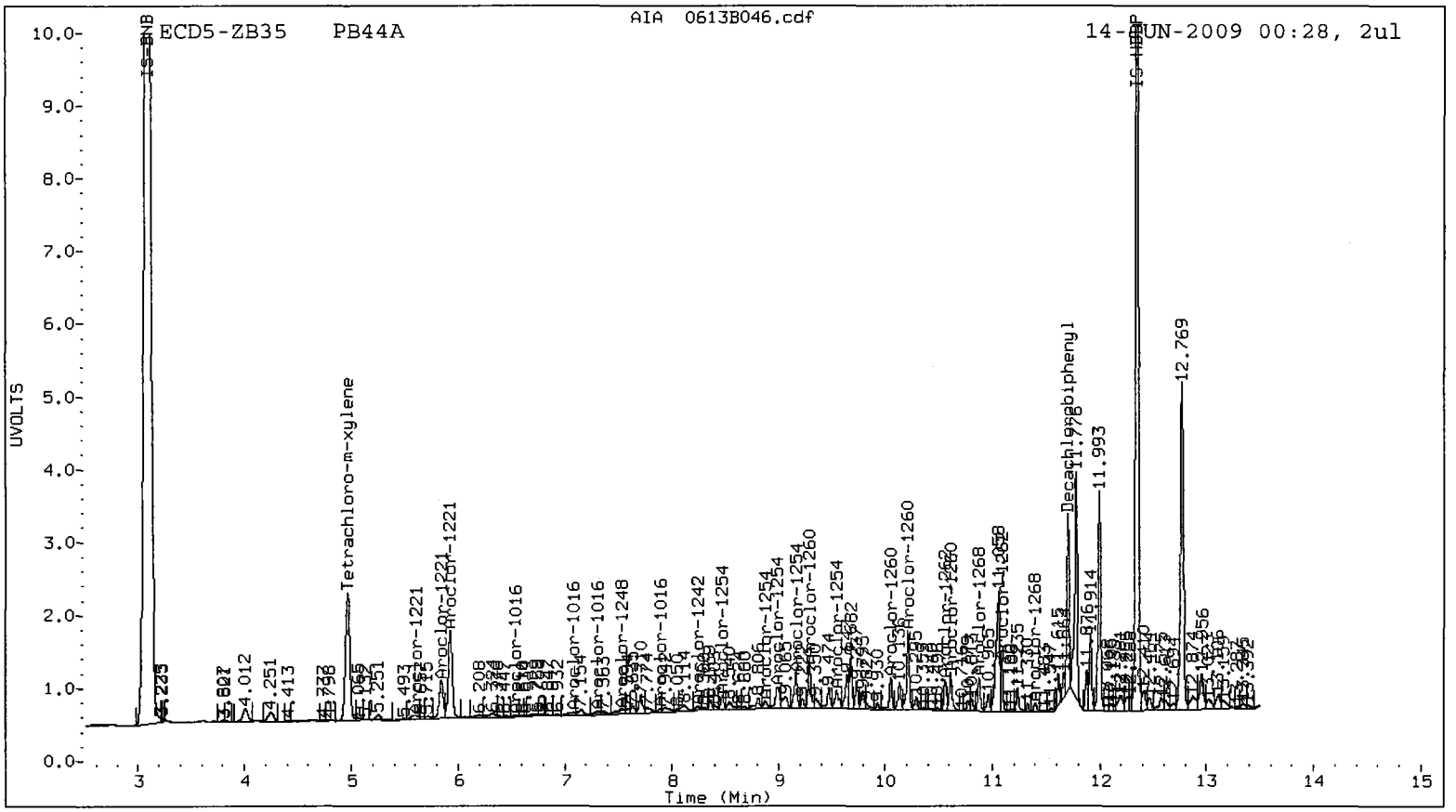
Decachlorobiphenyl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AIA 0613B046.cdf
14-JUN-2009 00:28, 2ul
UVOLTS
Time (Min)
IS-DNB
Tetrachloro-m-xylene
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Aroclor-1221
Aroclor-1016
Aroclor-1016
Aroclor-1248
Aroclor-1016
Aroclor-1242
Aroclor-1254
Aroclor-1254
Aroclor-1254
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Aroclor-1260
Aroclor-1268
Aroclor-1268
IS-HBBP
Decachlorobiphenyl
11.778
11.993
12.769

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED4-B
SAMPLE

Lab Sample ID: PB44B
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 00:45
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 22.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	80.6%
Tetrachlorometaxylene	74.0%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B047.d
Data file 2: 20090606.B/0613-2.b/0613B047.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44B
Client ID:
Injection Date: 14-JUN-2009 00:45
Report Date: 06/17/2009 09:13
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.397	-0.002	2168898	4.967	0.001	2295924	5.9	5.6	5.2	Tetrachloro-m-xylene
11.059	-0.001	1826263	11.703	0.000	1963254	6.5	6.3	2.0	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	73.9	70.2
Decachlorobiphenyl	80.7	79.1

06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28009406	-6.7
Hexabromobiphenyl	12924817	10320465	-20.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31623836	-5.0
Hexabromobiphenyl	11348053	10751478	-5.3

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.596	0.065	42553	3.0
Aroclor-1016	2	---			0.0	2	7.155	0.046	141022	4.7
Aroclor-1016	3	---			0.0	3	7.314	0.006	128806	11.0
Aroclor-1016	4	---			0.0	4	7.930	0.037	145171	16.2
		Col1Ave: <3 Quant Peaks					Col2Ave:	8.7		
Aroclor-1221	1	---			0.0	1	5.603	0.037	160034	8.7
Aroclor-1221	2	---			0.0	2	5.844	0.052	210331	19.2
Aroclor-1221	3	---			0.0	3	5.928	0.032	548572	15.1
Aroclor-1221	NS	---			----	4	7.314	0.004	128806	22.5
		Col1Ave: <3 Quant Peaks					Col2Ave:	16.4		
Aroclor-1232	1	---			0.0	1	5.928	0.032	548572	46.5
Aroclor-1232	2	---			0.0	2	6.596	0.060	42553	3.9
Aroclor-1232	3	---			0.0	3	7.155	0.041	141022	6.8
Aroclor-1232	4	---			0.0	4	7.314	0.004	128806	15.7
		Col1Ave: <3 Quant Peaks					Col2Ave:	18.2		
Aroclor-1242	1	---			0.0	1	6.596	0.066	42553	3.1
Aroclor-1242	2	---			0.0	2	7.155	0.044	141022	5.0
Aroclor-1242	3	---			0.0	3	7.314	0.006	128806	12.0
Aroclor-1242	4	---			0.0	4	8.238	0.053	96706	19.8
		Col1Ave: <3 Quant Peaks					Col2Ave:	10.0		
Aroclor-1248	1	---			0.0	1	7.048	-0.056	73906	4.2
Aroclor-1248	2	---			0.0	2	7.534	0.003	112819	11.1
Aroclor-1248	3	---			0.0	3	7.930	0.038	145171	11.0
Aroclor-1248	4	---			0.0	4	8.238	-0.001	96706	5.6
		Col1Ave: <3 Quant Peaks					Col2Ave:	8.0		
Aroclor-1254	1	7.820	-0.001	91343	4.2	1	8.469	-0.001	132472	7.3
Aroclor-1254	2	8.123	-0.002	96082	6.8	2	8.870	0.000	107760	9.0
Aroclor-1254	3	8.228	-0.003	188430	7.0	3	8.982	0.001	188435	7.8
Aroclor-1254	4	8.480	-0.010	136437	4.9	4	9.160	0.018	265829	9.5
Aroclor-1254	5	8.762	-0.003	90441	5.3	5	9.538	0.006	92659	5.7
		Total Col1Ave (5 peaks):		5.6		Total Col2Ave (5 peaks):			7.9	RPD = 33
		Corrected Ave (4 peaks):		5.3		Corrected Ave (4 peaks):			7.4	RPD = 34
Aroclor-1260	1	9.145	-0.003	70949	6.4	1	9.289	0.001	223185	11.0
Aroclor-1260	2	9.374	0.000	58660	5.6	2	10.059	0.004	101632	7.8
Aroclor-1260	3	9.656	0.036	407658	15.3	3	10.219	0.003	311348	9.3
Aroclor-1260	4	9.896	-0.003	62744	4.5	4	10.613	-0.002	126749	6.3
Aroclor-1260	5	9.988	-0.032	56658	8.4	NS	---			----
		Total Col1Ave (5 peaks):		8.0		Total Col2Ave (4 peaks):			8.6	RPD = 7
		Corrected Ave (4 peaks):		6.2		Corrected Ave (3 peaks):			7.8	RPD = 22
Aroclor-1262	1	9.374	0.000	58660	2.6	1	10.059	0.001	101632	3.7
Aroclor-1262	2	9.656	0.037	407658	7.7	2	10.219	0.000	311348	4.8
Aroclor-1262	3	9.988	-0.033	56658	2.5	3	10.562	-0.009	214224	7.9
Aroclor-1262	4	---			0.0	4	10.613	-0.005	126749	3.2
Aroclor-1262	5	10.473	0.016	703551	36.5	5	11.091	0.008	327190	14.9
		Total Col1Ave (4 peaks):		12.4		Total Col2Ave (5 peaks):			6.9	RPD = 57*
		Corrected Ave (3 peaks):		4.3		Corrected Ave (4 peaks):			4.9	RPD = 13
Aroclor-1268	1	9.988	-0.033	56658	1.3	1	10.562	-0.009	214224	4.3
Aroclor-1268	2	---			0.0	2	10.613	-0.005	126749	2.8
Aroclor-1268	3	10.270	0.039	35848	1.1	3	10.880	-0.008	288886	8.1
Aroclor-1268	4	10.800	-0.002	132707	1.4	4	11.403	-0.013	84918	0.8
		Total Col1Ave (3 peaks):		1.3		Total Col2Ave (4 peaks):			4.0	RPD = 104*
		Corrected Ave: < 3 Peaks				Corrected Ave (3 peaks):			2.6	

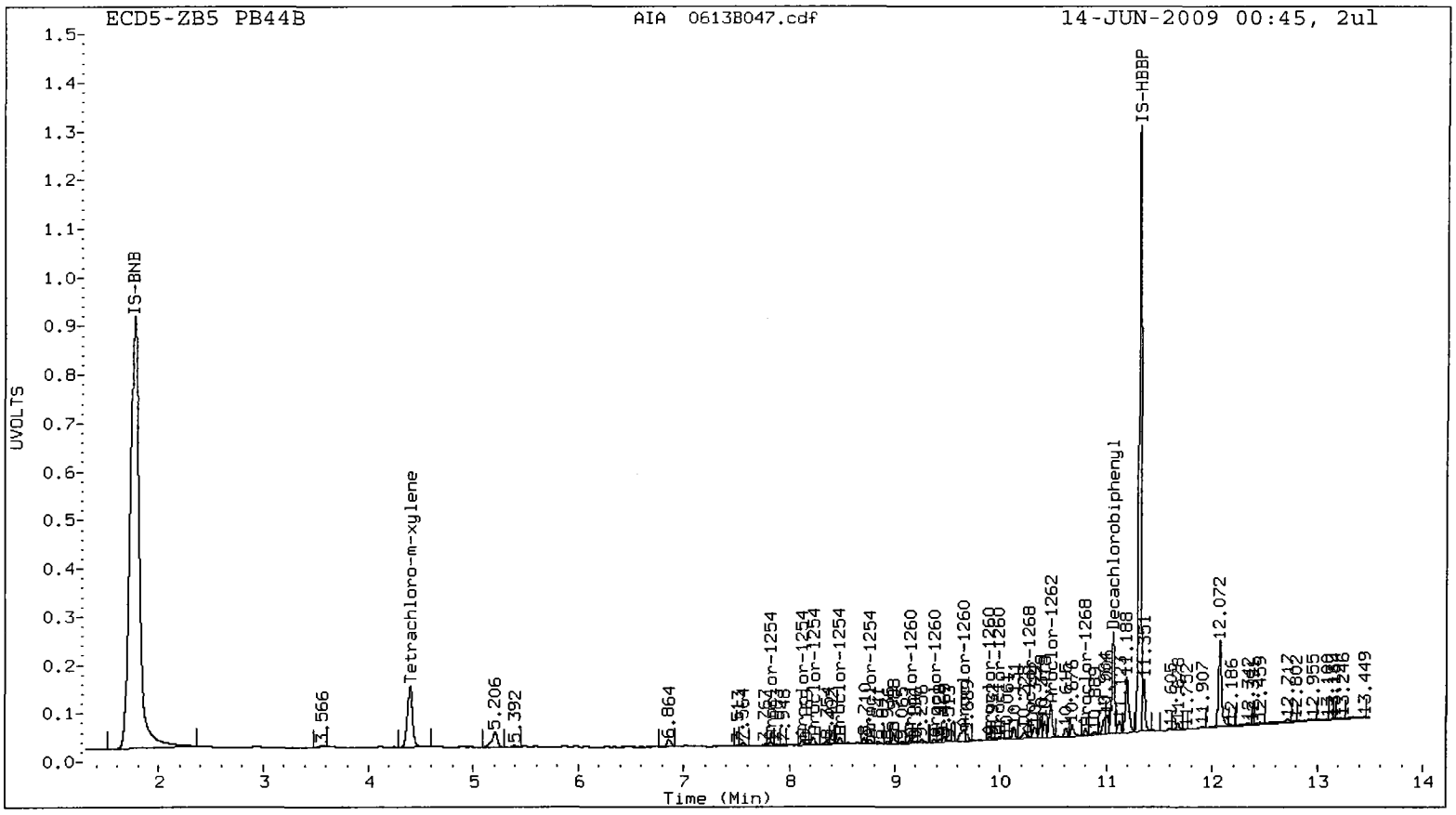
Total PCB Area Col1 (4.499 - 10.961) = 5973270 Col1 Total PCB = 0.0 ppm*

PB44 : 00909

Total PCB Area Col2 (5.066 - 11.603) = 9662748 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Time (Min)
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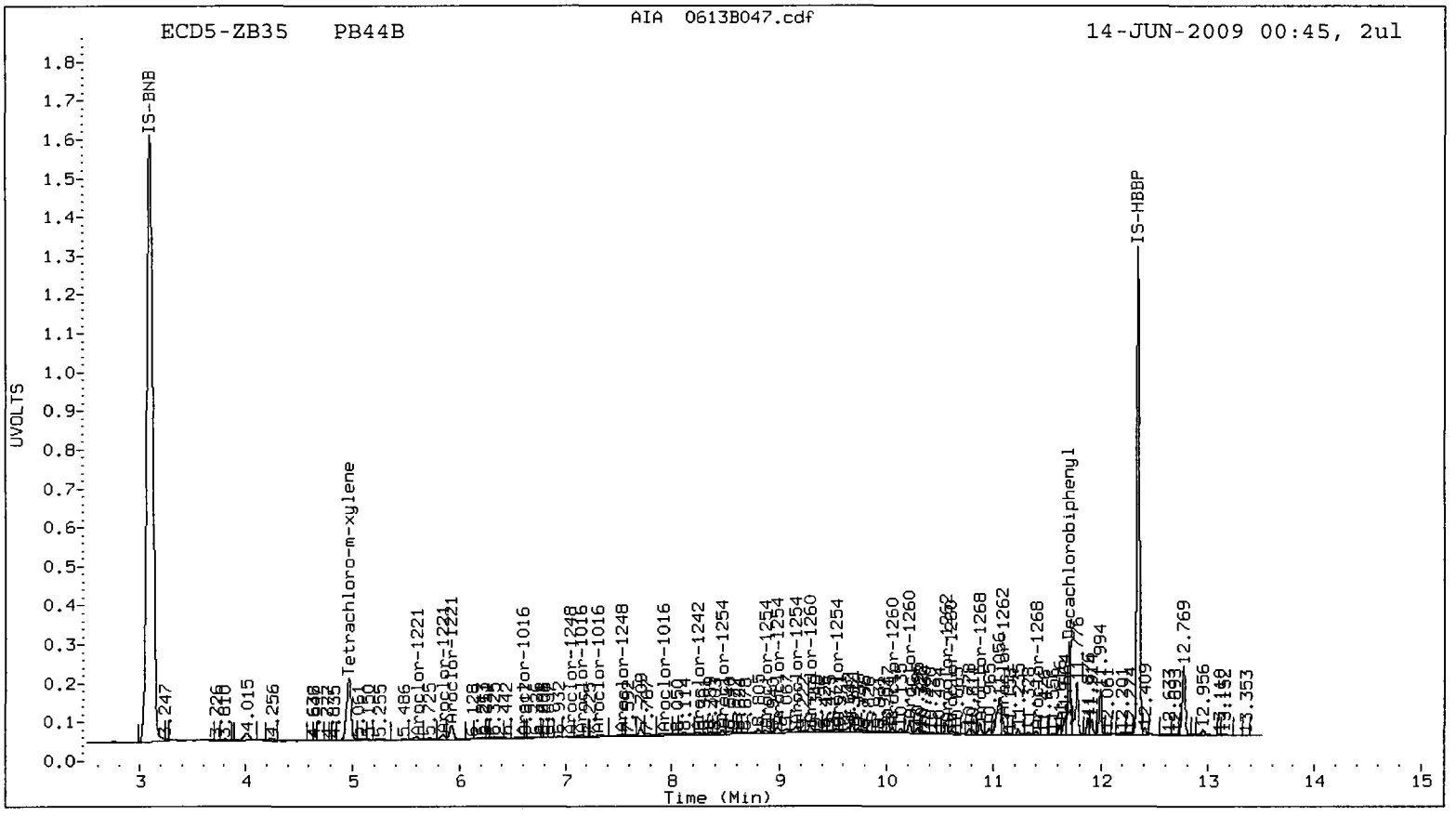
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl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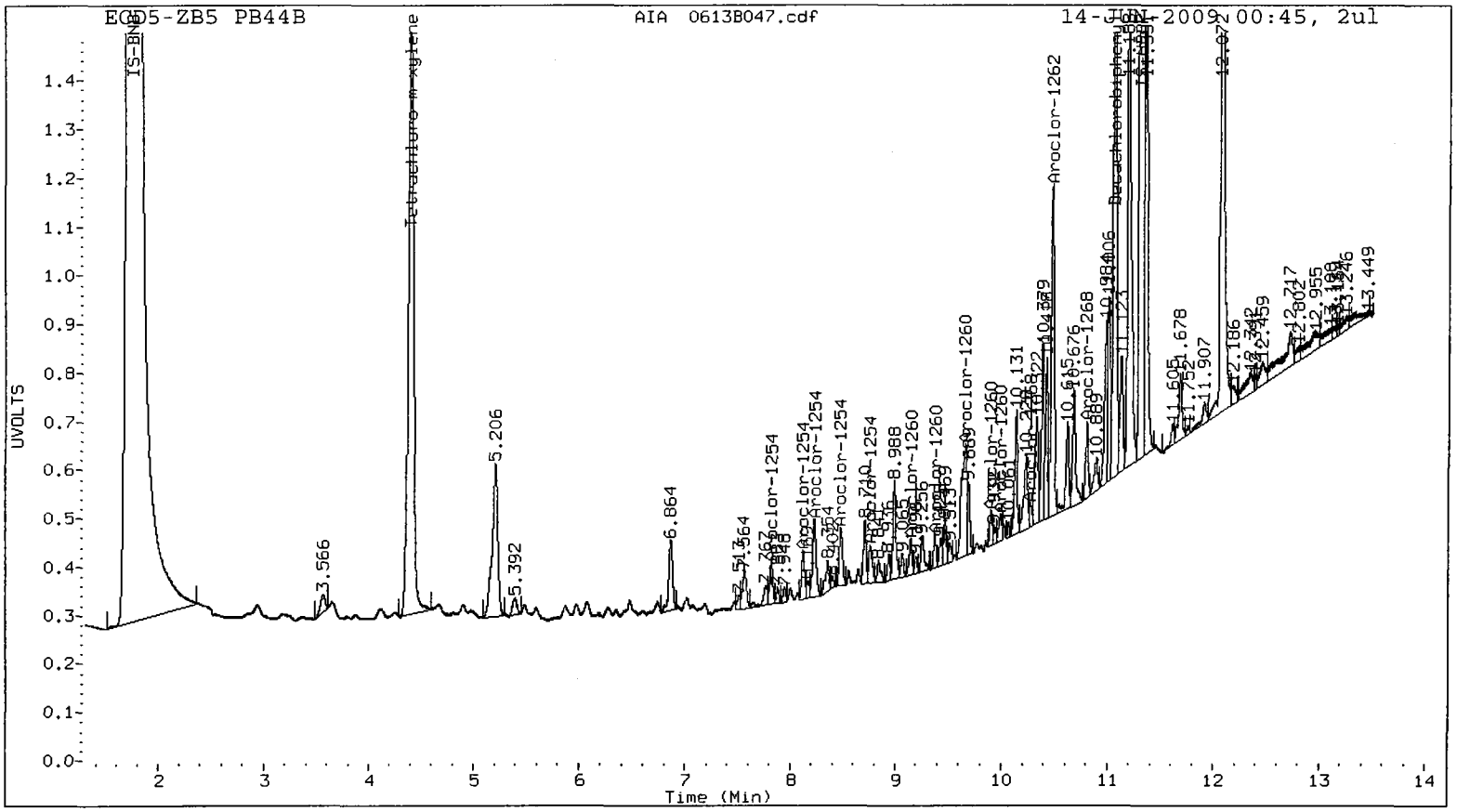
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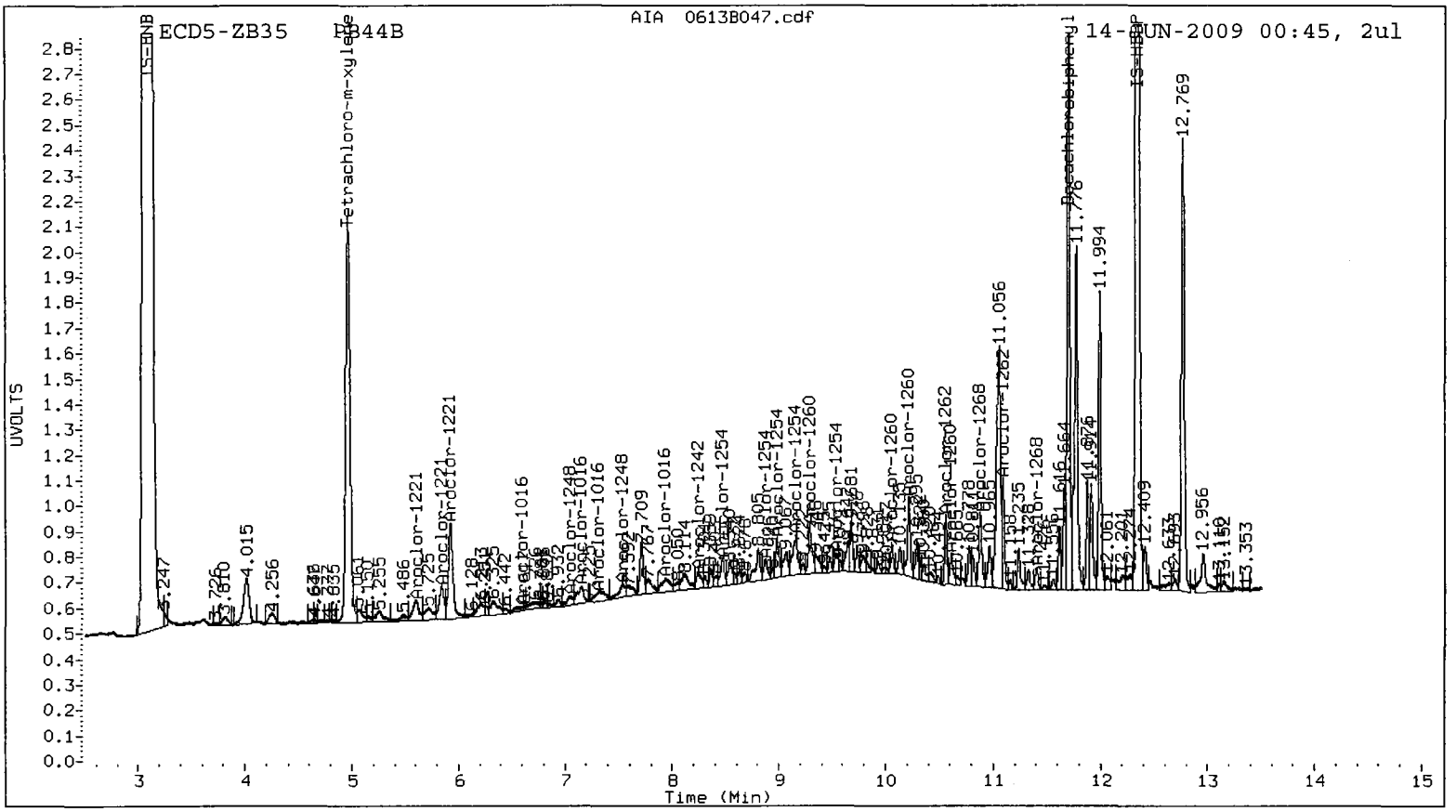
Decachlorobiphenyl
UVOLTS
Time (Min)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Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
UVOLTS
Time (Min)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED4-C
SAMPLE

Lab Sample ID: PB44C
LIMS ID: 09-12789
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 01:03
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 25.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	82.2%
Tetrachlorometaxylene	71.1%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B048.d
Data file 2: 20090606.B/0613-2.b/0613B048.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44C
Client ID:
Injection Date: 14-JUN-2009 01:03
Report Date: 06/17/2009 09:13
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.398	-0.002	2169225	4.966	0.000	2357430	5.7	5.6	2.0	Tetrachloro-m-xylene
11.059	-0.002	1945103	11.701	-0.001	2099678	6.6	6.5	1.8	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	71.1	69.7
Decachlorobiphenyl	82.3	80.8

06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29140188	-3.0
Hexabromobiphenyl	12924817	10778554	-16.6

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32725541	-1.7
Hexabromobiphenyl	11348053	11250051	-0.9

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

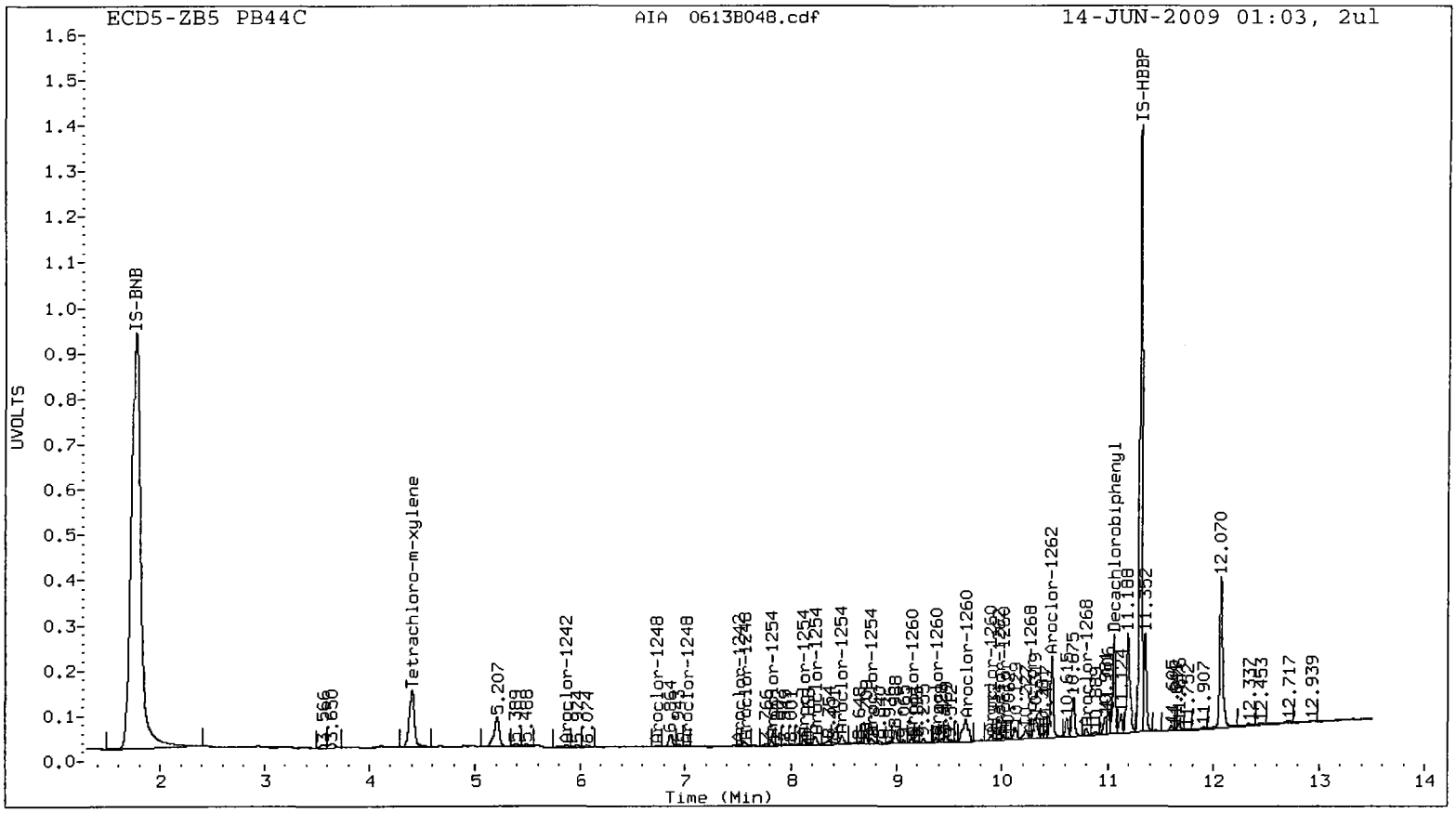
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
		ZB5 Col					ZB35 Col			
Aroclor-1016	1	---			0.0	1	6.533	0.002	30542	2.0
Aroclor-1016	2	---			0.0	2	7.118	0.009	72779	2.3
Aroclor-1016	3	---			0.0	3	7.321	0.013	62796	5.2
Aroclor-1016	4	---			0.0	4	7.892	-0.001	23533	2.5
	Col1Ave: <3 Quant Peaks						Col2Ave:		3.0	
Aroclor-1221	1	---			0.0	1	5.600	0.034	165717	8.7
Aroclor-1221	2	---			0.0	2	5.843	0.051	302520	26.7
Aroclor-1221	3	---			0.0	3	5.928	0.032	1029535	27.5
Aroclor-1221	NS	---			----	4	7.321	0.011	62796	10.6
	Col1Ave: <3 Quant Peaks						Col2Ave:		18.4	
Aroclor-1232	1	---			0.0	1	5.928	0.032	1029535	84.4
Aroclor-1232	2	---			0.0	2	6.533	-0.003	30542	2.7
Aroclor-1232	3	---			0.0	3	7.118	0.005	72779	3.4
Aroclor-1232	4	---			0.0	4	7.321	0.011	62796	7.4
	Col1Ave: <3 Quant Peaks						Col2Ave:		24.5	
Aroclor-1242	1	5.867	-0.036	75601	8.8	1	6.533	0.003	30542	2.2
Aroclor-1242	2	---			0.0	2	7.118	0.007	72779	2.5
Aroclor-1242	3	---			0.0	3	7.321	0.013	62796	5.7
Aroclor-1242	4	7.513	0.002	39842	4.2	4	8.184	-0.001	21620	4.3
	Col1Ave: <3 Quant Peaks						Col2Ave:		3.6	
Aroclor-1248	1	---			0.0	1	7.118	0.014	72779	4.0
Aroclor-1248	2	6.737	-0.002	43474	3.9	2	7.531	0.000	59604	5.7
Aroclor-1248	3	7.016	-0.009	33257	2.6	3	7.892	-0.001	23533	1.7
Aroclor-1248	4	7.565	0.002	118875	5.8	4	8.240	0.001	84020	4.7
	Total Col1Ave (3 peaks):				4.1	Total Col2Ave (4 peaks):			4.0	RPD = 2
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			3.5	
Aroclor-1254	1	7.820	-0.001	121145	5.3	1	8.468	-0.001	140020	7.4
Aroclor-1254	2	8.123	-0.002	134910	9.2	2	8.870	0.001	99306	8.0
Aroclor-1254	3	8.229	-0.002	228572	8.2	3	8.981	0.001	229073	9.2
Aroclor-1254	4	8.480	-0.010	247406	8.5	4	9.159	0.018	335947	11.6
Aroclor-1254	5	8.761	-0.004	146161	8.3	5	9.536	0.004	174520	10.3
	Total Col1Ave (5 peaks):				7.9	Total Col2Ave (5 peaks):			9.3	RPD = 16
	Corrected Ave (4 peaks):				7.6	Corrected Ave (4 peaks):			8.7	RPD = 14
Aroclor-1260	1	9.144	-0.004	110072	9.5	1	9.288	0.000	342252	16.2
Aroclor-1260	2	9.373	-0.001	92379	8.4	2	10.057	0.002	191693	14.0
Aroclor-1260	3	9.659	0.038	931647	33.4	3	10.218	0.003	563650	16.0
Aroclor-1260	4	9.896	-0.003	109341	7.6	4	10.613	-0.002	180205	8.6
Aroclor-1260	5	10.016	-0.005	81497	11.5	NS	---			----
	Total Col1Ave (5 peaks):				14.1	Total Col2Ave (4 peaks):			13.7	RPD = 3
	Corrected Ave (4 peaks):				9.3	Corrected Ave (3 peaks):			12.9	RPD = 33
Aroclor-1262	1	9.373	-0.001	92379	4.0	1	10.057	-0.001	191693	6.7
Aroclor-1262	2	9.659	0.040	931647	17.0	2	10.218	0.000	563650	8.3
Aroclor-1262	3	9.970	-0.051	37707	1.6	3	10.563	-0.008	442745	15.5
Aroclor-1262	4	10.016	9.016	81497	3.3	4	10.613	-0.006	180205	4.3
Aroclor-1262	5	10.470	0.013	1860136	92.5	5	11.090	0.007	508658	22.2
	Total Col1Ave (5 peaks):				23.7	Total Col2Ave (5 peaks):			11.4	RPD = 70*
	Corrected Ave (4 peaks):				6.5	Corrected Ave (4 peaks):			8.7	RPD = 30
Aroclor-1268	1	9.970	-0.051	37707	0.8	1	10.563	-0.009	442745	8.5
Aroclor-1268	2	10.016	9.016	81497	1.9	2	10.613	-0.005	180205	3.8
Aroclor-1268	3	10.269	0.038	62033	1.8	3	10.880	-0.008	480260	12.9
Aroclor-1268	4	10.799	-0.004	143724	1.5	4	11.397	-0.019	185489	1.7
	Total Col1Ave (4 peaks):				1.5	Total Col2Ave (4 peaks):			6.7	RPD = 127*
	Corrected Ave (3 peaks):				1.4	Corrected Ave (3 peaks):			4.6	RPD = 109*

Total PCB Area Col1 (4.499 - 10.961) = 10697042 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 13559833 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Time (Min)
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Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
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Aroclor-1248
Aroclor-1254
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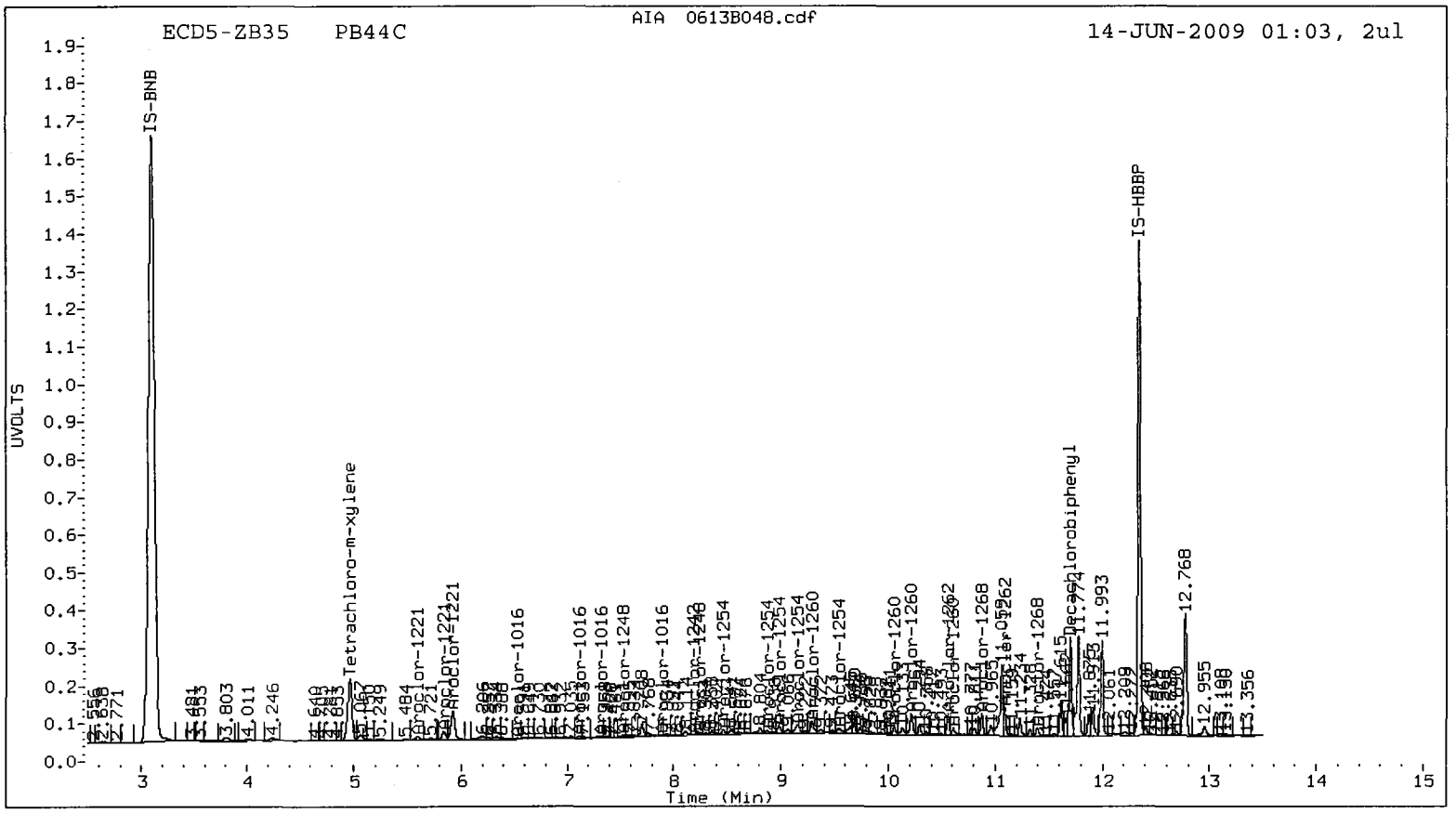
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Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
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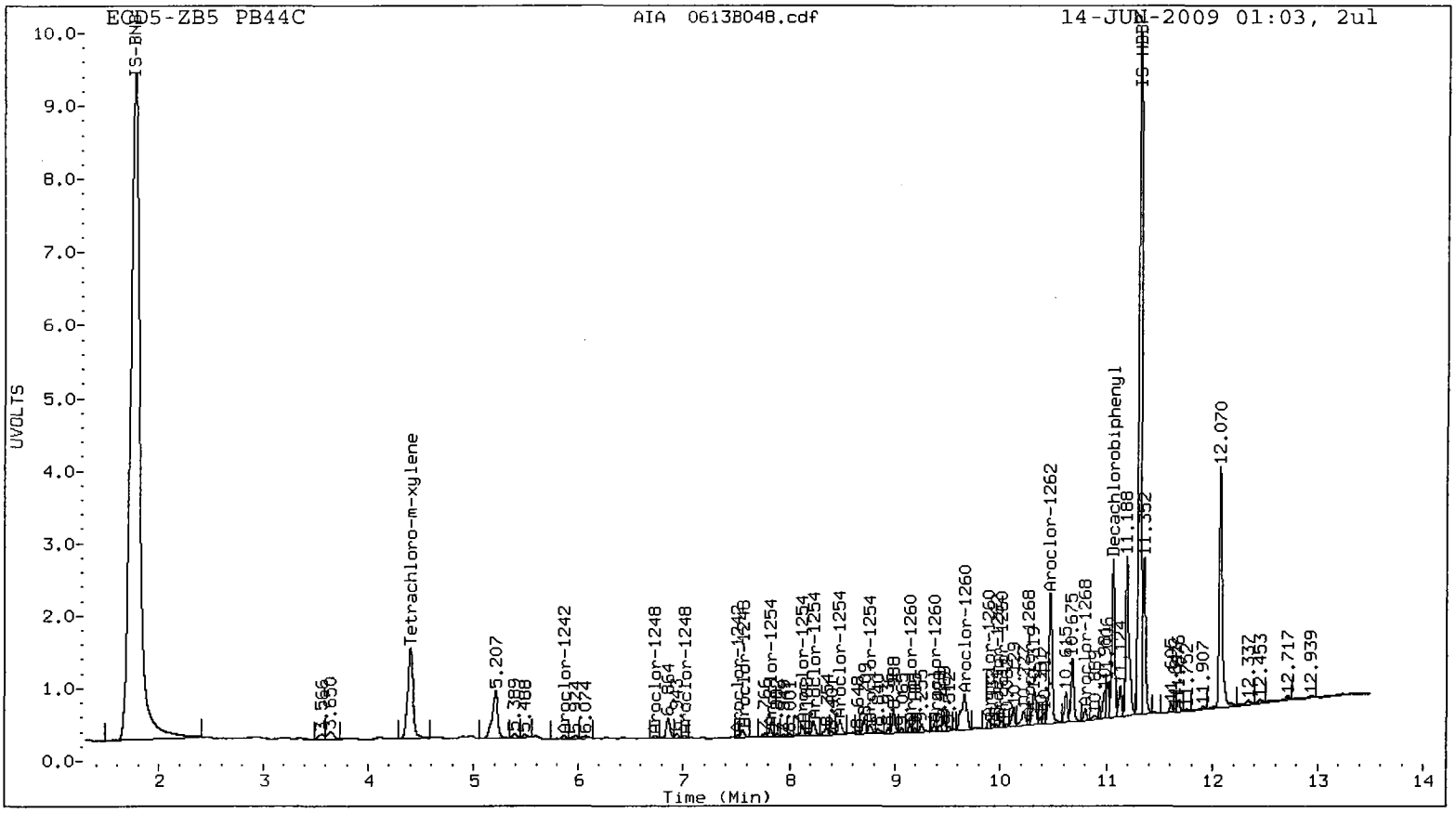
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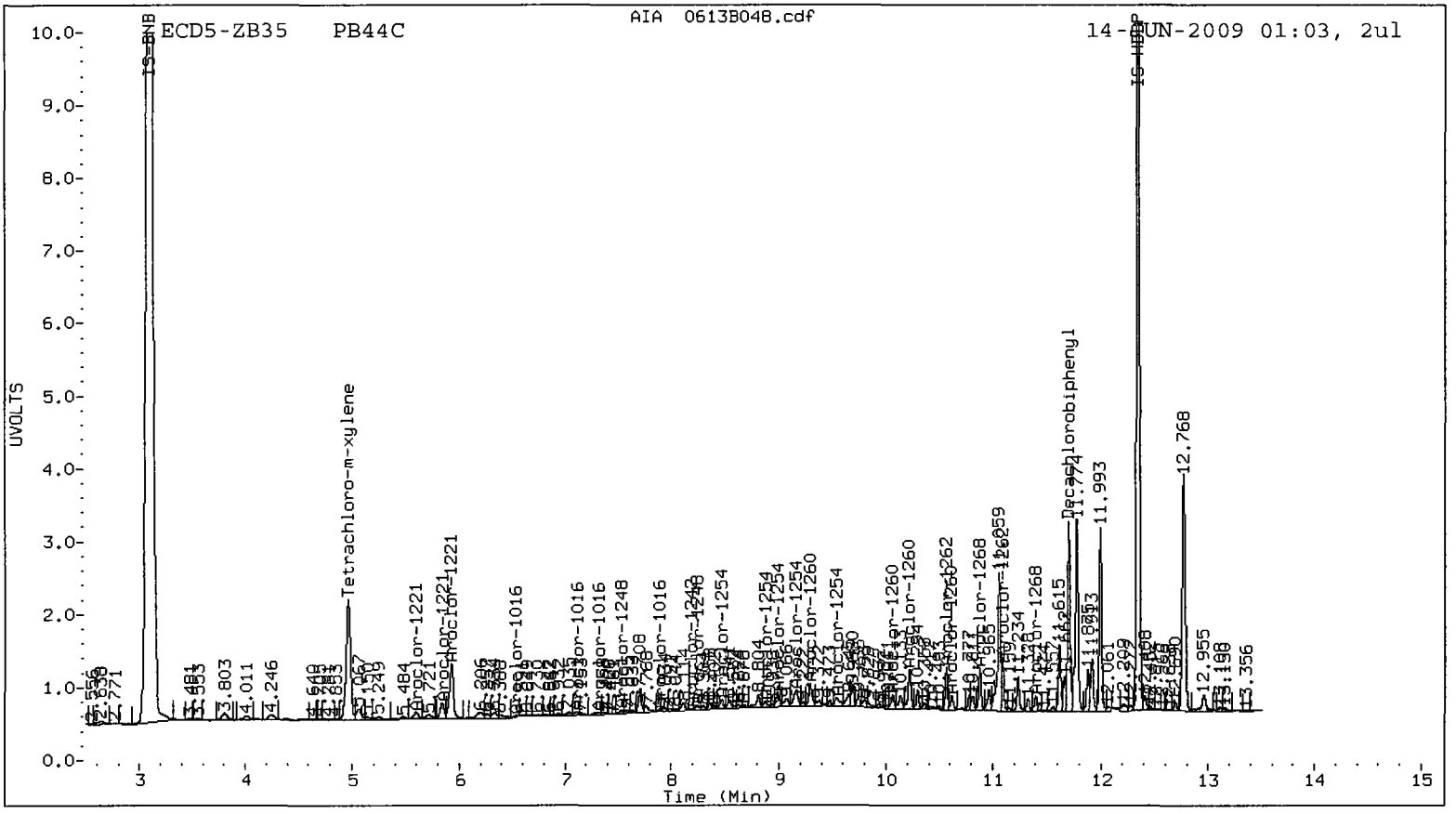
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Decachlorobiphenyl
IS-HBB
11.993
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ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED3-A
SAMPLE

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 01:20
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	Aroclor 1254	4.0	< 4.0 U
11096-82-5	**Aroclor 1260**	**4.0**	**7.3**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	NR
Tetrachlorometaxylene	72.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B049.d
Data file 2: 20090606.B/0613-2.b/0613B049.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44D
Client ID:
Injection Date: 14-JUN-2009 01:20
Report Date: 06/17/2009 09:37
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.398	-0.001	2215166	4.969	0.003	2286319	5.8	5.4	7.1	Tetrachloro-m-xylene
11.053	-0.008	4716512	11.700	-0.003	3810407	16.5	11.9	32.3	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	72.5	67.5
Decachlorobiphenyl	~~205.8~~ NR	~~148.5~~ NR

JL 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29171976	-2.9
Hexabromobiphenyl	12924817	10451213	-19.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32730065	-1.6
Hexabromobiphenyl	11348053	11113474	-2.1

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

hem2/ecd5.i/20090606.B/0613-1.b/0613B049.d PB44D

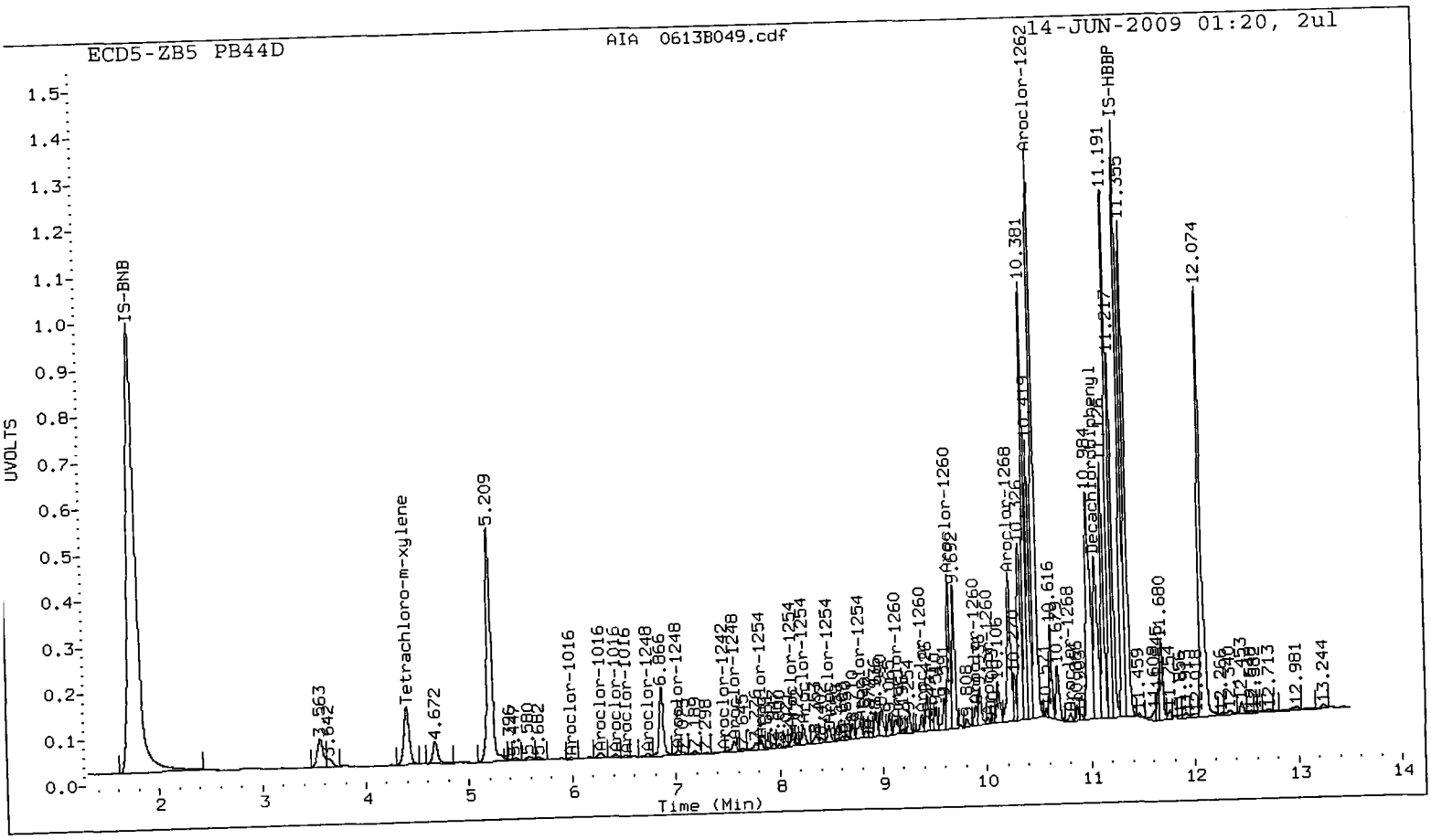
	ZB5 Col				ZB35 Col			
roclor	Peak# RT	Shift	Area	Amount	Peak# RT	Shift	Area	Amount
roclor-1016 1	5.991	0.087	47633	5.4	1 6.528	-0.003	71463	4.8
roclor-1016 2	6.279	0.001	179651	6.3	2 7.112	0.003	195186	6.3
roclor-1016 3	6.421	0.000	119968	9.9	3 7.311	0.004	97744	8.0
roclor-1016 4	6.524	-0.004	80718	10.4	4 7.893	0.000	129349	13.9
Total Col1Ave (4 peaks):			8.0		Total Col2Ave (4 peaks):		8.3	RPD = 3
Corrected Ave (3 peaks):			7.2		Corrected Ave (3 peaks):		6.4	RPD = 12
Aroclor-1221 1	---			0.0	1 5.569	0.003	878010	46.1
Aroclor-1221 2	---			0.0	2 5.756	-0.035	11099	1.0
Aroclor-1221 3	---			0.0	3 5.928	0.032	8087771	215.7
Aroclor-1221 NS	---			----	4 7.311	0.001	97744	16.5
Col1Ave: <3 Quant Peaks					Col2Ave:		69.8	
Aroclor-1232 1	---			0.0	1 5.928	0.033	8087771	662.6
Aroclor-1232 2	5.991	0.089	47633	7.5	2 6.528	-0.007	71463	6.4
Aroclor-1232 3	6.279	0.006	179651	8.9	3 7.112	-0.001	195186	9.1
Aroclor-1232 4	6.421	-0.004	119968	13.8	4 7.311	0.001	97744	11.5
Total Col1Ave (3 peaks):			10.1		Total Col2Ave (4 peaks):		172.4	RPD = 178*
Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		9.0	
Aroclor-1242 1	5.991	0.088	47633	5.6	1 6.528	-0.001	71463	5.0
Aroclor-1242 2	6.279	0.001	179651	6.6	2 7.112	0.002	195186	6.7
Aroclor-1242 3	6.421	0.000	119968	10.1	3 7.311	0.004	97744	8.8
Aroclor-1242 4	7.471	-0.040	39139	4.2	4 8.236	0.050	167845	33.2
Total Col1Ave (4 peaks):			6.6		Total Col2Ave (4 peaks):		13.4	RPD = 68*
Corrected Ave (3 peaks):			5.4		Corrected Ave (3 peaks):		6.9	RPD = 23
Aroclor-1248 1	6.279	0.004	179651	10.7	1 7.112	0.008	195186	10.7
Aroclor-1248 2	6.739	0.001	105225	9.5	2 7.531	0.000	104657	10.0
Aroclor-1248 3	7.023	-0.002	172549	13.4	3 7.893	0.000	129349	9.4
Aroclor-1248 4	7.567	0.004	349309	16.9	4 8.236	-0.003	167845	9.4
Total Col1Ave (4 peaks):			12.6		Total Col2Ave (4 peaks):		9.9	RPD = 24
Corrected Ave (3 peaks):			11.2		Corrected Ave (3 peaks):		9.6	RPD = 15
Aroclor-1254 1	7.823	0.002	237863	10.4	1 8.468	-0.001	235682	12.5
Aroclor-1254 2	8.123	-0.002	346500	23.6	2 8.873	0.003	176634	14.2
Aroclor-1254 3	8.230	-0.001	541161	19.4	3 8.983	0.002	571626	23.0
Aroclor-1254 4	8.476	-0.014	381363	13.0	4 9.161	0.020	518184	18.0
Aroclor-1254 5	8.786	0.021	487920	27.7	5 9.547	0.015	446489	26.4
Total Col1Ave (5 peaks):			18.8		Total Col2Ave (5 peaks):		18.8	RPD = 0
Corrected Ave (4 peaks):			16.6		Corrected Ave (4 peaks):		16.9	RPD = 2
Aroclor-1260 1	9.135	-0.012	474424	42.3	1 9.289	0.001	576603	27.6
Aroclor-1260 2	9.375	0.002	342551	32.2	2 10.064	0.008	888515	65.6
Aroclor-1260 3	9.643	0.022	3321563	122.8	3 10.224	0.008	3520902	101.2
Aroclor-1260 4	9.893	-0.006	420097	29.9	4 10.615	-0.001	344818	16.7
Aroclor-1260 5	10.016	-0.004	112698	16.5	NS ---			----
Total Col1Ave (5 peaks):			48.7		Total Col2Ave (4 peaks):		52.8	RPD = 8
Corrected Ave (4 peaks):			30.2		Corrected Ave (3 peaks):		36.6	RPD = 19
Aroclor-1262 1	9.375	0.002	342551	15.2	1 10.064	0.005	888515	31.6
Aroclor-1262 2	9.643	0.024	3321563	62.3	2 10.224	0.005	3520902	52.3
Aroclor-1262 3	10.016	-0.005	112698	4.9	3 10.564	-0.007	849528	30.2
Aroclor-1262 4	---			0.0	4 10.615	-0.004	344818	8.4
Aroclor-1262 5	10.477	0.021	12316004	631.6	5 11.094	0.011	6515846	287.3
Total Col1Ave (4 peaks):			178.5		Total Col2Ave (5 peaks):		82.0	RPD = 74*
Corrected Ave (3 peaks):			27.5		Corrected Ave (4 peaks):		30.6	RPD = 11
Aroclor-1268 1	10.016	-0.005	112698	2.6	1 10.564	-0.008	849528	16.5
Aroclor-1268 2	---			0.0	2 10.615	-0.004	344818	7.3
Aroclor-1268 3	10.225	-0.006	3952492	118.5	3 10.882	-0.006	5274929	143.9
Aroclor-1268 4	10.801	-0.002	186952	2.0	4 11.399	-0.017	263707	2.5
Total Col1Ave (3 peaks):			41.0		Total Col2Ave (4 peaks):		42.5	RPD = 4
Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		8.7	

Total PCB Area Col1 (4.499 - 10.961) = 67344187 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 77605914 Col2 Total PCB = 0.4 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Aroclor-1268
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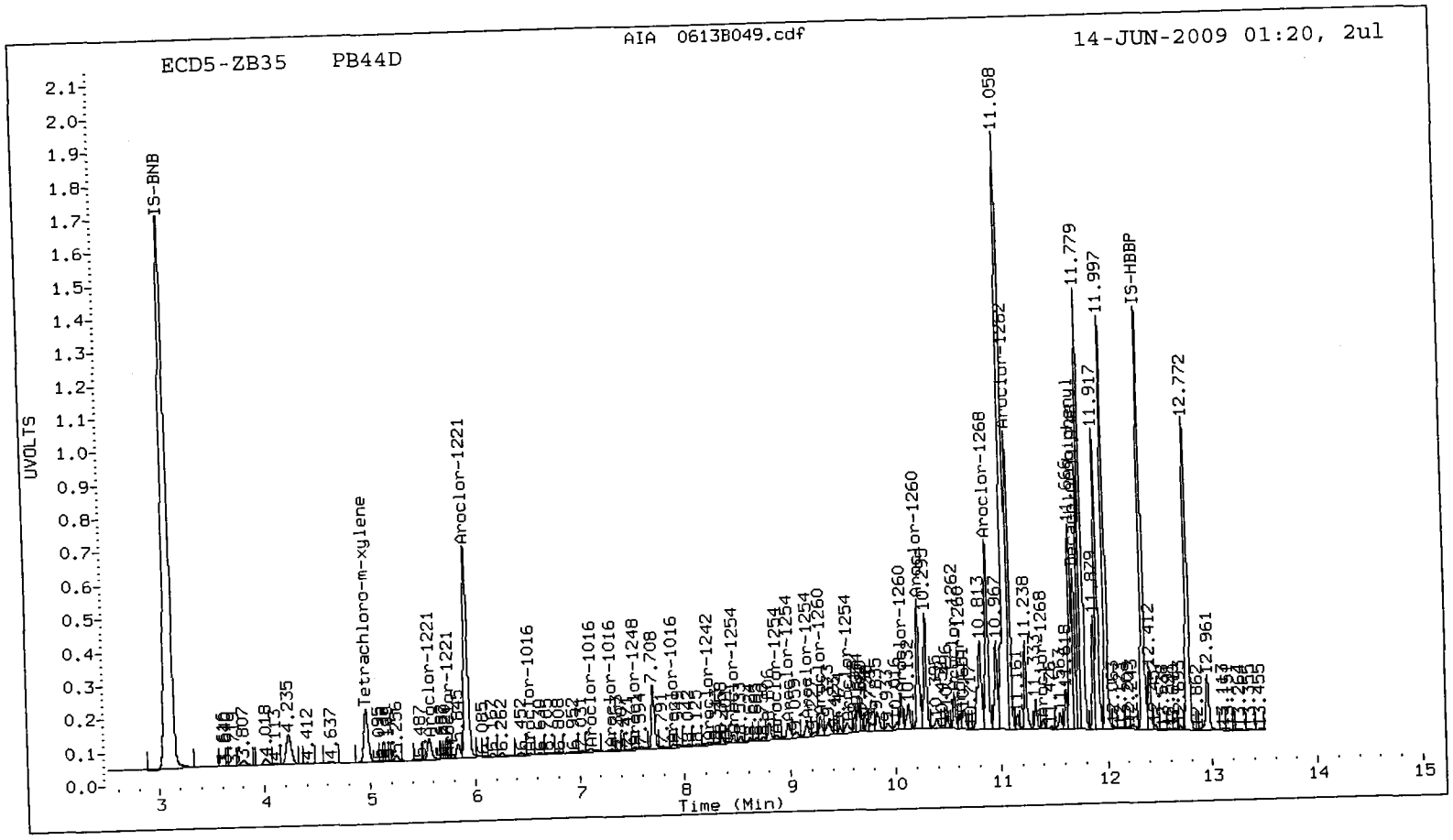
IS-HBBP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Aroclor-1016
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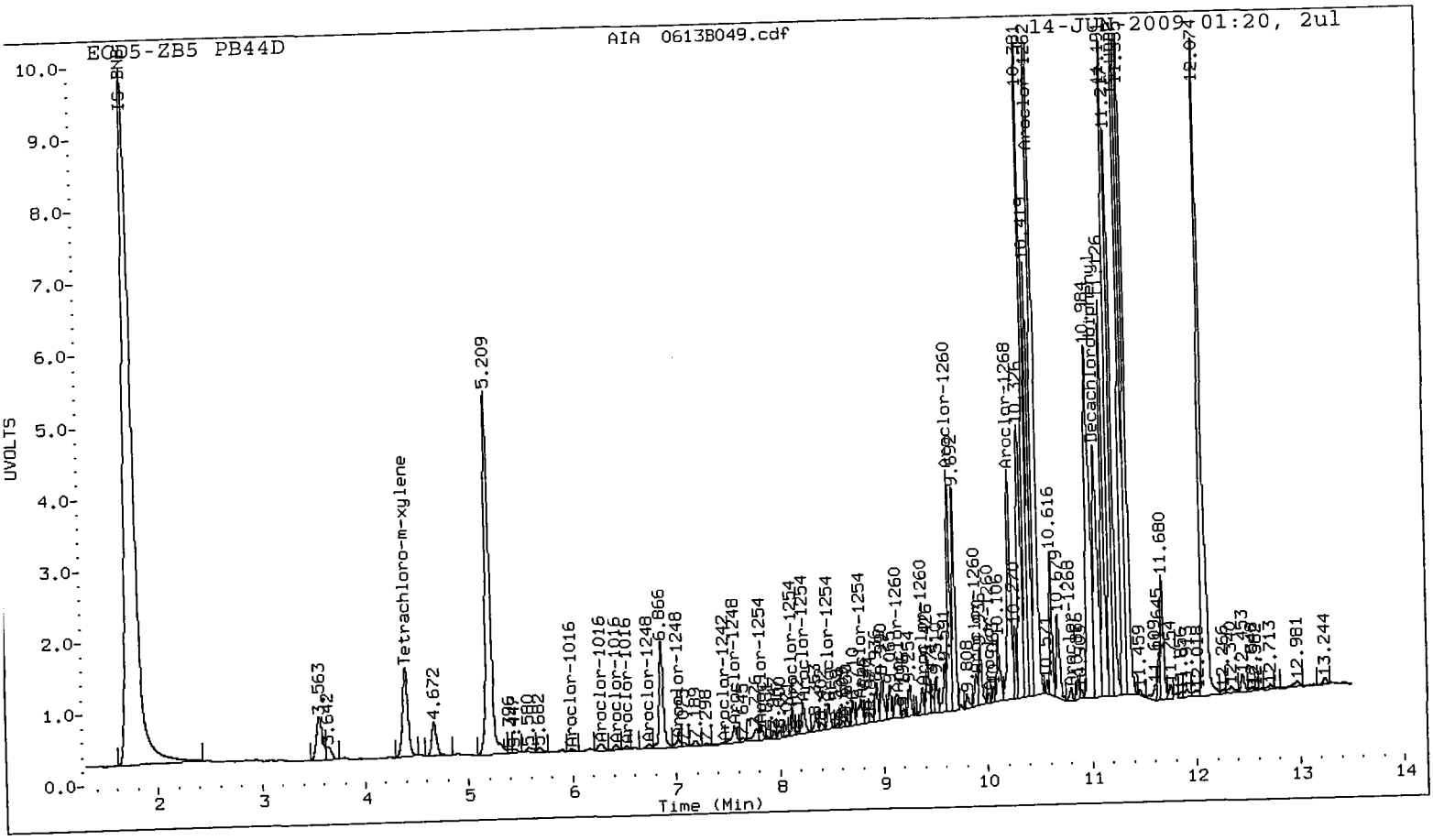
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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Aroclor-1016
Aroclor-1248
Aroclor-1242
Aroclor-1254
Aroclor-1260
Aroclor-1268
Decachlorodiphenyl
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6.866
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10.381
10.319
10.616
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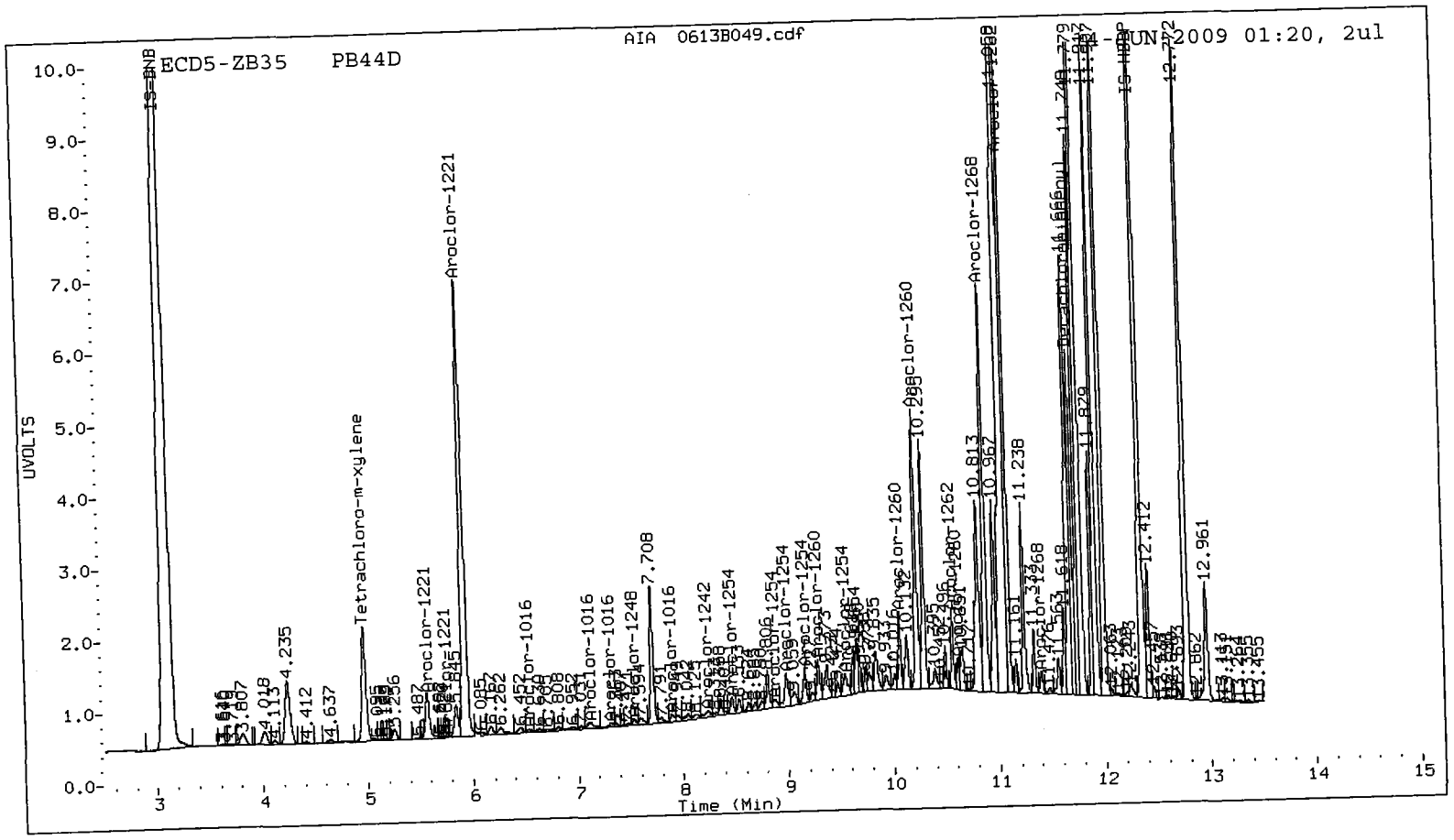
12.074
12.981
13.244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Time (Min)
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1242
Aroclor-1254
Aroclor-1260
Aroclor-1268
4.235
7.708
10.298
10.813
10.967
11.238
12.412
12.961

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED3-B
SAMPLE

Lab Sample ID: PB44E
LIMS ID: 09-12791
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 02:11
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 46.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	**Aroclor 1254**	**4.0**	**4.4**
11096-82-5	**Aroclor 1260**	**4.0**	**7.0 P**
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	113%
Tetrachlorometaxylene	68.8%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B052.d
Data file 2: 20090606.B/0613-2.b/0613B052.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44E
Client ID:
Injection Date: 14-JUN-2009 02:11
Report Date: 06/17/2009 09:13
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.400	0.001	2126150	4.969	0.002	2137879	5.5	5.3	4.1	Tetrachloro-m-xylene
11.058	-0.003	2272510	11.703	0.000	2397151	9.0	8.2	9.4	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	68.7	66.0
Decachlorobiphenyl	112.8	102.6

JR 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29540739	-1.6
Hexabromobiphenyl	12924817	9189157	-28.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31342727	-5.8
Hexabromobiphenyl	11348053	10120133	-10.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.869	-0.035	414026	46.3	1	6.537	0.007	237626	16.6
Aroclor-1016	2	6.188	-0.090	233960	8.1	2	7.111	0.002	119649	4.0
Aroclor-1016	3	---			0.0	3	7.310	0.002	82126	7.1
Aroclor-1016	4	6.600	0.072	83161	10.6	4	7.895	0.002	86375	9.7
	Total Col1Ave (3 peaks):				21.7	Total Col2Ave (4 peaks):				9.4 RPD = 79*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				6.9
Aroclor-1221	1	4.679	-0.054	103567	6.4	1	5.599	0.033	616002	33.8
Aroclor-1221	2	4.906	0.011	73452	7.2	2	5.844	0.052	1481801	136.5
Aroclor-1221	3	4.975	-0.014	80809	2.1	3	5.929	0.033	1267803	35.3
Aroclor-1221	NS	---			---	4	7.310	0.000	82126	14.5
	Total Col1Ave (3 peaks):				5.2	Total Col2Ave (4 peaks):				55.0 RPD = 165*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				27.8
Aroclor-1232	1	4.975	0.078	80809	6.1	1	5.929	0.033	1267803	108.5
Aroclor-1232	2	5.869	-0.033	414026	64.8	2	6.537	0.002	237626	22.2
Aroclor-1232	3	6.188	-0.084	233960	11.4	3	7.111	-0.002	119649	5.8
Aroclor-1232	4	---			0.0	4	7.310	0.000	82126	10.1
	Total Col1Ave (3 peaks):				27.4	Total Col2Ave (4 peaks):				36.6 RPD = 29
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				12.7
Aroclor-1242	1	5.869	-0.034	414026	47.6	1	6.537	0.008	237626	17.5
Aroclor-1242	2	6.188	-0.090	233960	8.4	2	7.111	0.000	119649	4.3
Aroclor-1242	3	---			0.0	3	7.310	0.002	82126	7.7
Aroclor-1242	4	7.511	0.000	139700	14.7	4	8.185	-0.001	31506	6.5
	Total Col1Ave (3 peaks):				23.6	Total Col2Ave (4 peaks):				9.0 RPD = 89*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				6.2
Aroclor-1248	1	6.188	-0.086	233960	13.7	1	7.111	0.007	119649	6.8
Aroclor-1248	2	6.740	0.002	112878	10.1	2	7.532	0.001	113022	11.2
Aroclor-1248	3	6.944	-0.081	350428	26.8	3	7.895	0.002	86375	6.6
Aroclor-1248	4	7.566	0.002	289179	13.8	4	8.240	0.001	129953	7.6
	Total Col1Ave (4 peaks):				16.1	Total Col2Ave (4 peaks):				8.1 RPD = 67*
	Corrected Ave (3 peaks):				12.5	Corrected Ave (3 peaks):				7.0 RPD = 57*
Aroclor-1254	1	7.821	0.000	297951	12.9	1	8.470	0.000	322501	17.8
Aroclor-1254	2	8.123	-0.002	428619	28.8	2	8.871	0.001	179423	15.1
Aroclor-1254	3	8.230	-0.001	550612	19.5	3	8.982	0.001	517017	21.7
Aroclor-1254	4	8.484	-0.006	574965	19.4	4	9.155	0.014	834009	30.2
Aroclor-1254	5	8.763	-0.002	403709	22.6	5	9.537	0.005	406732	25.1
	Total Col1Ave (5 peaks):				20.7	Total Col2Ave (5 peaks):				22.0 RPD = 6
	Corrected Ave (4 peaks):				18.6	Corrected Ave (4 peaks):				19.9 RPD = 7
Aroclor-1260	1	9.144	-0.004	226069	22.9	1	9.289	0.001	623724	32.8
Aroclor-1260	2	9.374	0.000	177724	19.0	2	10.059	0.004	366511	29.7
Aroclor-1260	3	9.647	0.027	1512306	63.6	3	10.222	0.006	1425288	45.0
Aroclor-1260	4	9.898	-0.001	236818	19.2	4	10.611	-0.005	634712	33.7
Aroclor-1260	5	10.017	-0.003	138923	23.1	NS	---			----
	Total Col1Ave (5 peaks):				29.5	Total Col2Ave (4 peaks):				35.3 RPD = 18
	Corrected Ave (4 peaks):				21.0	Corrected Ave (3 peaks):				32.1 RPD = 42*
Aroclor-1262	1	9.374	0.000	177724	9.0	1	10.059	0.001	366511	14.3
Aroclor-1262	2	9.647	0.028	1512306	32.3	2	10.222	0.003	1425288	23.3
Aroclor-1262	3	9.970	-0.051	84316	4.2	3	10.564	-0.007	756112	29.5
Aroclor-1262	4	10.017	9.017	138923	6.6	4	10.611	-0.008	634712	17.0
Aroclor-1262	5	10.472	0.016	5793999	327.9	5	11.093	0.010	1735118	84.0
	Total Col1Ave (5 peaks):				78.0	Total Col2Ave (5 peaks):				33.6 RPD = 80*
	Corrected Ave (4 peaks):				13.0	Corrected Ave (4 peaks):				21.0 RPD = 47*
Aroclor-1268	1	9.970	-0.051	84316	2.2	1	10.564	-0.008	756112	16.1
Aroclor-1268	2	10.017	9.017	138923	3.8	2	10.611	-0.008	634712	14.7
Aroclor-1268	3	10.271	0.039	240495	8.2	3	10.882	-0.006	1616967	48.4
Aroclor-1268	4	10.799	-0.004	217434	2.6	4	11.400	-0.017	288908	3.0
	Total Col1Ave (4 peaks):				4.2	Total Col2Ave (4 peaks):				20.6 RPD = 132*

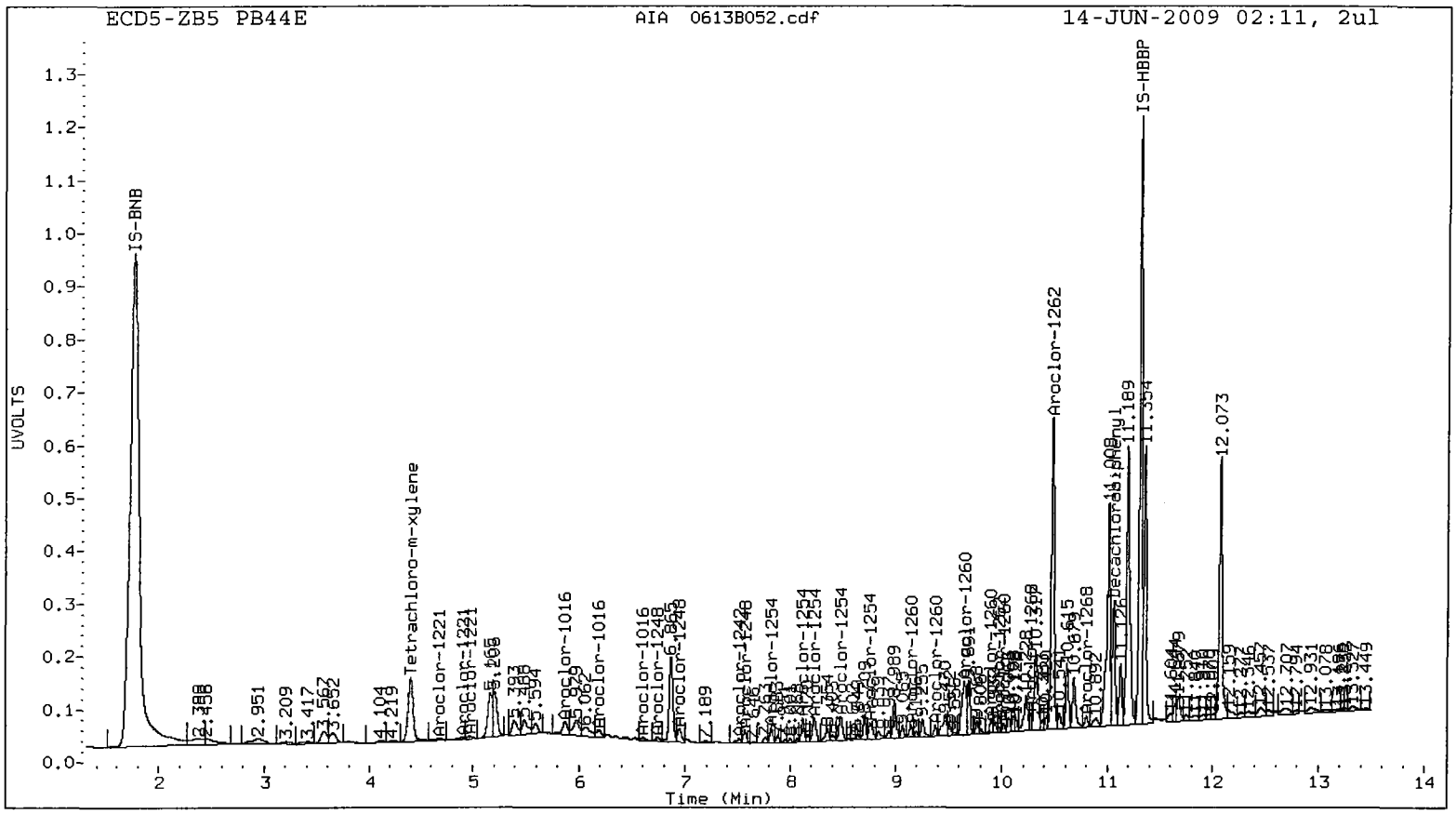
Corrected Ave (3 peaks): 2.9 Corrected Ave (3 peaks): 11.3 RPD = 119*

Total PCB Area Col1 (4.499 - 10.961) = 31383021 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 35633560 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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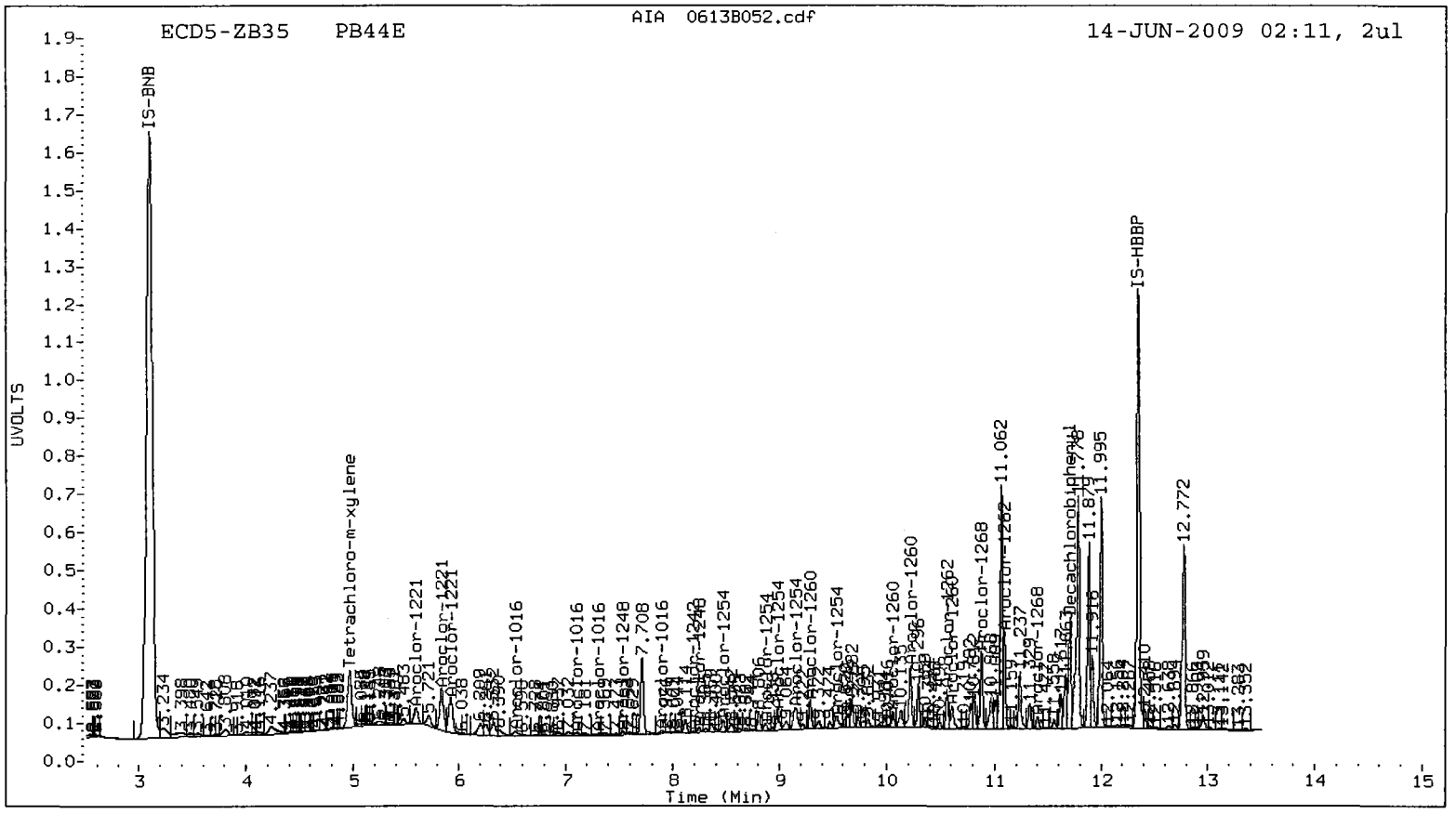
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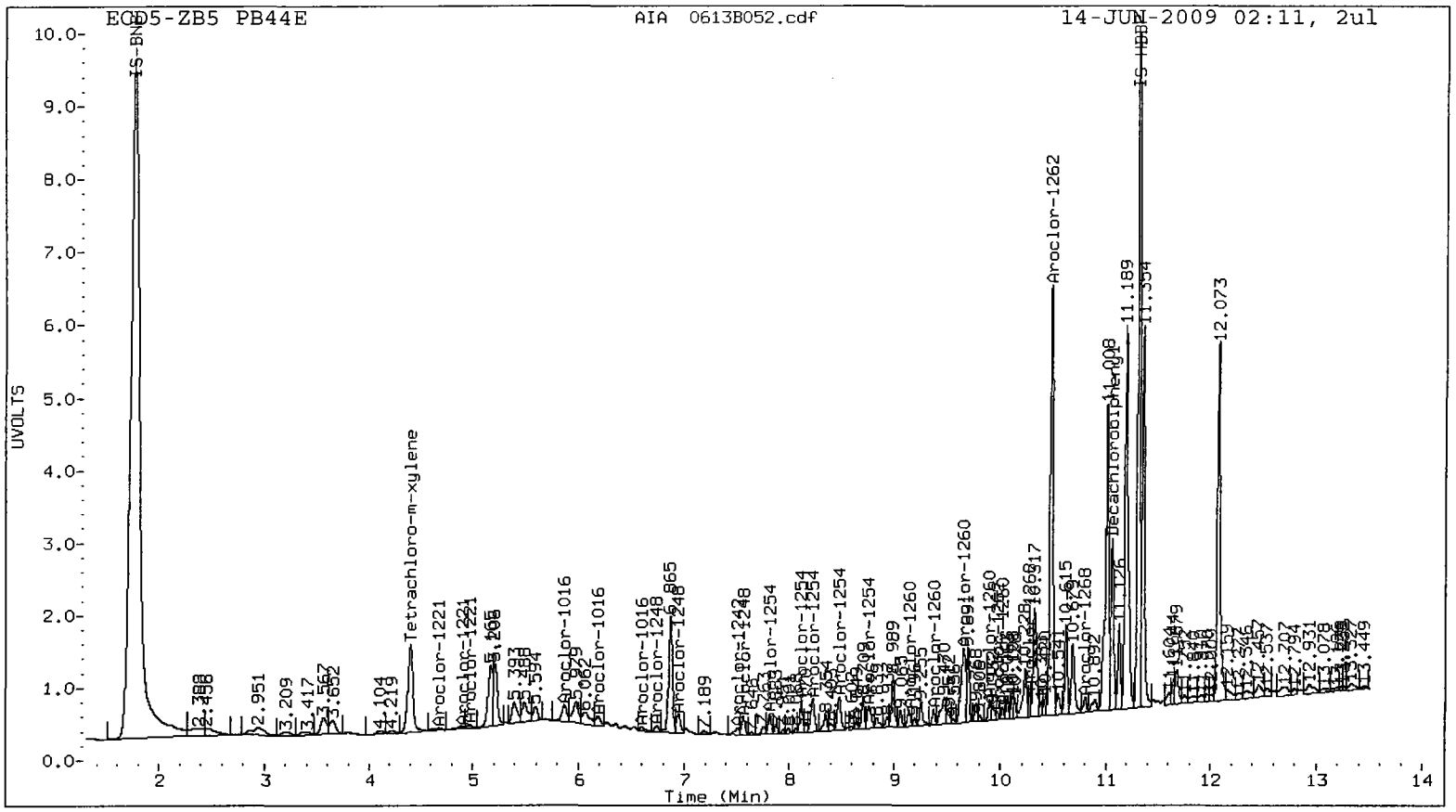
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP
12.772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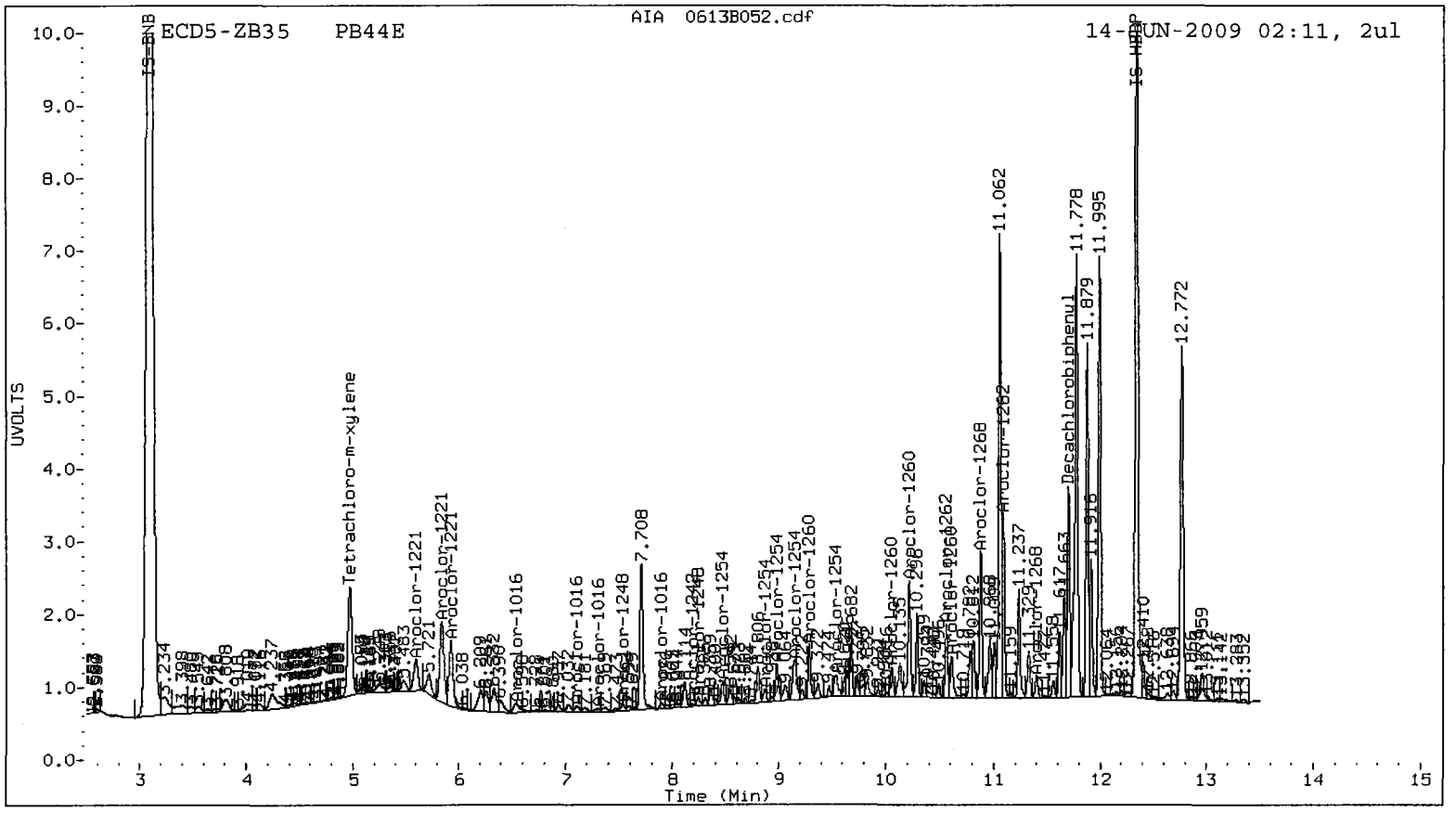
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
11.189
11.354
12.073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Time (Min)
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Tetrachloro-m-xylene
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Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
7.708
11.062
11.237
11.778
11.879
11.995
12.772

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED3-C
SAMPLE

Lab Sample ID: PB44F
LIMS ID: 09-12792
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 02:29
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**4.2**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	107%
Tetrachlorometaxylene	73.5%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B053.d
Data file 2: 20090606.B/0613-2.b/0613B053.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44F
Client ID:
Injection Date: 14-JUN-2009 02:29
Report Date: 06/17/2009 09:13
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.400	0.001	2084286	4.970	0.003	2131903	5.9	5.4	7.7	Tetrachloro-m-xylene
11.059	-0.001	2180887	11.704	0.001	2165777	8.6	7.7	11.4	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	73.4	68.0
Decachlorobiphenyl	107.3	95.8

JR 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27098317	-9.8
Hexabromobiphenyl	12924817	9262847	-28.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	30320475	-8.9
Hexabromobiphenyl	11348053	9795722	-13.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

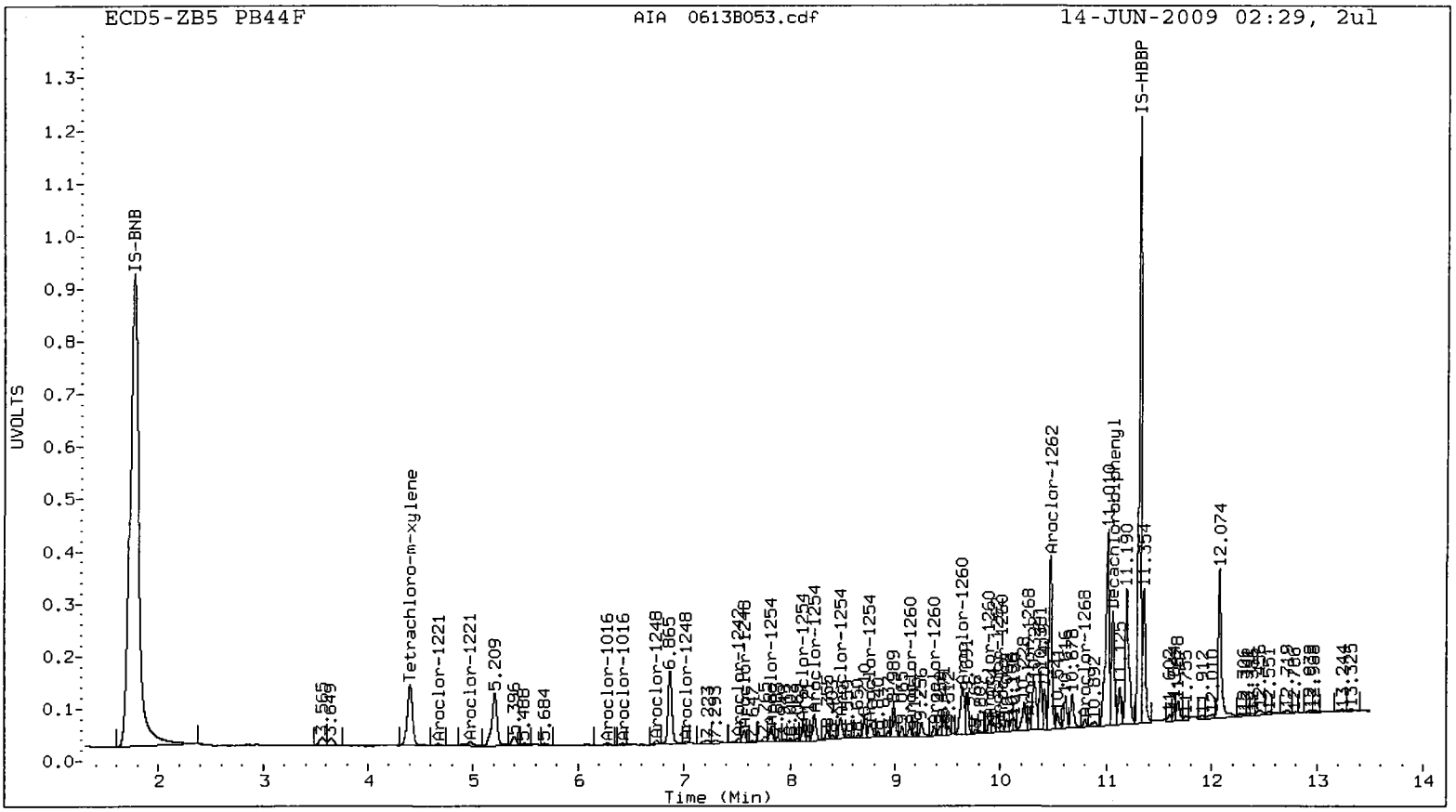
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	---			0.0
Aroclor-1016	2	6.278	0.000	68734	2.6	2	7.117	0.008	104211	3.6
Aroclor-1016	3	6.420	-0.001	42799	3.8	3	7.314	0.006	99501	8.8
Aroclor-1016	4	---			0.0	4	7.895	0.002	97789	11.4
		Col1Ave: <3 Quant Peaks					Col2Ave: 7.9			
Aroclor-1221	1	4.675	-0.058	72794	4.9	1	5.599	0.033	196279	11.1
Aroclor-1221	2	4.972	0.077	183410	19.5	2	5.844	0.052	387440	36.9
Aroclor-1221	3	---			0.0	3	5.929	0.033	1540204	44.4
Aroclor-1221	NS	---			----	4	7.314	0.004	99501	18.1
		Col1Ave: <3 Quant Peaks					Col2Ave: 27.6			
Aroclor-1232	1	4.972	0.074	183410	15.2	1	5.929	0.033	1540204	136.2
Aroclor-1232	2	---			0.0	2	---			0.0
Aroclor-1232	3	6.278	0.006	68734	3.7	3	7.117	0.004	104211	5.2
Aroclor-1232	4	6.420	-0.004	42799	5.3	4	7.314	0.004	99501	12.7
		Total Col1Ave (3 peaks):			8.0		Total Col2Ave (3 peaks):			51.4 RPD = 146*
		Corrected Ave: < 3 Peaks					Corrected Ave: < 3 Peaks			
Aroclor-1242	1	---			0.0	1	---			0.0
Aroclor-1242	2	6.278	0.000	68734	2.7	2	7.117	0.006	104211	3.9
Aroclor-1242	3	6.420	-0.001	42799	3.9	3	7.314	0.006	99501	9.7
Aroclor-1242	4	7.512	0.002	110122	12.6	4	8.188	0.002	38425	8.2
		Total Col1Ave (3 peaks):			6.4		Total Col2Ave (3 peaks):			7.2 RPD = 13
		Corrected Ave: < 3 Peaks					Corrected Ave: < 3 Peaks			
Aroclor-1248	1	6.278	0.004	68734	4.4	1	7.117	0.013	104211	6.2
Aroclor-1248	2	6.739	0.001	102428	10.0	2	7.533	0.002	127347	13.1
Aroclor-1248	3	7.025	0.000	37959	3.2	3	7.895	0.003	97789	7.7
Aroclor-1248	4	7.567	0.004	288286	15.0	4	8.240	0.001	129990	7.9
		Total Col1Ave (4 peaks):			8.1		Total Col2Ave (4 peaks):			8.7 RPD = 7
		Corrected Ave (3 peaks):			5.9		Corrected Ave (3 peaks):			7.2 RPD = 21
Aroclor-1254	1	7.822	0.001	305035	14.4	1	8.469	0.000	315550	18.0
Aroclor-1254	2	8.123	-0.002	336519	24.7	2	8.870	0.000	168108	14.6
Aroclor-1254	3	8.230	-0.001	610537	23.6	3	8.982	0.001	490947	21.3
Aroclor-1254	4	8.483	-0.007	470456	17.3	4	9.157	0.016	753909	28.2
Aroclor-1254	5	8.763	-0.003	328066	20.1	5	9.537	0.006	386288	24.6
		Total Col1Ave (5 peaks):			20.0		Total Col2Ave (5 peaks):			21.4 RPD = 7
		Corrected Ave (4 peaks):			18.8		Corrected Ave (4 peaks):			19.6 RPD = 4
Aroclor-1260	1	9.144	-0.004	196471	19.8	1	9.290	0.002	558836	30.4
Aroclor-1260	2	9.374	0.001	152743	16.2	2	10.060	0.005	375919	31.5
Aroclor-1260	3	9.645	0.024	1300752	54.2	3	10.222	0.006	1277338	41.7
Aroclor-1260	4	9.898	-0.001	199080	16.0	4	10.614	-0.002	391348	21.5
Aroclor-1260	5	10.017	-0.004	133419	22.0	NS	---			----
		Total Col1Ave (5 peaks):			25.6		Total Col2Ave (4 peaks):			31.3 RPD = 20
		Corrected Ave (4 peaks):			18.5		Corrected Ave (3 peaks):			27.8 RPD = 40*
Aroclor-1262	1	9.374	0.001	152743	7.7	1	10.060	0.002	375919	15.2
Aroclor-1262	2	9.645	0.026	1300752	27.5	2	10.222	0.004	1277338	21.5
Aroclor-1262	3	9.971	-0.050	95926	4.8	3	10.564	-0.007	583398	23.5
Aroclor-1262	4	10.017	9.017	133419	6.3	4	10.614	-0.005	391348	10.8
Aroclor-1262	5	10.474	0.017	3328610	192.6	5	11.093	0.010	1186299	59.3
		Total Col1Ave (5 peaks):			47.8		Total Col2Ave (5 peaks):			26.1 RPD = 59*
		Corrected Ave (4 peaks):			11.6		Corrected Ave (4 peaks):			17.8 RPD = 42*
Aroclor-1268	1	9.971	-0.050	95926	2.5	1	10.564	-0.007	583398	12.8
Aroclor-1268	2	10.017	9.017	133419	3.6	2	10.614	-0.005	391348	9.4
Aroclor-1268	3	10.271	0.040	175351	5.9	3	10.883	-0.005	1103334	34.1
Aroclor-1268	4	10.799	-0.004	139263	1.6	4	11.401	-0.015	236633	2.5
		Total Col1Ave (4 peaks):			3.4		Total Col2Ave (4 peaks):			14.7 RPD = 125*
		Corrected Ave (3 peaks):			2.6		Corrected Ave (3 peaks):			8.2 RPD = 105*

Total PCB Area Col1 (4.499 - 10.961) = 22756314 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 26763106 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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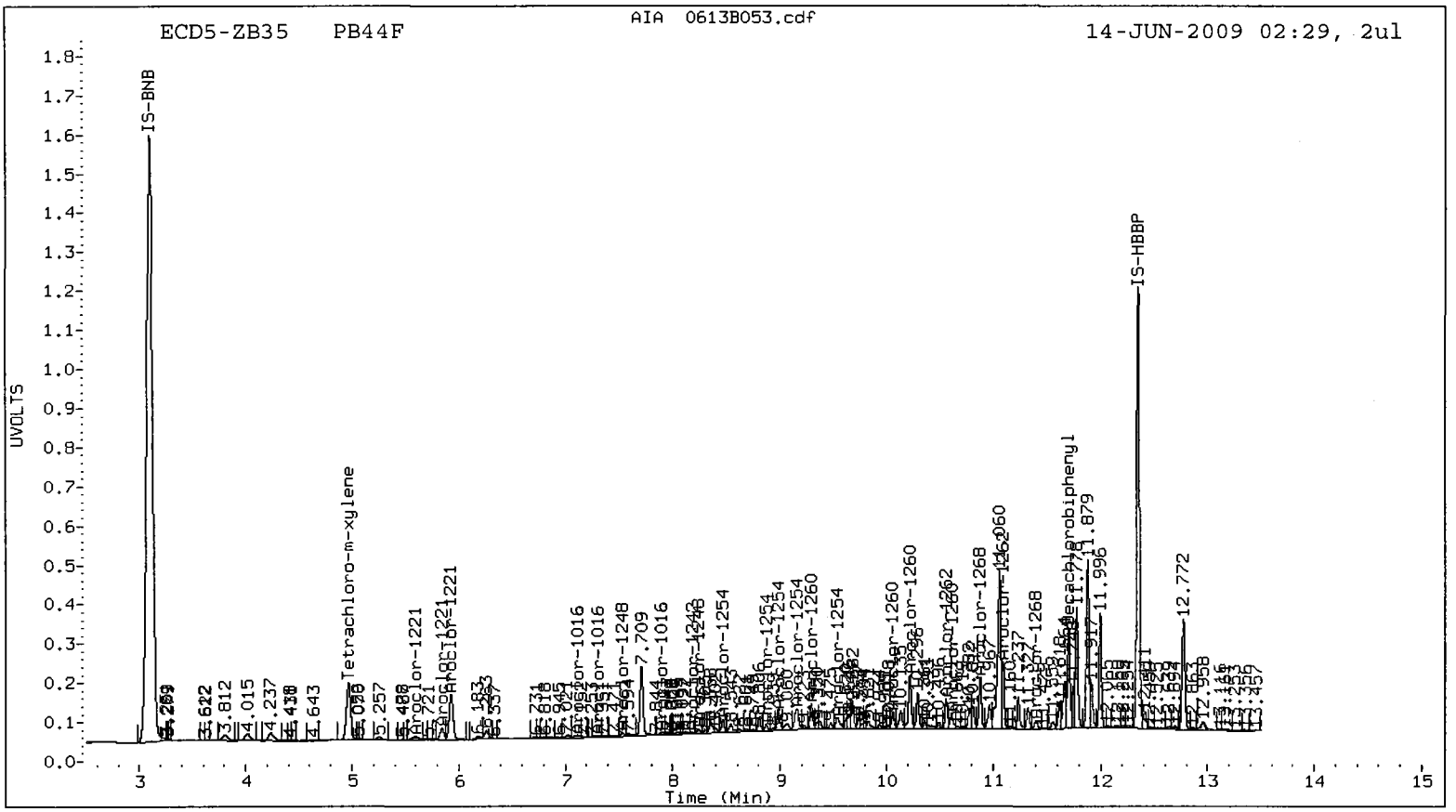
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1221
5.209
Aroclor-1016
Aroclor-1016
Aroclor-1248
6.865
Aroclor-1248
Aroclor-1254
Aroclor-1254
Aroclor-1254
Aroclor-1260
Aroclor-1260
Aroclor-1262
Aroclor-1268
IS-HBBP
12.074
UVOLTS
Time (Min)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Aroclor-1221
Aroclor-1221
Aroclor-1016
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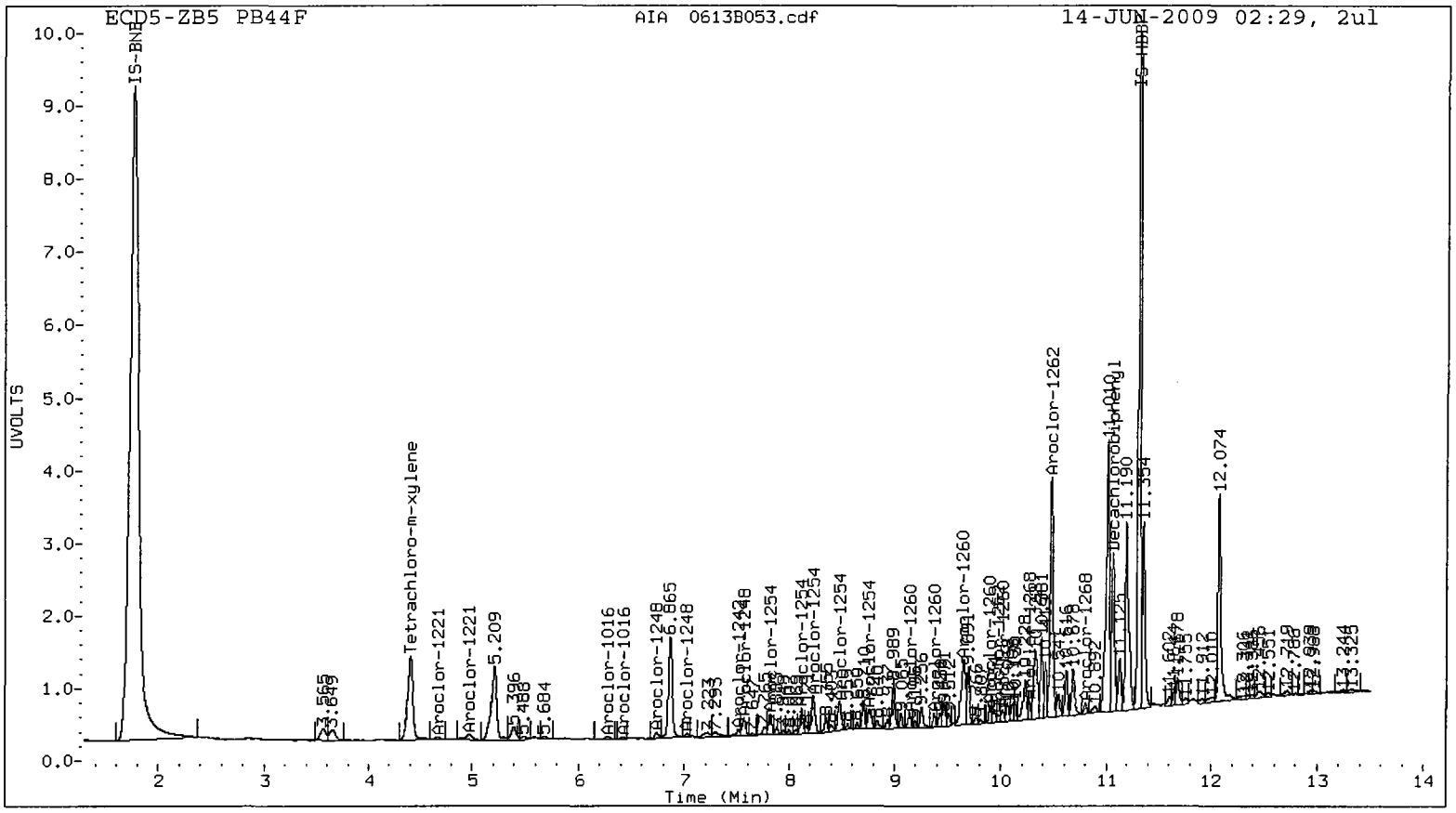
Aroclor-1248
7.709
Aroclor-1248
Aroclor-1254
Aroclor-1254
Aroclor-1254
Aroclor-1260
Aroclor-1260
Aroclor-1262
Aroclor-1268
IS-HBBP
12.772
UVOLTS
Time (Min)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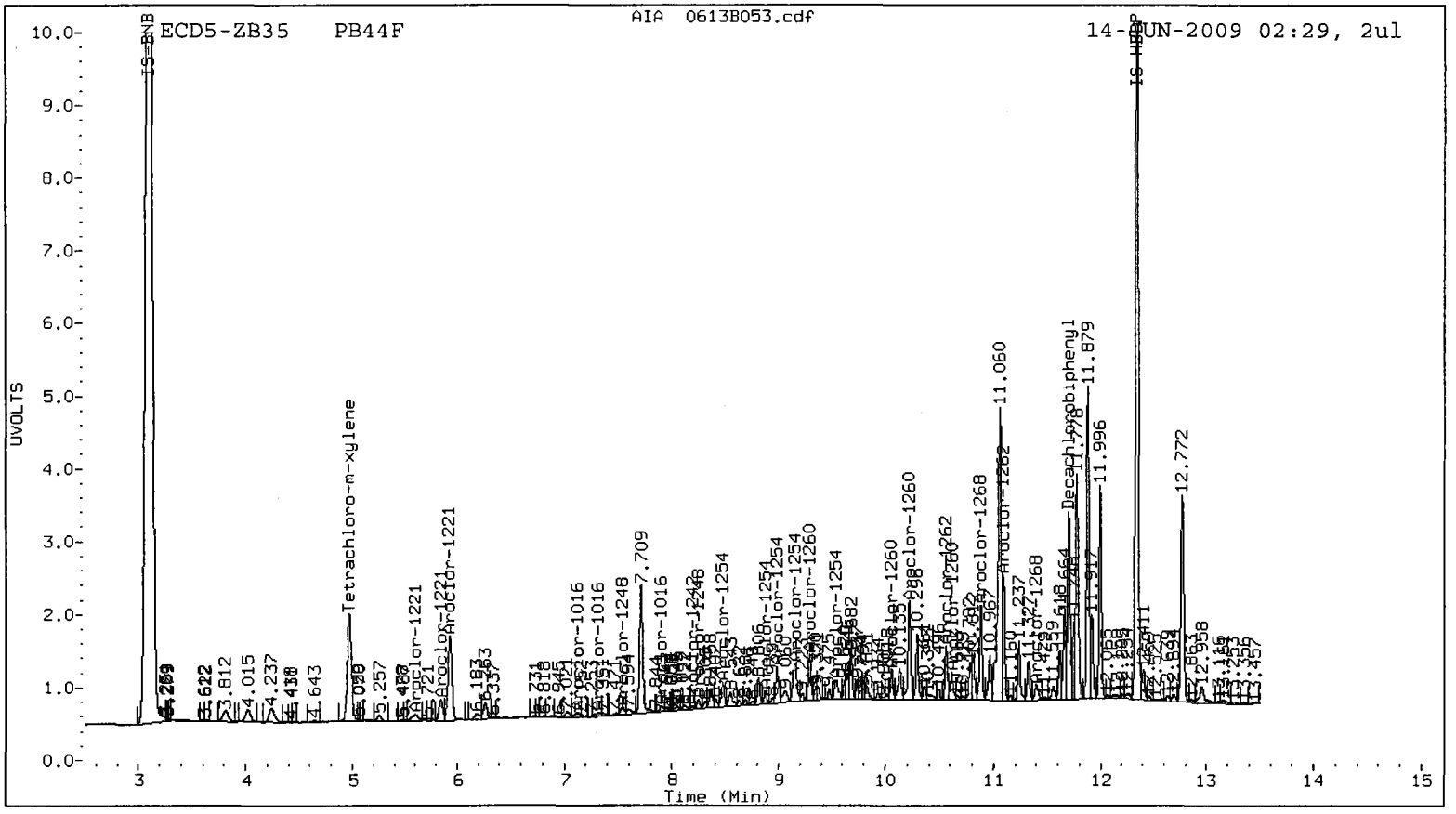
14-JUN-2009 02:29, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
12.074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14-JUN-2009 02:29, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
7.709
11.060
11.879
11.996
12.772

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: 3SED6-A
SAMPLE

Lab Sample ID: PB44G
LIMS ID: 09-12793
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 02:46
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 26.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 19.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.8	< 3.8 U
53469-21-9	Aroclor 1242	3.8	< 3.8 U
12672-29-6	Aroclor 1248	3.8	< 3.8 U
11097-69-1	Aroclor 1254	3.8	< 3.8 U
11096-82-5	Aroclor 1260	3.8	< 3.8 U
11104-28-2	Aroclor 1221	3.8	< 3.8 U
11141-16-5	Aroclor 1232	3.8	< 3.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	99.8%
Tetrachlorometaxylene	68.1%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B054.d
Data file 2: 20090606.B/0613-2.b/0613B054.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44G
Client ID:
Injection Date: 14-JUN-2009 02:46
Report Date: 06/17/2009 09:14
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.399	0.000	2021346	4.969	0.003	2182025	5.5	5.2	5.0	Tetrachloro-m-xylene
11.060	-0.001	1519081	11.702	0.000	2214100	6.2	8.0	24.6	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	68.2	64.9
Decachlorobiphenyl	77.9	99.8

06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28316982	-5.7
Hexabromobiphenyl	12924817	8892451	-31.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32534378	-2.2
Hexabromobiphenyl	11348053	9613082	-15.3

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

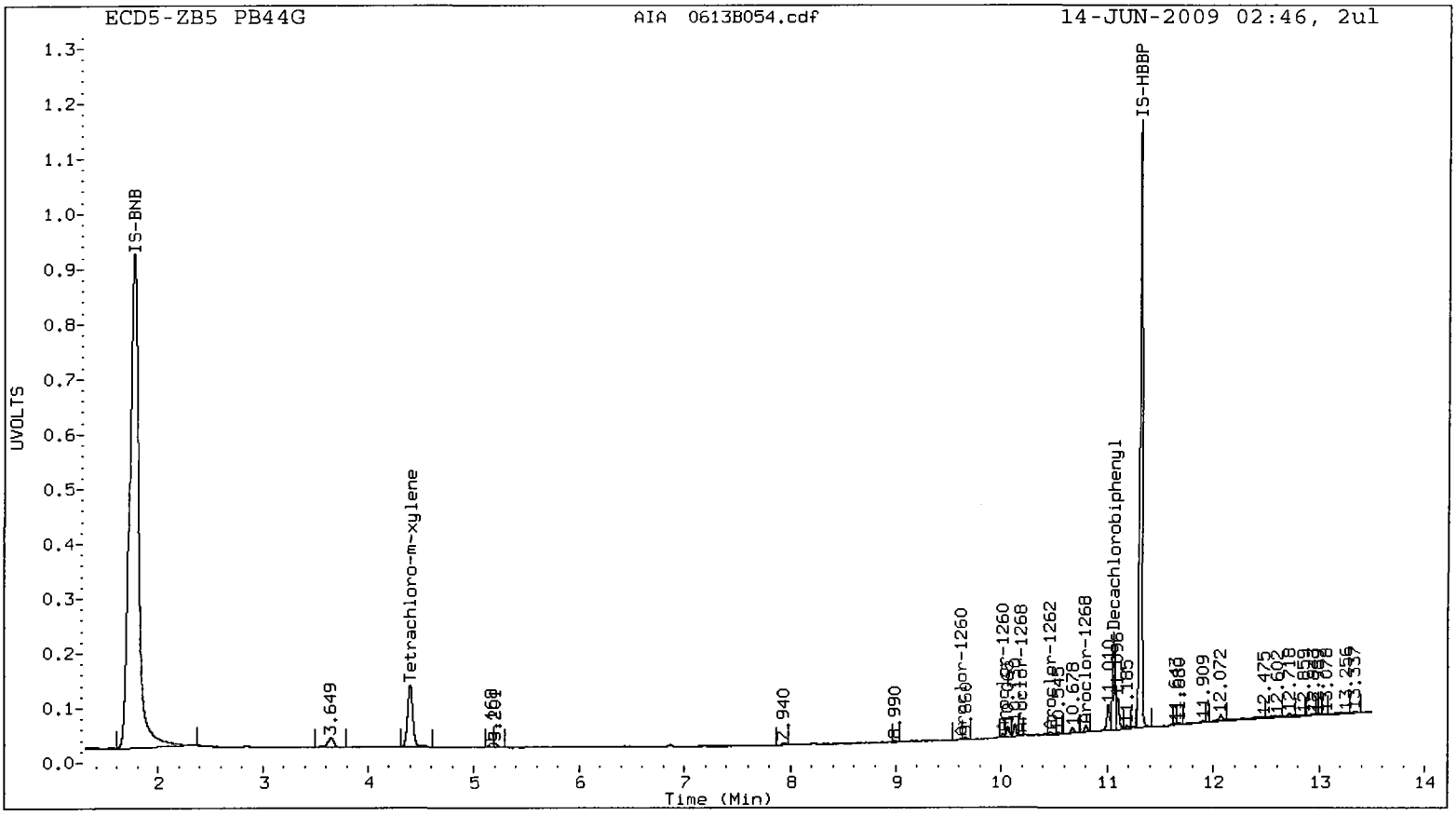
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
		ZB5 Col					ZB35 Col			
Aroclor-1016	1	---			0.0	1	---			0.0
Aroclor-1016	2	---			0.0	2	7.155	0.046	51263	1.7
Aroclor-1016	3	---			0.0	3	7.297	-0.011	39415	3.3
Aroclor-1016	4	---			0.0	4	7.949	0.057	85544	9.3
	Col1Ave: <3 Quant Peaks						Col2Ave:		4.7	
Aroclor-1221	1	---			0.0	1	5.608	0.042	33030	1.7
Aroclor-1221	2	---			0.0	2	5.845	0.054	195228	17.3
Aroclor-1221	3	---			0.0	3	5.930	0.033	117792	3.2
Aroclor-1221	NS	---			----	4	7.297	-0.014	39415	6.7
	Col1Ave: <3 Quant Peaks						Col2Ave:		7.2	
Aroclor-1232	1	---			0.0	1	5.930	0.034	117792	9.7
Aroclor-1232	2	---			0.0	2	---			0.0
Aroclor-1232	3	---			0.0	3	7.155	0.041	51263	2.4
Aroclor-1232	4	---			0.0	4	7.297	-0.013	39415	4.7
	Col1Ave: <3 Quant Peaks						Col2Ave:		5.6	
Aroclor-1242	1	---			0.0	1	---			0.0
Aroclor-1242	2	---			0.0	2	7.155	0.044	51263	1.8
Aroclor-1242	3	---			0.0	3	7.297	-0.011	39415	3.6
Aroclor-1242	4	---			0.0	4	8.107	-0.079	122525	24.4
	Col1Ave: <3 Quant Peaks						Col2Ave:		9.9	
Aroclor-1248	1	---			0.0	1	7.155	0.051	51263	2.8
Aroclor-1248	2	---			0.0	2	7.578	0.047	63580	6.1
Aroclor-1248	3	---			0.0	3	7.949	0.057	85544	6.3
Aroclor-1248	4	---			0.0	4	8.269	0.030	130526	7.4
	Col1Ave: <3 Quant Peaks						Col2Ave:		5.6	
Aroclor-1254	1	---			0.0	1	8.537	0.068	83046	4.4
Aroclor-1254	2	---			0.0	2	8.874	0.004	52060	4.2
Aroclor-1254	3	---			0.0	3	8.982	0.002	75369	3.0
Aroclor-1254	4	---			0.0	4	9.162	0.021	56089	2.0
Aroclor-1254	5	---			0.0	5	9.528	-0.004	5479	0.3
	Col1Ave: <3 Quant Peaks						Col2Ave:		2.8	
Aroclor-1260	1	---			0.0	1	9.288	0.000	17044	0.9
Aroclor-1260	2	---			0.0	2	10.061	0.006	49524	4.2
Aroclor-1260	3	9.622	0.002	22866	1.0	3	10.236	0.021	154383	5.1
Aroclor-1260	4	---			0.0	4	10.613	-0.003	67498	3.8
Aroclor-1260	5	10.014	-0.006	55556	9.5	NS	---			----
	Col1Ave: <3 Quant Peaks						Col2Ave:		3.5	
Aroclor-1262	1	---			0.0	1	10.061	0.003	49524	2.0
Aroclor-1262	2	9.622	0.003	22866	0.5	2	10.236	0.018	154383	2.7
Aroclor-1262	3	10.014	-0.007	55556	2.9	3	10.564	-0.008	59066	2.4
Aroclor-1262	4	---			0.0	4	10.613	-0.006	67498	1.9
Aroclor-1262	5	10.468	0.011	56394	3.4	5	11.089	0.006	92431	4.7
	Total Col1Ave (3 peaks):				2.3		Total Col2Ave (5 peaks):			2.7 RPD = 20
	Corrected Ave: < 3 Peaks						Corrected Ave (4 peaks):			2.3
Aroclor-1268	1	10.014	-0.007	55556	1.5	1	10.564	-0.008	59066	1.3
Aroclor-1268	2	---			0.0	2	10.613	-0.006	67498	1.6
Aroclor-1268	3	10.189	-0.043	12348	0.4	3	10.870	-0.018	34805	1.1
Aroclor-1268	4	10.802	-0.001	115974	1.4	4	11.398	-0.018	52623	0.6
	Total Col1Ave (3 peaks):				1.1		Total Col2Ave (4 peaks):			1.2 RPD = 4
	Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):			1.0

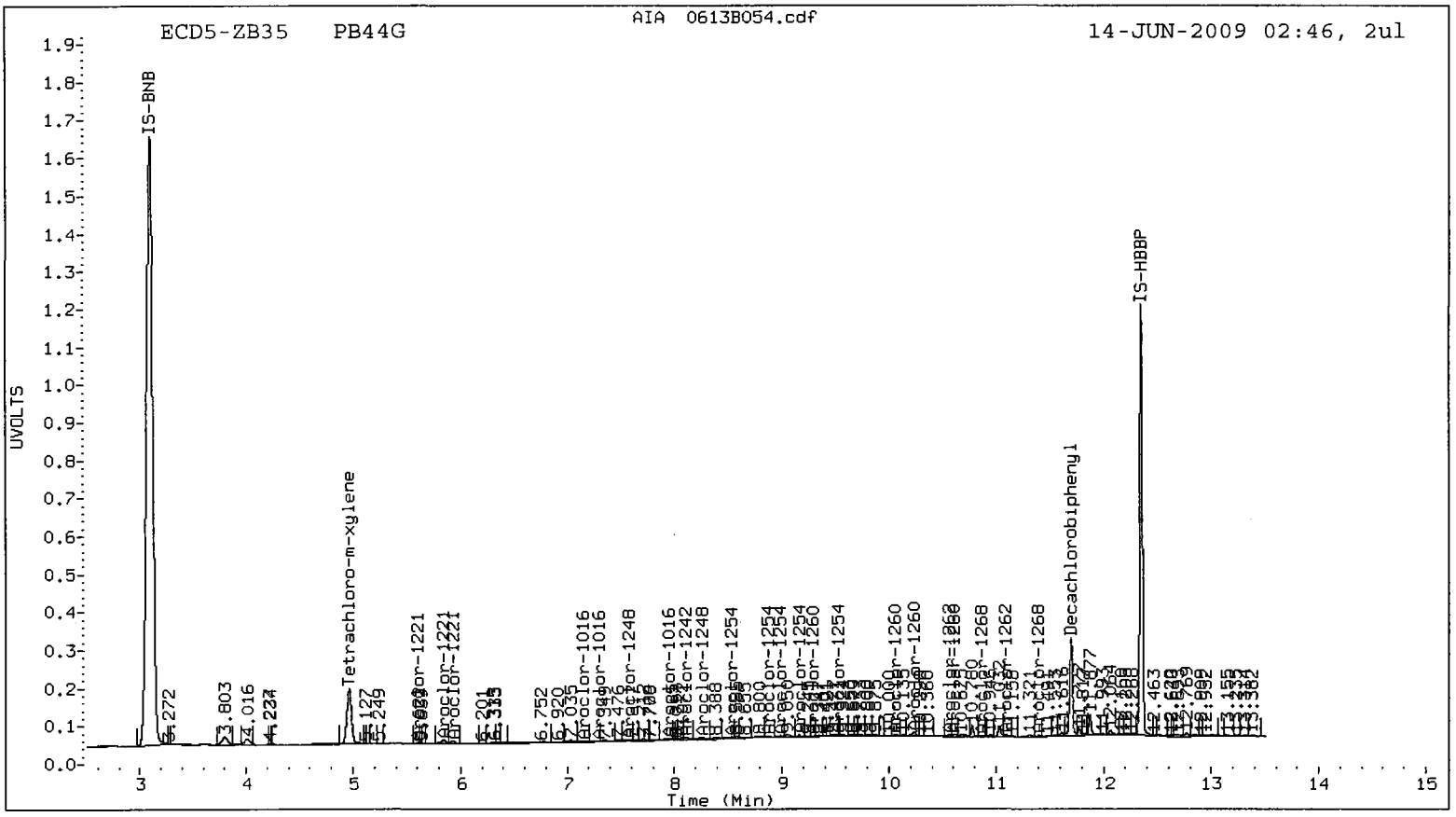
Total PCB Area Col1 (4.499 - 10.961) = 1053518 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 4181324 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.


ECD5-ZB5 PB44G
AIA 0613B054.cdf
14-JUN-2009 02:46, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
3.649
7.940
8.990
10.678
11.909
12.072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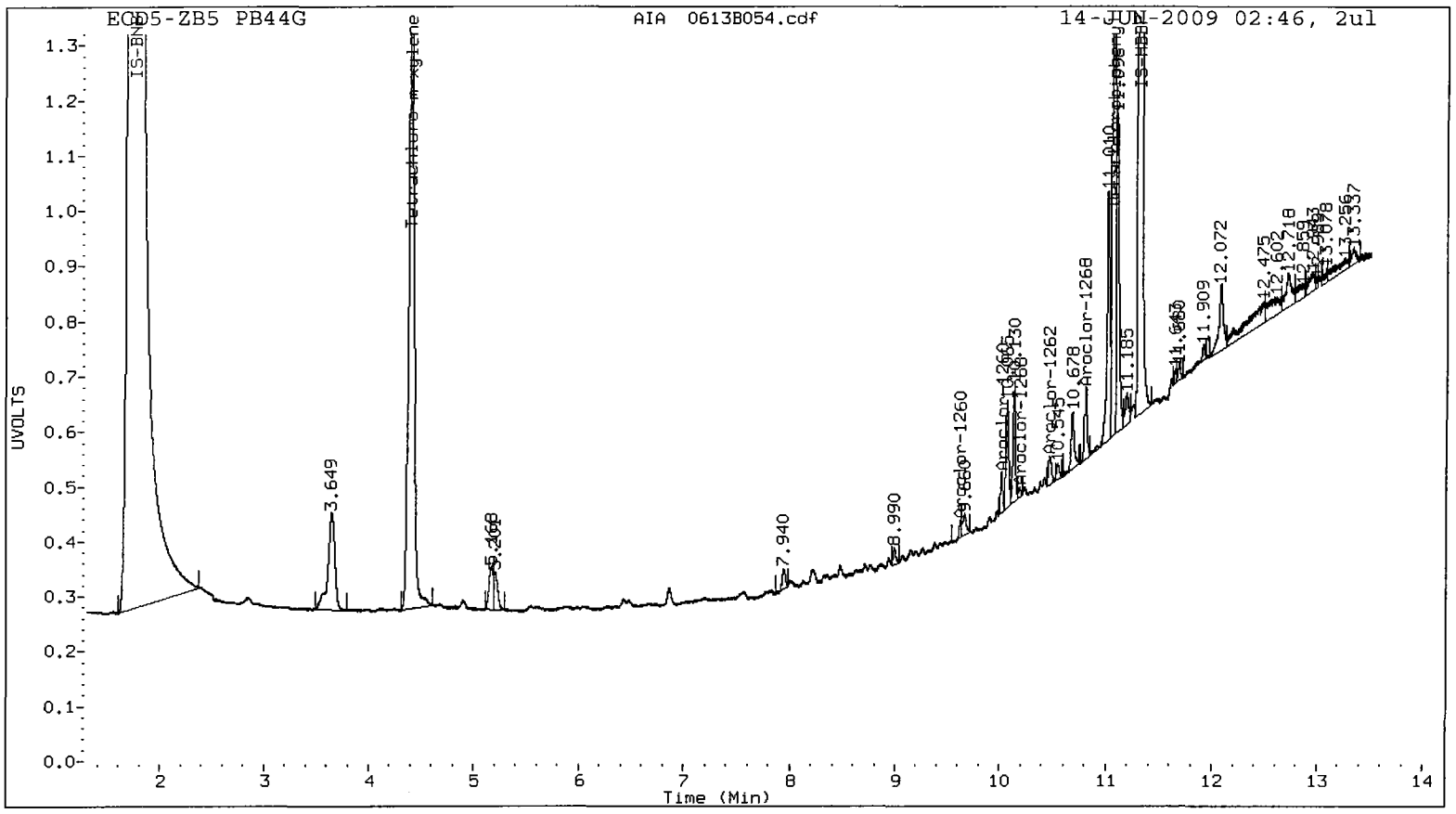
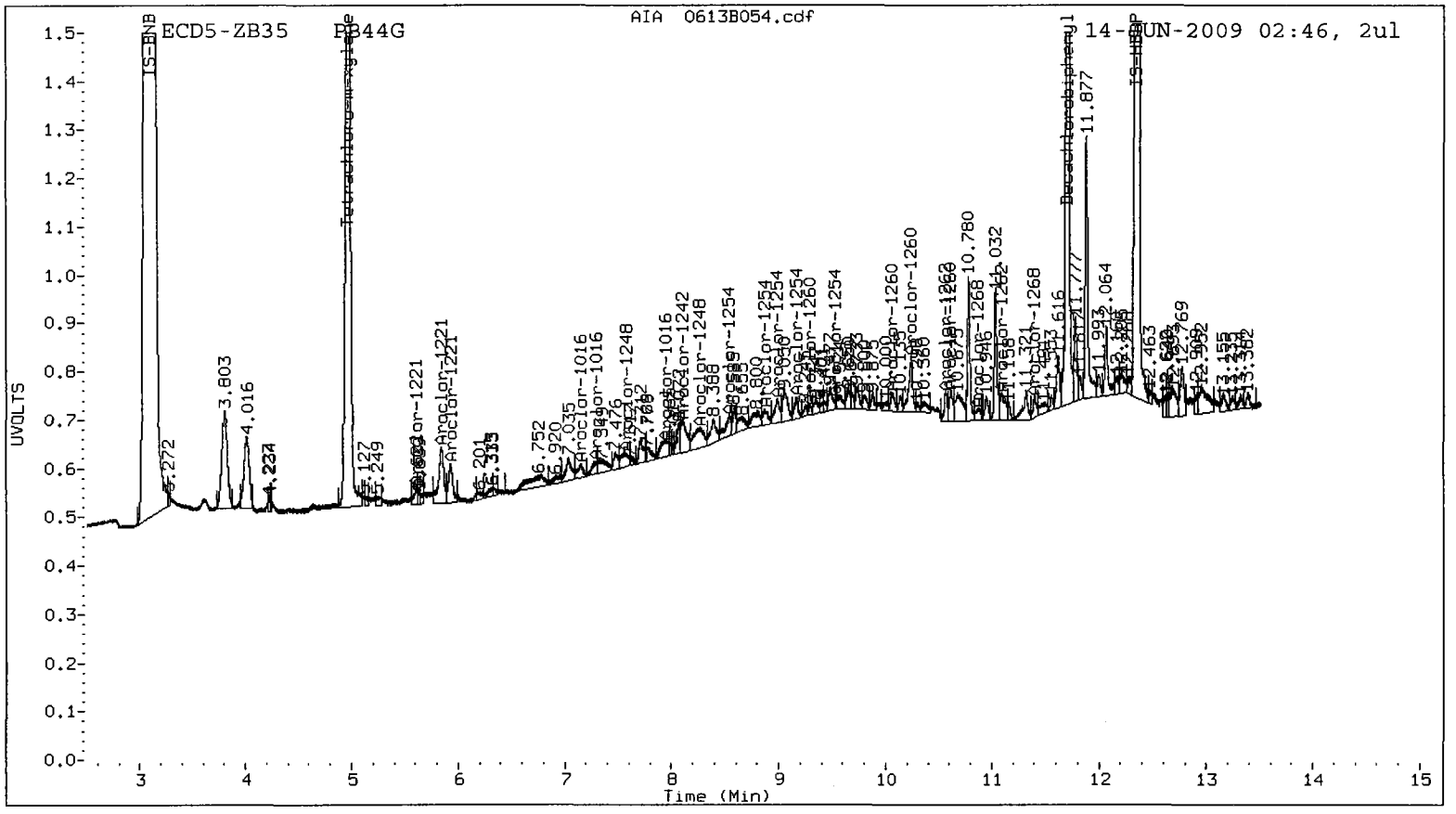
AIA 0613B054.cdf
14-JUN-2009 02:46, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl


ECD5-ZB5 PB44G
AIA 0613B054.cdf
14-JUN-2009 02:46, 2ul
IS-BNB
Tetrachloro-m-xylene
3.649
7.940
8.990
Aroclor-1260
10.678
Aroclor-1268
11.909
12.072
UVOLTS
Time (Min)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AIA 0613B054.cdf
14-JUN-2009 02:46, 2ul
IS-BNB
Tetrachloro-m-xylene
3.803
4.016
Aroclor-1221
Aroclor-1016
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268
Decachlorobiphenyl
11.877
IS-HBB
UVOLTS
Time (Min)

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED6-B
SAMPLE

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 03:03
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 13.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	82.4%
Tetrachlorometaxylene	67.1%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B055.d
Data file 2: 20090606.B/0613-2.b/0613B055.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44H
Client ID:
Injection Date: 14-JUN-2009 03:03
Report Date: 06/17/2009 09:14
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.401	0.002	2025781	4.969	0.003	2251232	5.4	5.2	2.7	Tetrachloro-m-xylene
11.059	-0.002	1659015	11.703	0.000	1773139	6.6	6.2	5.6	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	67.1	65.3
Decachlorobiphenyl	82.4	77.9

JL 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28812721	-4.1
Hexabromobiphenyl	12924817	9175320	-29.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33313001	0.1
Hexabromobiphenyl	11348053	9857398	-13.1

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

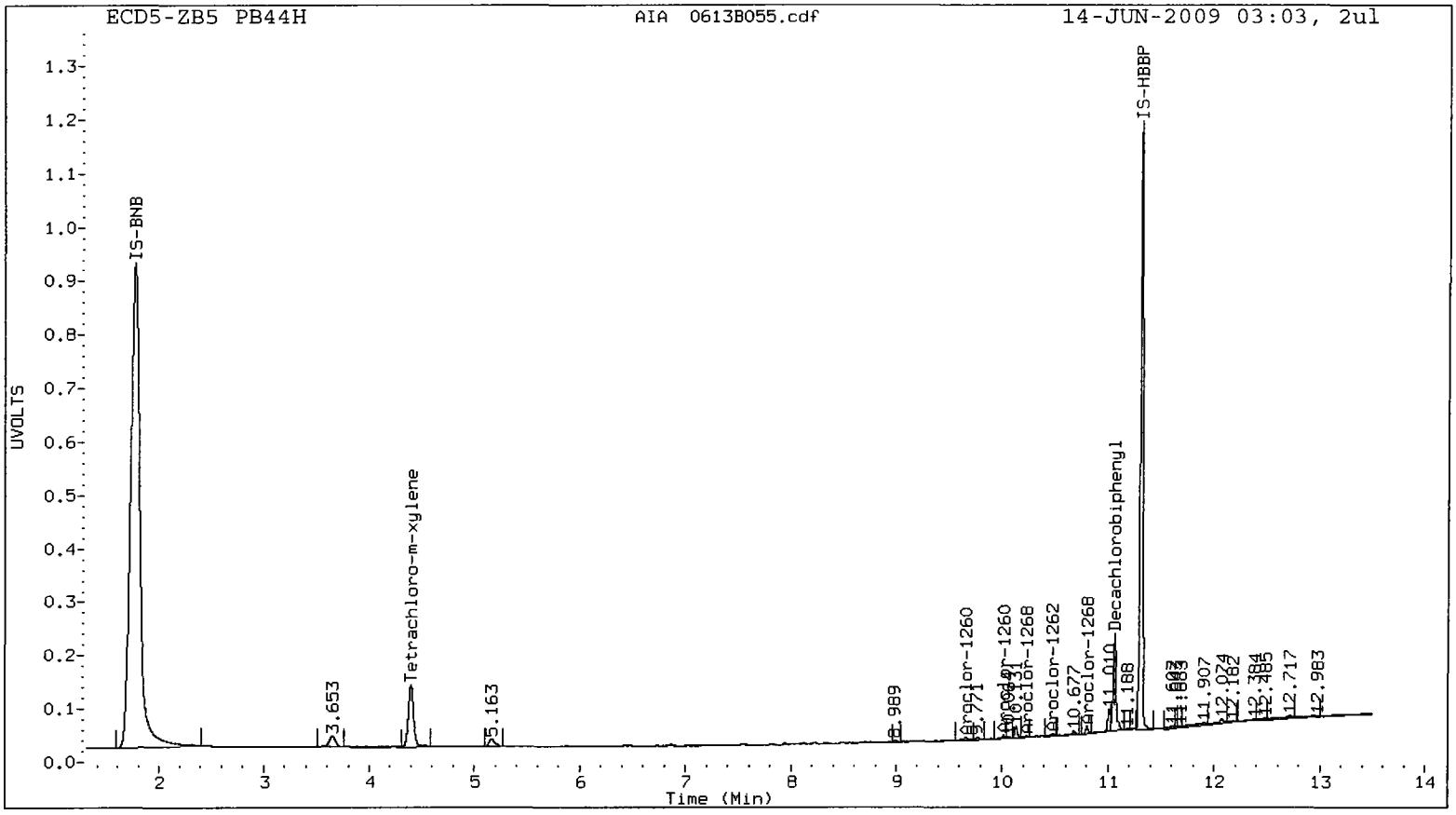
Aroclor	Peak#	RT	ZB5 Col Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.611	0.080	28937	1.9
Aroclor-1016	2	---			0.0	2	7.153	0.044	47103	1.5
Aroclor-1016	3	---			0.0	3	7.335	0.028	49704	4.0
Aroclor-1016	4	---			0.0	4	7.924	0.031	45336	4.8
	Col1Ave: <3 Quant Peaks						Col2Ave:		3.1	
Aroclor-1221	1	---			0.0	1	5.567	0.001	11719	0.6
Aroclor-1221	2	---			0.0	2	5.845	0.053	332978	28.8
Aroclor-1221	3	---			0.0	3	5.928	0.032	102798	2.7
Aroclor-1221	NS	---			----	4	7.335	0.025	49704	8.2
	Col1Ave: <3 Quant Peaks						Col2Ave:		10.1	
Aroclor-1232	1	---			0.0	1	5.928	0.032	102798	8.3
Aroclor-1232	2	---			0.0	2	6.611	0.076	28937	2.5
Aroclor-1232	3	---			0.0	3	7.153	0.040	47103	2.1
Aroclor-1232	4	---			0.0	4	7.335	0.025	49704	5.8
	Col1Ave: <3 Quant Peaks						Col2Ave:		4.7	
Aroclor-1242	1	---			0.0	1	6.611	0.082	28937	2.0
Aroclor-1242	2	---			0.0	2	7.153	0.043	47103	1.6
Aroclor-1242	3	---			0.0	3	7.335	0.028	49704	4.4
Aroclor-1242	4	---			0.0	4	8.241	0.055	55458	10.8
	Col1Ave: <3 Quant Peaks						Col2Ave:		4.7	
Aroclor-1248	1	---			0.0	1	7.153	0.049	47103	2.5
Aroclor-1248	2	---			0.0	2	7.534	0.003	27464	2.6
Aroclor-1248	3	---			0.0	3	7.924	0.031	45336	3.2
Aroclor-1248	4	---			0.0	4	8.241	0.002	55458	3.1
	Col1Ave: <3 Quant Peaks						Col2Ave:		2.9	
Aroclor-1254	1	---			0.0	1	8.471	0.001	48869	2.5
Aroclor-1254	2	---			0.0	2	8.873	0.003	64840	5.1
Aroclor-1254	3	---			0.0	3	8.979	-0.001	93843	3.7
Aroclor-1254	4	---			0.0	4	9.160	0.018	59993	2.0
Aroclor-1254	5	---			0.0	5	9.479	-0.053	24731	1.4
	Col1Ave: <3 Quant Peaks						Col2Ave:		3.0	
Aroclor-1260	1	---			0.0	1	9.286	-0.002	31828	1.7
Aroclor-1260	2	---			0.0	2	10.058	0.002	50072	4.2
Aroclor-1260	3	9.662	0.042	95371	4.0	3	10.234	0.019	126829	4.1
Aroclor-1260	4	---			0.0	4	10.605	-0.010	127043	6.9
Aroclor-1260	5	10.014	-0.007	51290	8.5	NS	---			----
	Col1Ave: <3 Quant Peaks						Col2Ave:		4.2	
Aroclor-1262	1	---			0.0	1	10.058	0.000	50072	2.0
Aroclor-1262	2	9.662	0.044	95371	2.0	2	10.234	0.016	126829	2.1
Aroclor-1262	3	10.014	-0.008	51290	2.6	3	10.562	-0.009	58680	2.3
Aroclor-1262	4	---			0.0	4	10.605	-0.013	127043	3.5
Aroclor-1262	5	10.476	0.019	44564	2.6	5	11.092	0.009	59229	2.9
	Total Col1Ave (3 peaks):				2.4		Total Col2Ave (5 peaks):		2.6	RPD = 7
	Corrected Ave: < 3 Peaks						Corrected Ave (4 peaks):		2.4	
Aroclor-1268	1	10.014	-0.008	51290	1.3	1	10.562	-0.009	58680	1.3
Aroclor-1268	2	---			0.0	2	10.605	-0.013	127043	3.0
Aroclor-1268	3	10.232	0.000	15731	0.5	3	10.893	0.005	45607	1.4
Aroclor-1268	4	10.802	-0.001	112065	1.3	4	11.404	-0.012	34109	0.4
	Total Col1Ave (3 peaks):				1.1		Total Col2Ave (4 peaks):		1.5	RPD = 35
	Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):		1.0	

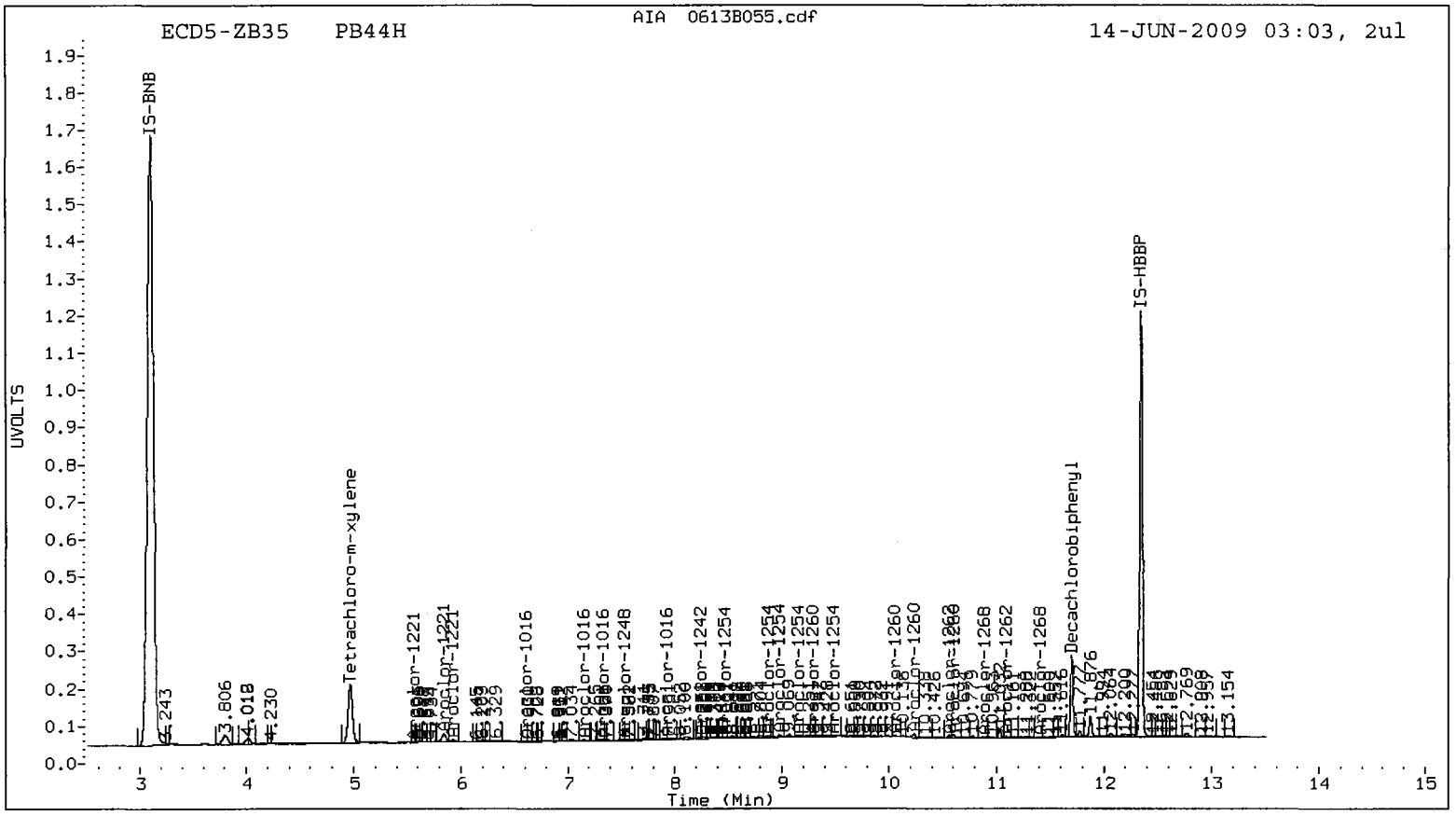
Total PCB Area Col1 (4.499 - 10.961) = 971833 Col1 Total PCB = 0.0 ppm*

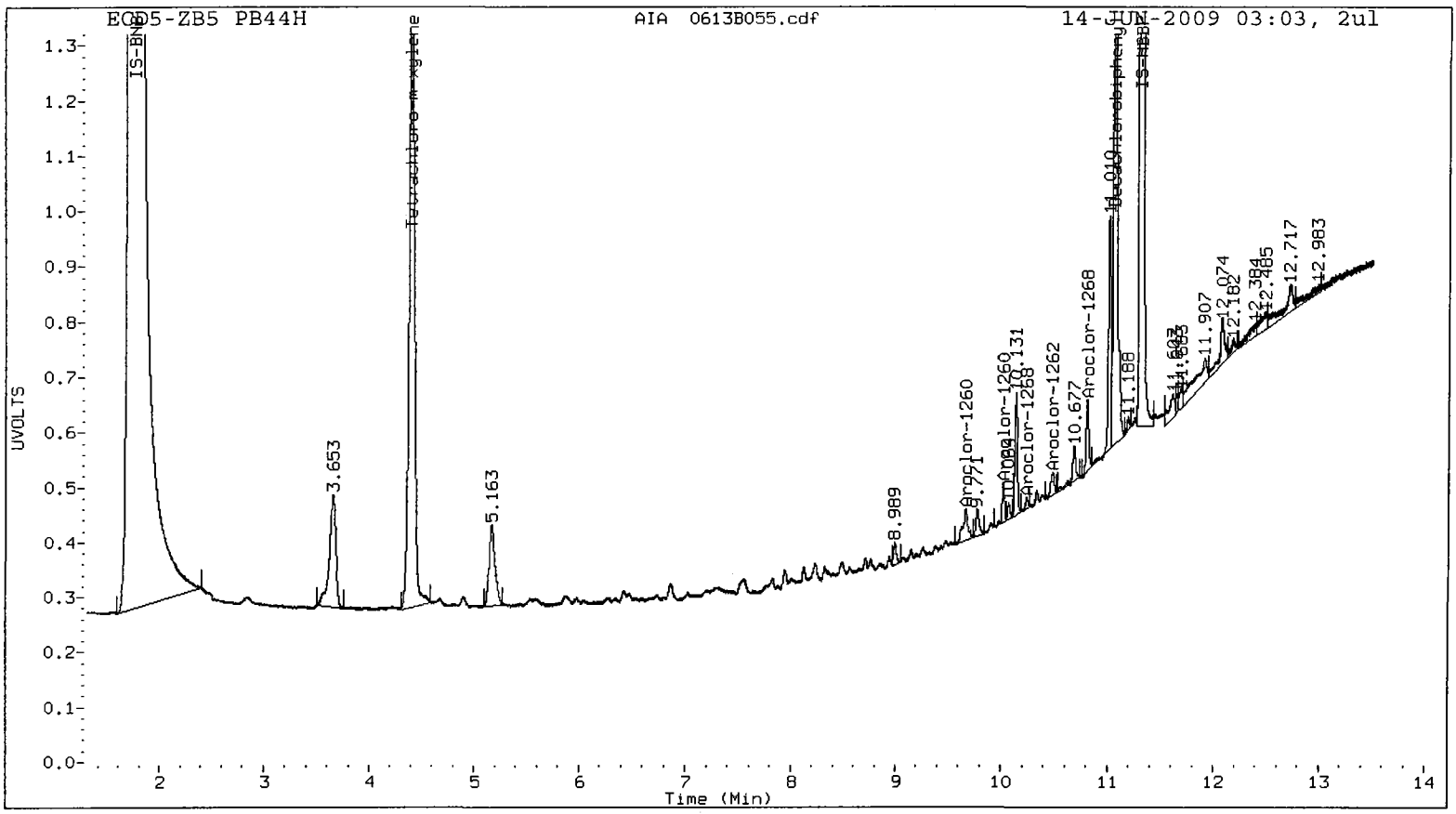
Total PCB Area Col2 (5.066 - 11.603) = 4156808 Col2 Total PCB = 0.0 ppm*

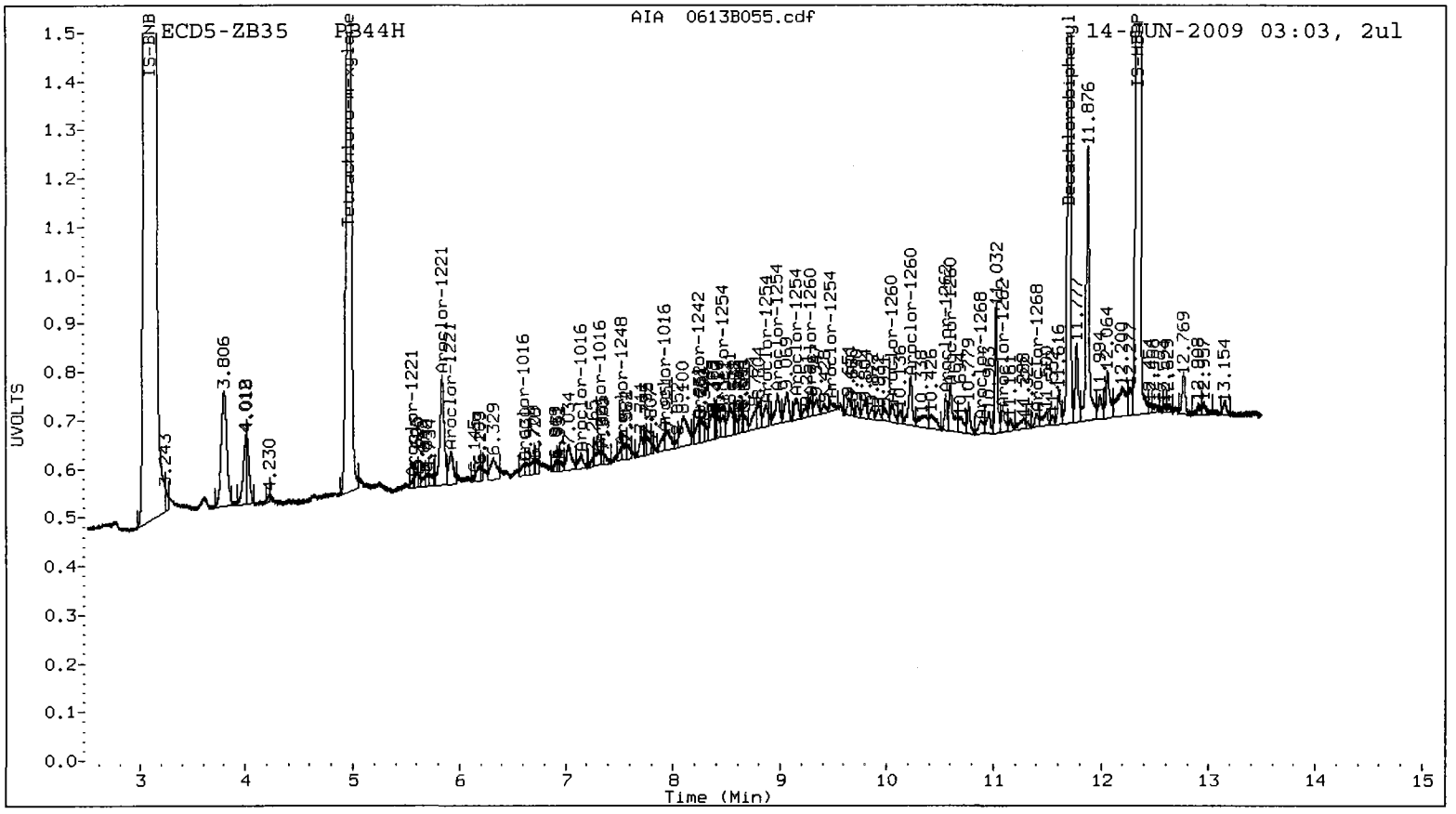
* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.


ECD5-ZB5 PB44H
AIA 0613B055.cdf
14-JUN-2009 03:03, 2ul
IS-BNB
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
UVOLTS
Time (Min)


ECD5-ZB35 PB44H
AIA 0613B055.cdf
14-JUN-2009 03:03, 2ul
IS-BNB
Tetrachloro-m-xylene
IS-HBBP
Decachlorobiphenyl
UVOLTS
Time (Min)


ECD5-ZB5 PB44H
AIA 0613B055.cdf
14-JUN-2009 03:03, 2ul
UVOLTS
Time (Min)
IS-BNB
3.653
Tetrachloro-m-xylene
5.163
8.989
9.771
Aroclor-1260
10.131
Aroclor-1268
Aroclor-1262
10.677
Aroclor-1268
11.188
11.907
12.074
12.182
12.384
12.485
12.717
12.983


ECD5-ZB35 PB44H
AIA 0613B055.cdf
14-JUN-2009 03:03, 2ul
UVOLTS
Time (Min)
IS-BNB
2.243
3.806
4.018
4.230
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1221
5.329
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1248
Aroclor-1016
Aroclor-1242
Aroclor-1254
Aroclor-1254
Aroclor-1254
Aroclor-1254
Aroclor-1260
Aroclor-1254
Aroclor-1260
Aroclor-1260
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Aroclor-1268
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
11.876
IS-HBB
12.299
13.154

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED6-C
SAMPLE

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 03:20
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 14.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	90.4%
Tetrachlorometaxylene	75.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B056.d
Data file 2: 20090606.B/0613-2.b/0613B056.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44I
Client ID:
Injection Date: 14-JUN-2009 03:20
Report Date: 06/17/2009 09:14
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.401	0.002	2233779	4.968	0.002	2532108	6.0	6.0	0.5	Tetrachloro-m-xylene
11.059	-0.001	1879615	11.703	0.000	1862734	7.2	6.5	10.8	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	75.5	75.2
Decachlorobiphenyl	90.4	81.2

JR 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28239011	-6.0
Hexabromobiphenyl	12924817	9478786	-26.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32567023	-2.1
Hexabromobiphenyl	11348053	9939070	-12.4

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

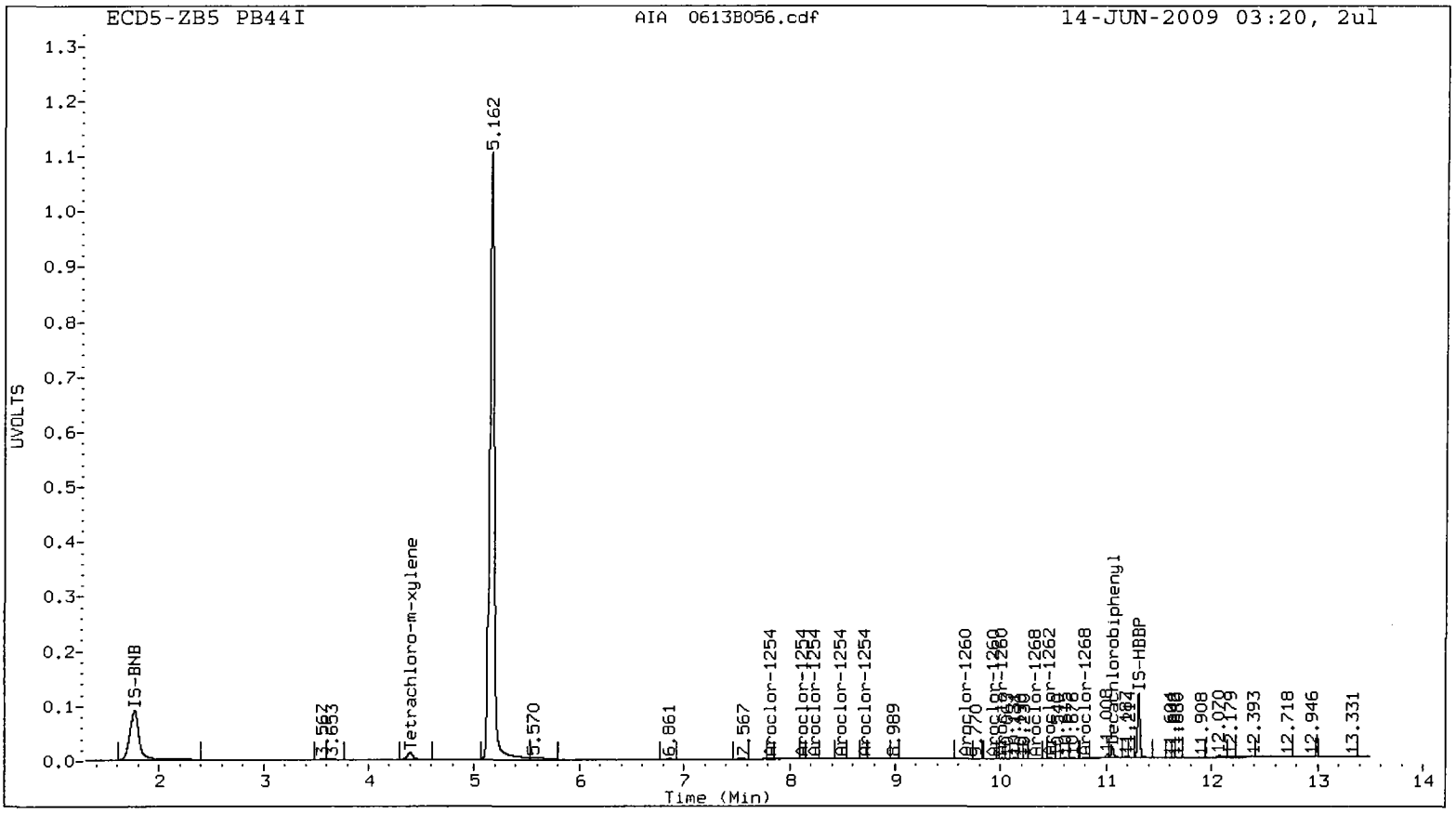
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.523	-0.007	34269	2.3
Aroclor-1016	2	---			0.0	2	7.155	0.046	69643	2.2
Aroclor-1016	3	---			0.0	3	7.287	-0.020	56288	4.7
Aroclor-1016	4	---			0.0	4	7.946	0.053	110380	12.0
		Col1Ave: <3 Quant Peaks					Col2Ave:		5.3	
Aroclor-1221	1	---			0.0	1	5.613	0.047	158690	8.4
Aroclor-1221	2	---			0.0	2	5.846	0.054	258015362	22866.6
Aroclor-1221	3	---			0.0	3	---			0.0
Aroclor-1221	NS	---			---	4	7.287	-0.023	56288	9.5
		Col1Ave: <3 Quant Peaks					Col2Ave:		7628.2	
Aroclor-1232	1	---			0.0	1	5.846	-0.050	258015362	21244.7
Aroclor-1232	2	---			0.0	2	6.523	-0.012	34269	3.1
Aroclor-1232	3	---			0.0	3	7.155	0.042	69643	3.3
Aroclor-1232	4	---			0.0	4	7.287	-0.023	56288	6.7
		Col1Ave: <3 Quant Peaks					Col2Ave:		5314.4	
Aroclor-1242	1	---			0.0	1	6.523	-0.006	34269	2.4
Aroclor-1242	2	---			0.0	2	7.155	0.044	69643	2.4
Aroclor-1242	3	---			0.0	3	7.287	-0.020	56288	5.1
Aroclor-1242	4	---			0.0	4	8.243	0.058	93028	18.5
		Col1Ave: <3 Quant Peaks					Col2Ave:		7.1	
Aroclor-1248	1	---			0.0	1	7.155	0.051	69643	3.8
Aroclor-1248	2	---			0.0	2	7.543	0.012	69556	6.7
Aroclor-1248	3	---			0.0	3	7.946	0.054	110380	8.1
Aroclor-1248	4	---			0.0	4	8.243	0.004	93028	5.3
		Col1Ave: <3 Quant Peaks					Col2Ave:		6.0	
Aroclor-1254	1	7.821	0.000	35507	1.6	1	8.468	-0.001	38307	2.0
Aroclor-1254	2	8.123	-0.002	42590	3.0	2	8.870	0.000	75287	6.1
Aroclor-1254	3	8.229	-0.002	68872	2.6	3	8.979	-0.002	107344	4.3
Aroclor-1254	4	8.486	-0.004	44890	1.6	4	9.158	0.016	79855	2.8
Aroclor-1254	5	8.711	-0.054	32246	1.9	5	9.528	-0.004	84713	5.0
		Total Col1Ave (5 peaks):			2.1		Total Col2Ave (5 peaks):		4.1	RPD = 62*
		Corrected Ave (4 peaks):			1.9		Corrected Ave (4 peaks):		3.5	RPD = 60*
Aroclor-1260	1	---			0.0	1	9.287	-0.001	60359	3.2
Aroclor-1260	2	---			0.0	2	10.061	0.006	49253	4.1
Aroclor-1260	3	9.660	0.040	174169	7.1	3	10.235	0.020	185105	6.0
Aroclor-1260	4	9.930	0.031	44373	3.5	4	10.607	-0.008	177265	9.6
Aroclor-1260	5	10.012	-0.009	83657	13.5	NS	---			----
		Total Col1Ave (3 peaks):			8.0		Total Col2Ave (4 peaks):		5.7	RPD = 34
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		4.4	
Aroclor-1262	1	---			0.0	1	10.061	0.003	49253	2.0
Aroclor-1262	2	9.660	0.041	174169	3.6	2	10.235	0.017	185105	3.1
Aroclor-1262	3	9.930	-0.091	44373	2.1	3	10.563	-0.008	128244	5.1
Aroclor-1262	4	10.012	9.012	83657	3.8	4	10.607	-0.011	177265	4.8
Aroclor-1262	5	10.470	0.014	187450	10.6	5	11.031	-0.052	443633	21.9
		Total Col1Ave (4 peaks):			5.0		Total Col2Ave (5 peaks):		7.4	RPD = 37
		Corrected Ave (3 peaks):			3.2		Corrected Ave (4 peaks):		3.7	RPD = 16
Aroclor-1268	1	9.930	-0.091	44373	1.1	1	10.563	-0.009	128244	2.8
Aroclor-1268	2	10.012	9.012	83657	2.2	2	10.607	-0.011	177265	4.2
Aroclor-1268	3	10.328	0.097	89990	3.0	3	10.881	-0.007	70720	2.2
Aroclor-1268	4	10.801	-0.002	123855	1.4	4	11.395	-0.021	74149	0.8
		Total Col1Ave (4 peaks):			1.9		Total Col2Ave (4 peaks):		2.5	RPD = 25
		Corrected Ave (3 peaks):			1.6		Corrected Ave (3 peaks):		1.9	RPD = 18

Total PCB Area Col1 (4.499 - 10.961) = 178971410 Col1 Total PCB = 0.9 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 263357374 Col2 Total PCB = 1.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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6.861
7.567
Aroclor-1254
Aroclor-1260
Aroclor-1268
Decachlorobiphenyl
IS-HBBP
11.908
12.393
12.718
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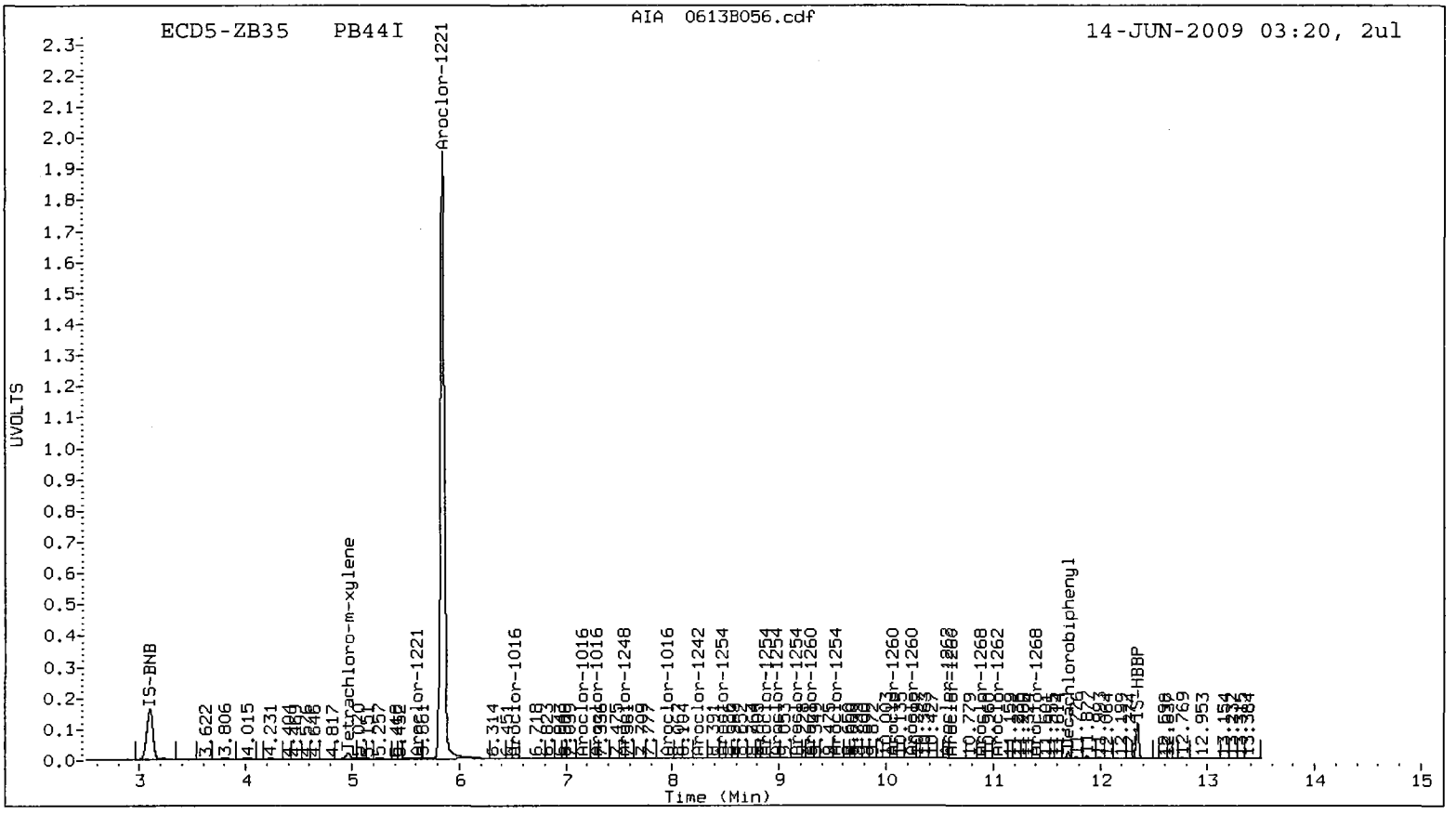
13.331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Tetrachloro-m-xylene
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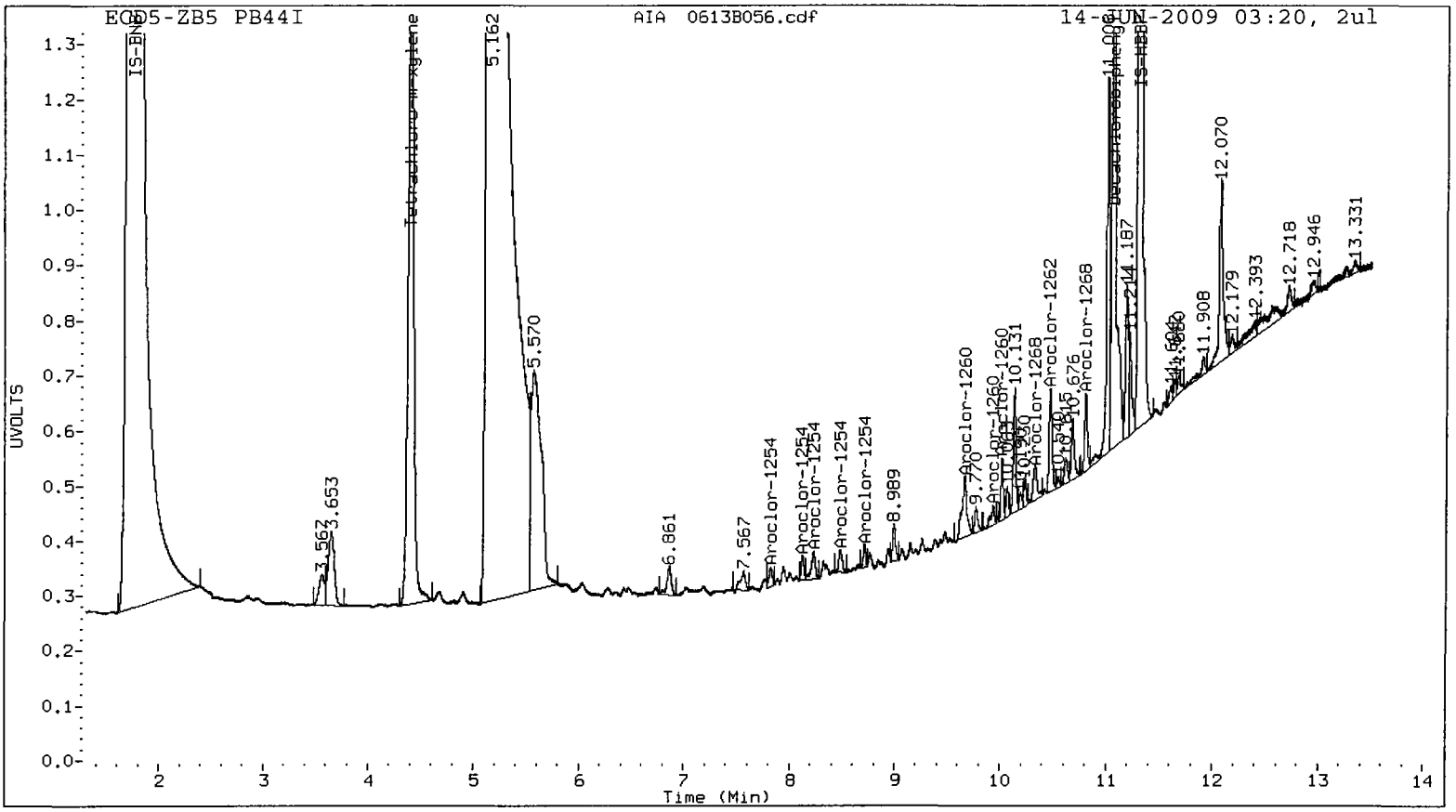
Aroclor-1016
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
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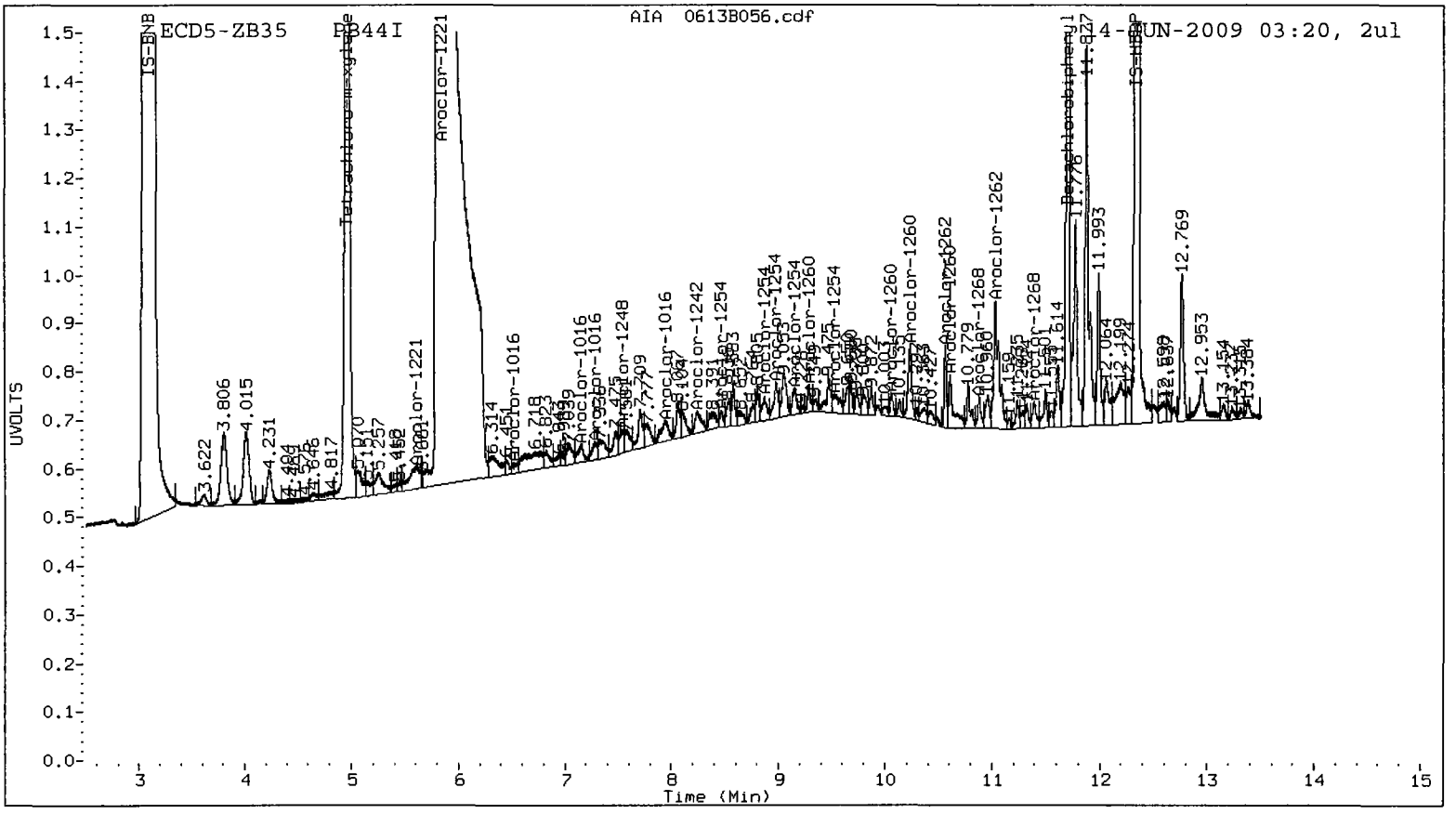
5.162
5.570
3.562
3.653
6.861
7.567
8.989
9.770
10.131
11.676
11.908
12.070
12.179
12.393
12.718
12.946
13.331
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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UVOLTS
Time (Min)
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Tetrachloro-m-xylene
Aroclor-1221
3.622
3.806
4.015
4.231
4.817
5.257
6.314
6.718
7.709
8.104
9.475
10.135
10.779
11.776
11.827
11.993
12.769
12.953
13.154
Aroclor-1016
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Perylene-d12
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED7-A
SAMPLE

Lab Sample ID: PB44J
LIMS ID: 09-12796
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 12:04
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 27.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	105%
Tetrachlorometaxylene	80.0%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0615-1.b/0615B018.d
Data file 2: 20090606.B/0615-2.b/0615B018.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44J
Client ID:
Injection Date: 15-JUN-2009 12:04
Report Date: 06/17/2009 08:43
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.401	0.005	2387016	4.967	0.004	2475079	6.4	6.1	4.3	Tetrachloro-m-xylene
11.061	0.001	2306174	11.702	-0.001	2160558	8.4	7.1	17.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	80.0	76.7
Decachlorobiphenyl	105.0	88.3

jr 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28477204	-5.2
Hexabromobiphenyl	12924817	10017364	-22.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31219755	-6.2
Hexabromobiphenyl	11348053	10591741	-6.7

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

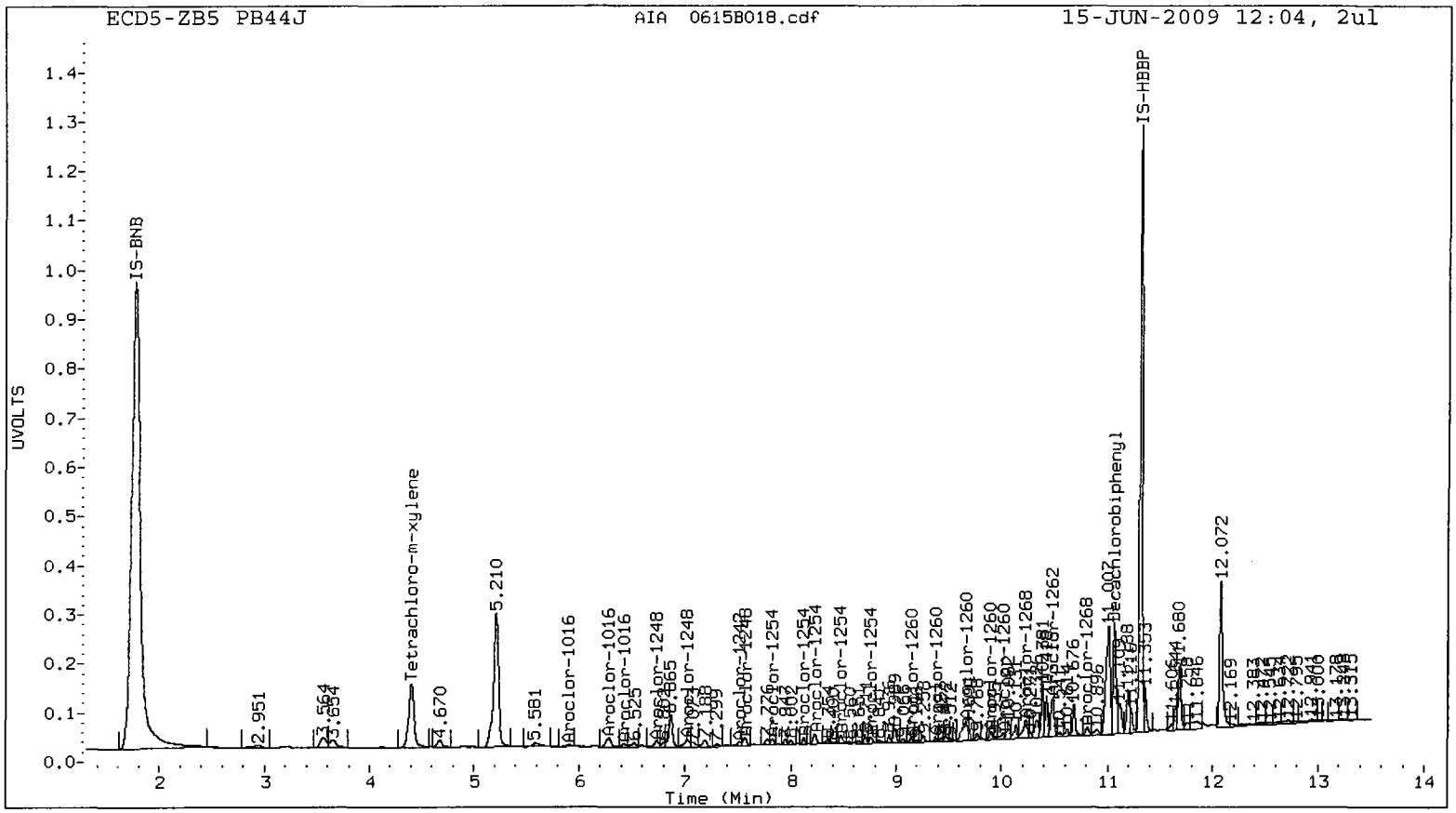
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.899	-0.002	56185	6.5	1	6.531	0.001	62105	4.4
Aroclor-1016	2	6.276	0.002	321222	11.6	2	7.114	0.006	376704	12.7
Aroclor-1016	3	6.424	0.004	98665	8.3	3	7.314	0.008	107700	9.3
Aroclor-1016	4	---			0.0	4	7.892	0.001	208856	23.6
	Total Col1Ave (3 peaks):			8.8		Total Col2Ave (4 peaks):			12.5	RPD = 34
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			8.8	
Aroclor-1221	1	---			0.0	1	5.571	0.005	275771	15.2
Aroclor-1221	2	---			0.0	2	5.777	-0.014	17840	1.6
Aroclor-1221	3	---			0.0	3	5.928	0.032	4405527	123.2
Aroclor-1221	NS	---			----	4	7.314	0.004	107700	19.0
	Col1Ave: <3 Quant Peaks					Col2Ave:			39.8	
Aroclor-1232	1	---			0.0	1	5.928	0.033	4405527	378.4
Aroclor-1232	2	5.899	-0.002	56185	9.1	2	6.531	-0.004	62105	5.8
Aroclor-1232	3	6.276	0.004	321222	16.3	3	7.114	0.001	376704	18.3
Aroclor-1232	4	6.424	-0.001	98665	11.6	4	7.314	0.004	107700	13.3
	Total Col1Ave (3 peaks):			12.3		Total Col2Ave (4 peaks):			104.0	RPD = 158*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			12.5	
Aroclor-1242	1	5.899	-0.004	56185	6.7	1	6.531	0.001	62105	4.6
Aroclor-1242	2	6.276	-0.001	321222	12.0	2	7.114	0.004	376704	13.6
Aroclor-1242	3	6.424	0.003	98665	8.5	3	7.314	0.008	107700	10.2
Aroclor-1242	4	7.514	0.003	110257	12.0	4	8.185	-0.001	44185	9.2
	Total Col1Ave (4 peaks):			9.8		Total Col2Ave (4 peaks):			9.4	RPD = 4
	Corrected Ave (3 peaks):			9.1		Corrected Ave (3 peaks):			8.0	RPD = 13
Aroclor-1248	1	6.276	0.004	321222	19.5	1	7.114	0.011	376704	21.6
Aroclor-1248	2	6.739	0.002	184647	17.1	2	7.532	0.002	182109	18.2
Aroclor-1248	3	7.024	0.001	257152	20.4	3	7.892	0.001	208856	16.0
Aroclor-1248	4	7.566	0.005	202854	10.1	4	8.238	0.000	156234	9.2
	Total Col1Ave (4 peaks):			16.8		Total Col2Ave (4 peaks):			16.2	RPD = 3
	Corrected Ave (3 peaks):			15.6		Corrected Ave (3 peaks):			14.5	RPD = 7
Aroclor-1254	1	7.823	0.002	134421	6.0	1	8.467	-0.002	212008	11.8
Aroclor-1254	2	8.123	-0.001	120616	8.4	2	8.870	0.001	87975	7.4
Aroclor-1254	3	8.230	0.000	255697	9.4	3	8.980	0.000	273837	11.5
Aroclor-1254	4	8.478	-0.013	176995	6.2	4	9.160	0.020	254741	9.3
Aroclor-1254	5	8.762	-0.003	140510	8.2	5	9.544	0.012	122844	7.6
	Total Col1Ave (5 peaks):			7.6		Total Col2Ave (5 peaks):			9.5	RPD = 22
	Corrected Ave (4 peaks):			7.2		Corrected Ave (4 peaks):			9.0	RPD = 22
Aroclor-1260	1	9.146	-0.002	85916	8.0	1	9.288	0.000	212756	10.7
Aroclor-1260	2	9.374	0.001	77476	7.6	2	10.059	0.004	189959	14.7
Aroclor-1260	3	9.659	0.040	671309	25.9	3	10.220	0.005	536879	16.2
Aroclor-1260	4	9.896	-0.003	153862	11.4	4	10.609	-0.006	298791	15.2
Aroclor-1260	5	10.015	-0.005	163003	24.8	NS	---			----
	Total Col1Ave (5 peaks):			15.5		Total Col2Ave (4 peaks):			14.2	RPD = 9
	Corrected Ave (4 peaks):			13.0		Corrected Ave (3 peaks):			13.5	RPD = 4
Aroclor-1262	1	9.374	0.000	77476	3.6	1	10.059	0.001	189959	7.1
Aroclor-1262	2	9.659	0.040	671309	13.1	2	10.220	0.001	536879	8.4
Aroclor-1262	3	10.015	-0.007	163003	7.5	3	10.563	-0.008	352262	13.1
Aroclor-1262	4	---			0.0	4	10.609	-0.010	298791	7.7
Aroclor-1262	5	10.476	0.019	883567	47.3	5	11.092	0.009	414211	19.2
	Total Col1Ave (4 peaks):			17.9		Total Col2Ave (5 peaks):			11.1	RPD = 47*
	Corrected Ave (3 peaks):			8.1		Corrected Ave (4 peaks):			9.1	RPD = 12
Aroclor-1268	1	10.015	-0.007	163003	3.9	1	10.563	-0.009	352262	7.2
Aroclor-1268	2	---			0.0	2	10.609	-0.010	298791	6.6
Aroclor-1268	3	10.224	-0.008	534006	16.7	3	10.880	-0.008	472263	13.5
Aroclor-1268	4	10.802	-0.001	181166	2.0	4	11.398	-0.018	183027	1.8
	Total Col1Ave (3 peaks):			7.5		Total Col2Ave (4 peaks):			7.3	RPD = 3
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			5.2	

Total PCB Area Col1 (4.496 - 10.959) = 16974891 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.064 - 11.603) = 19289781 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Time (Min)
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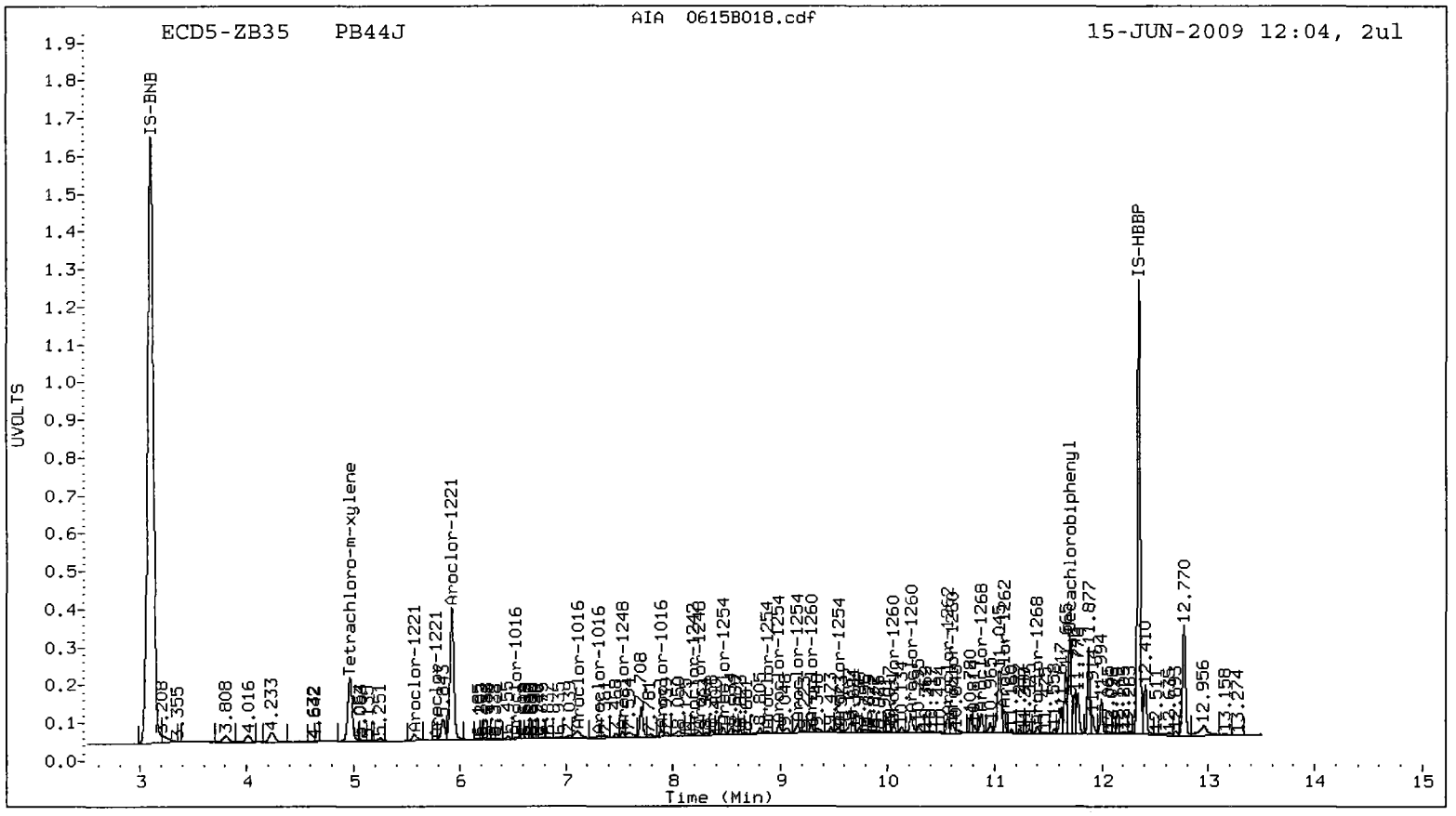
Tetrachloro-m-xylene
5.210
IS-HBBP
Decachlorobiphenyl
12.072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IS-HBBP
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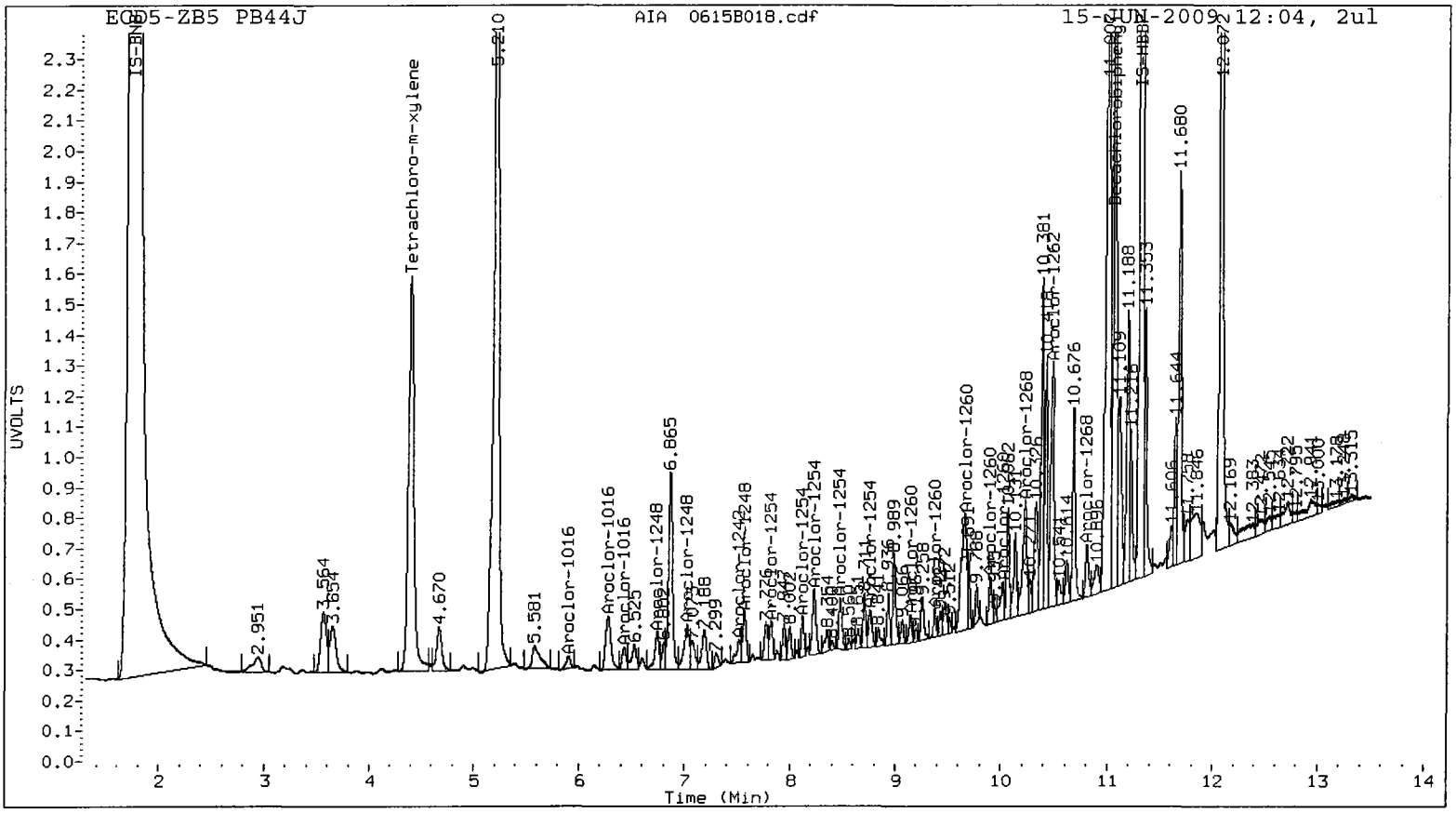
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IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
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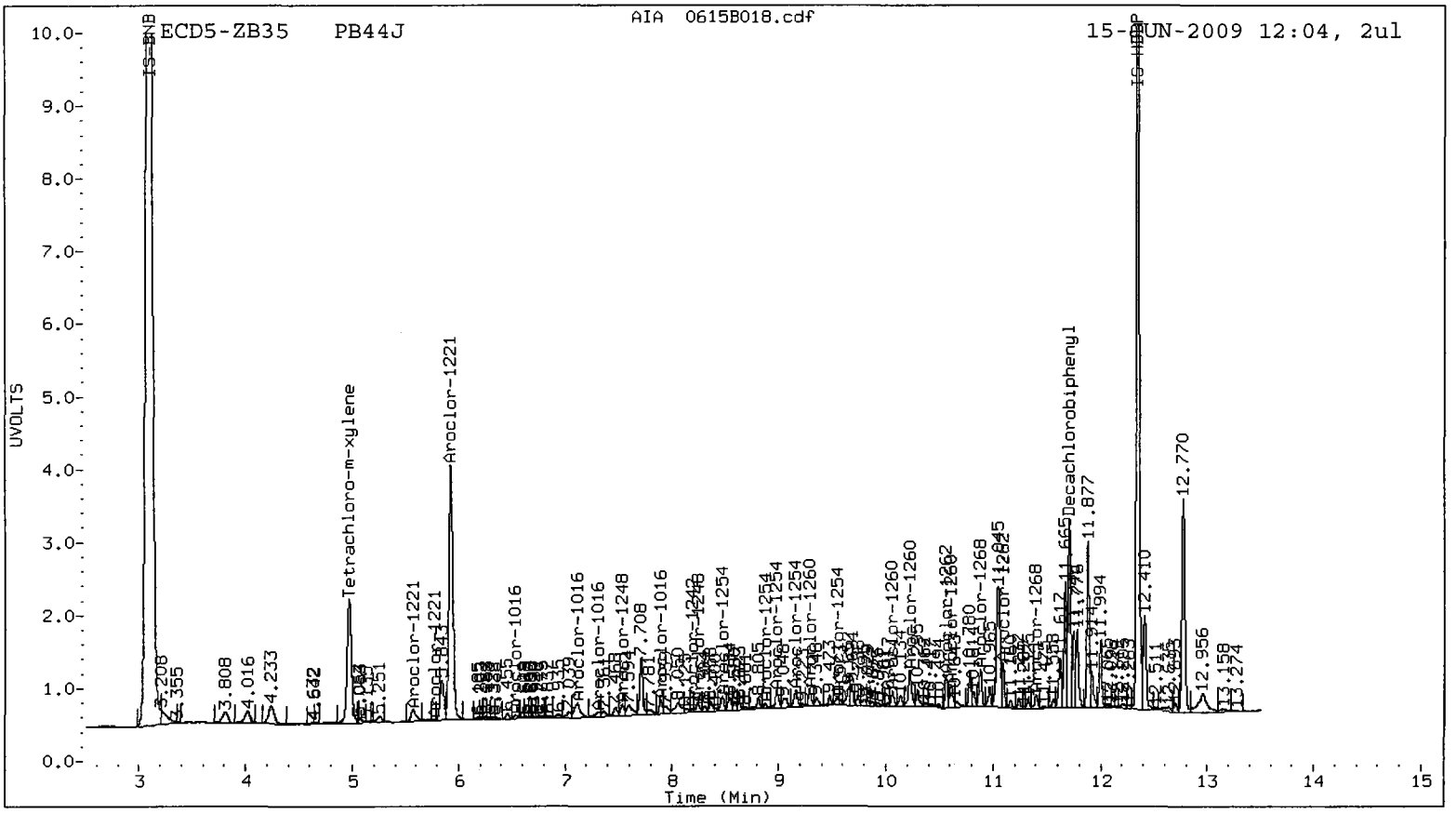
Aroclor-1260
Aroclor-1268
Decachlorobiphenyl
IS-HBB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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268
Decachlorobiphenyl
IS-HBB

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED7-B
SAMPLE

Lab Sample ID: PB44K
LIMS ID: 09-12797
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 12:21
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 49.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	**Aroclor 1242**	**3.9**	**4.5**
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	82.5%
Tetrachlorometaxylene	72.0%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0615-1.b/0615B019.d
Data file 2: 20090606.B/0615-2.b/0615B019.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44K
Client ID:
Injection Date: 15-JUN-2009 12:21
Report Date: 06/17/2009 08:43
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.398	0.002	2079027	4.966	0.002	2251551	5.8	5.6	2.0	Tetrachloro-m-xylene
11.059	0.000	1779540	11.702	-0.001	1954142	6.6	6.5	0.8	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	72.0	70.6
Decachlorobiphenyl	82.5	81.8

jc 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27559527	-8.2
Hexabromobiphenyl	12924817	9836115	-23.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	30837678	-7.3
Hexabromobiphenyl	11348053	10346382	-8.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

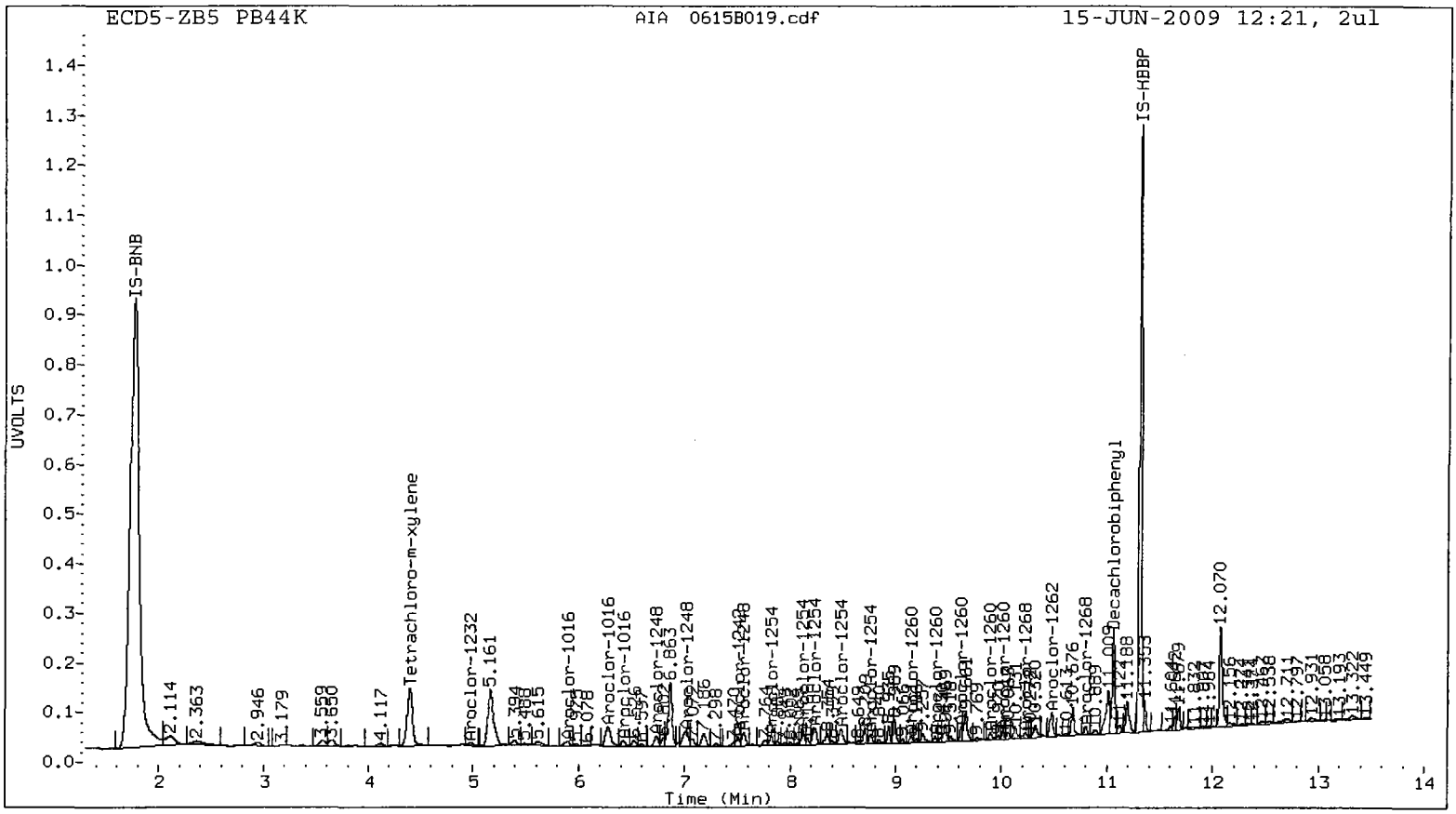
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.896	-0.005	179763	21.6	1	6.530	-0.001	221369	15.8
Aroclor-1016	2	6.277	0.002	758774	28.3	2	7.111	0.003	810273	27.6
Aroclor-1016	3	6.421	0.002	176444	15.4	3	7.308	0.002	283737	24.8
Aroclor-1016	4	---			0.0	4	7.891	-0.001	366810	41.9
	Total Col1Ave (3 peaks):				21.7	Total Col2Ave (4 peaks):			27.5	RPD = 23
	Corrected Ave: < 3 Peaks				0	Corrected Ave (3 peaks):			22.7	
Aroclor-1221	1	---			0.0	1	5.601	0.035	147181	8.2
Aroclor-1221	2	---			0.0	2	5.841	0.050	2078061	194.5
Aroclor-1221	3	---			0.0	3	5.925	0.029	485530	13.7
Aroclor-1221	NS	---			----	4	7.308	-0.002	283737	50.8
	Col1Ave: <3 Quant Peaks					Col2Ave:			66.8	
Aroclor-1232	1	4.975	0.078	119281	9.7	1	5.925	0.030	485530	42.2
Aroclor-1232	2	5.896	-0.005	179763	30.1	2	6.530	-0.005	221369	21.0
Aroclor-1232	3	6.277	0.005	758774	39.7	3	7.111	-0.002	810273	39.9
Aroclor-1232	4	6.421	-0.004	176444	21.4	4	7.308	-0.002	283737	35.5
	Total Col1Ave (4 peaks):				25.2	Total Col2Ave (4 peaks):			34.7	RPD = 31
	Corrected Ave (3 peaks):				20.4	Corrected Ave (3 peaks):			32.2	RPD = 45*
Aroclor-1242	1	5.896	-0.007	179763	22.2	1	6.530	-0.001	221369	16.6
Aroclor-1242	2	6.277	0.000	758774	29.4	2	7.111	0.001	810273	29.6
Aroclor-1242	3	6.421	0.001	176444	15.7	3	7.308	0.002	283737	27.1
Aroclor-1242	4	7.510	-0.001	180558	20.3	4	8.185	0.000	85438	17.9
	Total Col1Ave (4 peaks):				21.9	Total Col2Ave (4 peaks):			22.8	RPD = 4
	Corrected Ave (3 peaks):				19.4	Corrected Ave (3 peaks):			20.5	RPD = 6
Aroclor-1248	1	6.277	0.004	758774	47.6	1	7.111	0.008	810273	47.1
Aroclor-1248	2	6.737	0.000	293942	28.2	2	7.529	-0.001	247538	25.0
Aroclor-1248	3	7.016	-0.007	602972	49.5	3	7.891	0.000	366810	28.4
Aroclor-1248	4	7.563	0.002	344923	17.7	4	8.238	0.000	248855	14.8
	Total Col1Ave (4 peaks):				35.8	Total Col2Ave (4 peaks):			28.8	RPD = 21
	Corrected Ave (3 peaks):				31.2	Corrected Ave (3 peaks):			22.8	RPD = 31
Aroclor-1254	1	7.821	-0.001	205950	9.6	1	8.468	-0.001	232605	13.1
Aroclor-1254	2	8.122	-0.002	308778	22.2	2	8.869	0.000	137181	11.7
Aroclor-1254	3	8.232	0.002	471750	17.9	3	8.980	0.000	369946	15.8
Aroclor-1254	4	8.483	-0.008	410793	14.9	4	9.154	0.013	707693	26.0
Aroclor-1254	5	8.763	-0.002	207115	12.5	5	9.533	0.001	196652	12.3
	Total Col1Ave (5 peaks):				15.4	Total Col2Ave (5 peaks):			15.8	RPD = 2
	Corrected Ave (4 peaks):				13.7	Corrected Ave (4 peaks):			13.2	RPD = 4
Aroclor-1260	1	9.146	-0.001	140590	13.3	1	9.289	0.001	515113	26.5
Aroclor-1260	2	9.373	0.000	97408	9.7	2	10.058	0.003	230652	18.3
Aroclor-1260	3	9.620	0.001	227804	8.9	3	10.218	0.003	508274	15.7
Aroclor-1260	4	9.896	-0.002	165763	12.6	4	10.612	-0.002	303432	15.8
Aroclor-1260	5	10.017	-0.004	138415	21.5	NS	---			----
	Total Col1Ave (5 peaks):				13.2	Total Col2Ave (4 peaks):			19.1	RPD = 36
	Corrected Ave (4 peaks):				11.1	Corrected Ave (3 peaks):			16.6	RPD = 39
Aroclor-1262	1	9.373	-0.001	97408	4.6	1	10.058	0.000	230652	8.8
Aroclor-1262	2	9.620	0.001	227804	4.5	2	10.218	-0.001	508274	8.1
Aroclor-1262	3	10.017	-0.005	138415	6.5	3	10.562	-0.009	582691	22.2
Aroclor-1262	4	---			0.0	4	10.612	-0.006	303432	8.0
Aroclor-1262	5	10.473	0.016	572341	31.2	5	11.090	0.007	315897	15.0
	Total Col1Ave (4 peaks):				11.7	Total Col2Ave (5 peaks):			12.4	RPD = 6
	Corrected Ave (3 peaks):				5.2	Corrected Ave (4 peaks):			10.0	RPD = 63*
Aroclor-1268	1	10.017	-0.005	138415	3.3	1	10.562	-0.010	582691	12.1
Aroclor-1268	2	---			0.0	2	10.612	-0.006	303432	6.9
Aroclor-1268	3	10.228	-0.003	158889	5.1	3	10.880	-0.008	312981	9.2
Aroclor-1268	4	10.799	-0.004	165254	1.8	4	11.397	-0.019	265800	2.7
	Total Col1Ave (3 peaks):				3.4	Total Col2Ave (4 peaks):			7.7	RPD = 77*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			6.2	

Total PCB Area Col1 (4.496 - 10.959) = 16573494 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.064 - 11.603) = 19766267 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Aroclor-1016
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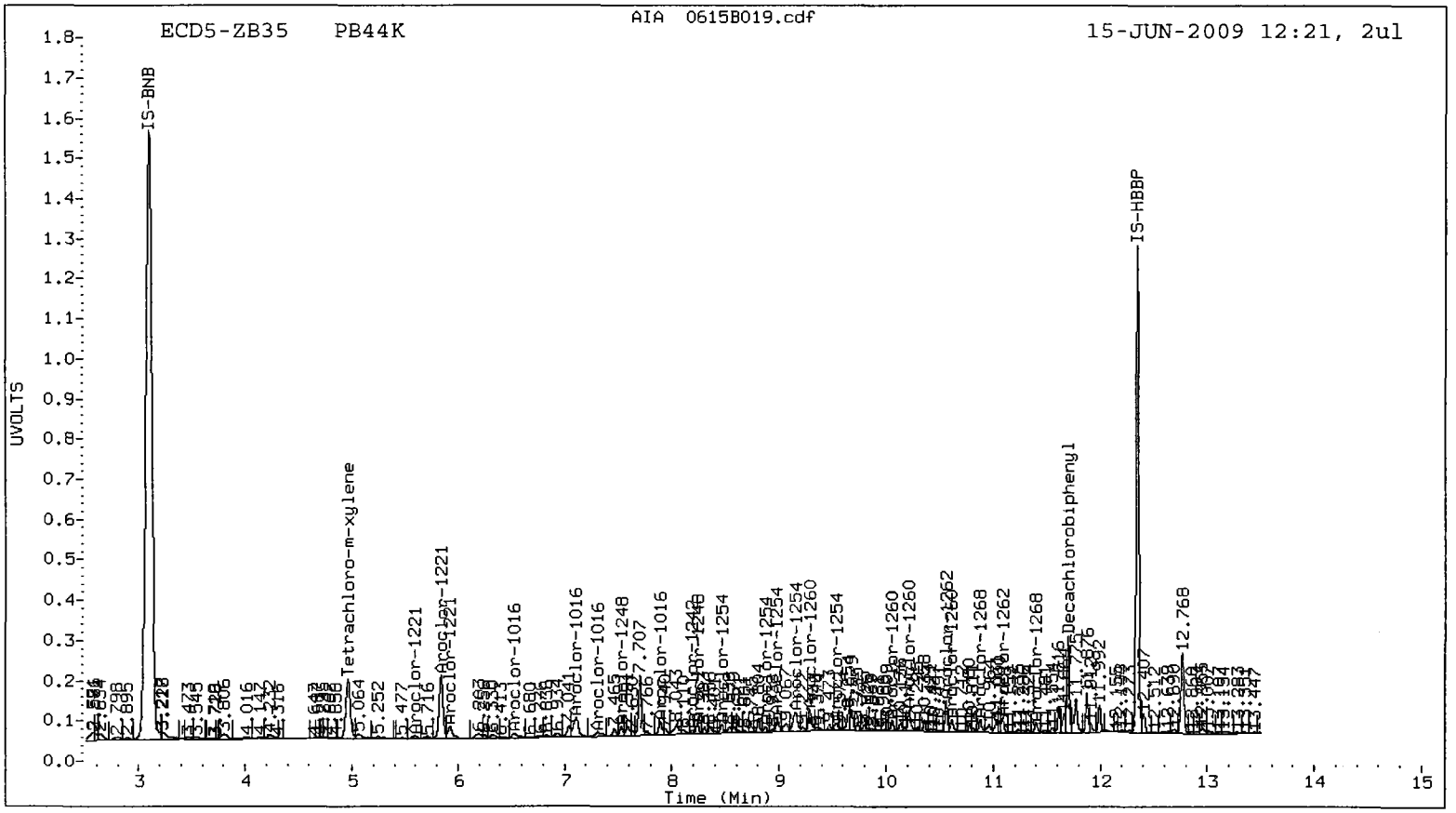
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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Aroclor-1016
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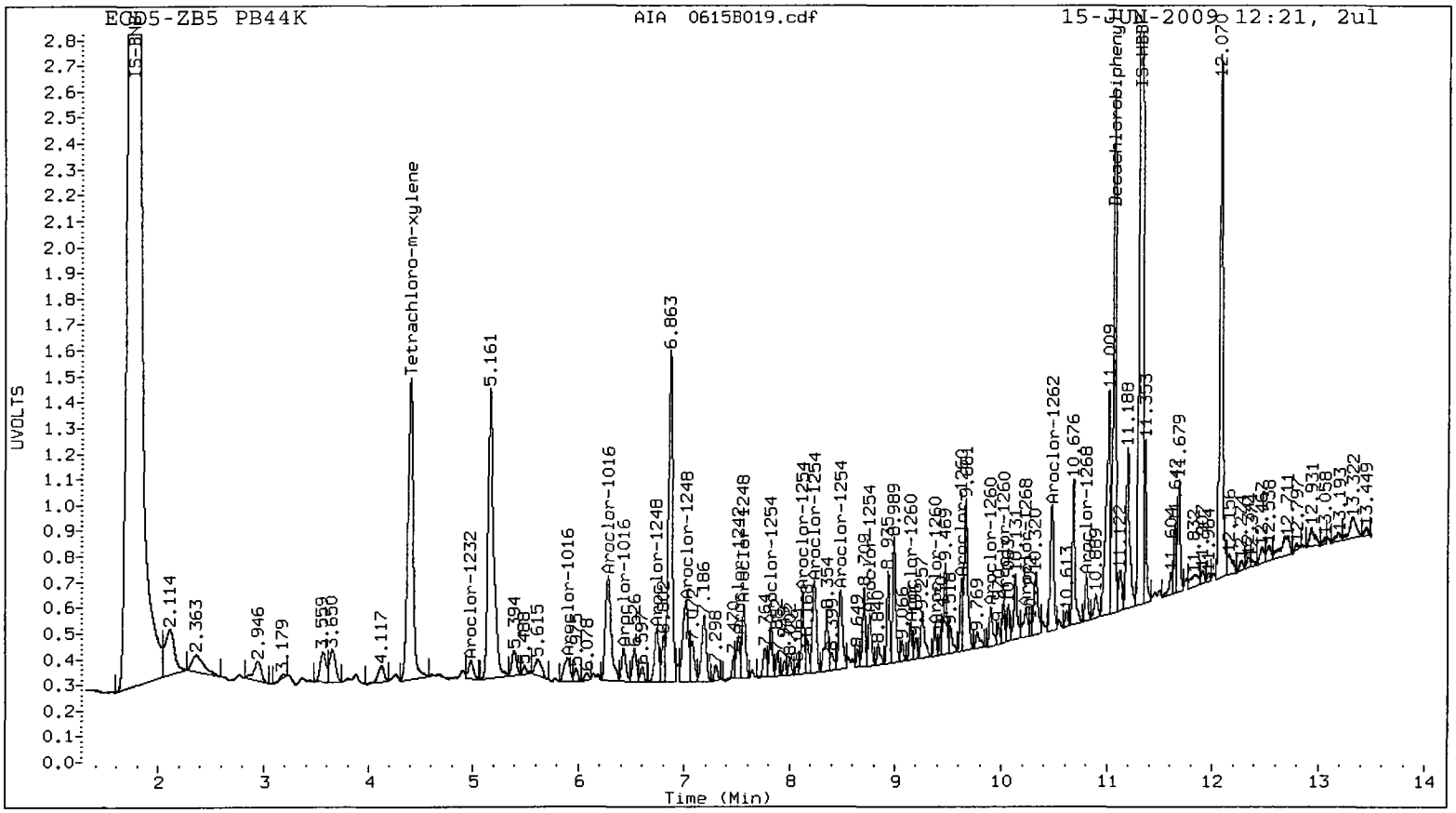
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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Time (Min)
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Tetrachloro-m-xylene
Aroclor-1232
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
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2.363
2.946
3.179
3.559
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4.117
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11.009
11.188
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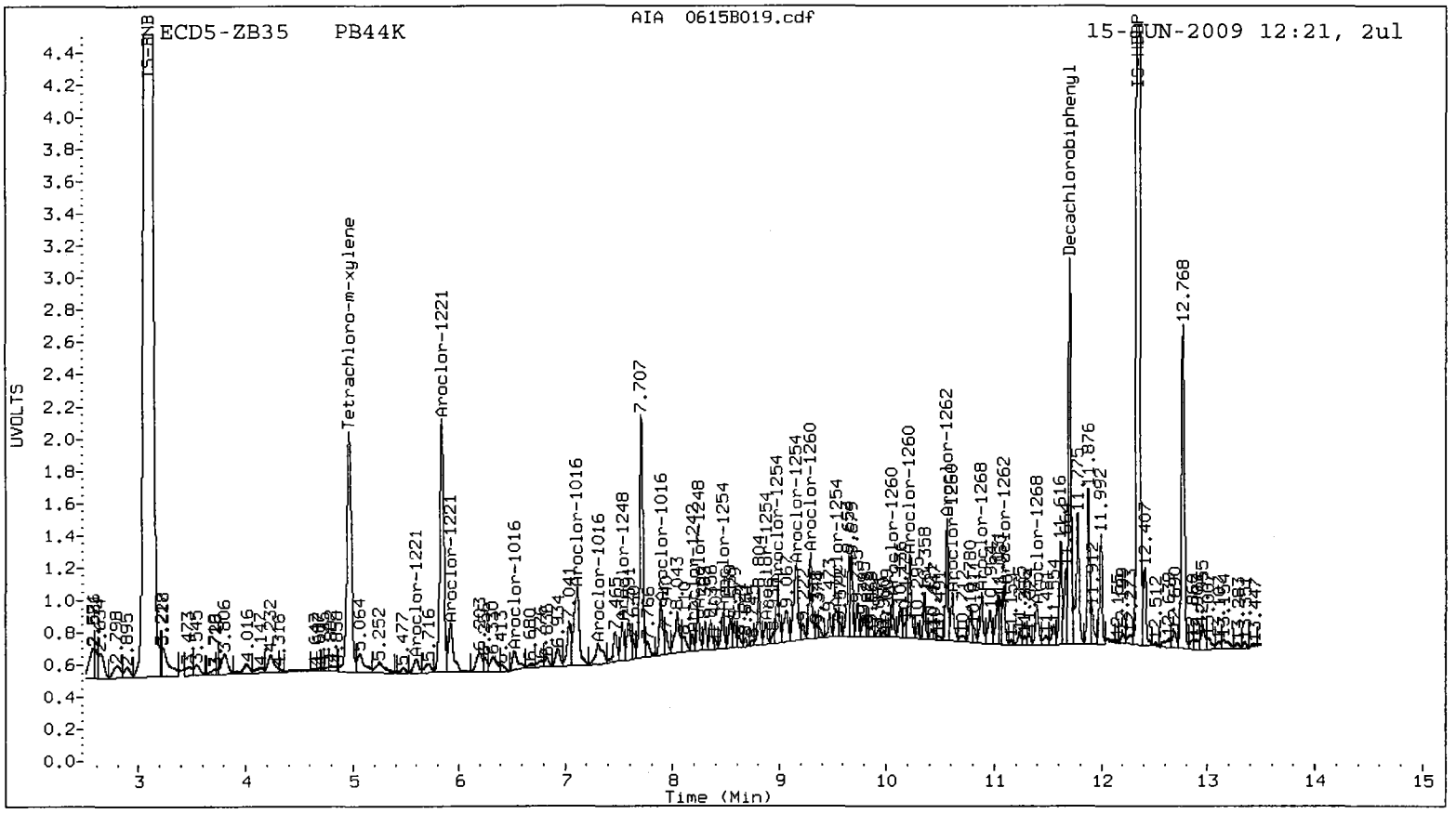
12.070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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP
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5.252
5.716
7.707
11.876
11.992
12.407
12.768

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED7-C
SAMPLE

Lab Sample ID: PB44L
LIMS ID: 09-12798
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 12:38
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 49.4%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	**Aroclor 1242**	**3.9**	**6.4**
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	108%
Tetrachlorometaxylene	79.4%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0615-1.b/0615B020.d
Data file 2: 20090606.B/0615-2.b/0615B020.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44L
Client ID:
Injection Date: 15-JUN-2009 12:38
Report Date: 06/17/2009 08:43
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.399	0.002	2263678	4.966	0.002	2404285	6.3	6.1	4.7	Tetrachloro-m-xylene
11.060	0.001	2313598	11.702	-0.001	2123412	8.6	7.1	19.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	79.3	75.7
Decachlorobiphenyl	108.1	89.2

JK 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27242833	-9.3
Hexabromobiphenyl	12924817	9756735	-24.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	30725931	-7.7
Hexabromobiphenyl	11348053	10314391	-9.1

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
		ZB5 Col					ZB35 Col			
Aroclor-1016	1	5.897	-0.004	308308	37.4	1	6.532	0.001	254031	18.1
Aroclor-1016	2	6.280	0.005	1129114	42.6	2	7.115	0.007	1093230	37.4
Aroclor-1016	3	6.422	0.003	271477	24.0	3	7.306	0.000	335548	29.4
Aroclor-1016	4	---			0.0	4	7.892	0.001	538708	61.8
	Total Col1Ave (3 peaks):			34.6		Total Col2Ave (4 peaks):			36.7	RPD = 6
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			28.3	
Aroclor-1221	1	4.672	-0.060	291431	19.6	1	5.596	0.030	283694	15.9
Aroclor-1221	2	4.897	0.002	159657	16.9	2	5.844	0.052	1839862	172.8
Aroclor-1221	3	4.982	-0.008	206848	5.8	3	5.927	0.031	816725	23.2
Aroclor-1221	NS	---			----	4	7.306	-0.004	335548	60.2
	Total Col1Ave (3 peaks):			14.1		Total Col2Ave (4 peaks):			68.0	RPD = 131*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			33.1	
Aroclor-1232	1	4.897	-0.001	159657	13.1	1	5.927	0.031	816725	71.3
Aroclor-1232	2	5.897	-0.004	308308	52.3	2	6.532	-0.003	254031	24.2
Aroclor-1232	3	6.280	0.008	1129114	59.8	3	7.115	0.001	1093230	54.1
Aroclor-1232	4	6.422	-0.003	271477	33.4	4	7.306	-0.004	335548	42.1
	Total Col1Ave (4 peaks):			39.6		Total Col2Ave (4 peaks):			47.9	RPD = 19
	Corrected Ave (3 peaks):			32.9		Corrected Ave (3 peaks):			40.2	RPD = 20
Aroclor-1242	1	5.897	-0.006	308308	38.5	1	6.532	0.001	254031	19.1
Aroclor-1242	2	6.280	0.003	1129114	44.2	2	7.115	0.005	1093230	40.0
Aroclor-1242	3	6.422	0.002	271477	24.4	3	7.306	0.000	335548	32.2
Aroclor-1242	4	7.510	0.000	210155	23.9	4	8.186	0.000	141673	29.9
	Total Col1Ave (4 peaks):			32.7		Total Col2Ave (4 peaks):			30.3	RPD = 8
	Corrected Ave (3 peaks):			28.9		Corrected Ave (3 peaks):			27.0	RPD = 7
Aroclor-1248	1	6.280	0.007	1129114	71.7	1	7.115	0.011	1093230	63.8
Aroclor-1248	2	6.738	0.001	401479	39.0	2	7.532	0.002	356140	36.1
Aroclor-1248	3	7.023	0.000	527678	43.8	3	7.892	0.001	538708	41.9
Aroclor-1248	4	7.564	0.003	424509	22.0	4	8.238	0.000	344929	20.6
	Total Col1Ave (4 peaks):			44.1		Total Col2Ave (4 peaks):			40.6	RPD = 8
	Corrected Ave (3 peaks):			34.9		Corrected Ave (3 peaks):			32.9	RPD = 6
Aroclor-1254	1	7.822	0.000	229320	10.8	1	8.469	0.000	306139	17.3
Aroclor-1254	2	8.123	-0.001	325234	23.7	2	8.870	0.000	135131	11.6
Aroclor-1254	3	8.231	0.000	518002	19.9	3	8.981	0.001	393531	16.8
Aroclor-1254	4	8.483	-0.008	453406	16.6	4	9.156	0.015	664544	24.5
Aroclor-1254	5	8.763	-0.002	231020	14.0	5	9.539	0.007	188383	11.9
	Total Col1Ave (5 peaks):			17.0		Total Col2Ave (5 peaks):			16.4	RPD = 4
	Corrected Ave (4 peaks):			15.3		Corrected Ave (4 peaks):			14.4	RPD = 6
Aroclor-1260	1	9.147	-0.001	148071	14.1	1	9.290	0.002	681659	35.2
Aroclor-1260	2	9.376	0.003	128003	12.9	2	10.060	0.004	267270	21.3
Aroclor-1260	3	9.622	0.004	230316	9.1	3	10.220	0.006	739705	22.9
Aroclor-1260	4	9.897	-0.002	187365	14.3	4	10.613	-0.002	360373	18.8
Aroclor-1260	5	10.016	-0.004	191721	30.0	NS	---			----
	Total Col1Ave (5 peaks):			16.1		Total Col2Ave (4 peaks):			24.5	RPD = 42*
	Corrected Ave (4 peaks):			12.6		Corrected Ave (3 peaks):			21.0	RPD = 50*
Aroclor-1262	1	9.376	0.002	128003	6.1	1	10.060	0.001	267270	10.2
Aroclor-1262	2	9.622	0.004	230316	4.6	2	10.220	0.002	739705	11.8
Aroclor-1262	3	10.016	-0.005	191721	9.0	3	10.563	-0.008	676001	25.9
Aroclor-1262	4	---			0.0	4	10.613	-0.006	360373	9.5
Aroclor-1262	5	10.479	0.022	1169237	64.2	5	11.092	0.009	691837	32.9
	Total Col1Ave (4 peaks):			21.0		Total Col2Ave (5 peaks):			18.1	RPD = 15
	Corrected Ave (3 peaks):			6.6		Corrected Ave (4 peaks):			14.4	RPD = 74*
Aroclor-1268	1	10.016	-0.005	191721	4.7	1	10.563	-0.008	676001	14.1
Aroclor-1268	2	---			0.0	2	10.613	-0.006	360373	8.2
Aroclor-1268	3	10.228	-0.004	442040	14.2	3	10.880	-0.008	471417	13.9
Aroclor-1268	4	10.800	-0.003	194102	2.2	4	11.399	-0.017	239257	2.4
	Total Col1Ave (3 peaks):			7.0		Total Col2Ave (4 peaks):			9.6	RPD = 32

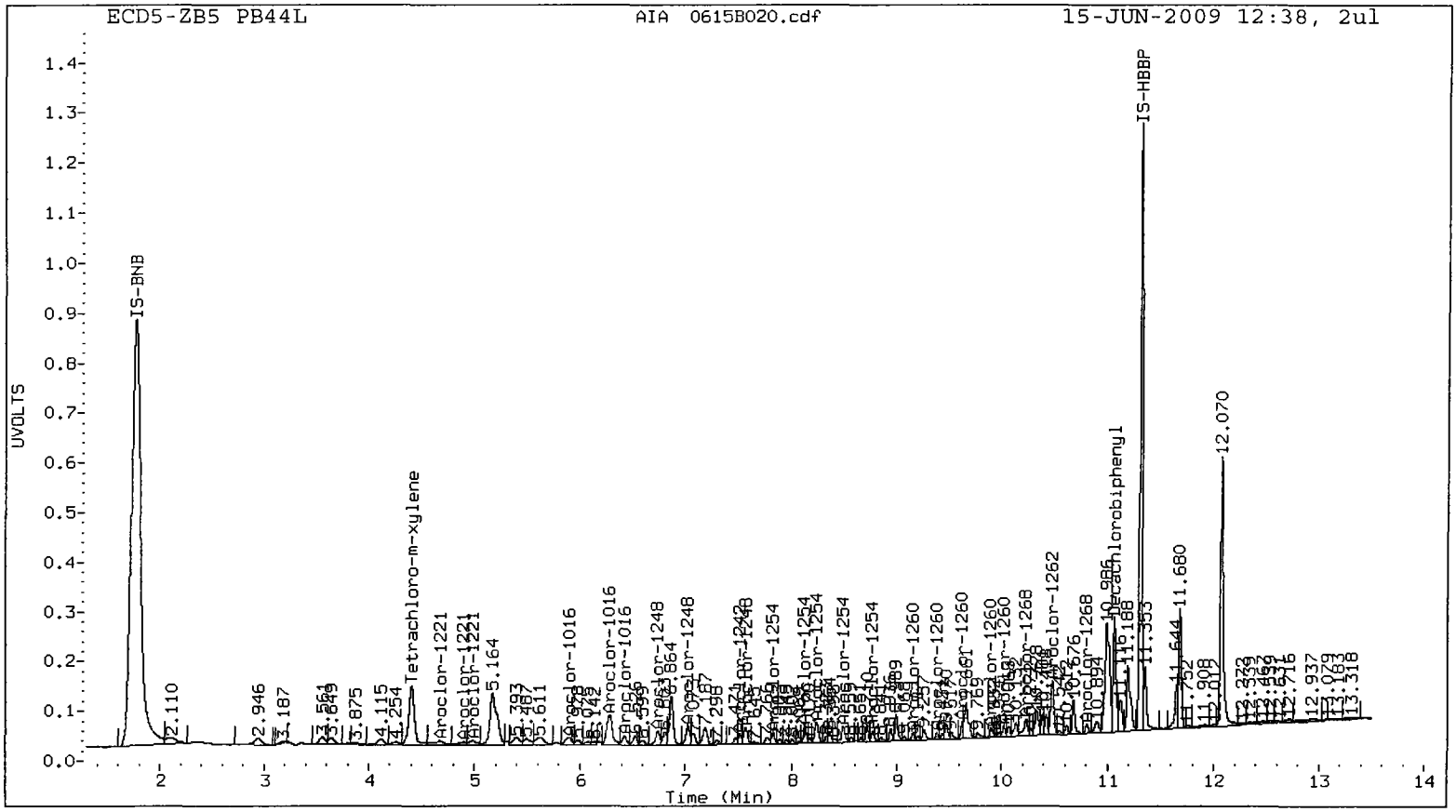
Corrected Ave: < 3 Peaks Corrected Ave (3 peaks): 8.2

Total PCB Area Col1 (4.496 - 10.959) = 22849748 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.064 - 11.603) = 24477500 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Tetrachloro-m-xylene
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Decachlorobiphenyl
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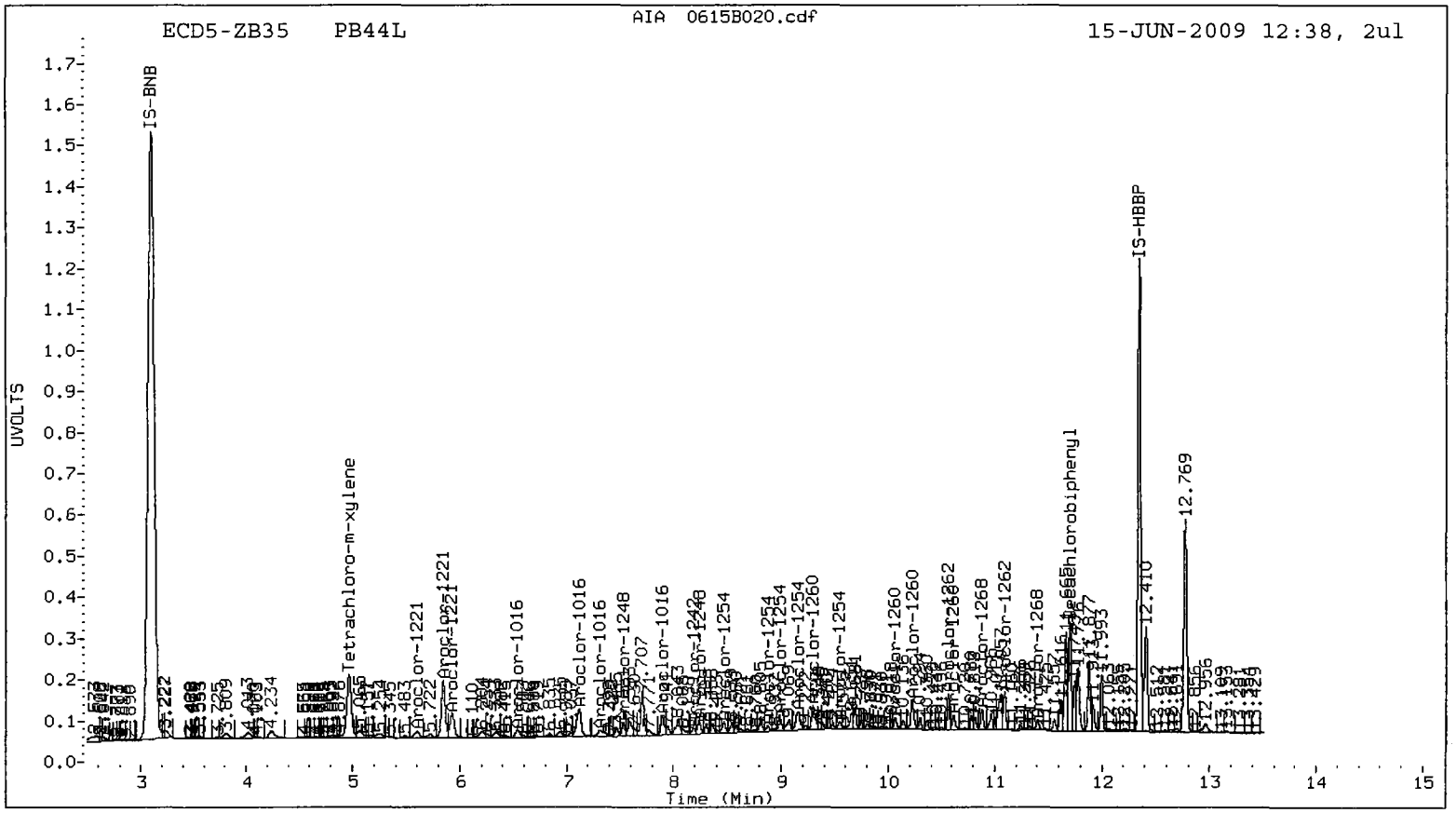
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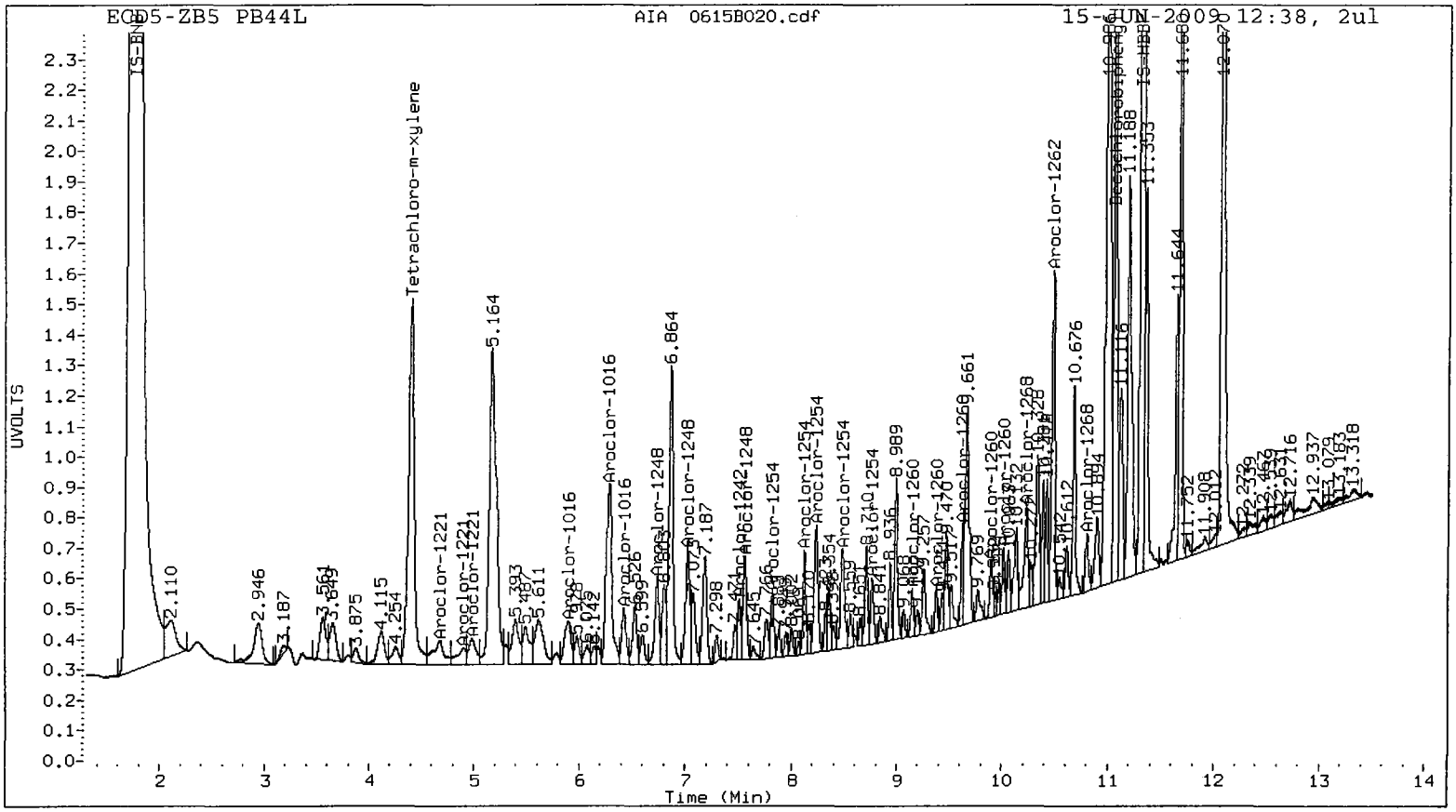
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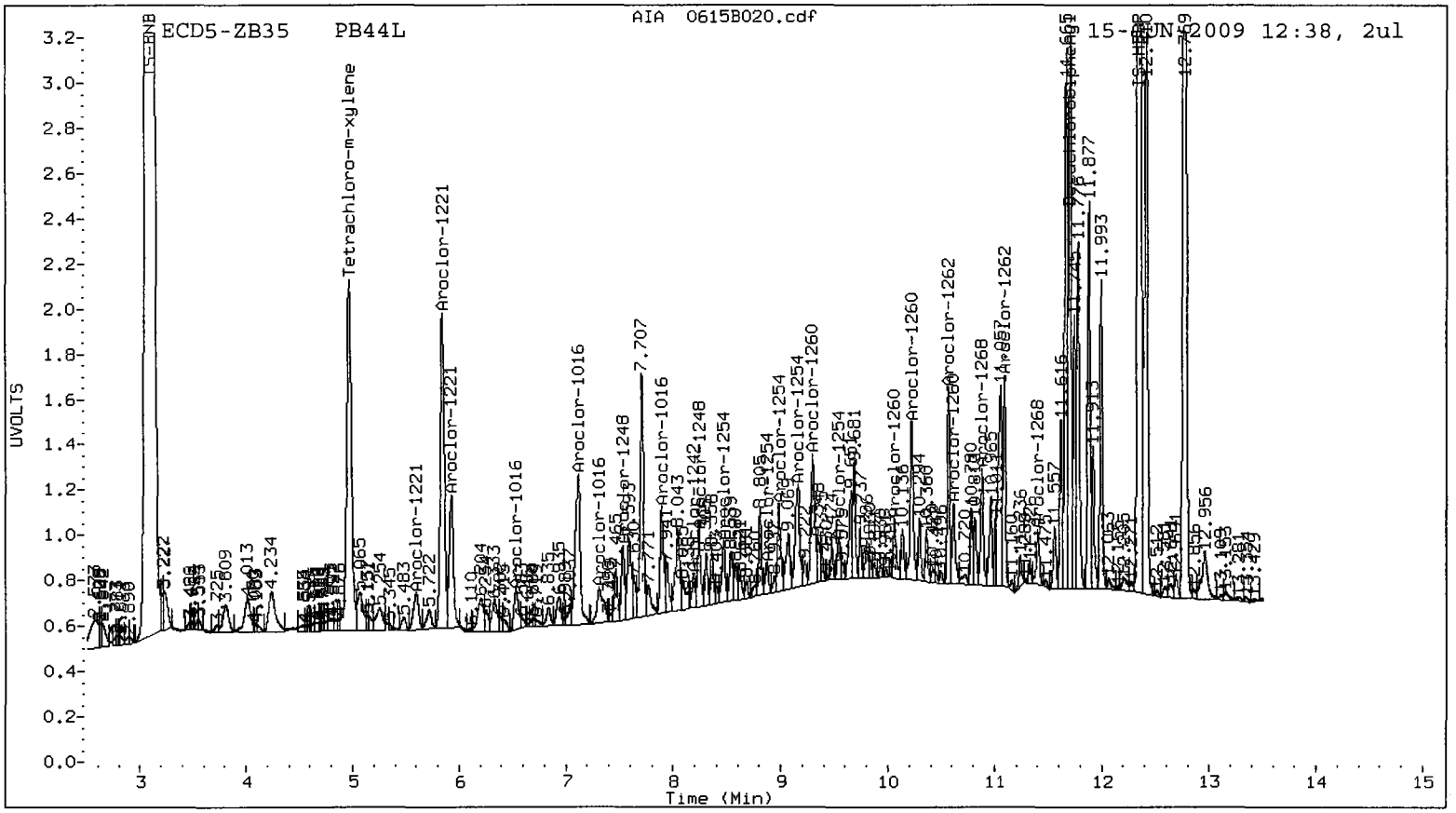
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl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Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED9-A
SAMPLE

Lab Sample ID: PB44M
LIMS ID: 09-12799
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 12:55
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 54.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	**Aroclor 1242**	**3.9**	**37**
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**8.9**
11096-82-5	**Aroclor 1260**	**3.9**	**7.7 P**
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	118%
Tetrachlorometaxylene	79.4%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0615-1.b/0615B021.d
Data file 2: 20090606.B/0615-2.b/0615B021.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44M
Client ID:
Injection Date: 15-JUN-2009 12:55
Report Date: 06/17/2009 08:44
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.398	0.001	2045656	4.964	0.000	2400056	5.9	6.3	7.4	Tetrachloro-m-xylene
11.059	0.000	2442098	11.702	-0.001	2365286	9.4	8.0	17.0	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	73.6	79.3
Decachlorobiphenyl	118.1	99.6

JR 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	26529587	-11.7
Hexabromobiphenyl	12924817	9431028	-27.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	29258444	-12.1
Hexabromobiphenyl	11348053	10290145	-9.3

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

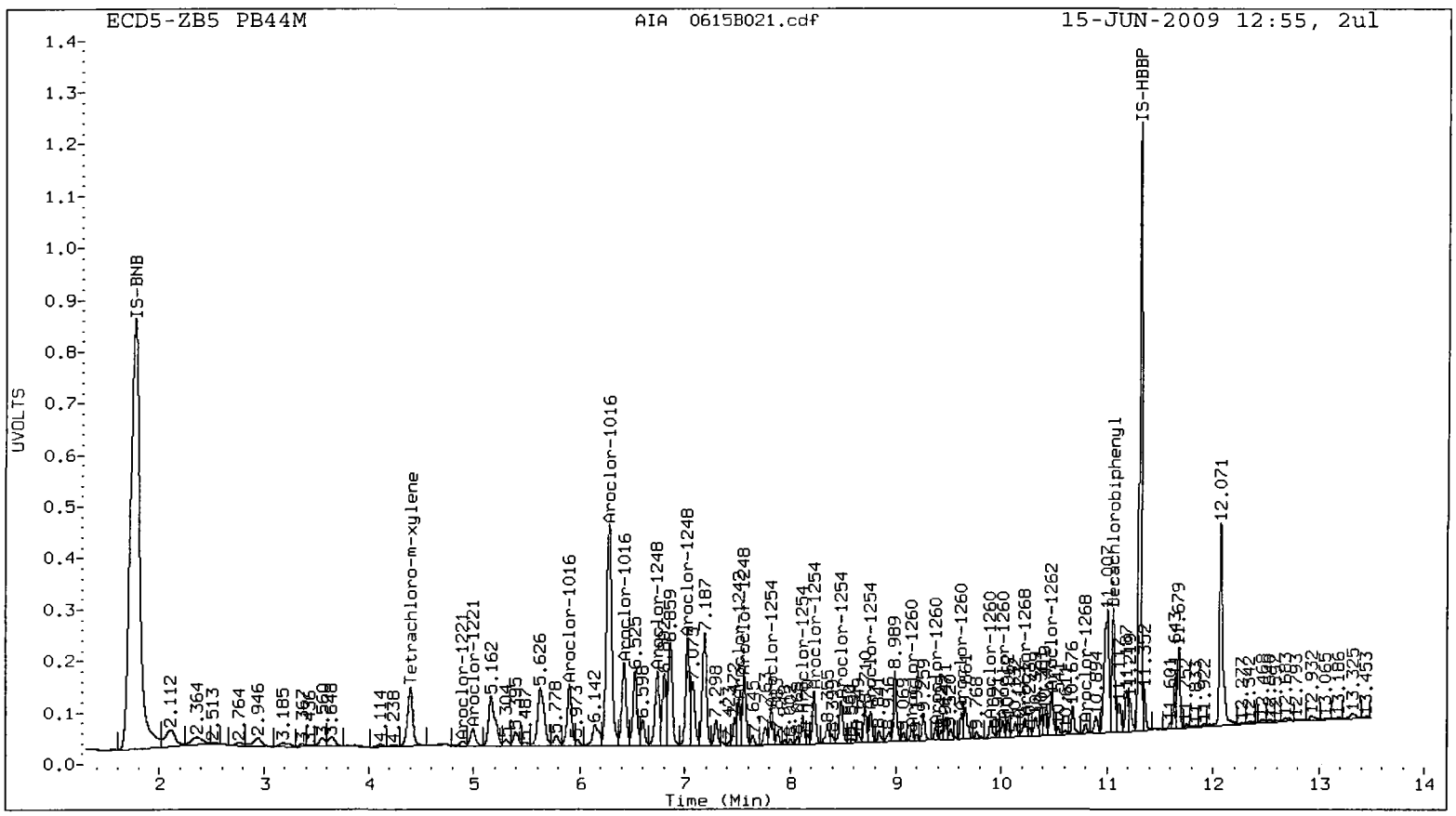
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.901	0.000	1782519	222.1	1	6.533	0.002	2519352	189.0
Aroclor-1016	2	6.278	0.003	7766683	300.7	2	7.112	0.003	8187682	293.8
Aroclor-1016	3	6.421	0.001	2253513	204.3	3	7.307	0.001	2353421	216.5
Aroclor-1016	4	---			0.0	4	7.892	0.001	3247947	391.5
	Total Col1Ave (3 peaks):				242.3		Total Col2Ave (4 peaks):			272.7 RPD = 12
	Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):			233.1
Aroclor-1221	1	---			0.0	1	5.582	0.016	128299	7.5
Aroclor-1221	2	4.896	0.001	140603	15.3	2	5.841	0.050	2016946	199.0
Aroclor-1221	3	4.992	0.002	539098	15.5	3	5.920	0.024	1332480	39.8
Aroclor-1221	NS	---			----	4	7.307	-0.003	2353421	443.8
	Col1Ave: <3 Quant Peaks						Col2Ave:			172.5
Aroclor-1232	1	4.896	-0.002	140603	11.9	1	5.920	0.024	1332480	122.1
Aroclor-1232	2	5.901	0.000	1782519	310.4	2	6.533	-0.003	2519352	252.3
Aroclor-1232	3	6.278	0.006	7766683	422.3	3	7.112	-0.002	8187682	425.4
Aroclor-1232	4	6.421	-0.004	2253513	284.4	4	7.307	-0.003	2353421	310.4
	Total Col1Ave (4 peaks):				257.3		Total Col2Ave (4 peaks):			277.6 RPD = 8
	Corrected Ave (3 peaks):				202.2		Corrected Ave (3 peaks):			228.3 RPD = 12
Aroclor-1242	1	5.901	-0.002	1782519	228.4	1	6.533	0.002	2519352	198.9
Aroclor-1242	2	6.278	0.001	7766683	312.1	2	7.112	0.002	8187682	314.8
Aroclor-1242	3	6.421	0.000	2253513	207.9	3	7.307	0.001	2353421	237.1
Aroclor-1242	4	7.510	0.000	962138	112.4	4	8.186	0.000	575262	127.3
	Total Col1Ave (4 peaks):				215.2		Total Col2Ave (4 peaks):			219.9 RPD = 2
	Corrected Ave (3 peaks):				182.9		Corrected Ave (3 peaks):			187.8 RPD = 3
Aroclor-1248	1	6.278	0.005	7766683	506.4	1	7.112	0.008	8187682	501.8
Aroclor-1248	2	6.737	0.000	1985337	197.8	2	7.530	0.000	1940338	206.7
Aroclor-1248	3	7.024	0.001	2657990	226.7	3	7.892	0.001	3247947	265.1
Aroclor-1248	4	7.563	0.002	1626757	86.6	4	8.237	-0.001	1482217	93.1
	Total Col1Ave (4 peaks):				254.4		Total Col2Ave (4 peaks):			266.7 RPD = 5
	Corrected Ave (3 peaks):				170.4		Corrected Ave (3 peaks):			188.3 RPD = 10
Aroclor-1254	1	7.821	0.000	728663	35.1	1	8.468	-0.001	802878	47.5
Aroclor-1254	2	8.122	-0.003	537666	40.2	2	8.870	0.001	338078	30.5
Aroclor-1254	3	8.229	-0.002	1139200	45.0	3	8.981	0.001	1142316	51.4
Aroclor-1254	4	8.482	-0.009	1056484	39.7	4	9.157	0.017	1430413	55.5
Aroclor-1254	5	8.760	-0.004	609480	38.1	5	9.543	0.011	607467	40.2
	Total Col1Ave (5 peaks):				39.6		Total Col2Ave (5 peaks):			45.0 RPD = 13
	Corrected Ave (4 peaks):				38.3		Corrected Ave (4 peaks):			42.4 RPD = 10
Aroclor-1260	1	9.147	0.000	202086	20.0	1	9.289	0.001	1422198	73.6
Aroclor-1260	2	9.375	0.002	222583	23.2	2	10.061	0.006	670725	53.5
Aroclor-1260	3	9.620	0.001	430654	17.6	3	10.219	0.005	1112232	34.5
Aroclor-1260	4	9.898	-0.001	357909	28.3	4	10.613	-0.002	549616	28.7
Aroclor-1260	5	10.016	-0.004	323073	52.3	NS	---			----
	Total Col1Ave (5 peaks):				28.3		Total Col2Ave (4 peaks):			47.6 RPD = 51*
	Corrected Ave (4 peaks):				22.3		Corrected Ave (3 peaks):			38.9 RPD = 55*
Aroclor-1262	1	9.375	0.002	222583	11.0	1	10.061	0.003	670725	25.8
Aroclor-1262	2	9.620	0.001	430654	9.0	2	10.219	0.001	1112232	17.9
Aroclor-1262	3	10.016	-0.006	323073	15.7	3	10.563	-0.008	688458	26.4
Aroclor-1262	4	---			0.0	4	10.613	-0.006	549616	14.5
Aroclor-1262	5	10.481	0.024	950107	54.0	5	11.092	0.008	700352	33.4
	Total Col1Ave (4 peaks):				22.4		Total Col2Ave (5 peaks):			23.6 RPD = 5
	Corrected Ave (3 peaks):				11.9		Corrected Ave (4 peaks):			21.1 RPD = 56*
Aroclor-1268	1	10.016	-0.006	323073	8.1	1	10.563	-0.008	688458	14.4
Aroclor-1268	2	---			0.0	2	10.613	-0.005	549616	12.5
Aroclor-1268	3	10.225	-0.006	425417	14.1	3	10.877	-0.011	409034	12.1
Aroclor-1268	4	10.798	-0.005	191104	2.2	4	11.400	-0.016	299256	3.0
	Total Col1Ave (3 peaks):				8.2		Total Col2Ave (4 peaks):			10.5 RPD = 25
	Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):			9.2

Total PCB Area Col1 (4.496 - 10.959) = 57193969 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.064 - 11.603) = 63124162 Col2 Total PCB = 0.4 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Decachlorobiphenyl
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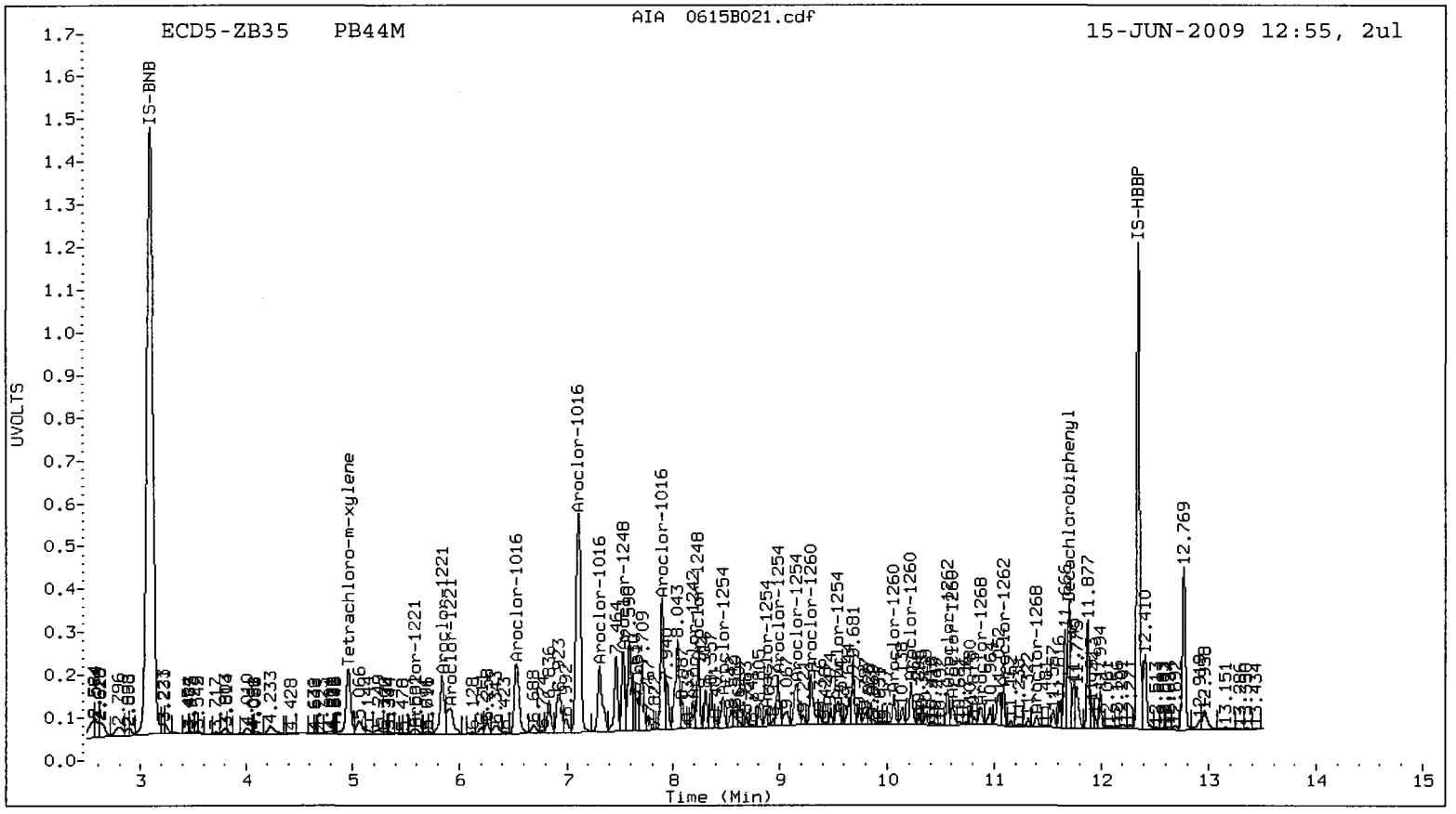
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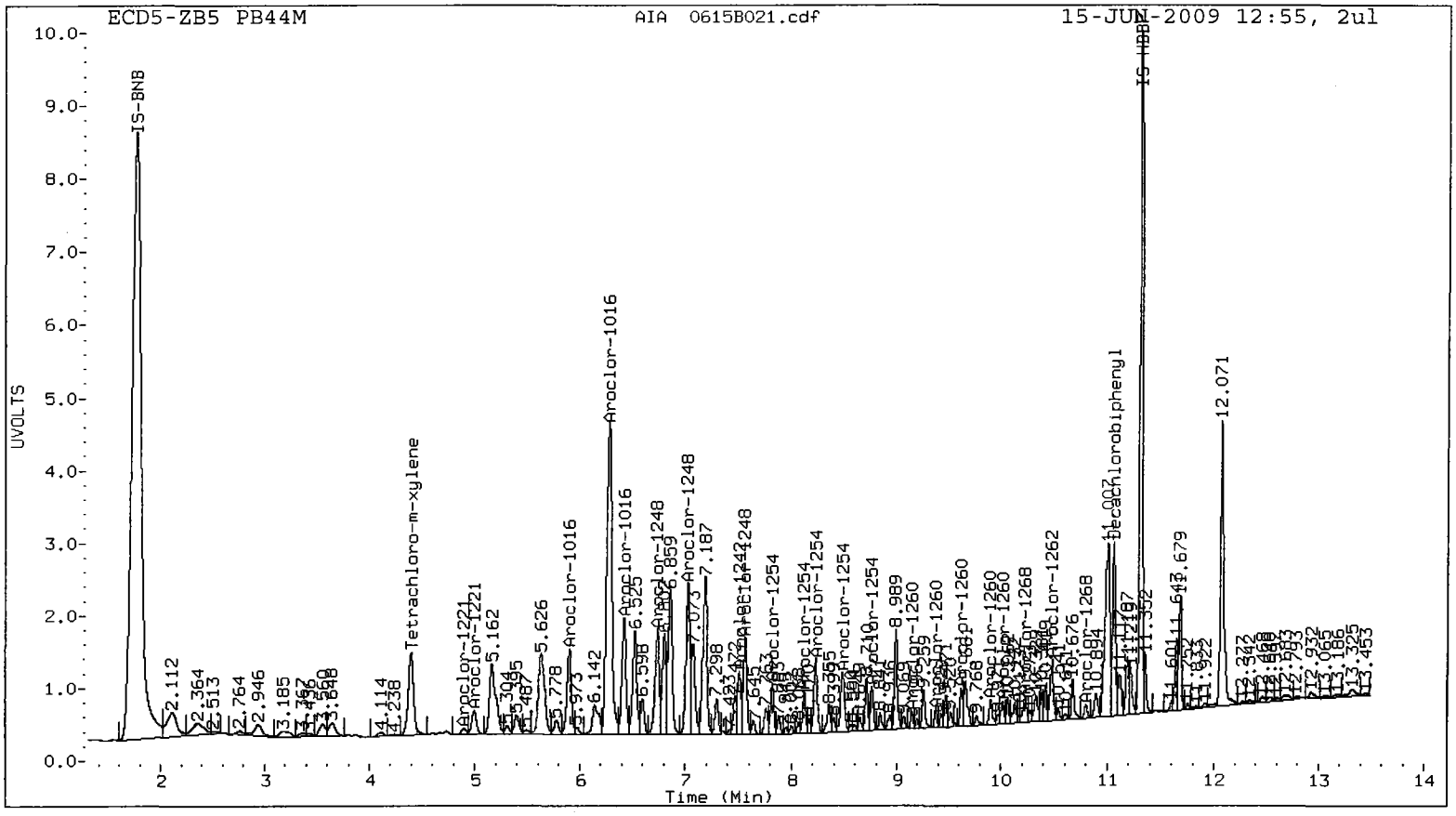
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Aroclor-1262
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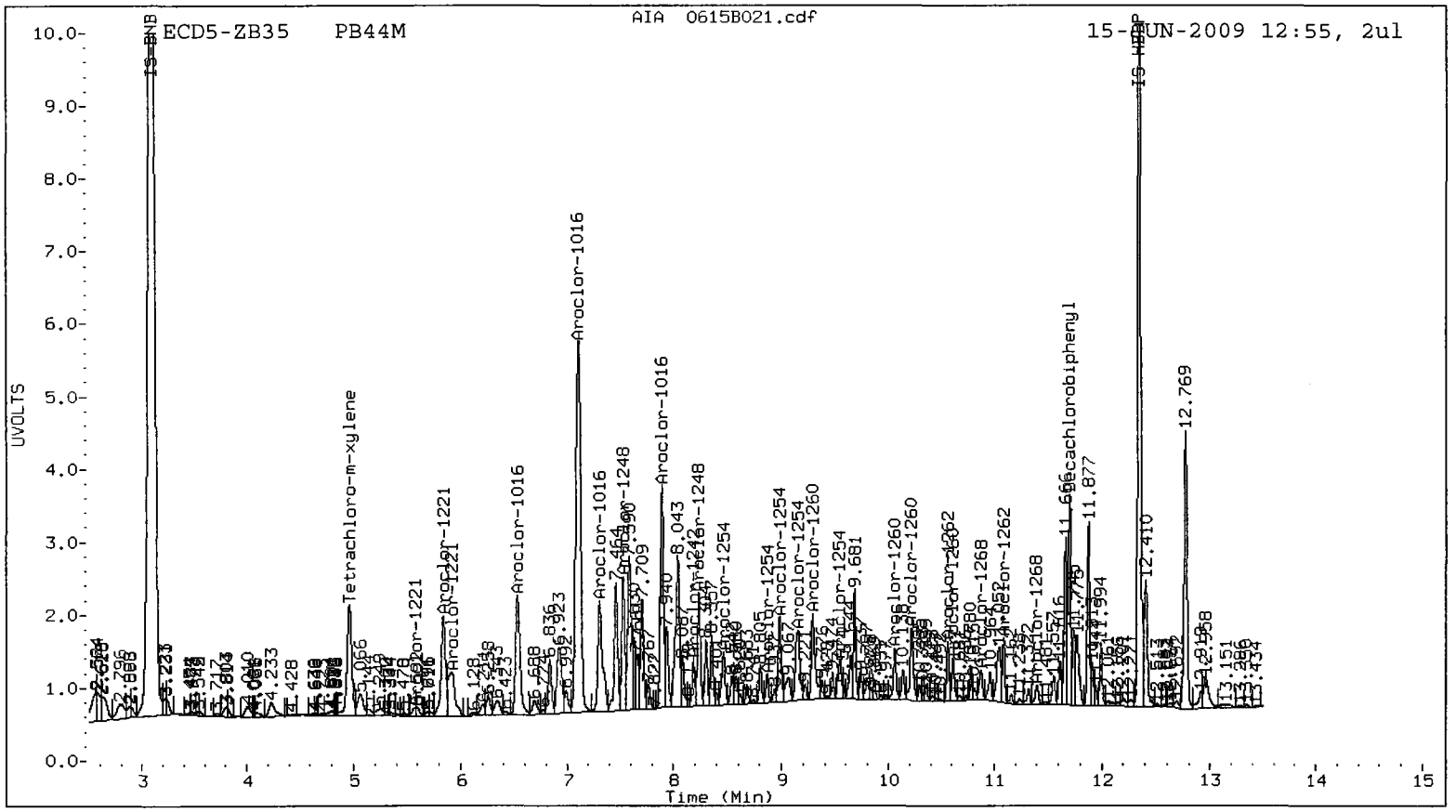
Decachlorobiphenyl
IS-HBBP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Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED9-B
SAMPLE

Lab Sample ID: PB44N
LIMS ID: 09-12800
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 13:12
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 48.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	**Aroclor 1242**	**3.9**	**38**
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	105%
Tetrachlorometaxylene	73.9%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0615-1.b/0615B022.d
Data file 2: 20090606.B/0615-2.b/0615B022.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44N
Client ID:
Injection Date: 15-JUN-2009 13:12
Report Date: 06/17/2009 08:44
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.401	0.004	2158906	4.969	0.006	2197835	5.9	5.4	8.4	Tetrachloro-m-xylene
11.059	0.000	2374036	11.701	-0.002	2271990	8.4	7.7	8.9	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	73.9	67.9
Decachlorobiphenyl	104.8	95.9

jc 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27894155	-7.1
Hexabromobiphenyl	12924817	10324371	-20.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31290589	-6.0
Hexabromobiphenyl	11348053	10260161	-9.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.904	0.003	2109543	250.0	1	6.534	0.004	3113134	218.4
Aroclor-1016	2	6.280	0.005	8151020	300.1	2	7.114	0.006	8651993	290.3
Aroclor-1016	3	6.423	0.004	2232349	192.4	3	7.309	0.003	2375028	204.3
Aroclor-1016	4	---			0.0	4	7.894	0.002	3449451	388.8
	Total Col1Ave (3 peaks):				247.5	Total Col2Ave (4 peaks):				275.4 RPD = 11
	Corrected Ave: < 3 Peaks				0	Corrected Ave (3 peaks):				237.6
Aroclor-1221	1	4.735	0.002	249334	16.4	1	5.571	0.005	329871	18.1
Aroclor-1221	2	4.900	0.005	191777	19.8	2	5.845	0.053	2041336	188.3
Aroclor-1221	3	4.993	0.003	862476	23.6	3	5.927	0.030	2247840	62.7
Aroclor-1221	NS	---			----	4	7.309	-0.001	2375028	418.8
	Total Col1Ave (3 peaks):				19.9	Total Col2Ave (4 peaks):				172.0 RPD = 158*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				89.7
Aroclor-1232	1	4.900	0.003	191777	15.4	1	5.927	0.031	2247840	192.6
Aroclor-1232	2	5.904	0.003	2109543	349.4	2	6.534	-0.001	3113134	291.5
Aroclor-1232	3	6.280	0.008	8151020	421.6	3	7.114	0.000	8651993	420.3
Aroclor-1232	4	6.423	-0.002	2232349	268.0	4	7.309	-0.001	2375028	292.9
	Total Col1Ave (4 peaks):				263.6	Total Col2Ave (4 peaks):				299.3 RPD = 13
	Corrected Ave (3 peaks):				0 210.9	Corrected Ave (3 peaks):				259.0 RPD = 20
Aroclor-1242	1	5.904	0.001	2109543	257.1	1	6.534	0.004	3113134	229.8
Aroclor-1242	2	6.280	0.003	8151020	311.6	2	7.114	0.004	8651993	311.0
Aroclor-1242	3	6.423	0.003	2232349	195.8	3	7.309	0.003	2375028	223.7
Aroclor-1242	4	7.512	0.001	923158	102.6	4	8.187	0.002	592156	122.6
	Total Col1Ave (4 peaks):				216.8	Total Col2Ave (4 peaks):				221.8 RPD = 2
	Corrected Ave (3 peaks):				185.1	Corrected Ave (3 peaks):				192.0 RPD = 4
Aroclor-1248	1	6.280	0.007	8151020	505.4	1	7.114	0.011	8651993	495.8
Aroclor-1248	2	6.740	0.003	2075102	196.7	2	7.533	0.003	1991212	198.3
Aroclor-1248	3	7.027	0.003	2771806	224.9	3	7.894	0.003	3449451	263.3
Aroclor-1248	4	7.564	0.003	1338278	67.8	4	8.238	0.000	1487007	87.3
	Total Col1Ave (4 peaks):				248.7	Total Col2Ave (4 peaks):				261.2 RPD = 5
	Corrected Ave (3 peaks):				0 163.1	Corrected Ave (3 peaks):				183.0 RPD = 11
Aroclor-1254	1	7.823	0.002	354630	16.3	1	8.468	-0.001	400151	22.1
Aroclor-1254	2	8.124	-0.001	256949	18.3	2	8.870	0.000	147237	12.4
Aroclor-1254	3	8.231	0.001	446639	16.8	3	8.982	0.002	413224	17.4
Aroclor-1254	4	8.485	-0.006	406194	14.5	4	9.154	0.013	580675	21.1
Aroclor-1254	5	8.763	-0.001	230099	13.7	5	9.539	0.007	224588	13.9
	Total Col1Ave (5 peaks):				15.9	Total Col2Ave (5 peaks):				17.4 RPD = 9
	Corrected Ave (4 peaks):				15.3	Corrected Ave (4 peaks):				16.2 RPD = 6
Aroclor-1260	1	9.147	0.000	123072	11.1	1	9.291	0.003	772367	40.1
Aroclor-1260	2	9.376	0.003	112236	10.7	2	10.060	0.005	281422	22.5
Aroclor-1260	3	9.661	0.042	966652	36.2	3	10.219	0.005	679839	21.2
Aroclor-1260	4	9.899	0.001	217041	15.7	4	10.612	-0.002	312697	16.4
Aroclor-1260	5	10.015	-0.005	283015	41.8	NS	---			----
	Total Col1Ave (5 peaks):				23.1	Total Col2Ave (4 peaks):				25.0 RPD = 8
	Corrected Ave (4 peaks):				18.4	Corrected Ave (3 peaks):				20.0 RPD = 8
Aroclor-1262	1	9.376	0.002	112236	5.1	1	10.060	0.002	281422	10.8
Aroclor-1262	2	9.661	0.042	966652	18.4	2	10.219	0.001	679839	10.9
Aroclor-1262	3	10.015	-0.006	283015	12.6	3	10.562	-0.009	527940	20.3
Aroclor-1262	4	---			0.0	4	10.612	-0.006	312697	8.3
Aroclor-1262	5	10.480	0.023	800506	41.6	5	11.092	0.009	635001	30.3
	Total Col1Ave (4 peaks):				19.4	Total Col2Ave (5 peaks):				16.1 RPD = 18
	Corrected Ave (3 peaks):				12.0	Corrected Ave (4 peaks):				12.6 RPD = 5
Aroclor-1268	1	10.015	-0.006	283015	6.5	1	10.562	-0.009	527940	11.1
Aroclor-1268	2	---			0.0	2	10.612	-0.006	312697	7.2
Aroclor-1268	3	10.227	-0.004	327206	9.9	3	10.881	-0.007	388385	11.5
Aroclor-1268	4	10.799	-0.004	173459	1.8	4	11.399	-0.017	262214	2.7
	Total Col1Ave (3 peaks):				6.1	Total Col2Ave (4 peaks):				8.1 RPD = 28

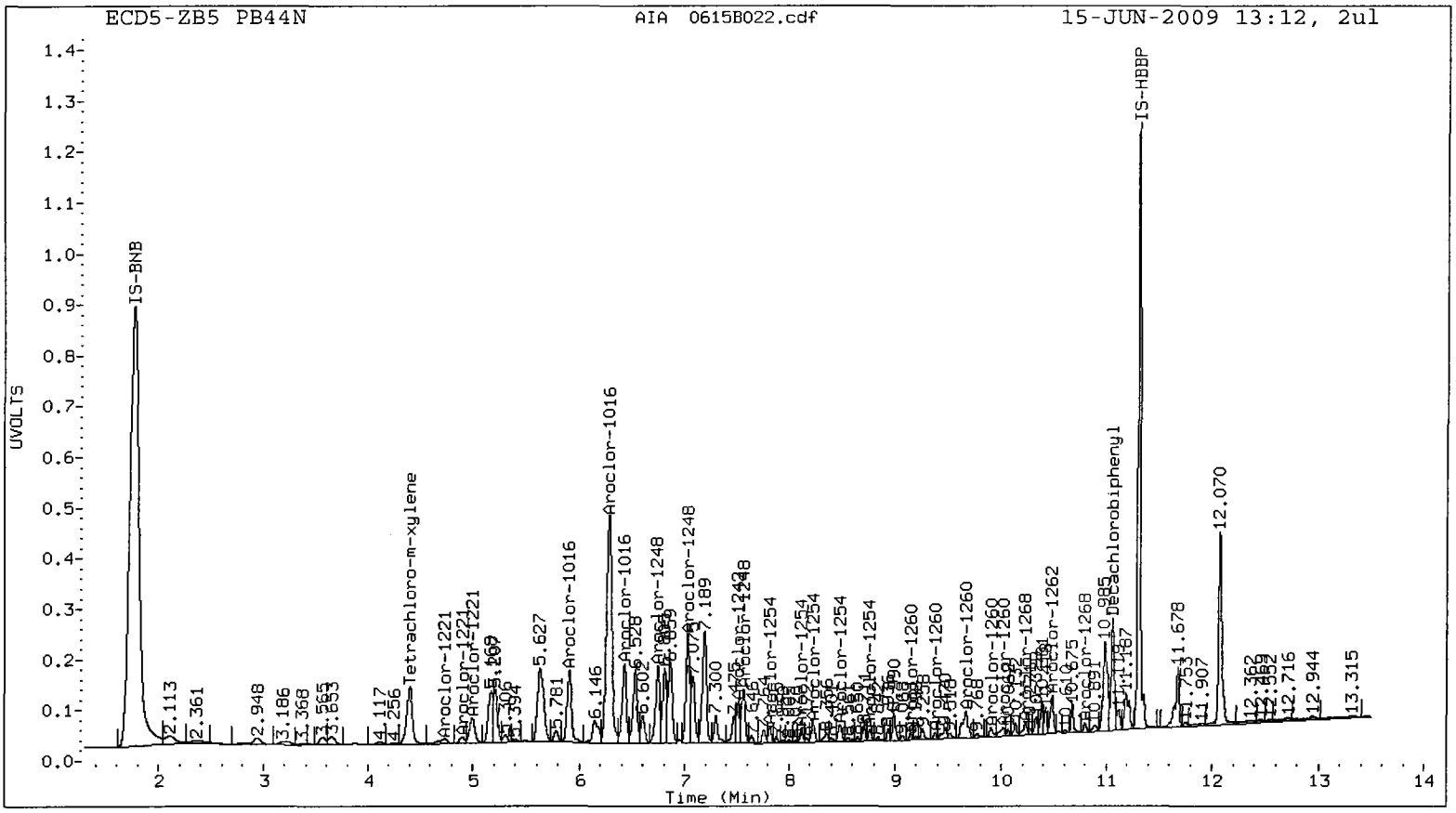
Corrected Ave: < 3 Peaks Corrected Ave (3 peaks): 7.0

Total PCB Area Col1 (4.496 - 10.959) = 51878551 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.064 - 11.603) = 57368697 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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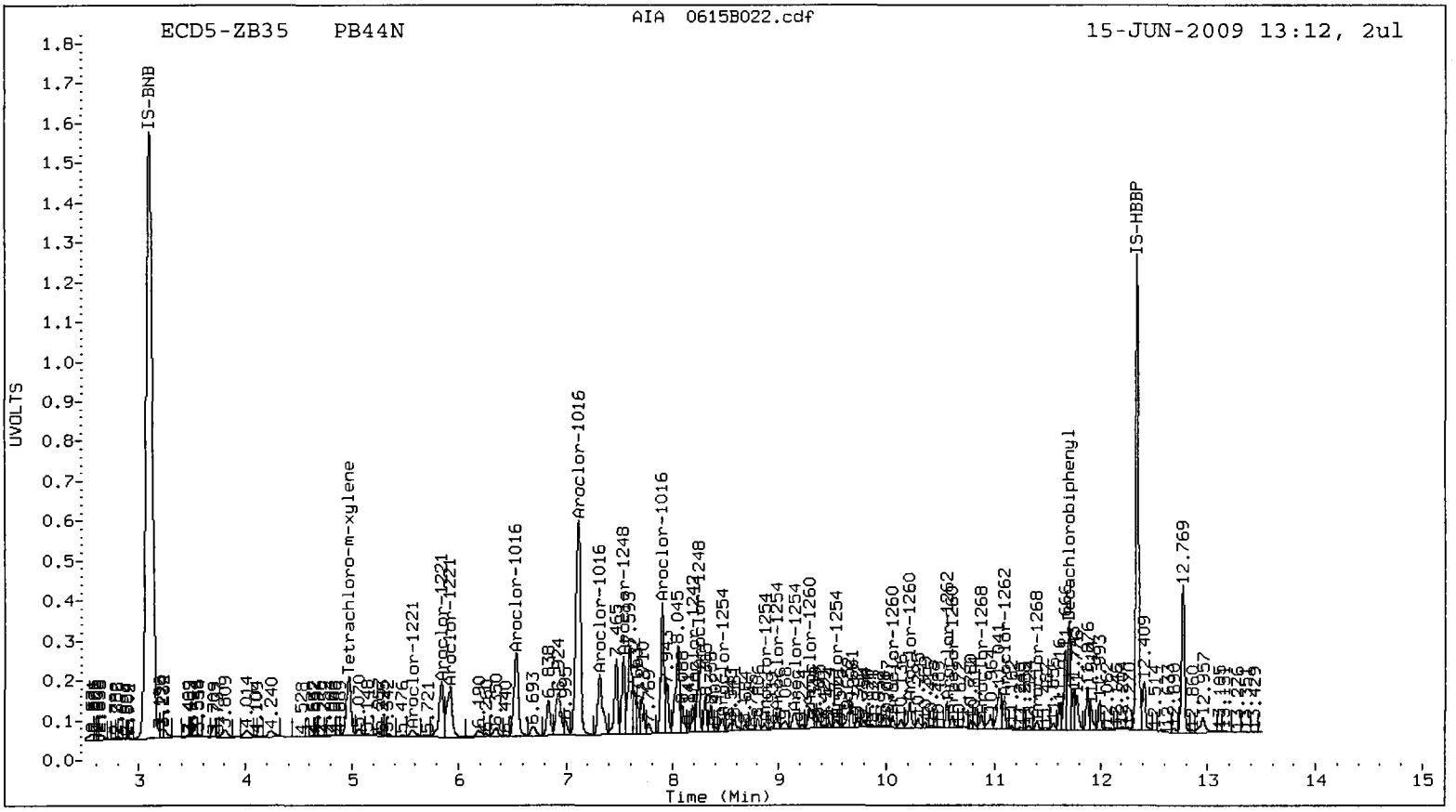
15-JUN-2009 13:12, 2ul
UVOLTS
Time (Min)
IS-BNB
IS-HBBP
Tetrachloro-m-xylene
Decachlorobiphenyl
Aroclor-1016
Aroclor-1221
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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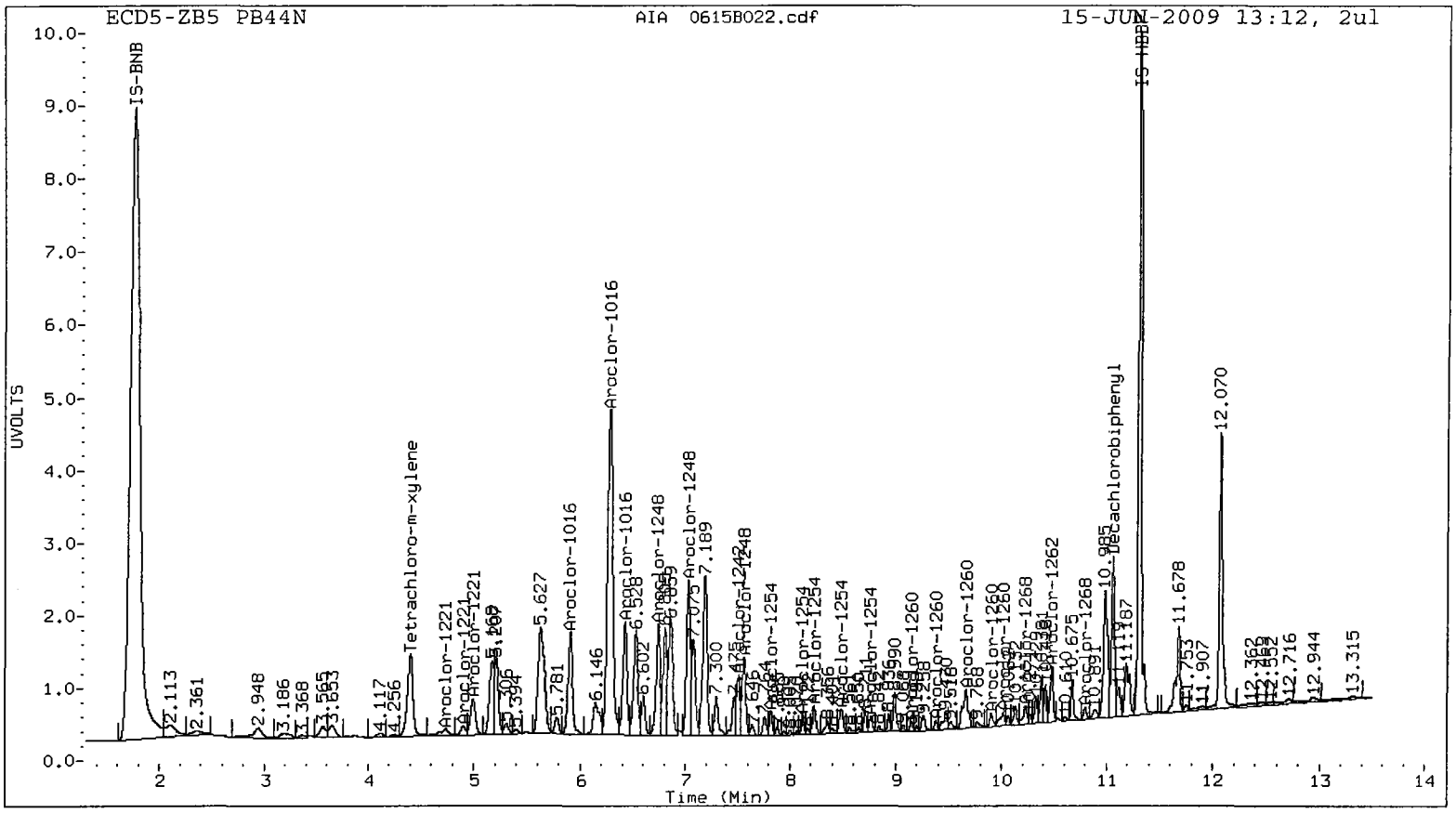
IS-HBBP
Tetrachloro-m-xylene
Decachlorobiphenyl
Aroclor-1016
Aroclor-1221
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268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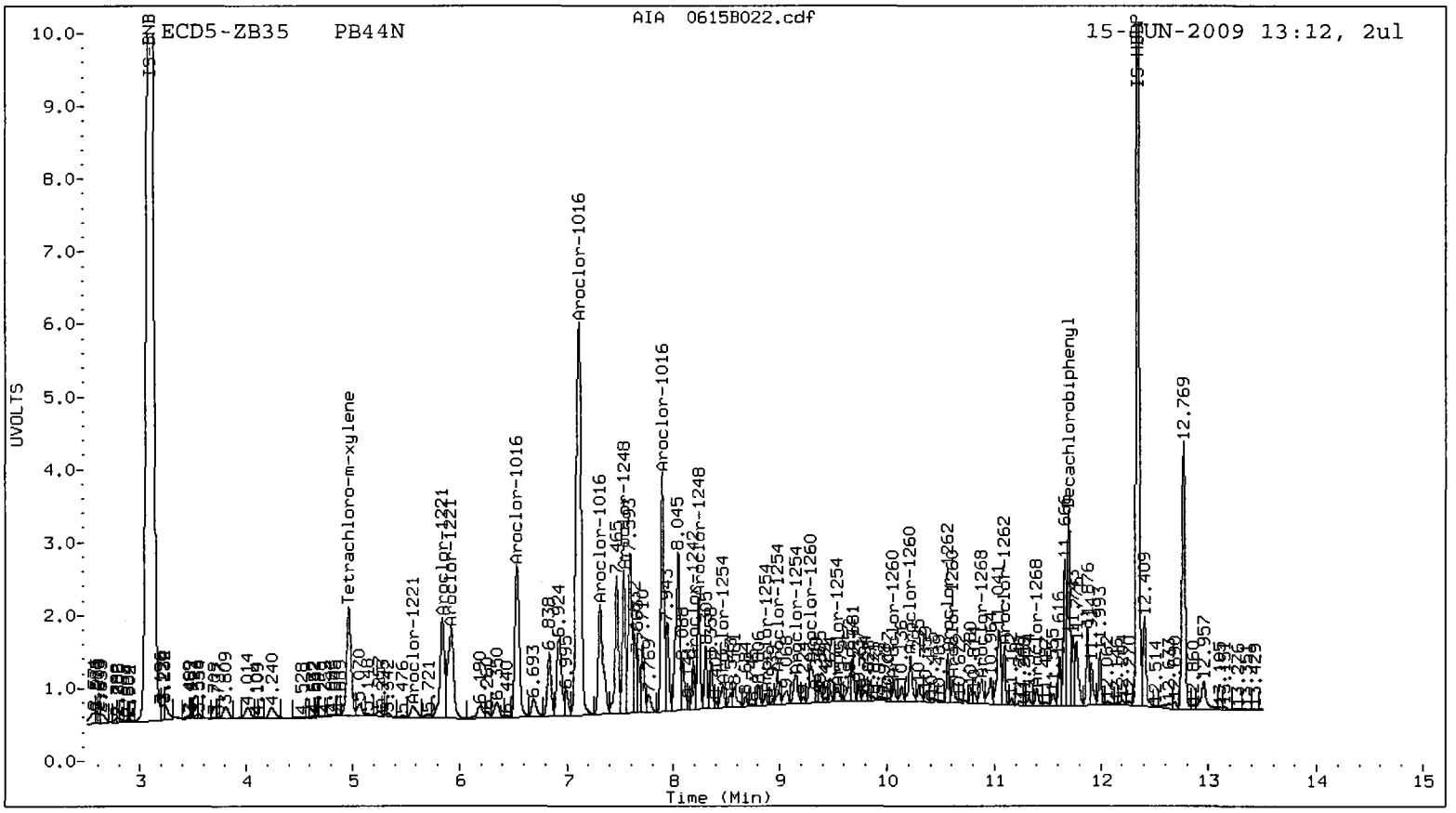
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
12.070
11.678
13.315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IS-BNB
Tetrachloro-m-xylene
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Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB
12.769

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED9-C
SAMPLE

Lab Sample ID: PB44O
LIMS ID: 09-12801
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/15/09 13:30
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 36.8%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	**Aroclor 1242**	**3.9**	**26**
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**5.2**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	92.2%
Tetrachlorometaxylene	71.9%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0615-1.b/0615B023.d
Data file 2: 20090606.B/0615-2.b/0615B023.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44O
Client ID:
Injection Date: 15-JUN-2009 13:30
Report Date: 06/17/2009 08:44
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.396	0.000	2012871	4.964	0.000	2299166	5.6	5.7	2.9	Tetrachloro-m-xylene
11.059	0.000	1957807	11.702	-0.001	2094325	7.4	6.9	6.3	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	69.8	71.9
Decachlorobiphenyl	92.3	86.7

06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27532183	-8.3
Hexabromobiphenyl	12924817	9669926	-25.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	30934118	-7.0
Hexabromobiphenyl	11348053	10463251	-7.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

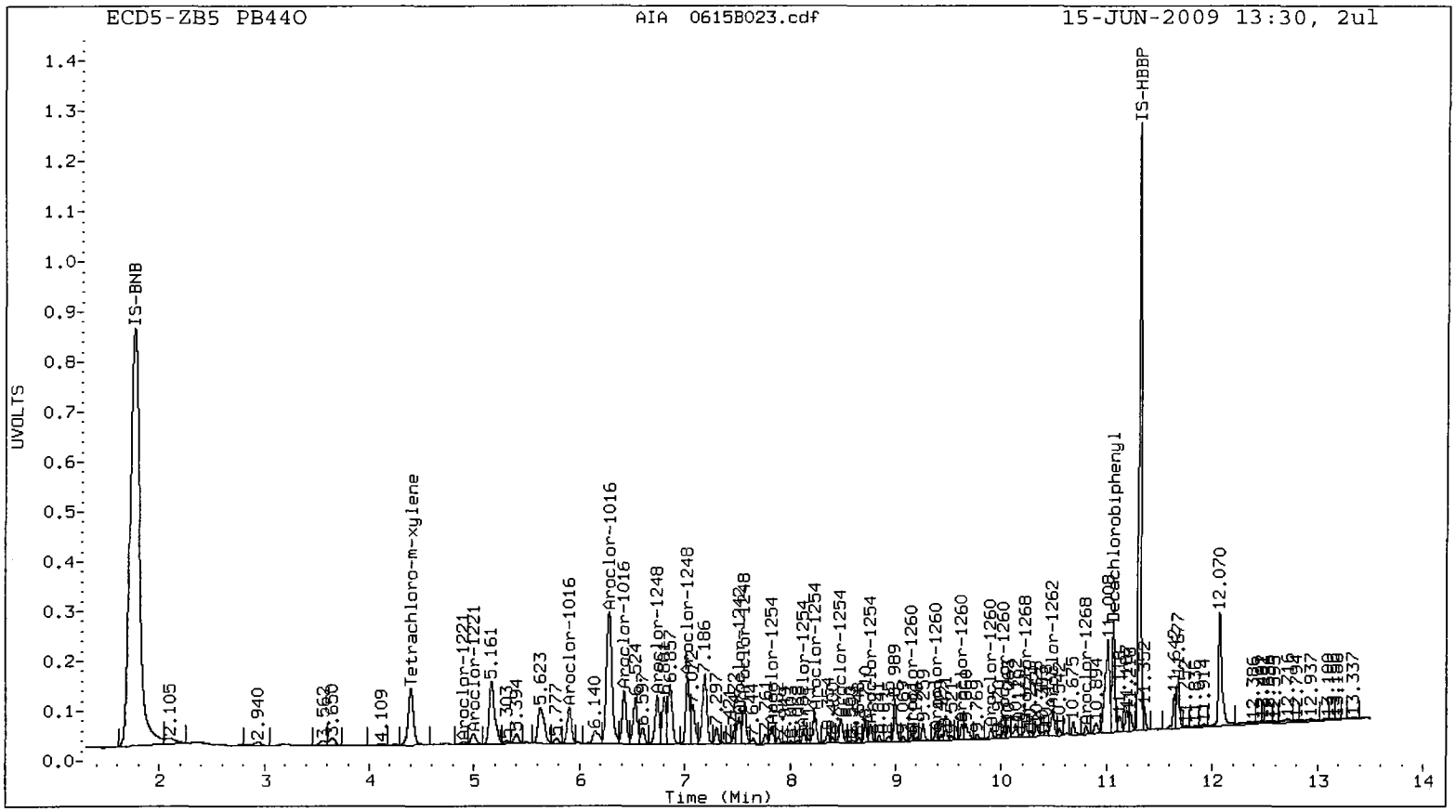
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.901	0.000	1067861	128.2	1	6.529	-0.001	1590973	112.9
Aroclor-1016	2	6.275	0.000	4974840	185.6	2	7.109	0.001	5303414	180.0
Aroclor-1016	3	6.419	-0.001	1545738	135.0	3	7.305	-0.001	1548191	134.7
Aroclor-1016	4	---			0.0	4	7.891	0.000	2102322	239.7
	Total Col1Ave (3 peaks):				149.6	Total Col2Ave (4 peaks):				166.8 RPD = 11
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				142.5
Aroclor-1221	1	---			0.0	1	5.595	0.029	171605	9.5
Aroclor-1221	2	4.893	-0.002	88975	9.3	2	5.840	0.049	2622022	244.6
Aroclor-1221	3	4.991	0.002	354703	9.8	3	5.917	0.021	708825	20.0
Aroclor-1221	NS	---			----	4	7.305	-0.005	1548191	276.1
	Col1Ave: <3 Quant Peaks					Col2Ave: 137.6				
Aroclor-1232	1	4.893	-0.005	88975	7.2	1	5.917	0.021	708825	61.4
Aroclor-1232	2	5.901	0.000	1067861	179.2	2	6.529	-0.006	1590973	150.7
Aroclor-1232	3	6.275	0.003	4974840	260.7	3	7.109	-0.004	5303414	260.6
Aroclor-1232	4	6.419	-0.006	1545738	188.0	4	7.305	-0.005	1548191	193.2
	Total Col1Ave (4 peaks):				158.8	Total Col2Ave (4 peaks):				166.5 RPD = 5
	Corrected Ave (3 peaks):				124.8	Corrected Ave (3 peaks):				135.1 RPD = 8
Aroclor-1242	1	5.901	-0.002	1067861	131.8	1	6.529	-0.002	1590973	118.8
Aroclor-1242	2	6.275	-0.002	4974840	192.7	2	7.109	-0.001	5303414	192.8
Aroclor-1242	3	6.419	-0.002	1545738	137.4	3	7.305	-0.001	1548191	147.5
Aroclor-1242	4	7.509	-0.001	628362	70.7	4	8.185	-0.001	375447	78.6
	Total Col1Ave (4 peaks):				133.1	Total Col2Ave (4 peaks):				134.4 RPD = 1
	Corrected Ave (3 peaks):				113.3	Corrected Ave (3 peaks):				115.0 RPD = 1
Aroclor-1248	1	6.275	0.002	4974840	312.5	1	7.109	0.006	5303414	307.4
Aroclor-1248	2	6.736	-0.001	1322938	127.0	2	7.529	0.000	1261079	127.0
Aroclor-1248	3	7.023	-0.001	1743447	143.3	3	7.891	0.000	2102322	162.3
Aroclor-1248	4	7.563	0.002	1046471	53.7	4	8.236	-0.001	979611	58.2
	Total Col1Ave (4 peaks):				159.1	Total Col2Ave (4 peaks):				163.7 RPD = 3
	Corrected Ave (3 peaks):				108.0	Corrected Ave (3 peaks):				115.8 RPD = 7
Aroclor-1254	1	7.821	-0.001	406605	18.9	1	8.467	-0.002	442899	24.8
Aroclor-1254	2	8.122	-0.002	281994	20.3	2	8.870	0.000	191752	16.3
Aroclor-1254	3	8.229	-0.002	710343	27.0	3	8.981	0.001	795497	33.8
Aroclor-1254	4	8.479	-0.012	621646	22.5	4	9.158	0.017	808622	29.7
Aroclor-1254	5	8.760	-0.004	366577	22.1	5	9.543	0.011	456457	28.5
	Total Col1Ave (5 peaks):				22.2	Total Col2Ave (5 peaks):				26.6 RPD = 18
	Corrected Ave (4 peaks):				21.0	Corrected Ave (4 peaks):				24.8 RPD = 17
Aroclor-1260	1	9.146	-0.001	121887	11.7	1	9.288	0.000	791362	40.3
Aroclor-1260	2	9.376	0.003	142329	14.4	2	10.060	0.005	467105	36.7
Aroclor-1260	3	9.620	0.001	270803	10.8	3	10.218	0.004	654876	20.0
Aroclor-1260	4	9.897	-0.001	200237	15.4	4	10.612	-0.003	382068	19.6
Aroclor-1260	5	10.017	-0.003	122793	19.4	NS	---			----
	Total Col1Ave (5 peaks):				14.4	Total Col2Ave (4 peaks):				29.1 RPD = 68*
	Corrected Ave (4 peaks):				13.1	Corrected Ave (3 peaks):				25.4 RPD = 64*
Aroclor-1262	1	9.376	0.002	142329	6.8	1	10.060	0.002	467105	17.6
Aroclor-1262	2	9.620	0.001	270803	5.5	2	10.218	0.000	654876	10.3
Aroclor-1262	3	10.017	-0.005	122793	5.8	3	10.563	-0.008	331116	12.5
Aroclor-1262	4	---			0.0	4	10.612	-0.007	382068	9.9
Aroclor-1262	5	10.480	0.024	547364	30.3	5	11.092	0.008	470570	22.0
	Total Col1Ave (4 peaks):				12.1	Total Col2Ave (5 peaks):				14.5 RPD = 18
	Corrected Ave (3 peaks):				6.1	Corrected Ave (4 peaks):				12.6 RPD = 70*
Aroclor-1268	1	10.017	-0.005	122793	3.0	1	10.563	-0.009	331116	6.8
Aroclor-1268	2	---			0.0	2	10.612	-0.007	382068	8.6
Aroclor-1268	3	10.225	-0.007	269701	8.7	3	10.876	-0.012	325192	9.4
Aroclor-1268	4	10.799	-0.003	154675	1.8	4	11.400	-0.016	150281	1.5
	Total Col1Ave (3 peaks):				4.5	Total Col2Ave (4 peaks):				6.6 RPD = 38
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):				5.6

Total PCB Area Col1 (4.496 - 10.959) = 36534890 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.064 - 11.603) = 40860652 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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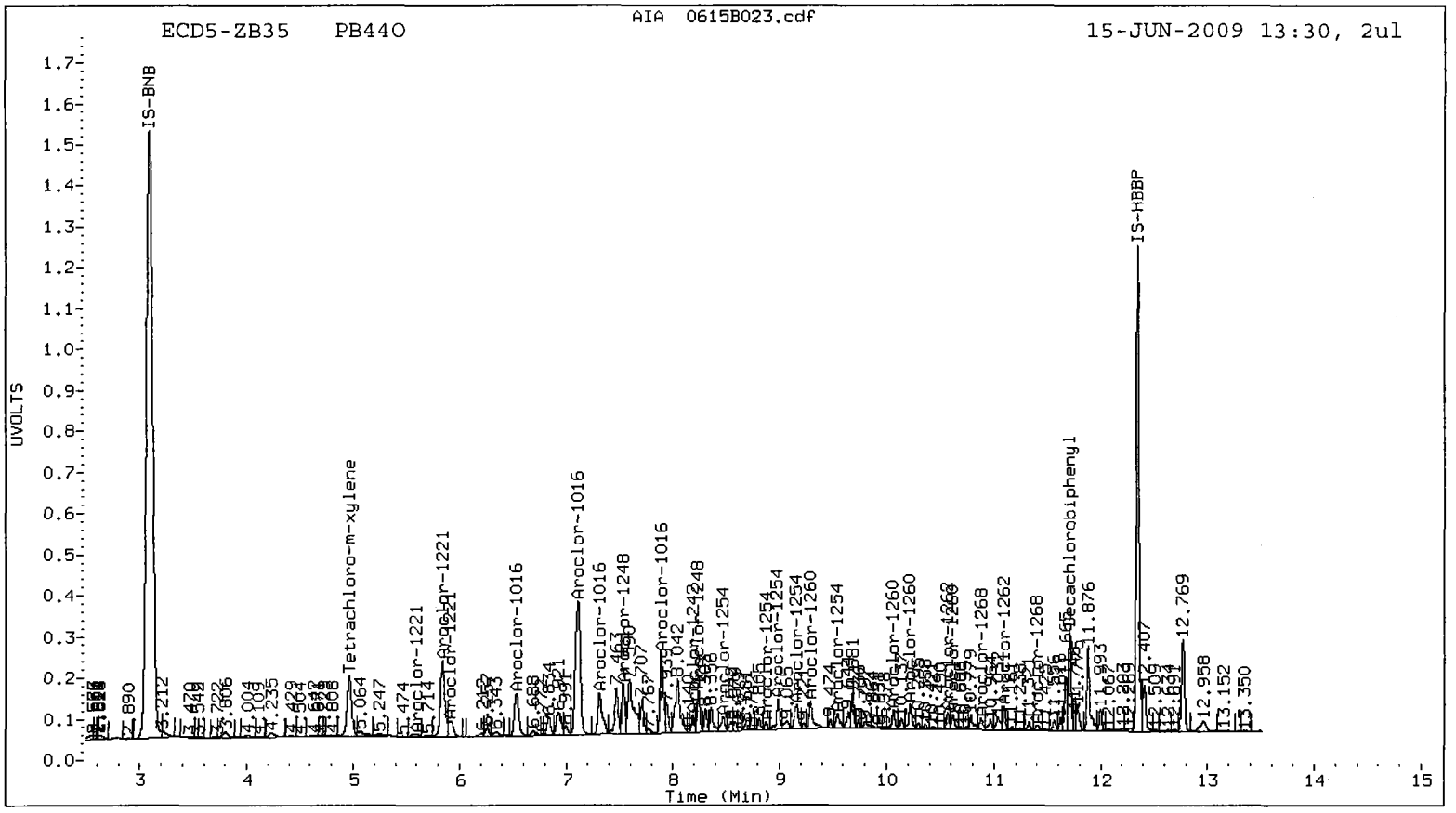
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268
Aroclor-1262
Decachlorobiphenyl
IS-HBBP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Time (Min)
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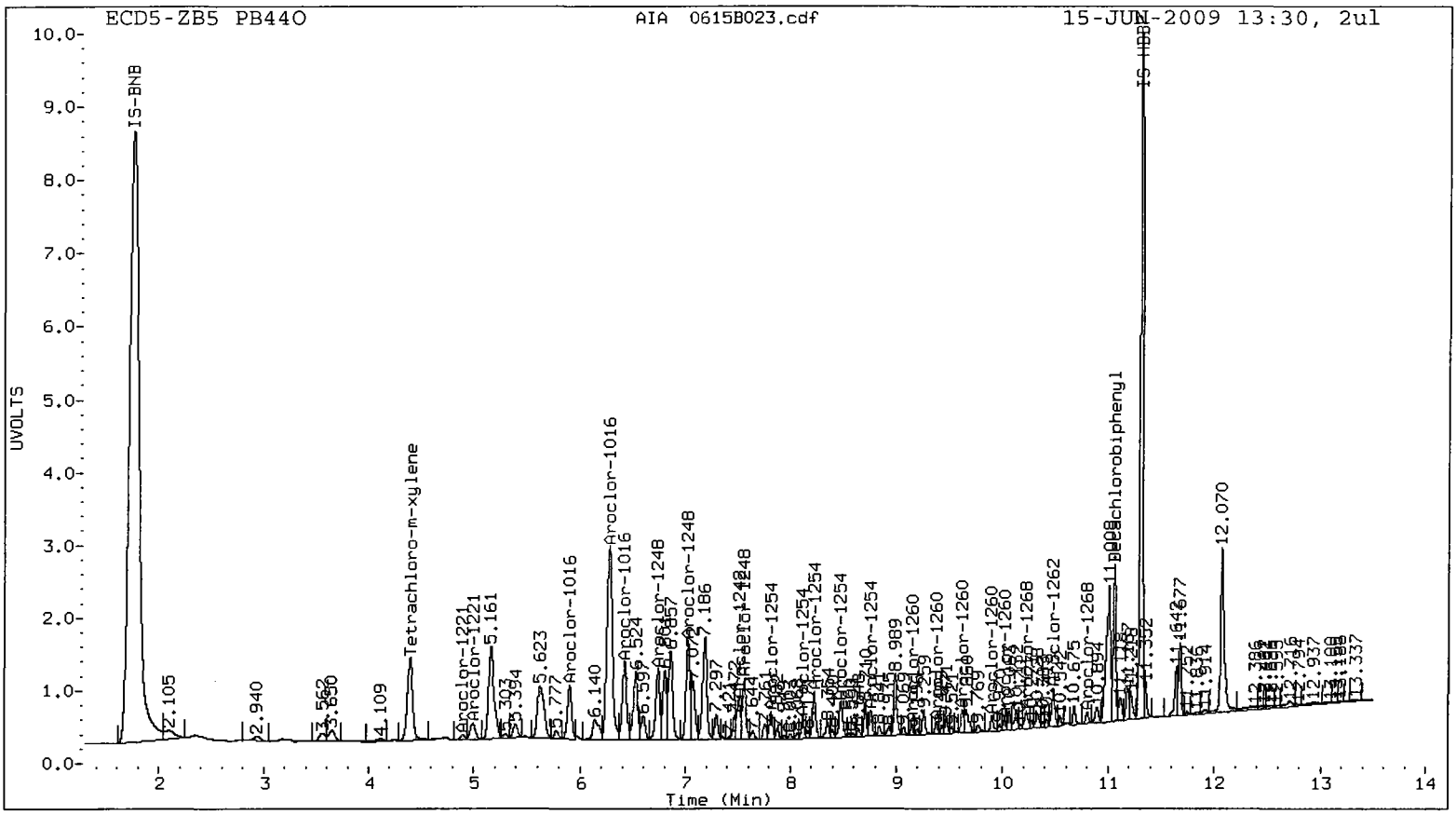
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1268
Aroclor-1262
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
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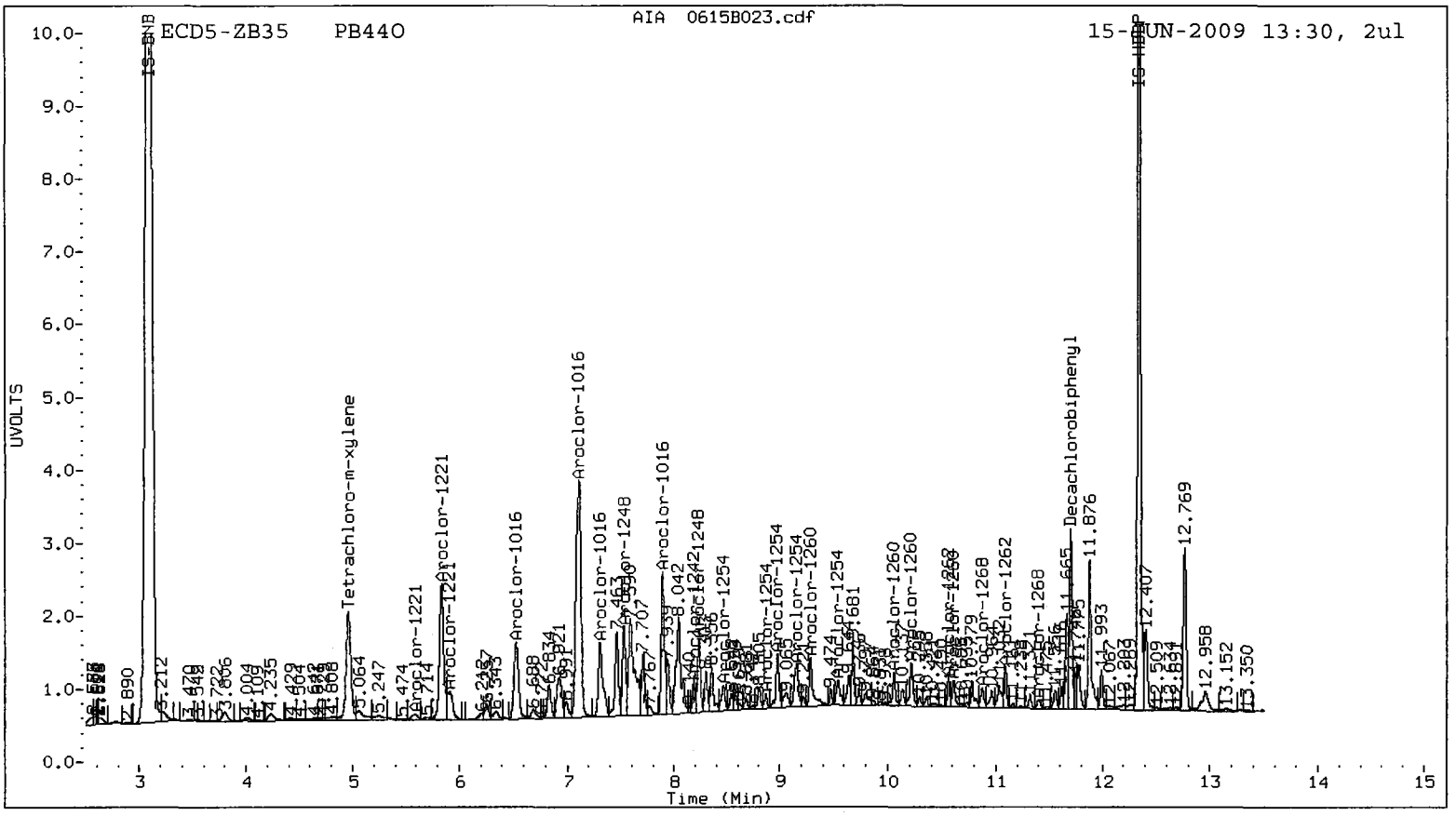
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB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Time (Min)
IS-BNB
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Aroclor-1221
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Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB

PCB Analysis
Standard Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

6F

8082 INITIAL CALIBRATION OF AROCLOR 1016/1260

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Instrument ID: ECD5

Calibration Date: 06/07/09

SURROGATES

	RT WIN	LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
TCX	4.30- 4.50	1.0923	1.0985	1.0712	1.0131	0.9610	1.0472	5.6
DCB	10.96-11.16	2.9032	2.1982	2.0692	1.9381	1.8581	2.1934	19.0

Aroclor-1016 Peak	RT WIN	LVL1 .02	LVL2 0.1	LVL3 .25	LVL4 0.5	LVL5 1.0	MEAN	%RSD
1	5.80- 6.00	0.0268	0.0258	0.0237	0.0232	0.0215	0.0242	8.7
2	6.18- 6.38	0.0873	0.0817	0.0777	0.0736	0.0692	0.0779	9.0
3	6.32- 6.52	0.0377	0.0356	0.0331	0.0310	0.0288	0.0333	10.7
4	6.43- 6.63	0.0203	0.0231	0.0219	0.0213	0.0200	0.0213	5.9

AROCLOR AVERAGE %RSD = 8.6

Aroclor-1260 Peak	RT WIN	LVL1 .02	LVL2 0.1	LVL3 .25	LVL4 0.5	LVL5 1.0	MEAN	%RSD
1	9.05- 9.25	0.0949	0.0890	0.0871	0.0811	0.0774	0.0859	8.0
2	9.27- 9.47	0.0871	0.0847	0.0832	0.0779	0.0745	0.0815	6.3
3	9.52- 9.72	0.2246	0.2137	0.2164	0.1978	0.1831	0.2071	8.0
4	9.80-10.00	0.1163	0.1108	0.1086	0.1025	0.0988	0.1074	6.4
5	9.92-10.12	0.0522	0.0541	0.0544	0.0516	0.0498	0.0524	3.6

AROCLOR AVERAGE %RSD = 6.5

6F

8082 INITIAL CALIBRATION OF AROCLOR 1016/1260

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Instrument ID: ECD5

Calibration Date: 06/07/09

SURROGATES

	RT WIN	LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
TCX	4.87- 5.07	1.1742	1.0253	1.0206	0.9813	0.9692	1.0341	7.9
DCB	11.60-11.80	3.1032	2.2641	2.1363	2.0352	2.0057	2.3089	19.7

Aroclor-1016 Peak	RT WIN	LVL1 .02	LVL2 0.1	LVL3 .25	LVL4 0.5	LVL5 1.0	MEAN	%RSD
1	6.43- 6.63	0.0400	0.0382	0.0364	0.0342	0.0335	0.0364	7.4
2	7.01- 7.21	0.0896	0.0777	0.0741	0.0703	0.0693	0.0762	10.8
3	7.21- 7.41	0.0367	0.0311	0.0281	0.0265	0.0262	0.0297	14.7
4	7.79- 7.99	0.0253	0.0239	0.0220	0.0212	0.0210	0.0227	8.2

AROCLOR AVERAGE %RSD = 10.3

Aroclor-1260 Peak	RT WIN	LVL1 .02	LVL2 0.1	LVL3 .25	LVL4 0.5	LVL5 1.0	MEAN	%RSD
1	9.19- 9.39	0.1658	0.1539	0.1487	0.1421	0.1410	0.1503	6.7
2	9.96-10.16	0.1119	0.0979	0.0953	0.0912	0.0909	0.0974	8.8
3	10.12-10.32	0.2840	0.2462	0.2446	0.2374	0.2395	0.2503	7.6
4	10.52-10.72	0.1906	0.1418	0.1403	0.1357	0.1349	0.1487	15.9

AROCLOR AVERAGE %RSD = 9.8

6G

8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Instrument ID: ECD5

Calibration Date: 06/07/09

Aroclor-1221			
Peak	RT	RT WIN	Cal Factor
1	4.732	4.63- 4.83	0.04358
2	4.895	4.79- 4.99	0.02779
3	4.990	4.89- 5.09	0.10483

Aroclor-1232			
Peak	RT	RT WIN	Cal Factor
1	4.898	4.80- 5.00	0.03572
2	5.901	5.80- 6.00	0.01731
3	6.272	6.17- 6.37	0.05545
4	6.425	6.32- 6.52	0.02389

Aroclor-1242			
Peak	RT	RT WIN	Cal Factor
1	5.903	5.80- 6.00	0.02354
2	6.278	6.18- 6.38	0.07503
3	6.421	6.32- 6.52	0.03269
4	7.511	7.41- 7.61	0.02582

Aroclor-1248			
Peak	RT	RT WIN	Cal Factor
1	6.274	6.17- 6.37	0.04625
2	6.738	6.64- 6.84	0.03026
3	7.025	6.92- 7.12	0.03535
4	7.563	7.46- 7.66	0.05661

6G

8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Instrument ID: ECD5

Calibration Date: 06/07/09

Aroclor-1254			
Peak	RT	RT WIN	Cal Factor
1	7.821	7.72- 7.92	0.06251
2	8.125	8.02- 8.22	0.04029
3	8.231	8.13- 8.33	0.07640
4	8.490	8.39- 8.59	0.08020
5	8.765	8.67- 8.87	0.04829

Aroclor-1262			
Peak	RT	RT WIN	Cal Factor
1	9.374	9.27- 9.47	0.17211
2	9.619	9.52- 9.72	0.40779
3	10.021	9.92-10.12	0.17438
4	1.000	0.90- 1.10	0.18401
5	10.457	10.36-10.56	0.14926

Aroclor-1268			
Peak	RT	RT WIN	Cal Factor
1	10.021	9.92-10.12	0.33796
2	1.000	0.90- 1.10	0.31912
3	10.232	10.13-10.33	0.25541
4	10.803	10.70-10.90	0.73034

6G

8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Instrument ID: ECD5

Calibration Date: 06/07/09

Aroclor-1221			
Peak	RT	RT WIN	Cal Factor
1	5.566	5.47- 5.67	0.04655
2	5.791	5.69- 5.89	0.02772
3	5.896	5.80- 6.00	0.09163
4	7.310	7.21- 7.41	0.01450

Aroclor-1232			
Peak	RT	RT WIN	Cal Factor
1	5.896	5.80- 6.00	0.02983
2	6.535	6.44- 6.64	0.02731
3	7.114	7.01- 7.21	0.05262
4	7.310	7.21- 7.41	0.02073

Aroclor-1242			
Peak	RT	RT WIN	Cal Factor
1	6.529	6.43- 6.63	0.03464
2	7.111	7.01- 7.21	0.07113
3	7.308	7.21- 7.41	0.02714
4	8.186	8.09- 8.29	0.01235

Aroclor-1248			
Peak	RT	RT WIN	Cal Factor
1	7.104	7.00- 7.20	0.04461
2	7.531	7.43- 7.63	0.02567
3	7.892	7.79- 7.99	0.03350
4	8.239	8.14- 8.34	0.04353

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ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Instrument ID: ECD5

Calibration Date: 06/07/09

Aroclor-1254			
Peak	RT	RT WIN	Cal Factor
1	8.469	8.37- 8.57	0.04620
2	8.870	8.77- 8.97	0.03034
3	8.981	8.88- 9.08	0.06082
4	9.141	9.04- 9.24	0.07050
5	9.532	9.43- 9.63	0.04136

Aroclor-1262			
Peak	RT	RT WIN	Cal Factor
1	10.058	9.96-10.16	0.20250
2	10.218	10.12-10.32	0.48427
3	10.571	10.47-10.67	0.20269
4	10.619	10.52-10.72	0.29500
5	11.083	10.98-11.18	0.16325

Aroclor-1268			
Peak	RT	RT WIN	Cal Factor
1	10.572	10.47-10.67	0.37153
2	10.618	10.52-10.72	0.34063
3	10.888	10.79-10.99	0.26386
4	11.416	11.32-11.52	0.77014

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 07-JUN-2009 08:39
End Cal Date : 07-JUN-2009 11:48
Quant Method : ISTD
Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB1.m
Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Calibration File Names:
Level 1: /chem2/ecd5.i/20090606.B/ical-1.b/0606B068.d
Level 2: /chem2/ecd5.i/20090606.B/ical-1.b/0606B070.d
Level 3: /chem2/ecd5.i/20090606.B/ical-1.b/0606B067.d
Level 4: /chem2/ecd5.i/20090606.B/ical-1.b/0606B071.d
Level 5: /chem2/ecd5.i/20090606.B/ical-1.b/0606B069.d
Level 6: /chem2/ecd5.i/20090606.B/ddts-1.b/0606B078.d
Level 7: /chem2/ecd5.i/20090606.B/ical-1.b/0606B077.d

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	RRF	% RSD
2 Aroclor-1221(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.04358	0.04358	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.02779	0.02779	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.10483	0.10483	0.000
3 Aroclor-1242(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.02354	0.02354	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.07503	0.07503	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.03269	0.03269	0.000

Analytical Resources, Inc.

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Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB1.m
Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	RRF	% RSD
	250.000 Level 7							
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.02582						0.02582	0.000
4 Aroclor-1232(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.03572						0.03572	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.01731						0.01731	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.05545						0.05545	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.02389						0.02389	0.000
7 Aroclor-1016(1)	0.02677	0.02583	0.02371	0.02318	0.02150	+++++		
	+++++						0.02420	8.729
(2)	0.08733	0.08168	0.07767	0.07358	0.06923	+++++		
	+++++						0.07790	9.011
(3)	0.03775	0.03561	0.03314	0.03104	0.02882	+++++		
	+++++						0.03327	10.666
(4)	0.02034	0.02306	0.02192	0.02127	0.01995	+++++		
	+++++						0.02131	5.863

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Integrator : HP Genie
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Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	RRF	% RSD
	250.000 Level 7							
6 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.04625						0.04625	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.03026						0.03026	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.03535						0.03535	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.05661						0.05661	0.000
8 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.06251						0.06251	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.04029						0.04029	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.07640						0.07640	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.08020						0.08020	0.000
(5)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.04829						0.04829	0.000

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Integrator : HP Genie
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Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	___ RRF	% RSD
9 Aroclor-1260(1)	0.09495	0.08896	0.08714	0.08107	0.07736	+++++	+++++	0.08590	8.001
(2)	0.08708	0.08474	0.08317	0.07794	0.07450	+++++	+++++	0.08149	6.320
(3)	0.22464	0.21368	0.21640	0.19783	0.18308	+++++	+++++	0.20713	8.008
(4)	0.11635	0.11082	0.10857	0.10255	0.09884	+++++	+++++	0.10742	6.414
(5)	0.05216	0.05408	0.05438	0.05165	0.04981	+++++	+++++	0.05241	3.577
10 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.17211	0.17211	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.40779	0.40779	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.17438	0.17438	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.18401	0.18401	0.000

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Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB1.m
Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	RRF	% RSD
	250.000 Level 7							
(5)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.14926						0.14926	0.000
11 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.33796						0.33796	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.31912						0.31912	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.25541						0.25541	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.73034						0.73034	0.000
42 2,4-DDE	+++++	+++++	+++++	+++++	+++++	648		
	+++++						648	0.000
43 2,4-DDD	+++++	+++++	+++++	+++++	+++++	602		
	+++++						602	0.000
44 2,4-DDT	+++++	+++++	+++++	+++++	+++++	723		
	+++++						723	0.000
46 4,4-DDE	+++++	+++++	+++++	+++++	+++++	933		
	+++++						933	0.000

Analytical Resources, Inc.

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Origin : Disabled
Target Version : 3.50
Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB1.m
Cal Date : 08-Jun-2009 11:22 jrains
Curve Type : Average

Compound	20.000 Level 1 / 250.000 Level 7	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	___ RRF	% RSD
47 4,4-DDD	+++++ / +++++	+++++	+++++	+++++	+++++	742	742	0.000
48 4,4-DDT	+++++ / +++++	+++++	+++++	+++++	+++++	801	801	0.000
$ 1 Tetrachloro-m-xylene	1.09231 / +++++	1.09849	1.07124	1.01315	0.96103	+++++	1.04724	5.614
$ 13 Decachlorobiphenyl	2.90317 / +++++	2.19816	2.06924	1.93812	1.85809	+++++	2.19335	19.029

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Integrator : HP Genie
Method file : /chem2/ecd5.i/20090606.B/PCB2.m
Cal Date : 08-Jun-2009 06:38 jrains
Curve Type : Average

Calibration File Names:
Level 1: /chem2/ecd5.i/20090606.B/ical-2.b/0606B068.d
Level 2: /chem2/ecd5.i/20090606.B/ical-2.b/0606B070.d
Level 3: /chem2/ecd5.i/20090606.B/ical-2.b/0606B067.d
Level 4: /chem2/ecd5.i/20090606.B/ical-2.b/0606B071.d
Level 5: /chem2/ecd5.i/20090606.B/ical-2.b/0606B069.d
Level 6: /chem2/ecd5.i/20090606.B/ddts-2.b/0606B078.d
Level 7: /chem2/ecd5.i/20090606.B/ical-2.b/0606B077.d

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	RRF	% RSD
1 Aroclor-1221(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.04655	0.04655	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.02772	0.02772	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.09163	0.09163	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.01450	0.01450	0.000
4 Aroclor-1232(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.02983	0.02983	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.02731	0.02731	0.000

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Origin : Disabled
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Integrator : HP Genie
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Cal Date : 08-Jun-2009 06:38 jrains
Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	RRF	% RSD
	250.000 Level 7							
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.05262						0.05262	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.02073						0.02073	0.000
3 Aroclor-1242(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.03464						0.03464	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.07113						0.07113	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.02714						0.02714	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.01235						0.01235	0.000
6 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.04461						0.04461	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.02567						0.02567	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.03350						0.03350	0.000

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Integrator : HP Genie
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Curve Type : Average

Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	250.000 Level 7	RRF	% RSD
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.04353	0.04353	0.000
7 Aroclor-1016(1)	0.03998	0.03819	0.03636	0.03417	0.03355	+++++	+++++	0.03645	7.407
(2)	0.08964	0.07766	0.07408	0.07029	0.06930	+++++	+++++	0.07620	10.781
(3)	0.03670	0.03114	0.02812	0.02647	0.02622	+++++	+++++	0.02973	14.667
(4)	0.02531	0.02388	0.02202	0.02122	0.02101	+++++	+++++	0.02269	8.162
8 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	+++++	0.04620	0.04620	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++	0.03034	0.03034	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++	0.06082	0.06082	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++	0.07050	0.07050	0.000

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Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	RRF	% RSD
	250.000 Level 7							
(5)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.04136						0.04136	0.000
10 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.20250						0.20250	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.48427						0.48427	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.20269						0.20269	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.29500						0.29500	0.000
(5)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.16325						0.16325	0.000
9 Aroclor-1260(1)	0.16581	0.15390	0.14866	0.14211	0.14104	+++++		
	+++++						0.15030	6.730
(2)	0.11194	0.09787	0.09534	0.09117	0.09090	+++++		
	+++++						0.09744	8.842
(3)	0.28398	0.24617	0.24464	0.23741	0.23952	+++++		
	+++++						0.25034	7.647

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Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	RRF	% RSD
	250.000 Level 7							
(4)	0.19065	0.14177	0.14035	0.13574	0.13491	+++++		
	+++++						0.14868	15.901
11 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.37153						0.37153	0.000
(2)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.34063						0.34063	0.000
(3)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.26386						0.26386	0.000
(4)	+++++	+++++	+++++	+++++	+++++	+++++		
	0.77014						0.77014	0.000
41 2,4-DDE	+++++	+++++	+++++	+++++	+++++	587		
	+++++						587	0.000
42 2,4-DDD	+++++	+++++	+++++	+++++	+++++	832		
	+++++						832	0.000
44 4,4-DDE	+++++	+++++	+++++	+++++	+++++	484		
	+++++						484	0.000
45 4,4-DDD/2,4-DDT	+++++	+++++	+++++	+++++	+++++	622		
	+++++						622	0.000

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Compound	20.000 Level 1	100.000 Level 2	250.000 Level 3	500.000 Level 4	1000.000 Level 5	0.000e+00 Level 6	RRF	% RSD
	250.000 Level 7							
46 4,4-DDT	+++++	+++++	+++++	+++++	+++++	689	689	0.000
	+++++							
$ 2 Tetrachloro-m-xylene	1.17415	1.02527	1.02059	0.98128	0.96924	+++++	1.03411	7.926
	+++++							
$ 13 Decachlorobiphenyl	3.10316	2.26410	2.13628	2.03518	2.00568	+++++	2.30888	19.723
	+++++							

Analytical Resources Inc.
8082 DDT SCREEN REPORT

Data file 1: 20090606.B/ddts-1.b/0606B078.d ARI ID: 0.1 PPM DDTS

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
7.790	0.000	24461466	8.546	0.000	24861903	0.100	0.100	0.0	2,4-DDE
8.226	0.000	22720657	8.810	0.000	35268162	0.100	0.100	0.0	2,4-DDD
8.610	0.000	27309743	3.102	0.002	33904254	0.100	----	---	2,4-DDT
8.125	0.000	35244215	9.040	0.000	20494995	0.100	0.100	0.0	4,4-DDE
8.560	0.000	28008067	9.356	0.000	52734869	0.100	0.200	---	4,4-DDD
8.936	0.000	30263552	9.661	0.000	29188643	0.100	0.100	0.0	4,4-DDT

7E

8082 DDT BREAKDOWN VERIFICATION SUMMARY

Lab ID: DDT BD

Analysis Date: 07-JUN-2009 12:05 Init. Calib. Date: 07-JUN-2009

GC Column: ZB5 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4-DDE	8.130	265317
4,4-DDD	8.572	613259
4,4-DDT	8.936	30638873

Col 1: 4,4-DDT Percent Breakdown = 2.8 %

GC Column: ZB35 ID: 0.53(mm)

COMPOUND	RT	AREA
4,4-DDE	9.042	92209
4,4-DDD/2,4-DDT	9.355	592048
4,4-DDT	9.661	29398976

Col 2: 4,4-DDT Percent Breakdown = 2.3 %

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B066.d
Data file 2: 20090606.B/ical-2.b/0606B066.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: IB
Client ID:
Injection Date: 07-JUN-2009 08:22
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	-0.001	15337565	4.966	-0.001	17232867	39.2	40.2	2.4	Tetrachloro-m-xylene
11.060	-0.001	13041695	11.708	0.000	11807505	36.9	36.3	1.6	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	98.0	100.4
Decachlorobiphenyl	92.2	90.7

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29887365	-0.5
Hexabromobiphenyl	12924817	12901852	-0.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33185708	-0.3
Hexabromobiphenyl	11348053	11275214	-0.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

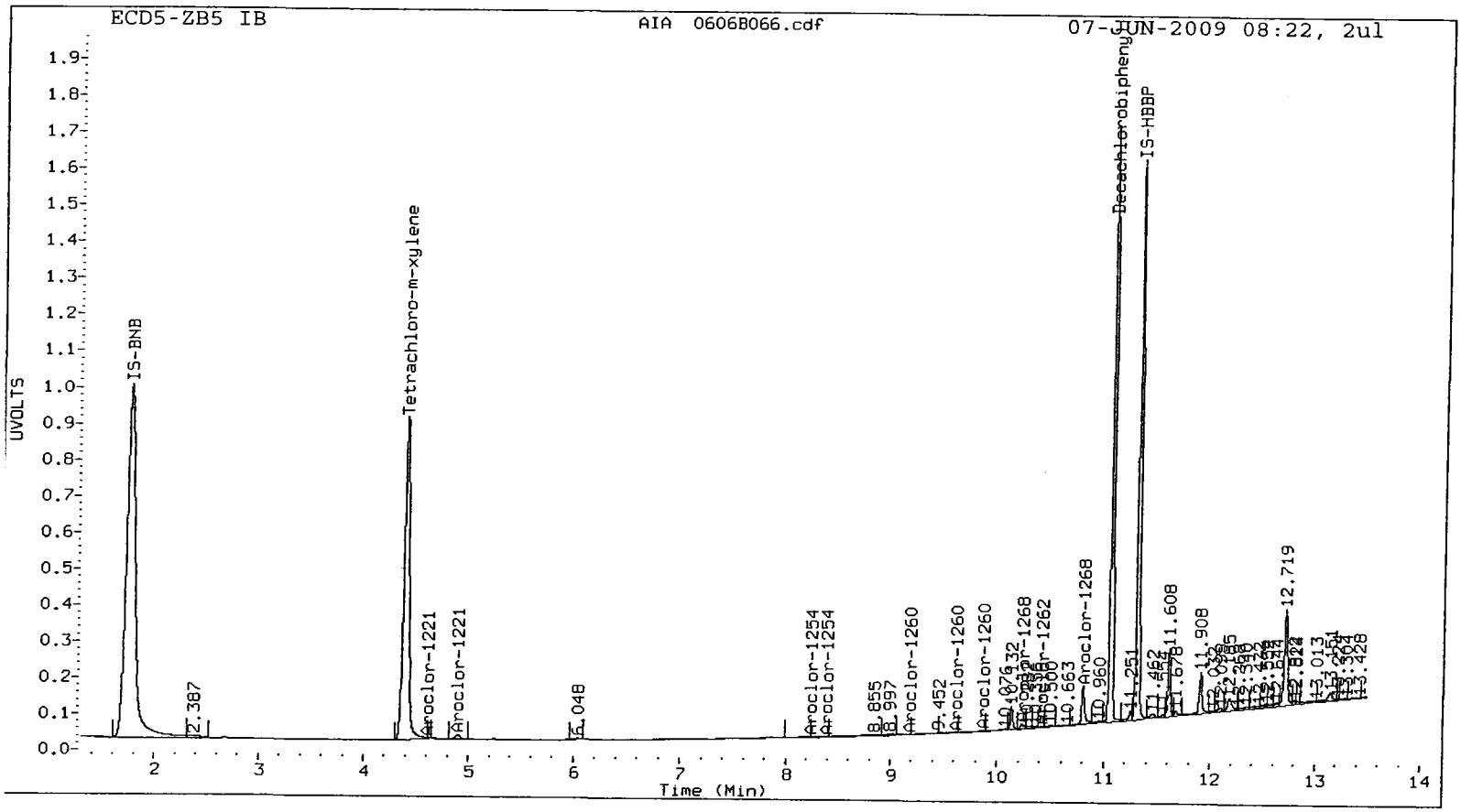
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.465	-0.068	14442	1.0
Aroclor-1016	2	---			0.0	2	7.134	0.022	44850	1.4
Aroclor-1016	3	---			0.0	3	7.290	-0.020	49770	4.0
Aroclor-1016	4	---			0.0	4	7.933	0.038	23221	2.5
		Col1Ave: <3 Quant Peaks					Col2Ave:	2.2		
Aroclor-1221	1	4.610	-0.123	14815	0.9	1	5.610	0.044	233748	12.1
Aroclor-1221	2	4.892	-0.003	176680	17.0	2	5.813	0.021	47969	4.2
Aroclor-1221	3	---			0.0	3	5.936	0.040	82335	2.2
Aroclor-1221	NS	---			----	4	7.290	-0.021	49770	8.3
		Col1Ave: <3 Quant Peaks					Col2Ave:	6.7		
Aroclor-1232	1	---			0.0	1	5.936	0.041	82335	6.7
Aroclor-1232	2	---			0.0	2	6.465	-0.070	14442	1.3
Aroclor-1232	3	---			0.0	3	7.134	0.020	44850	2.1
Aroclor-1232	4	---			0.0	4	7.290	-0.020	49770	5.8
		Col1Ave: <3 Quant Peaks					Col2Ave:	3.9		
Aroclor-1242	1	---			0.0	1	6.465	-0.069	14442	1.0
Aroclor-1242	2	---			0.0	2	7.134	0.021	44850	1.5
Aroclor-1242	3	---			0.0	3	7.290	-0.020	49770	4.4
Aroclor-1242	4	---			0.0	4	8.125	-0.063	67906	13.3
		Col1Ave: <3 Quant Peaks					Col2Ave:	5.0		
Aroclor-1248	1	---			0.0	1	7.134	0.026	44850	2.4
Aroclor-1248	2	---			0.0	2	7.557	0.022	53009	5.0
Aroclor-1248	3	---			0.0	3	7.933	0.038	23221	1.7
Aroclor-1248	4	---			0.0	4	8.125	-0.117	67906	3.8
		Col1Ave: <3 Quant Peaks					Col2Ave:	3.2		
Aroclor-1254	1	---			0.0	1	8.526	0.054	79756	4.2
Aroclor-1254	2	---			0.0	2	8.871	-0.002	33010	2.6
Aroclor-1254	3	8.243	0.013	78940	2.8	3	8.975	-0.009	56744	2.2
Aroclor-1254	4	8.389	-0.103	58899	2.0	4	9.160	0.016	30781	1.1
Aroclor-1254	5	---			0.0	5	9.493	-0.042	59307	3.5
		Col1Ave: <3 Quant Peaks					Col2Ave:	2.7		
Aroclor-1260	1	9.184	0.037	76632	5.5	1	9.257	-0.033	23195	1.1
Aroclor-1260	2	---			0.0	2	10.070	0.010	10313	0.8
Aroclor-1260	3	9.617	-0.002	116889	3.5	3	10.206	-0.012	22407	0.6
Aroclor-1260	4	9.873	-0.025	129756	7.5	4	10.623	0.004	16843	0.8
Aroclor-1260	5	---			0.0	NS	---			----
		Total Col1Ave (3 peaks):			5.5		Total Col2Ave (4 peaks):		0.8	RPD = 148*
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		0.7	
Aroclor-1262	1	---			0.0	1	10.070	0.011	10313	0.4
Aroclor-1262	2	9.617	-0.002	116889	1.8	2	10.206	-0.012	22407	0.3
Aroclor-1262	3	9.873	-0.096	129756	4.6	3	10.623	0.052	16843	0.6
Aroclor-1262	4	---			0.0	4	---			0.0
Aroclor-1262	5	10.422	-0.033	32514	1.4	5	11.035	-0.048	437828	19.0
		Total Col1Ave (3 peaks):			2.6		Total Col2Ave (4 peaks):		5.1	RPD = 65*
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		0.4	
Aroclor-1268	1	9.873	-0.097	129756	2.4	1	10.623	0.052	16843	0.3
Aroclor-1268	2	---			0.0	2	---			0.0
Aroclor-1268	3	10.233	-0.047	175029	4.2	3	10.879	-0.009	18845	0.5
Aroclor-1268	4	10.804	0.012	1155506	9.8	4	11.418	0.002	15641	0.1
		Total Col1Ave (3 peaks):			5.5		Total Col2Ave (3 peaks):		0.3	RPD = 178*
		Corrected Ave: < 3 Peaks					Corrected Ave: < 3 Peaks			

Total PCB Area Col1 (4.494 - 10.960) = 3642830 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 6423620 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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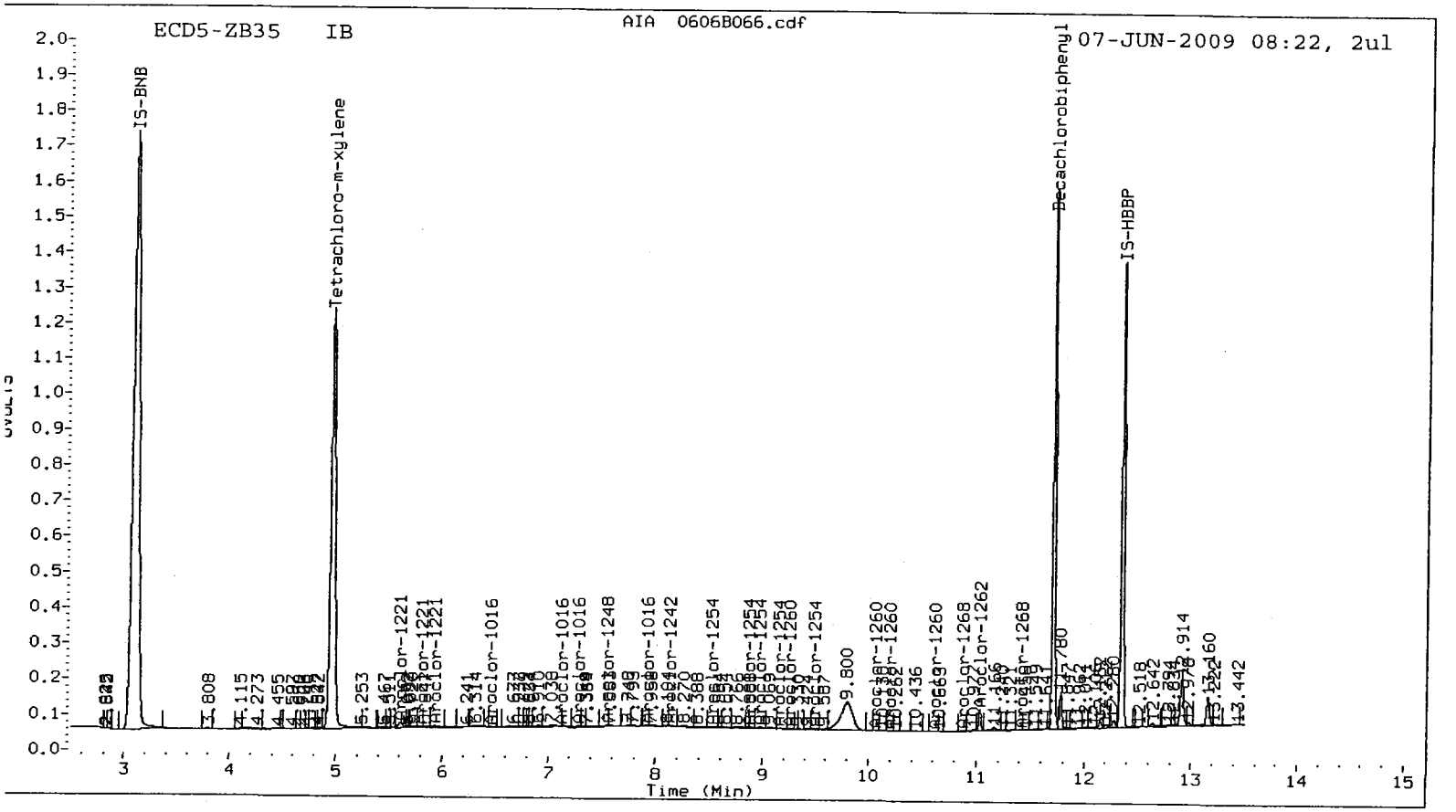
Decachlorobiphenyl
IS-HBBP
Time (Min)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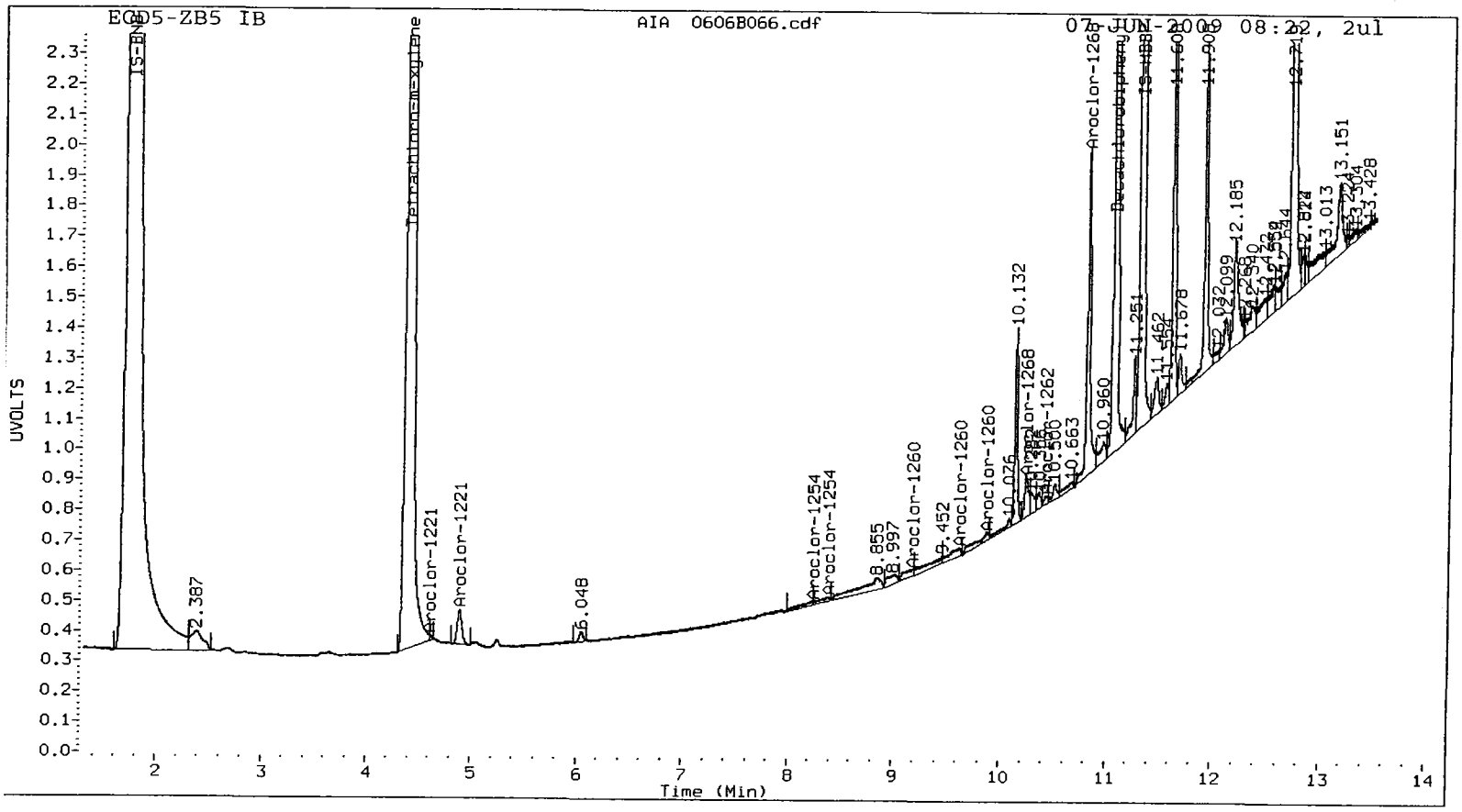
Decachlorobiphenyl
IS-HBBP
Time (Min)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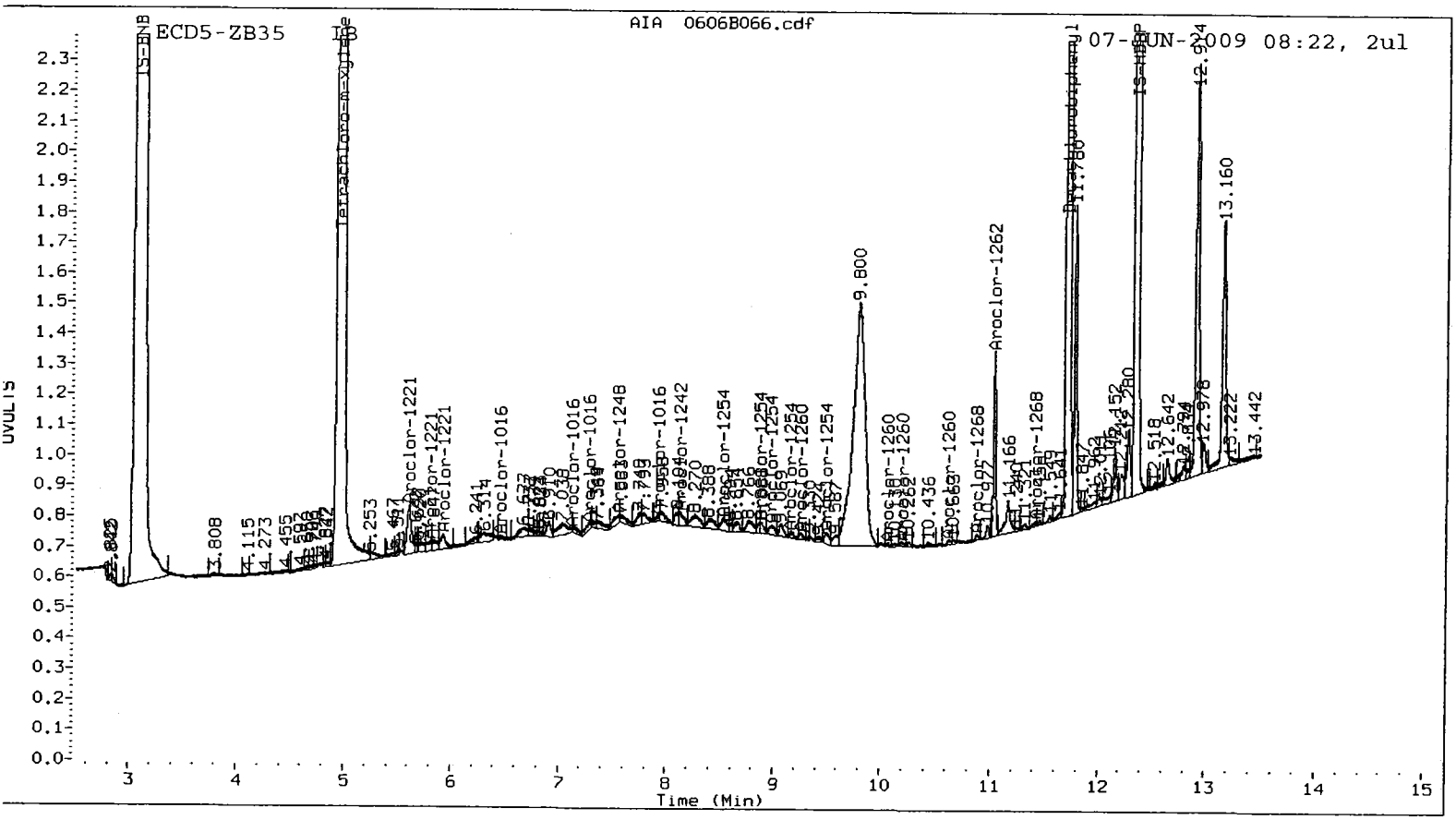
UVOLTS
Time (Min)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UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B067.d
Data file 2: 20090606.B/ical-2.b/0606B067.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: 0.25 PPM AR1660
Client ID:
Injection Date: 07-JUN-2009 08:39
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	Shift	Response	ZB35 Col RT	Shift	Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	-0.001	8043575	4.966	-0.001	8490693	20.5	19.7	3.6	Tetrachloro-m-xylene
11.059	-0.001	6686123	11.707	-0.001	6060642	18.9	18.5	1.9	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	51.1	49.3
Decachlorobiphenyl	47.2	46.3

JR 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30034732	0.0
Hexabromobiphenyl	12924817	12924817	0.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33277512	0.0
Hexabromobiphenyl	11348053	11348053	0.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

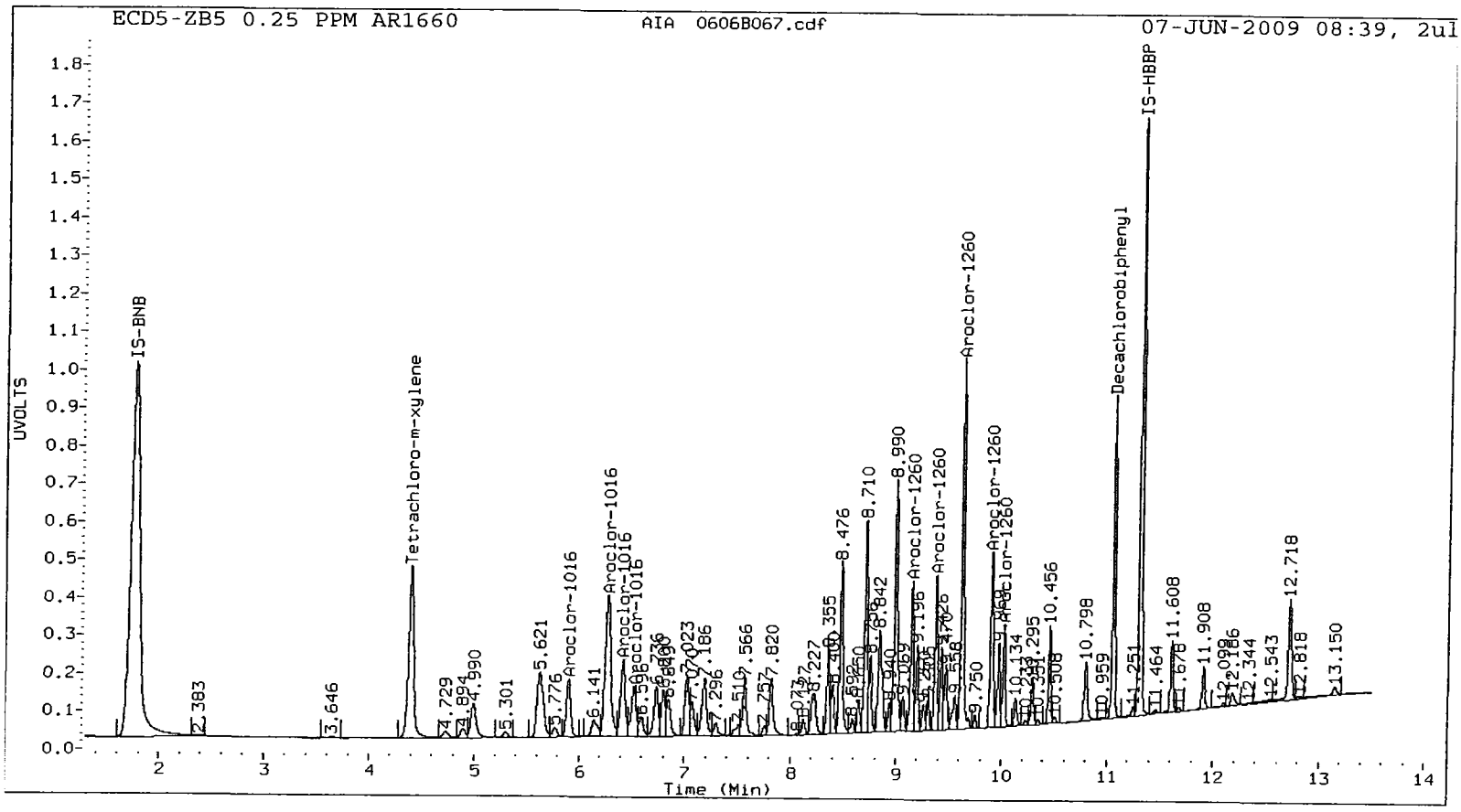
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.899	-0.001	2225269	244.9	1	6.532	0.000	3780974	249.4
Aroclor-1016	2	6.273	-0.001	7290358	249.3	2	7.114	0.002	7703710	243.1
Aroclor-1016	3	6.419	0.001	3110518	249.0	3	7.310	0.000	2923915	236.4
Aroclor-1016	4	6.524	-0.001	2057025	257.1	4	7.895	0.000	2289624	242.6
	Total Col1Ave (4 peaks):				250.1		Total Col2Ave (4 peaks):			242.9 RPD = 3
	Corrected Ave (3 peaks):				247.7		Corrected Ave (3 peaks):			240.7 RPD = 3
Aroclor-1260	1	9.146	-0.001	3519632	253.6	1	9.290	0.000	5271734	247.3
Aroclor-1260	2	9.373	-0.001	3359351	255.2	2	10.059	0.000	3381112	244.6
Aroclor-1260	3	9.619	-0.001	8740589	261.2	3	10.218	-0.001	8675516	244.3
Aroclor-1260	4	9.898	0.000	4385171	252.7	4	10.618	-0.001	4977121	236.0
Aroclor-1260	5	10.020	-0.001	2196409	259.4	NS	---			----
	Total Col1Ave (5 peaks):				256.4		Total Col2Ave (4 peaks):			243.0 RPD = 5
	Corrected Ave (4 peaks):				255.2		Corrected Ave (3 peaks):			241.6 RPD = 5

✓ ✓

Total PCB Area Col1 (4.494 - 10.960) = 107446649 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 101325007 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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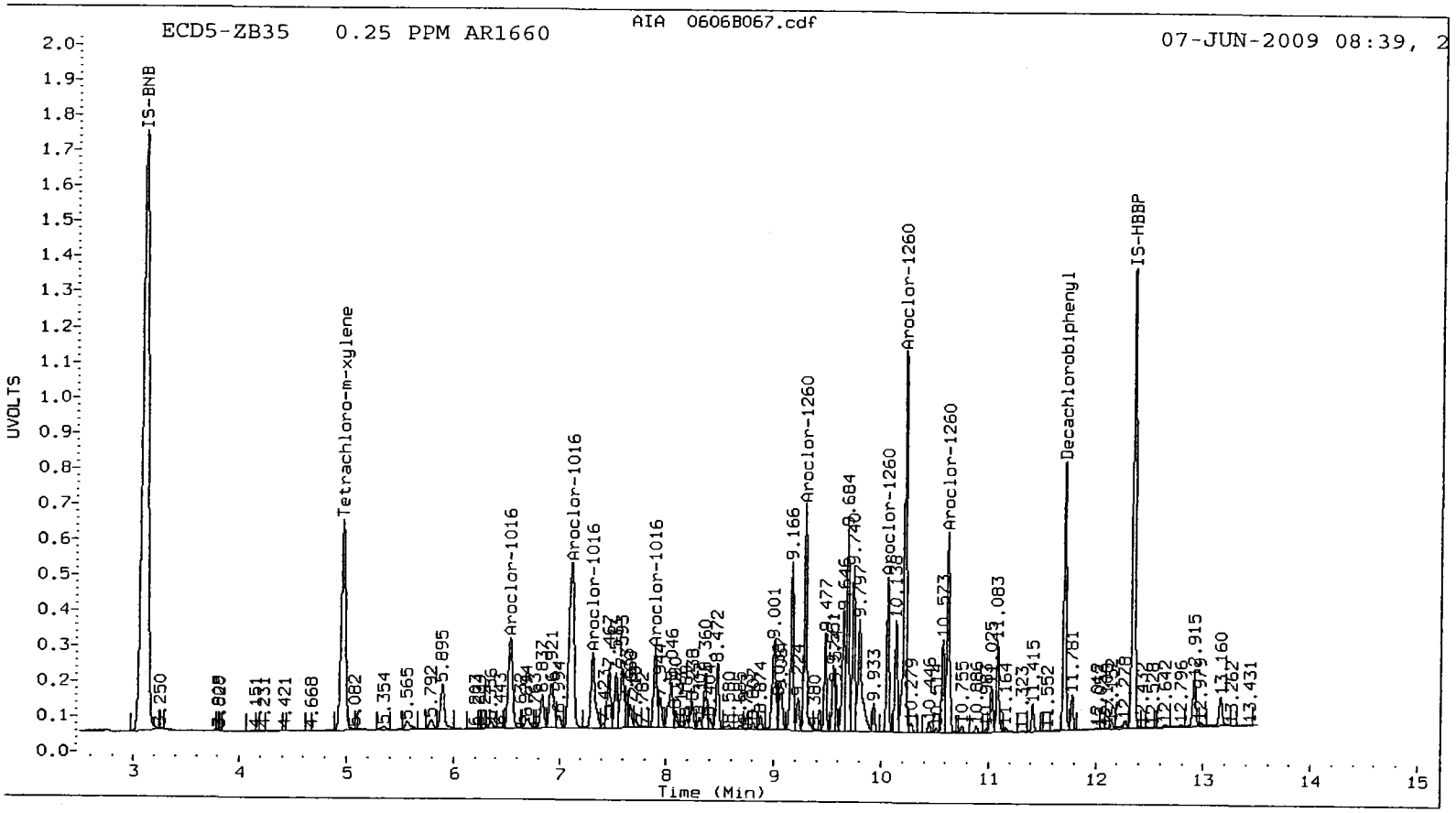
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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Aroclor-1016
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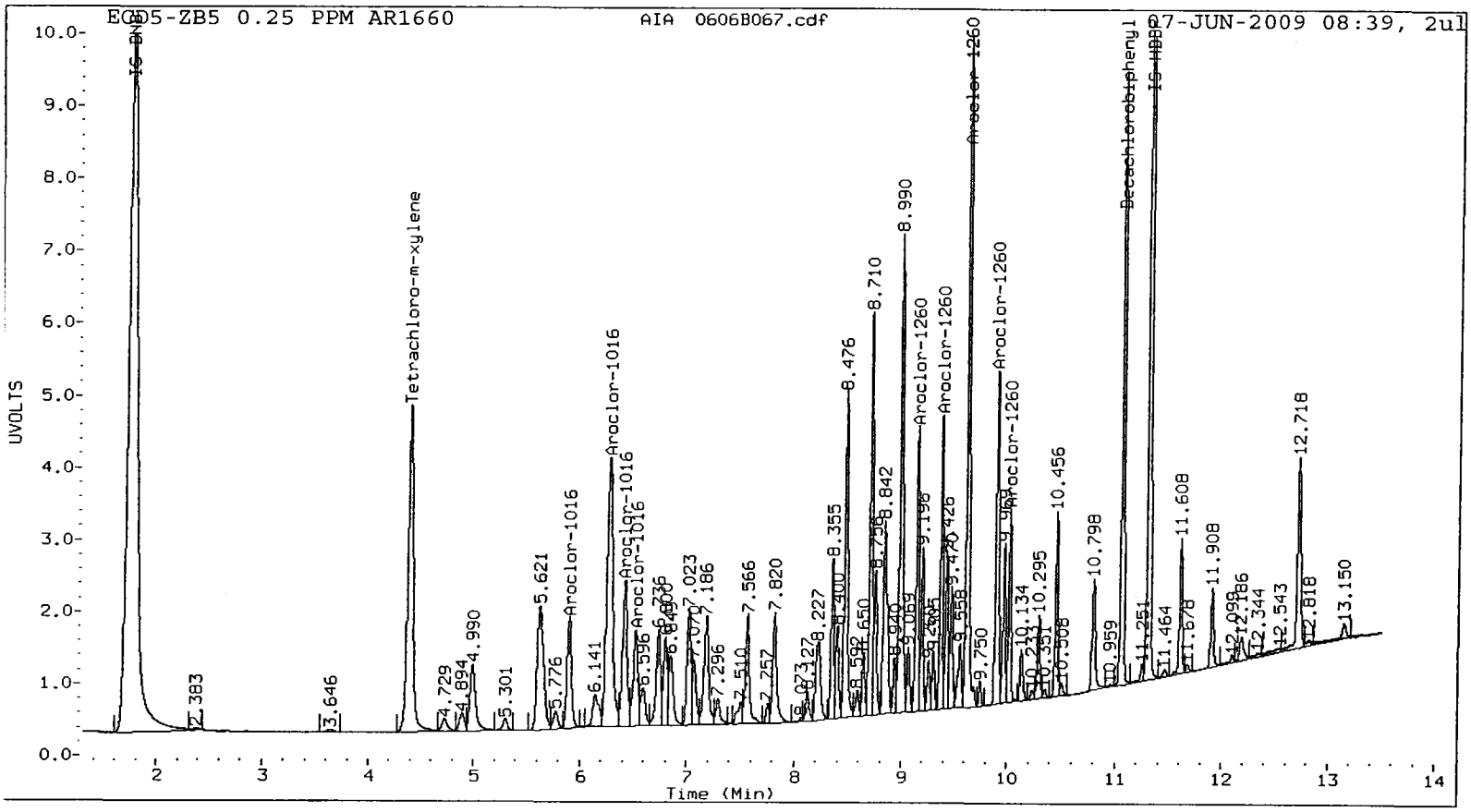
Decachlorobiphenyl
IS-HBBP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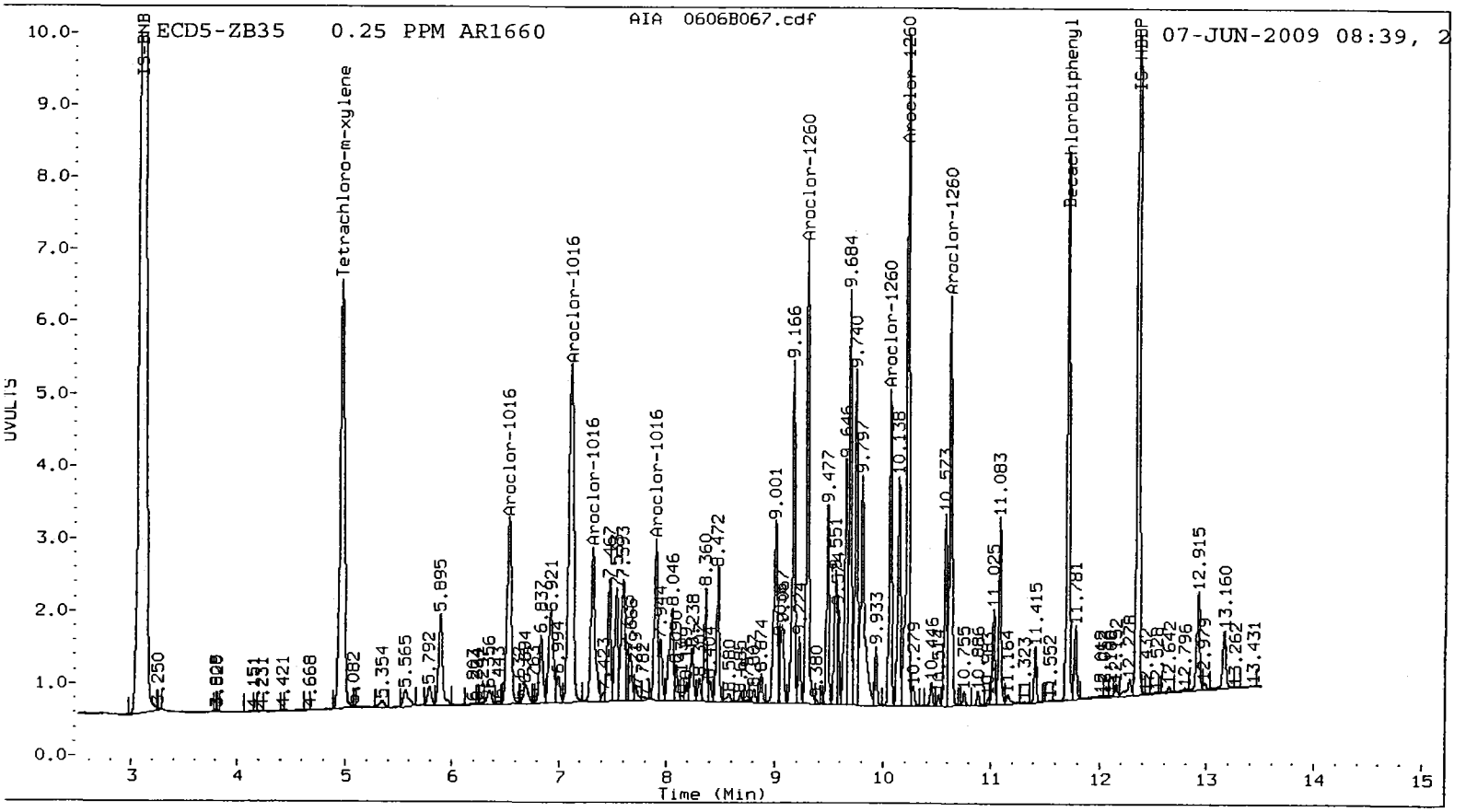
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B068.d
Data file 2: 20090606.B/ical-2.b/0606B068.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: 0.02 PPM AR1660
Client ID:
Injection Date: 07-JUN-2009 08:56
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	-0.001	641604	4.966	-0.001	767506	1.7	1.8	8.5	Tetrachloro-m-xylene
11.058	-0.002	746051	11.709	0.001	691010	2.1	2.2	1.5	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	4.2	4.5
Decachlorobiphenyl	5.3	5.4

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29369163	-2.2
Hexabromobiphenyl	12924817	12848888	-0.6

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32683455	-1.8
Hexabromobiphenyl	11348053	11133973	-1.9

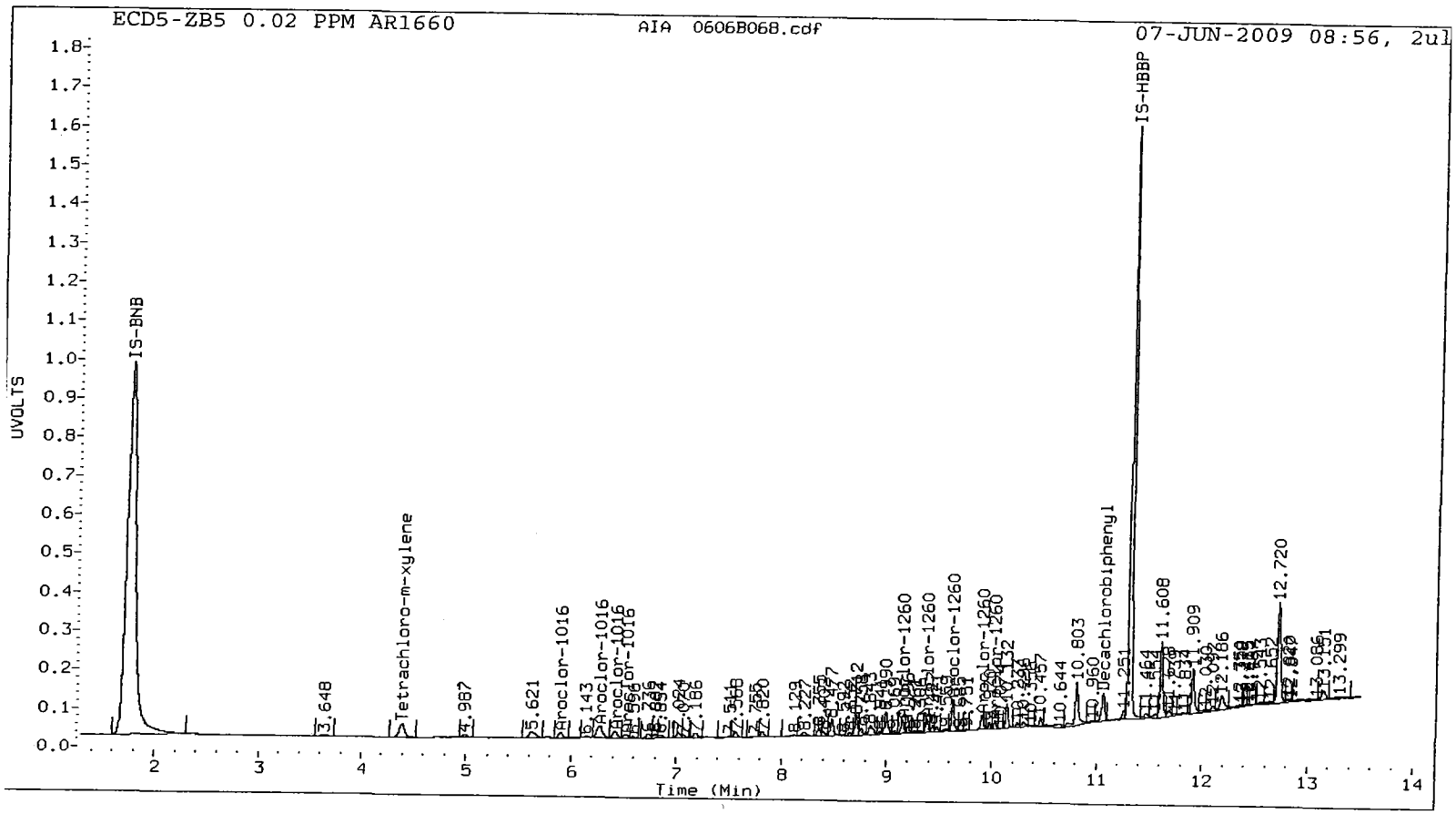
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	ZB5 Col Shift	Area	Amount	Peak#	RT	ZB35 Col Shift	Area	Amount
Aroclor-1016	1	5.903	0.003	196574	22.1	1	6.533	0.000	326685	21.9
Aroclor-1016	2	6.279	0.005	641204	22.4	2	7.111	-0.001	732468	23.5
Aroclor-1016	3	6.423	0.005	277170	22.7	3	7.309	0.000	299838	24.7
Aroclor-1016	4	6.526	0.002	149307	19.1	4	7.896	0.001	206775	22.3
Total Col1Ave (4 peaks):				21.6		Total Col2Ave (4 peaks):			23.1	RPD = 7
Corrected Ave (3 peaks):				21.2 ✓		Corrected Ave (3 peaks):			22.6 ✓	RPD = 6
Aroclor-1260	1	9.147	0.000	304988	22.1	1	9.290	0.000	461532	22.1
Aroclor-1260	2	9.373	-0.001	279733	21.4	2	10.060	0.000	311579	23.0
Aroclor-1260	3	9.620	0.000	721604	21.7	3	10.219	0.000	790453	22.7
Aroclor-1260	4	9.899	0.001	373730	21.7	4	10.619	0.000	530672	25.6
Aroclor-1260	5	10.021	0.000	167536	19.9	NS	---			----
Total Col1Ave (5 peaks):				21.3		Total Col2Ave (4 peaks):			23.3	RPD = 9
Corrected Ave (4 peaks):				21.2		Corrected Ave (3 peaks):			22.6	RPD = 6

Total PCB Area Col1 (4.494 - 10.960) = 11511820 Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 14746772 Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.25ppm in Ical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Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP
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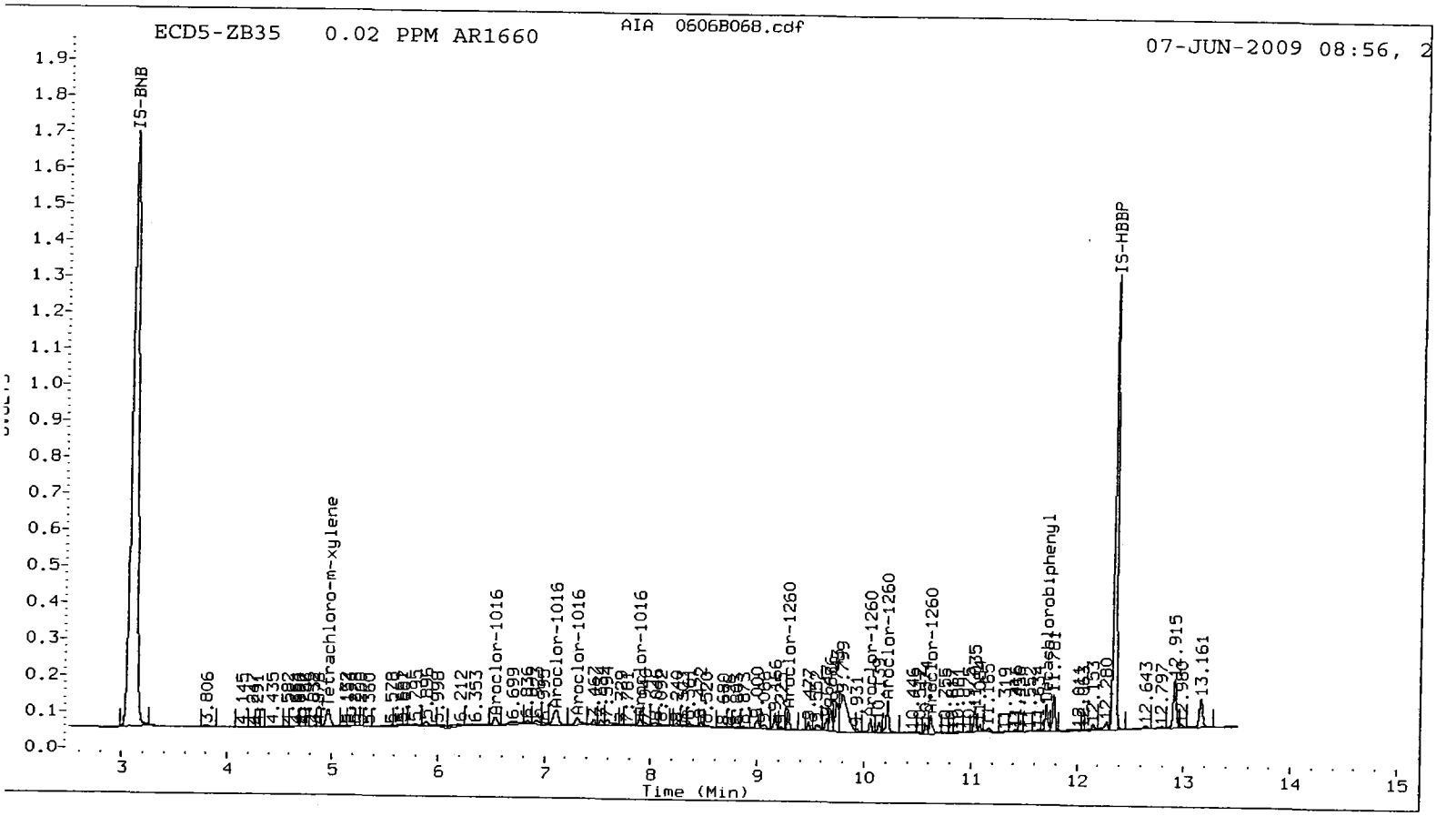
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Aroclor-1260
Decachlorobiphenyl
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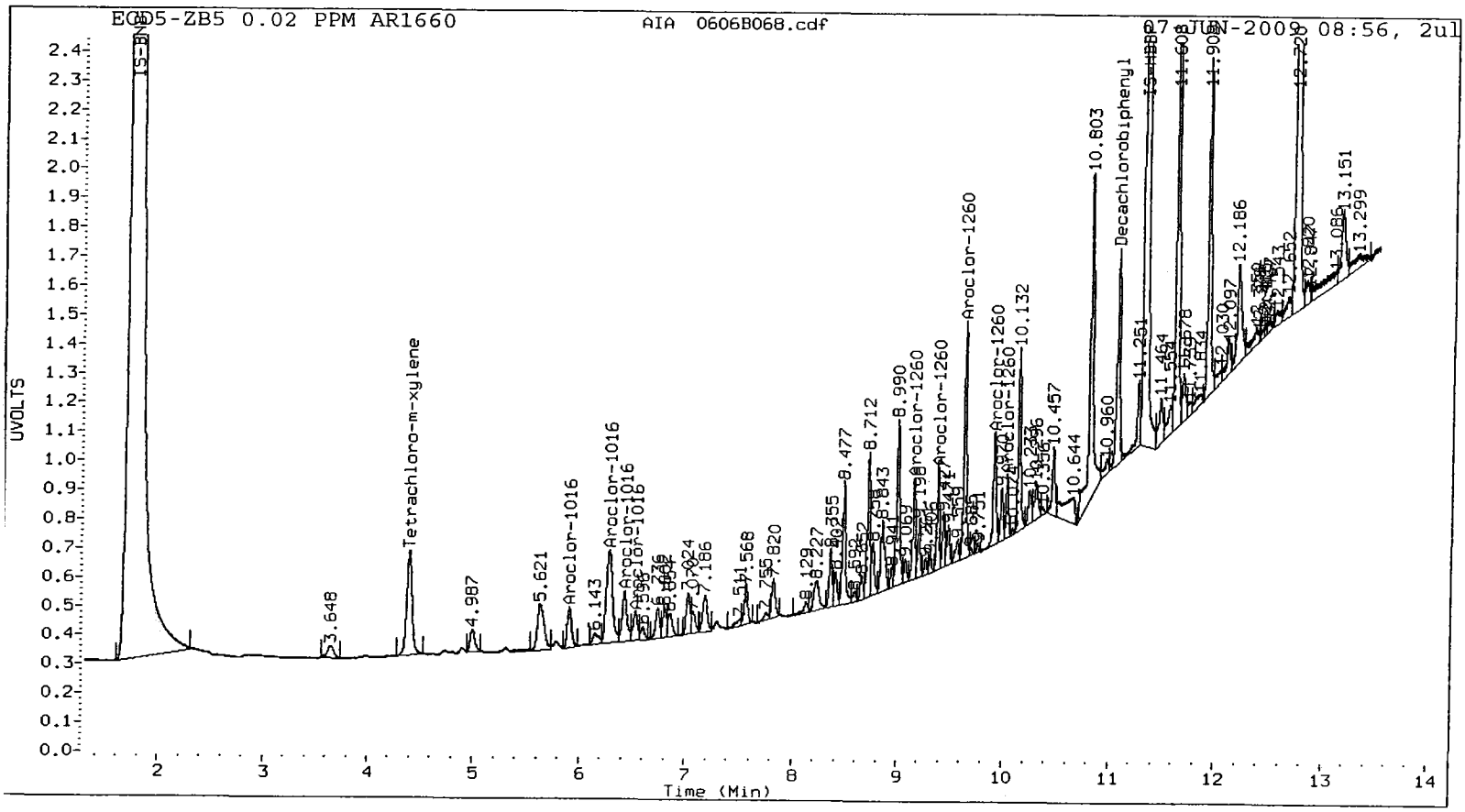
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Time (Min)
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Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
3.648
4.987
5.621
6.143
7.186
7.820
8.477
8.712
8.990
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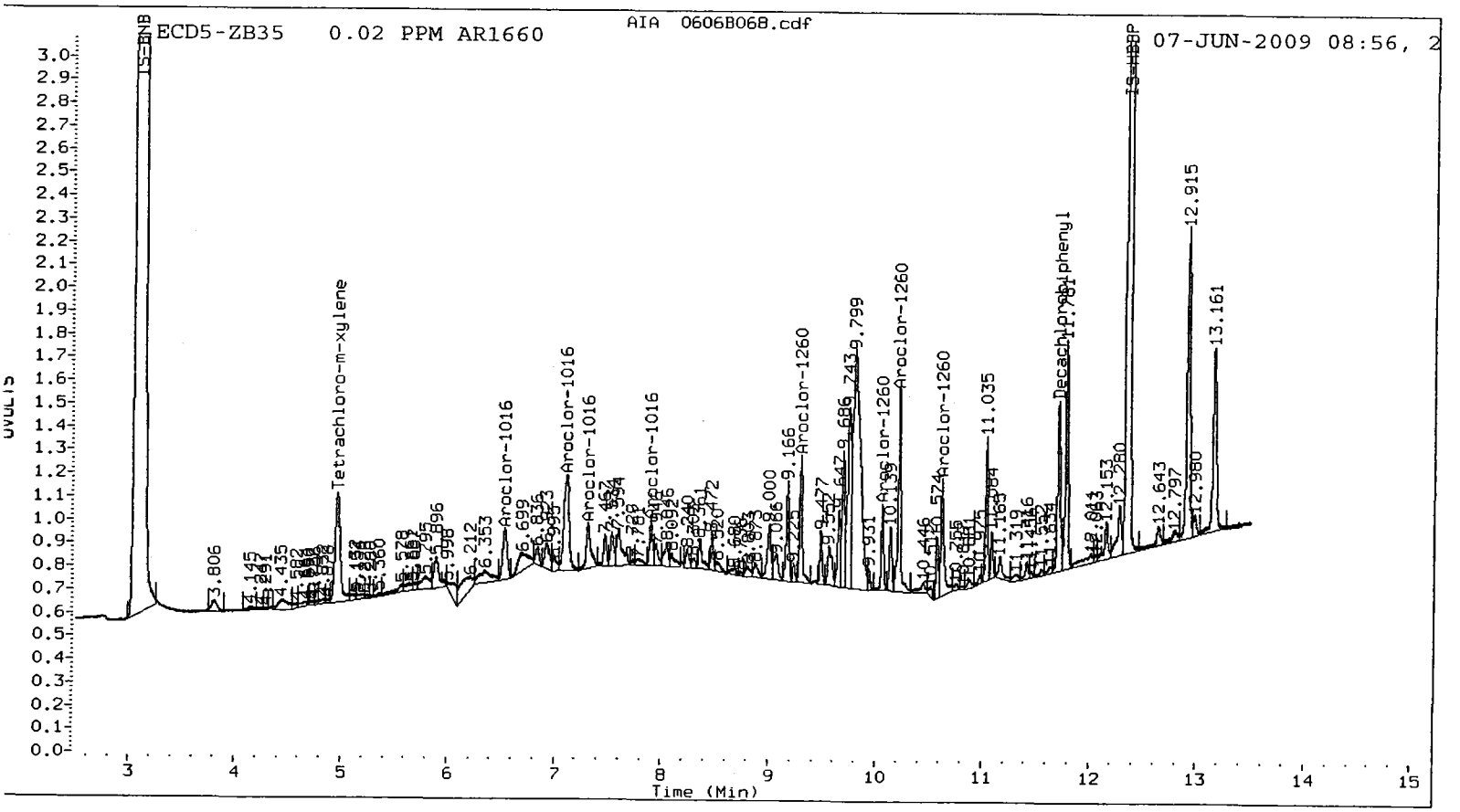
13.299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Time (Min)
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Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
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6.212
6.353
6.699
7.462
7.594
9.166
9.427
9.686
9.799
9.931
10.139
10.524
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12.153
12.643
12.797
12.915
12.980
13.161

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B069.d
Data file 2: 20090606.B/ical-2.b/0606B069.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: 1 PPM AR1660
Client ID:
Injection Date: 07-JUN-2009 09:13
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.394	0.001	30367438	4.967	-0.001	33692144	73.4	75.0	2.1	Tetrachloro-m-xylene
11.060	0.000	25531256	11.709	0.001	23985973	67.8	69.5	2.5	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	183.5	187.5
Decachlorobiphenyl	169.4	173.7

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	31598915	5.2
Hexabromobiphenyl	12924817	13740600	6.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	34761569	4.5
Hexabromobiphenyl	11348053	11959049	5.4

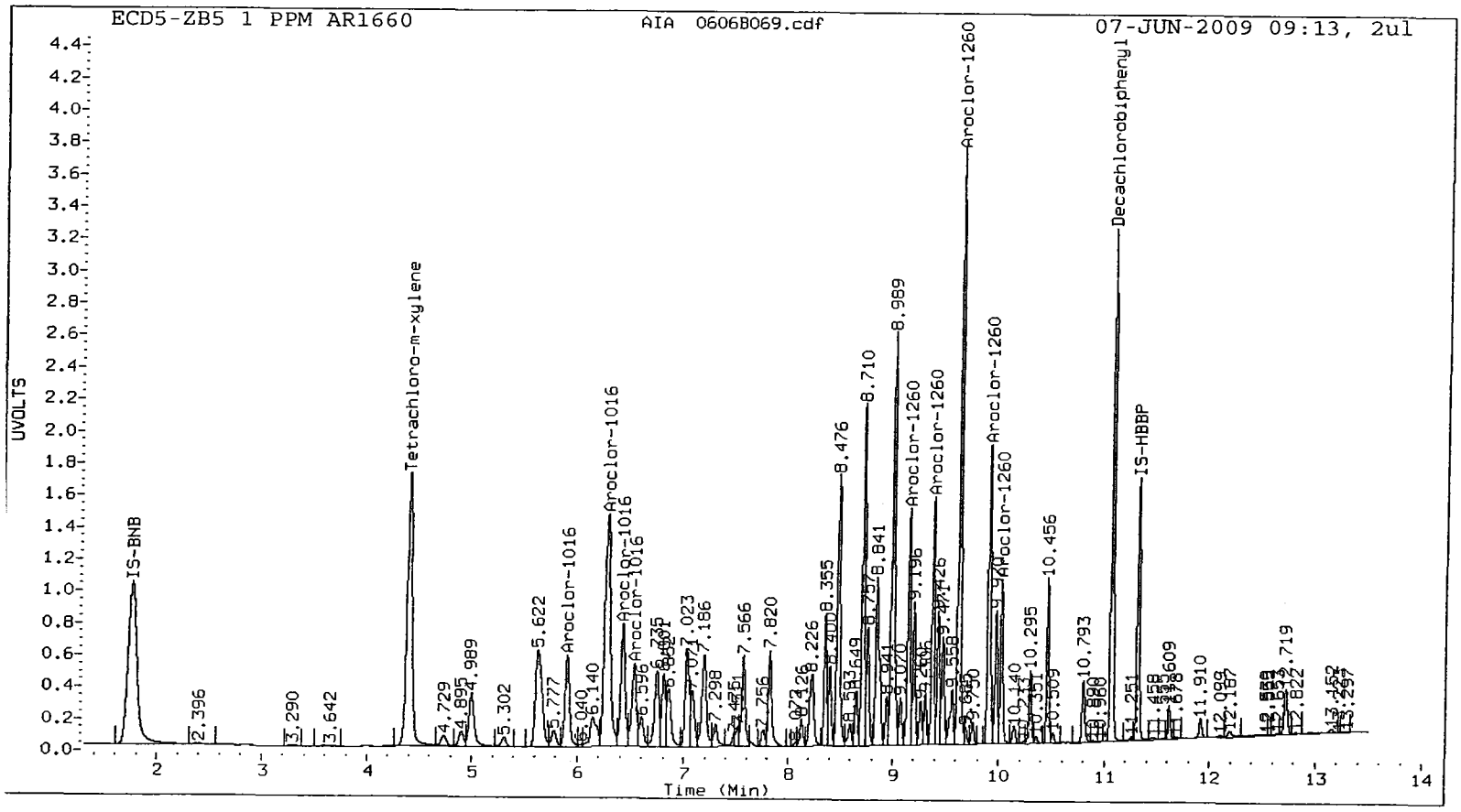
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount	
Aroclor-1016	1	5.900	0.000	8493782	888.6	1	6.534	0.001	14577409	920.4	
Aroclor-1016	2	6.274	-0.001	27344889	888.7	2	7.112	0.000	30111413	909.5	
Aroclor-1016	3	6.418	0.000	11381546	866.1	3	7.310	0.000	11394488	882.1	
Aroclor-1016	4	6.524	-0.001	7880355	936.3	4	7.896	0.001	9127714	926.0	
Total Col1Ave (4 peaks):					895.0	Total Col2Ave (4 peaks):				909.5	RPD = 2
Corrected Ave (3 peaks):					881.2	Corrected Ave (3 peaks):				904.0	RPD = 3
Aroclor-1260	1	9.146	-0.001	13287485	900.7	1	9.291	0.001	21083258	938.3	
Aroclor-1260	2	9.374	0.000	12796613	914.3	2	10.060	0.000	13587870	932.8	
Aroclor-1260	3	9.619	-0.001	31445037	883.9	3	10.219	0.000	35805237	956.8	
Aroclor-1260	4	9.898	0.000	16976180	920.1	4	10.620	0.000	20166723	907.3	
Aroclor-1260	5	10.020	0.000	8555361	950.3	NS	---			----	
Total Col1Ave (5 peaks):					913.8	Total Col2Ave (4 peaks):				933.8	RPD = 2
Corrected Ave (4 peaks):					904.7	Corrected Ave (3 peaks):				926.2	RPD = 2

Total PCB Area Col1 (4.494 - 10.960) = 401918273 Col1 Total PCB = 1.8 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 389160303 Col2 Total PCB = 1.8 ppm*

* Quantitated against AR1660 0.25ppm in Ical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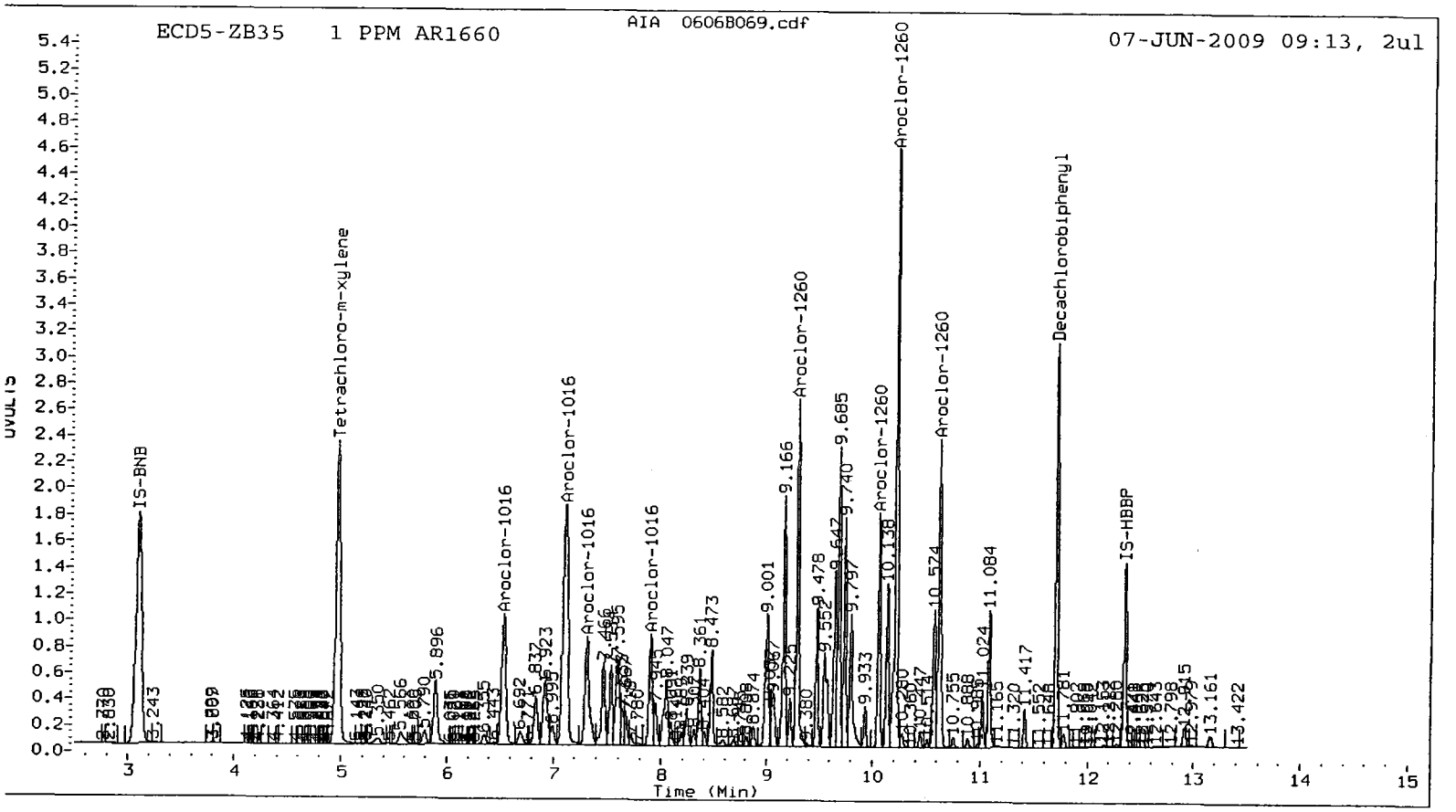
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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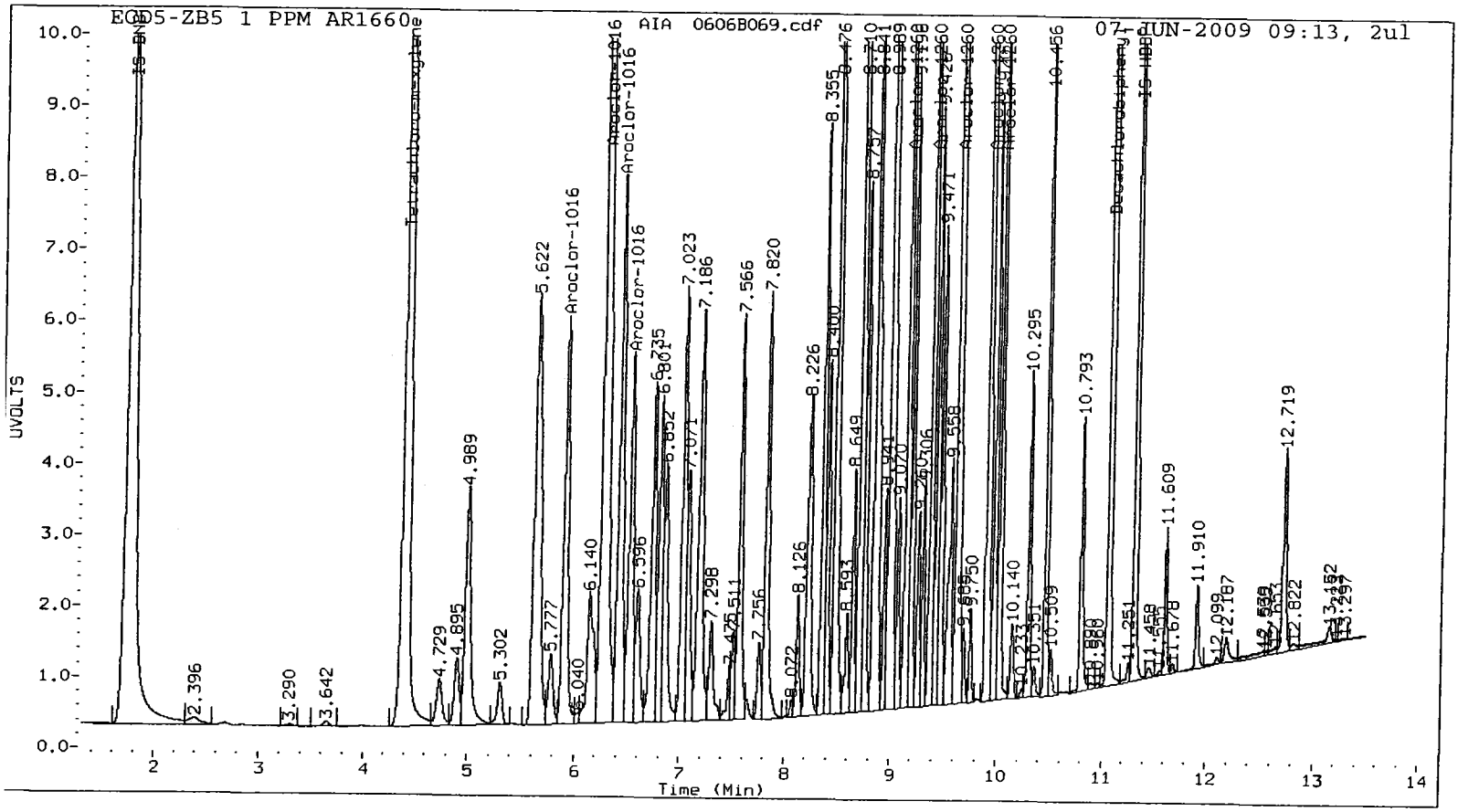
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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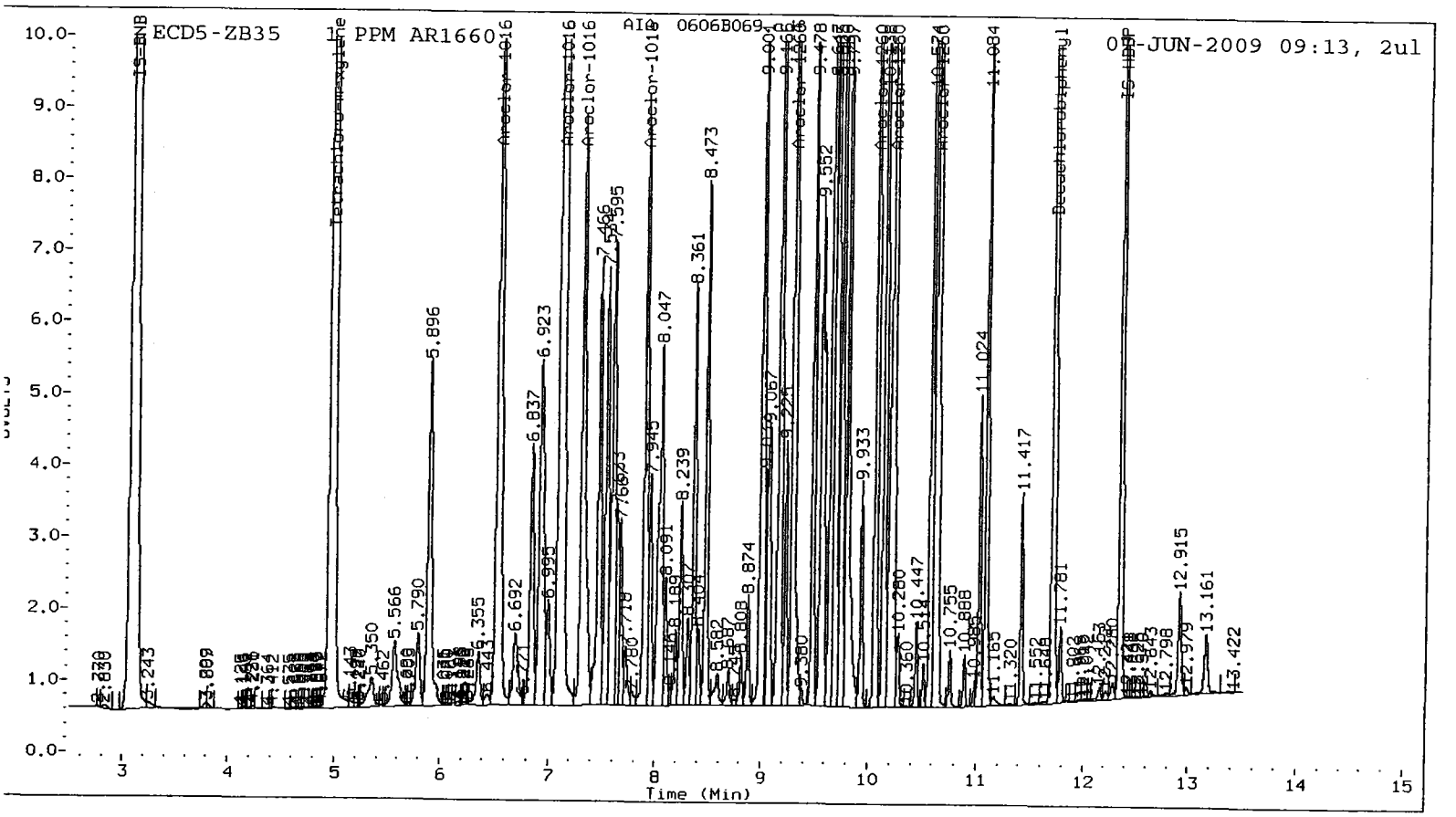
Time (Min)
IS-DNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B070.d
Data file 2: 20090606.B/ical-2.b/0606B070.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: 0.1 PPM AR1660
Client ID:
Injection Date: 07-JUN-2009 09:30
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	0.000	3296875	4.966	-0.001	3404406	8.4	7.9	5.6	Tetrachloro-m-xylene
11.060	0.000	2869327	11.707	0.000	2572309	8.0	7.8	2.2	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	21.0	19.8
Decachlorobiphenyl	20.0	19.6

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30012814	-0.1
Hexabromobiphenyl	12924817	13053340	1.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33204809	-0.2
Hexabromobiphenyl	11348053	11361303	0.1

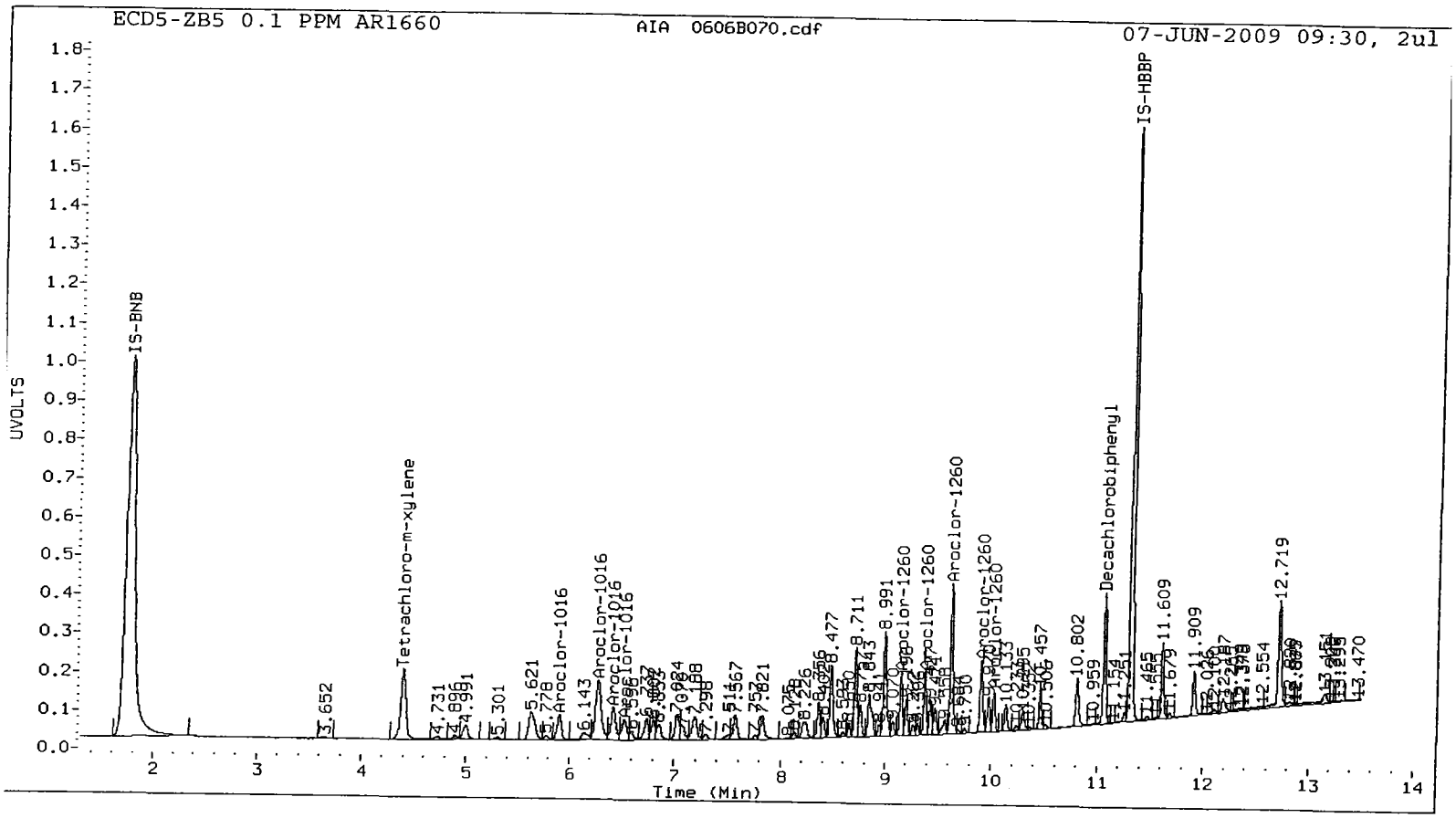
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.901	0.001	969143	106.8	1	6.534	0.001	1585248	104.8
Aroclor-1016	2	6.277	0.002	3064278	104.9	2	7.113	0.001	3223529	101.9
Aroclor-1016	3	6.420	0.002	1335777	107.0	3	7.310	0.001	1292384	104.7
Aroclor-1016	4	6.525	0.000	865265	108.2	4	7.896	0.001	991156	105.3
Total Col1Ave (4 peaks):					106.7	Total Col2Ave (4 peaks):				104.2 RPD = 2
Corrected Ave (3 peaks):					106.2	Corrected Ave (3 peaks):				103.8 RPD = 2
Aroclor-1260	1	9.148	0.000	1451474	103.6	1	9.291	0.001	2185693	102.4
Aroclor-1260	2	9.374	0.000	1382744	104.0	2	10.060	0.000	1389959	100.4
Aroclor-1260	3	9.620	0.000	3486480	103.2	3	10.218	0.000	3495953	98.3
Aroclor-1260	4	9.899	0.001	1808136	103.2	4	10.619	0.000	2013433	95.4
Aroclor-1260	5	10.020	-0.001	882347	103.2	NS	---			----
Total Col1Ave (5 peaks):					103.4	Total Col2Ave (4 peaks):				99.1 RPD = 4
Corrected Ave (4 peaks):					103.3	Corrected Ave (3 peaks):				98.0 RPD = 5

Total PCB Area Col1 (4.494 - 10.960) = 45730069 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 45894761 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical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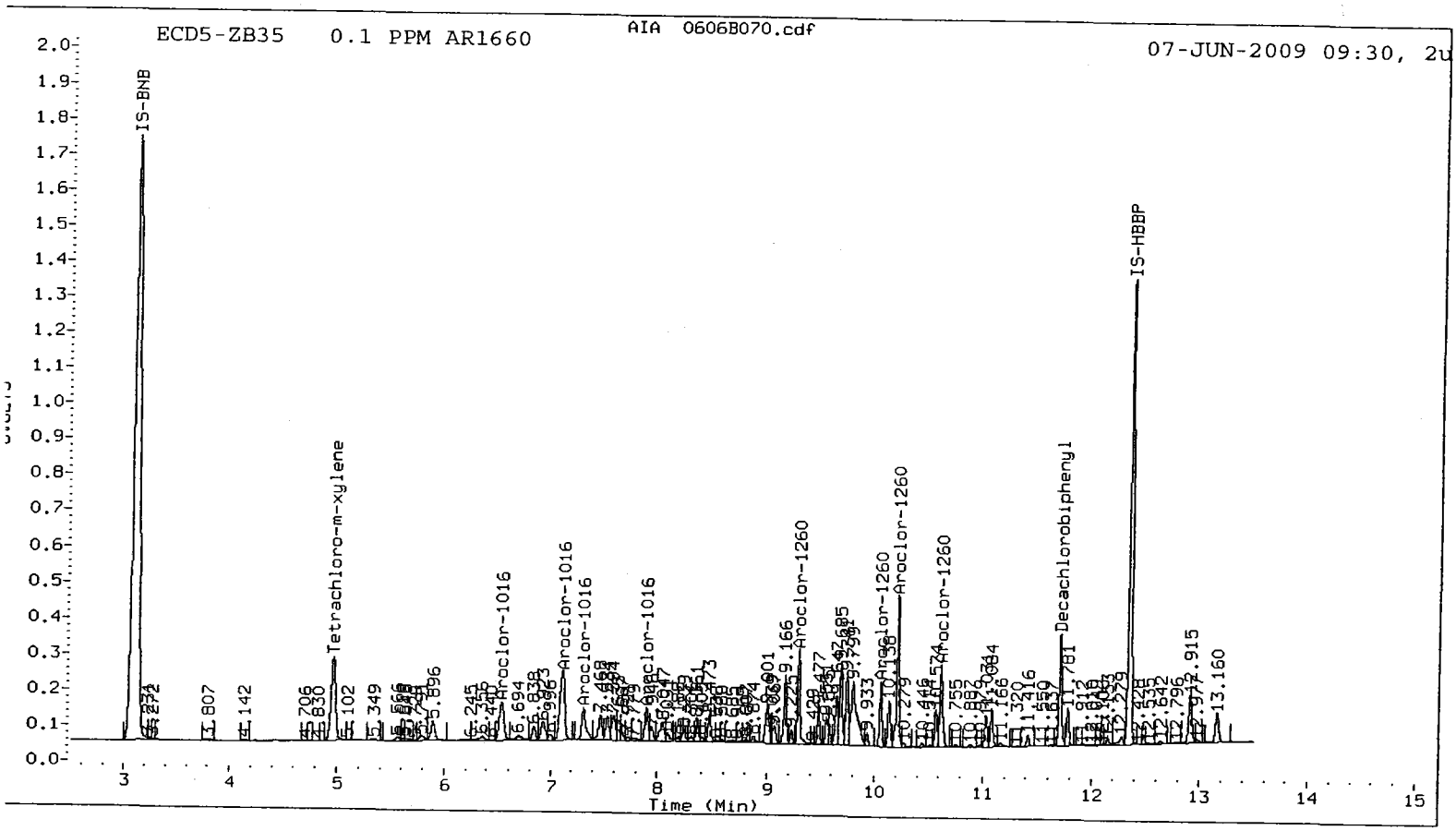
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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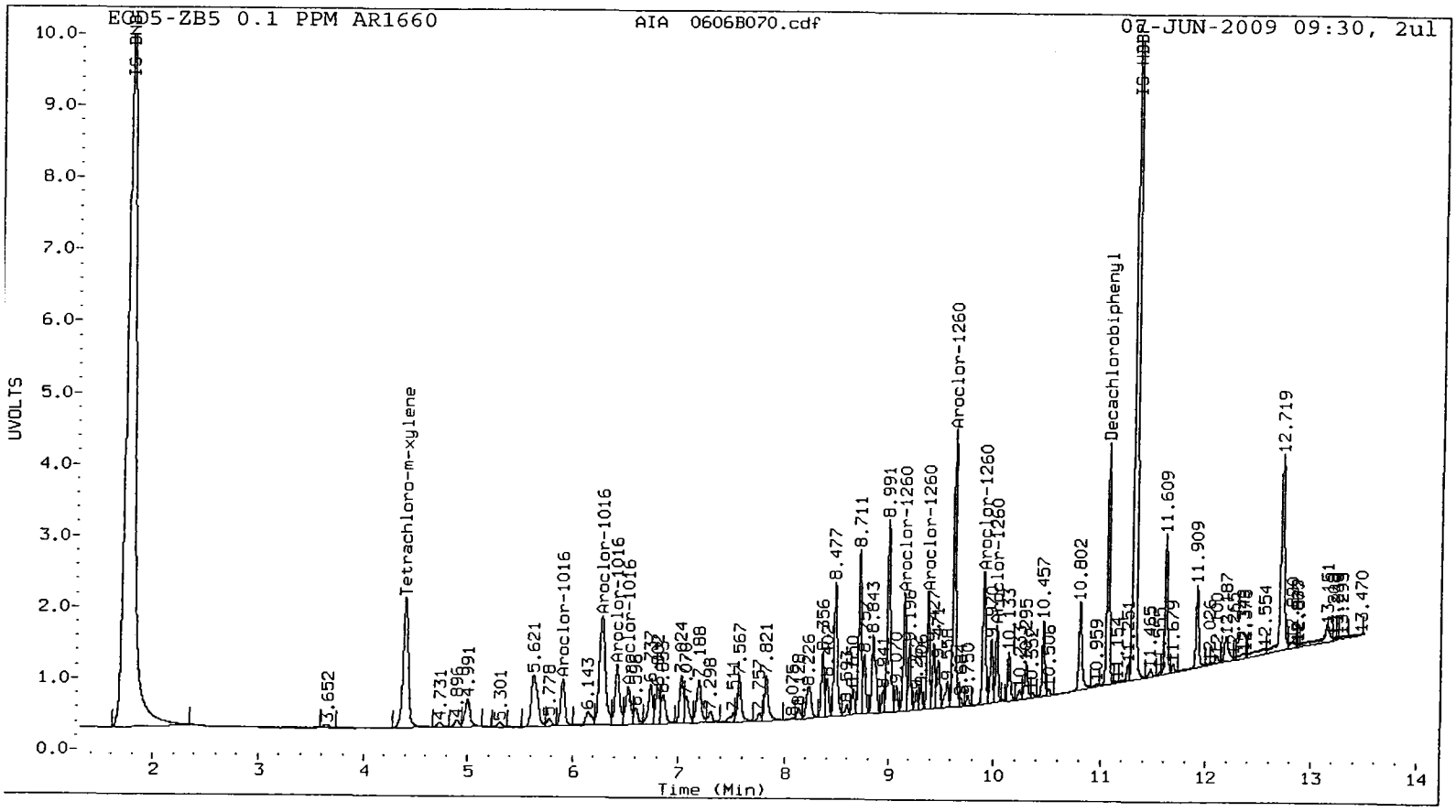
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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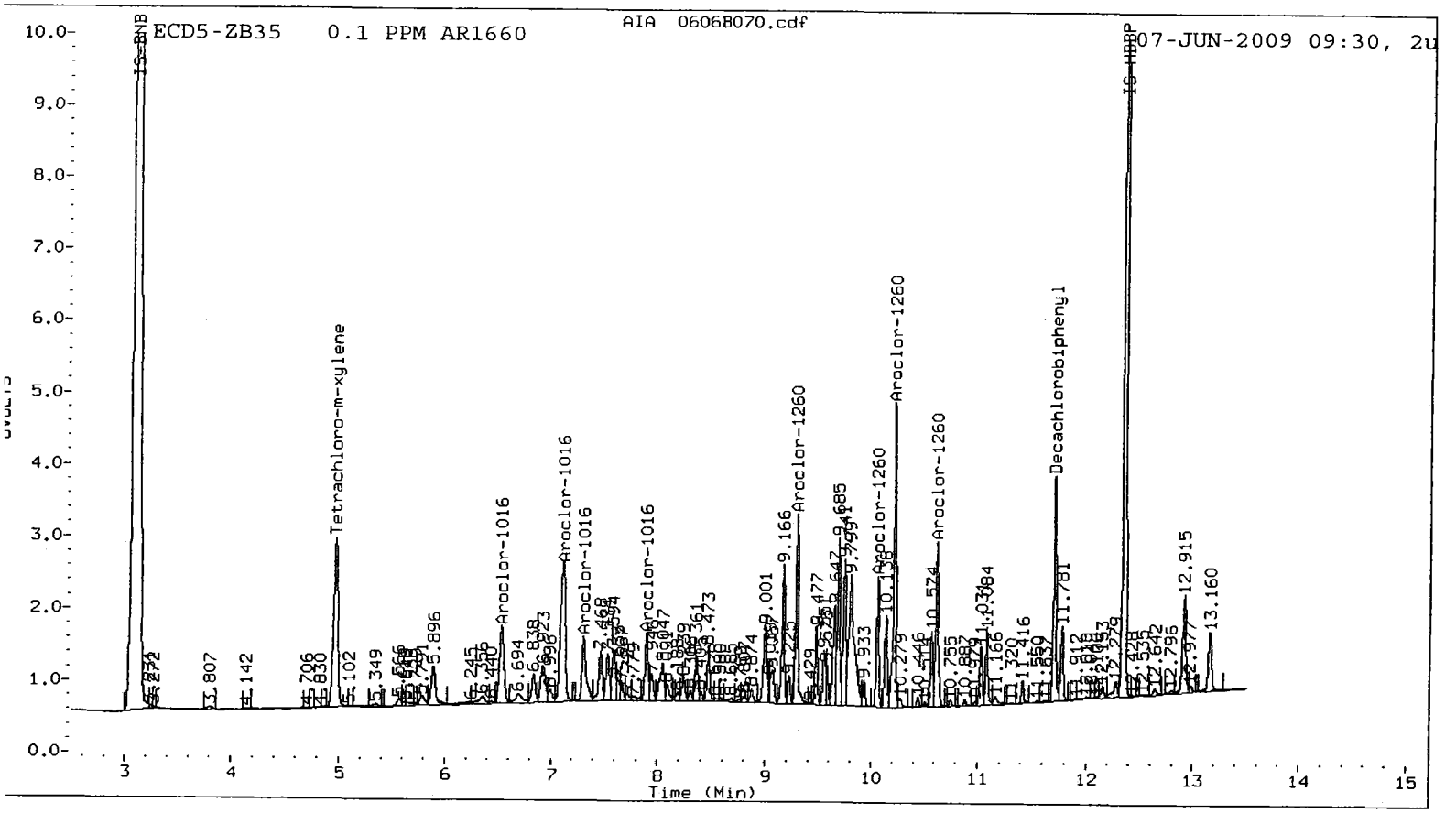
UVOLTS
Time (Min)
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl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07-JUN-2009 09:30, 2u
Time (Min)
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B071.d
Data file 2: 20090606.B/ical-2.b/0606B071.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: 0.5 PPM AR1660
Client ID:
Injection Date: 07-JUN-2009 09:48
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	Shift	Response	ZB35 Col RT	Shift	Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.393	-0.001	15207007	4.966	-0.001	16314610	38.7	38.0	1.9	Tetrachloro-m-xylene
11.059	-0.001	12588167	11.708	0.000	11535372	35.3	35.3	0.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	96.7	94.9
Decachlorobiphenyl	88.4	88.1

JR 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30019383	-0.1
Hexabromobiphenyl	12924817	12990089	0.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33251696	-0.1
Hexabromobiphenyl	11348053	11335962	-0.1

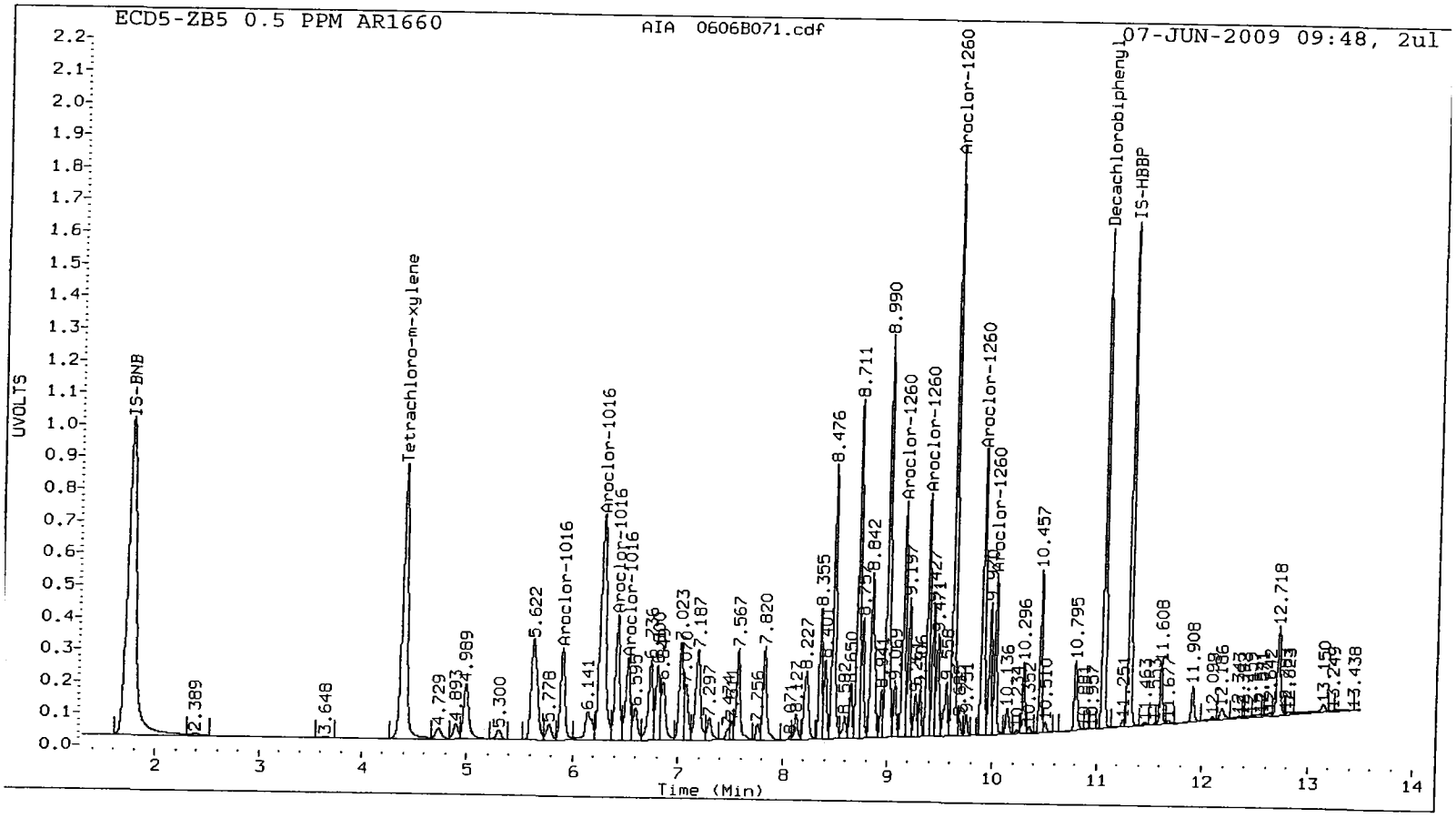
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	ZB5 Col Shift	Area	Amount	Peak#	RT	ZB35 Col Shift	Area	Amount
Aroclor-1016	1	5.900	0.000	4348153	478.9	1	6.533	0.000	7100423	468.7
Aroclor-1016	2	6.274	0.000	13805107	472.3	2	7.112	0.000	14608311	461.3
Aroclor-1016	3	6.418	0.000	5823348	466.5	3	7.309	0.000	5500669	445.2
Aroclor-1016	4	6.525	0.000	3990730	499.1	4	7.895	0.000	4409597	467.7
Total Col1Ave (4 peaks):				479.2		Total Col2Ave (4 peaks):			460.7	RPD = 4
Corrected Ave (3 peaks):				472.5		Corrected Ave (3 peaks):			458.0	RPD = 3
Aroclor-1260	1	9.147	0.000	6581984	471.9	1	9.290	0.000	10068175	472.7
Aroclor-1260	2	9.374	0.000	6328016	478.2	2	10.059	0.000	6459233	467.8
Aroclor-1260	3	9.620	0.000	16061789	477.6	3	10.219	0.000	16820449	474.2
Aroclor-1260	4	9.898	0.000	8325612	477.3	4	10.619	0.000	9617122	456.5
Aroclor-1260	5	10.021	0.000	4193122	492.7	NS	---			----
Total Col1Ave (5 peaks):				479.5		Total Col2Ave (4 peaks):			467.8	RPD = 2
Corrected Ave (4 peaks):				476.3		Corrected Ave (3 peaks):			465.7	RPD = 2

Total PCB Area Col1 (4.494 - 10.960) = 202282367 Col1 Total PCB = 0.9 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 189413272 Col2 Total PCB = 0.9 ppm*

* Quantitated against AR1660 0.25ppm in Ical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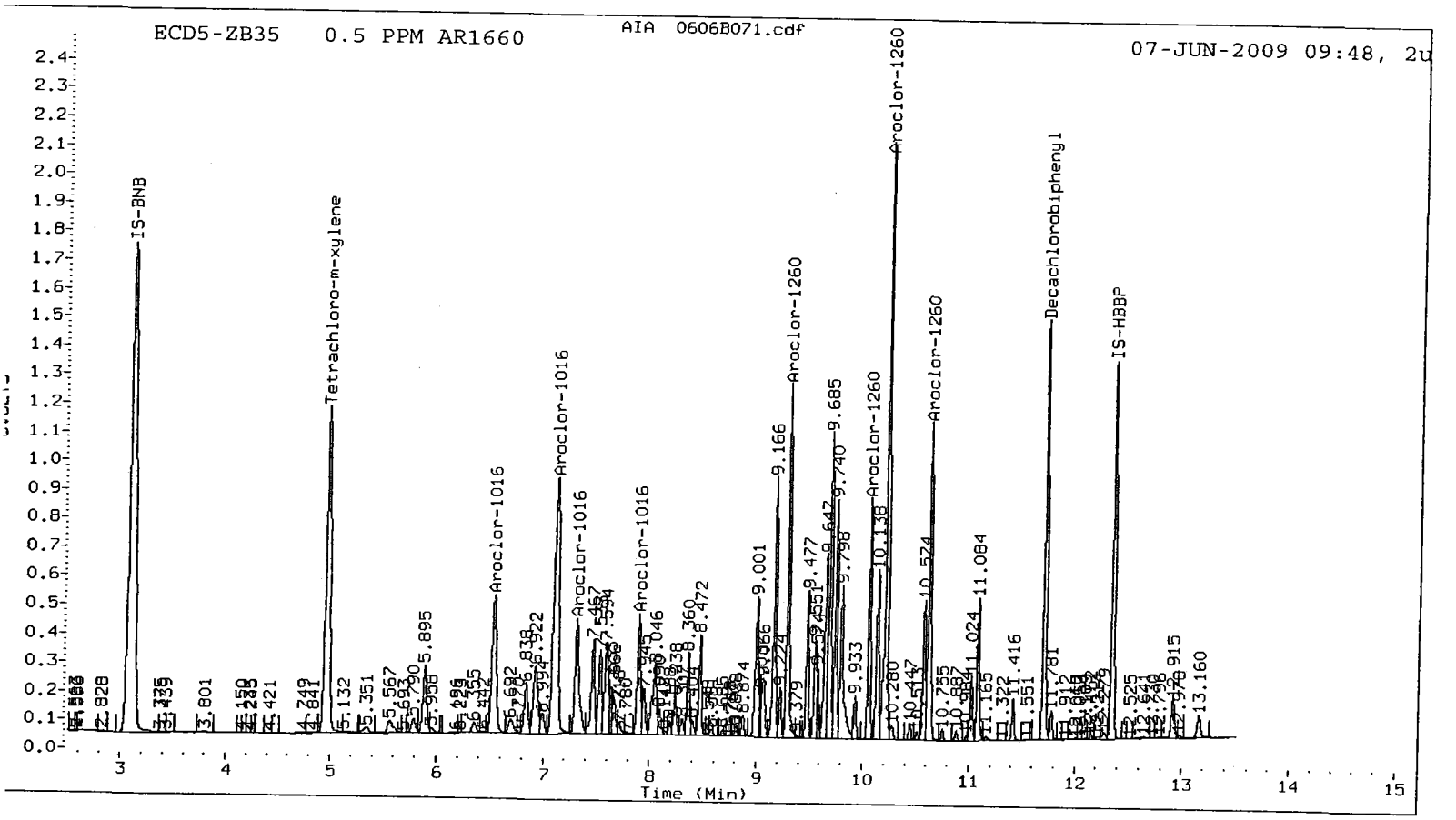
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP
Time (Min)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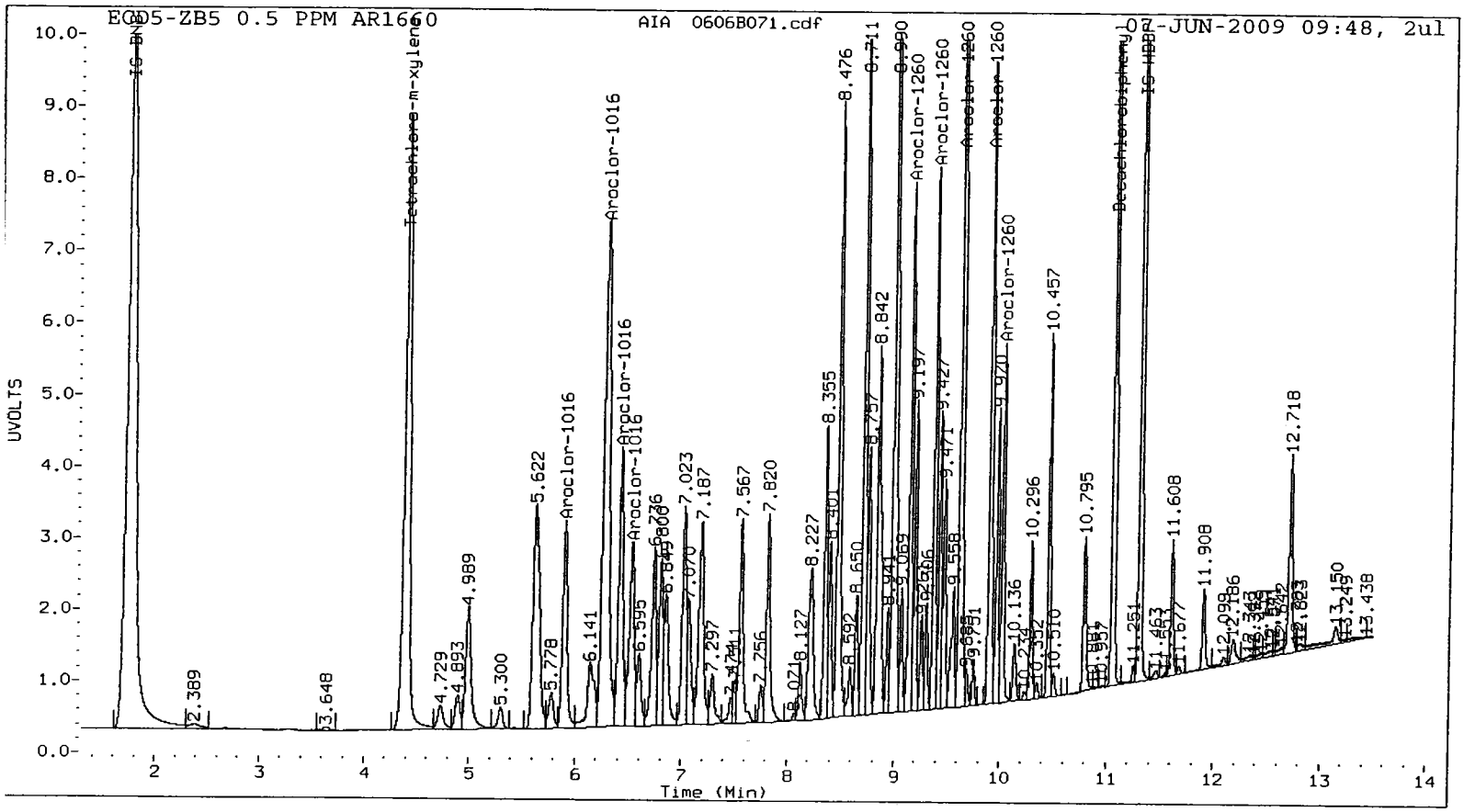
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP
Time (Min)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Tetrachloro-m-xylene
Aroclor-1016
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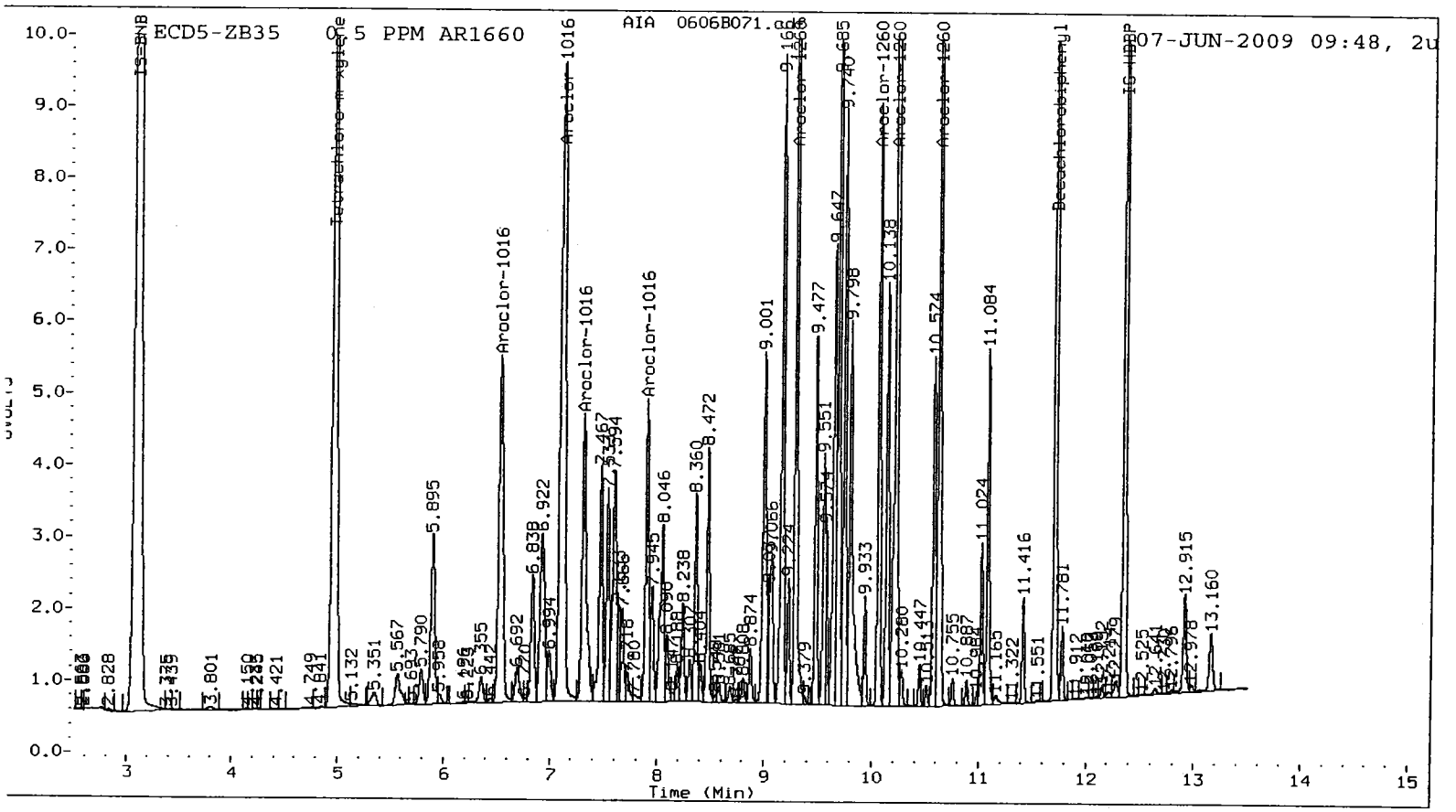
Decachlorobiphenyl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Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
IS-HBBP
Decachlorobiphenyl

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B072.d
Data file 2: 20090606.B/ical-2.b/0606B072.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660 ICV
Client ID:
Injection Date: 07-JUN-2009 10:05
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	0.001	8298279	4.968	0.001	8809930	21.1	20.5	2.5	Tetrachloro-m-xylene
11.059	-0.001	7029732	11.708	0.000	6293224	19.5	19.2	1.7	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	52.7	51.4
Decachlorobiphenyl	48.7	47.9

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30086173	0.2
Hexabromobiphenyl	12924817	13150790	1.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33173937	-0.3
Hexabromobiphenyl	11348053	11376607	0.3

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

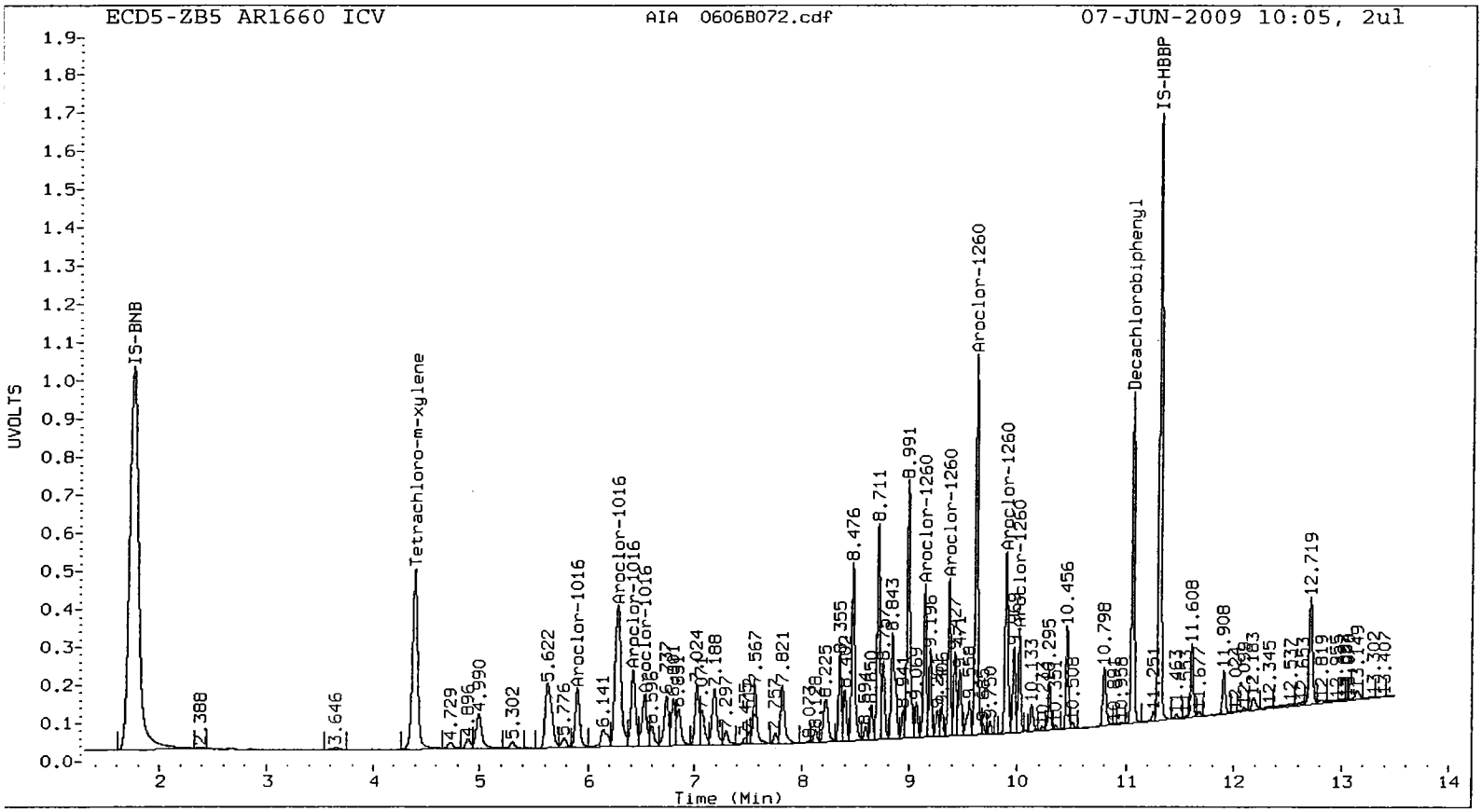
Aroclor	Peak#	RT	ZB5 Col Shift	Area	Amount	Peak#	RT	ZB35 Col Shift	Area	Amount
Aroclor-1016	1	5.901	0.001	2323844	255.4	1	6.534	0.001	3759801	248.8
Aroclor-1016	2	6.276	0.001	7314844	249.7	2	7.113	0.001	7748920	245.2
Aroclor-1016	3	6.419	0.001	3148539	251.6	3	7.310	0.001	3008238	244.0
Aroclor-1016	4	6.525	0.000	2085642	260.3	4	7.896	0.001	2342611	249.0
Total Col1Ave (4 peaks):				254.2		Total Col2Ave (4 peaks):			246.8	RPD = 3
Corrected Ave (3 peaks):				252.2		Corrected Ave (3 peaks):			246.0	RPD = 2
Aroclor-1260	1	9.147	0.000	3573181	253.1	1	9.291	0.000	5295032	247.7
Aroclor-1260	2	9.374	0.000	3413135	254.8	2	10.059	0.000	3419509	246.8
Aroclor-1260	3	9.620	0.000	8687821	255.2	3	10.219	0.000	8804581	247.3
Aroclor-1260	4	9.899	0.001	4484791	254.0	4	10.619	0.000	5072413	239.9
Aroclor-1260	5	10.020	0.000	2228499	258.6	NS	---			----
Total Col1Ave (5 peaks):				255.1		Total Col2Ave (4 peaks):			245.4	RPD = 4
Corrected Ave (4 peaks):				254.2		Corrected Ave (3 peaks):			244.7	RPD = 4

✓ ✓

Total PCB Area Col1 (4.494 - 10.960) = 109259480 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 103565397 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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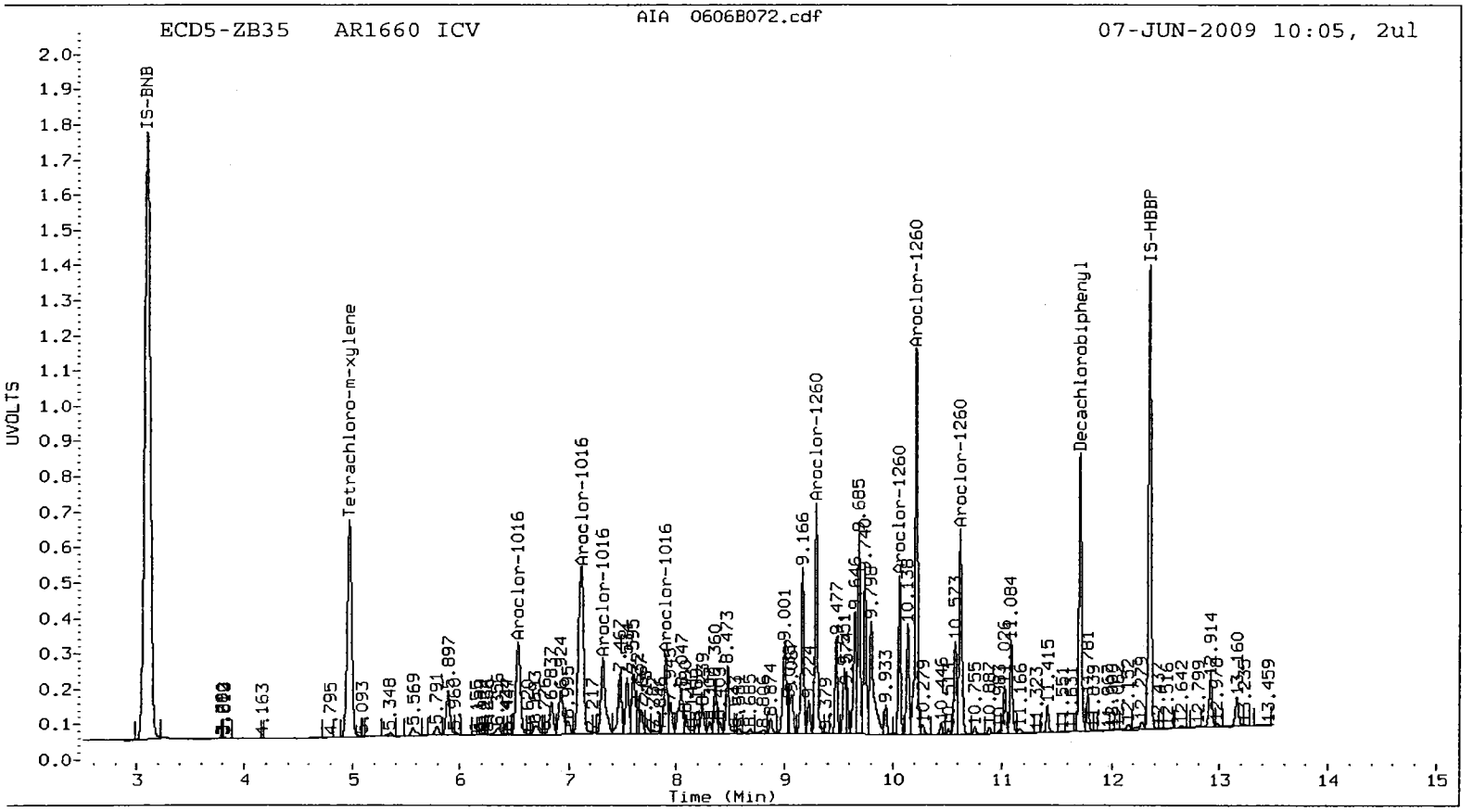
AIA 0606B072.cdf
07-JUN-2009 10:05, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
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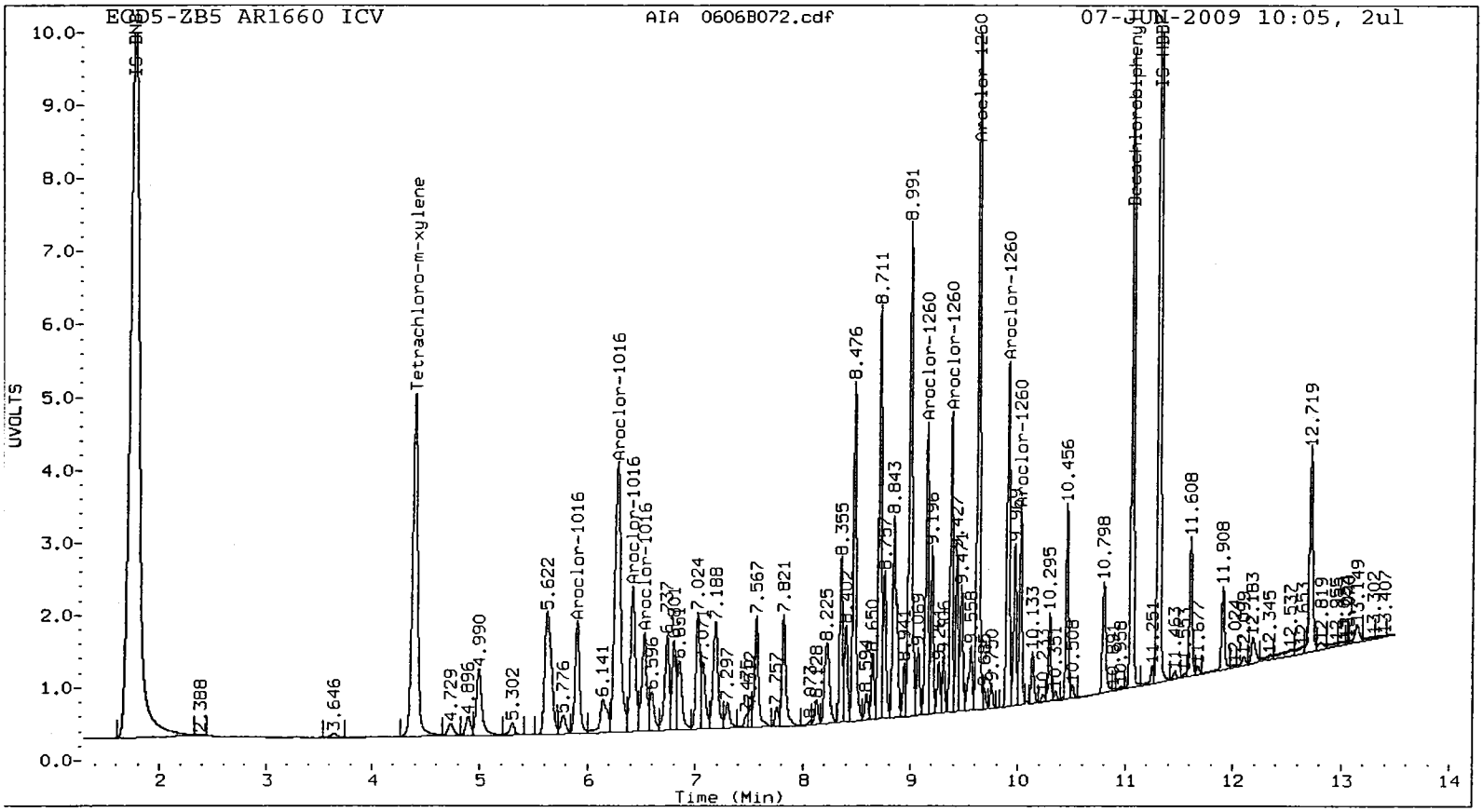
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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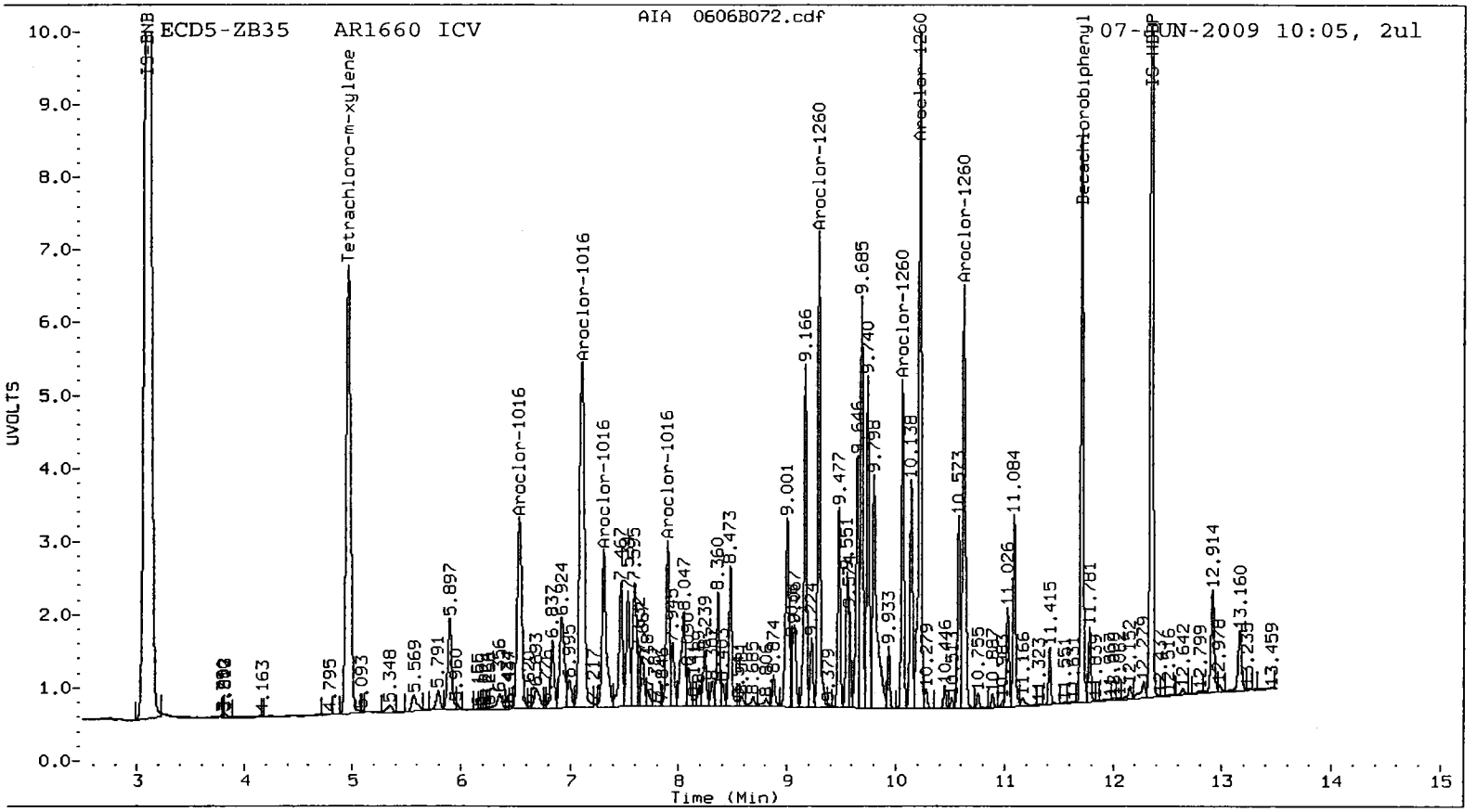
07-JUN-2009 10:05, 2ul
UVOLTS
Time (Min)
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl


ECD5-ZB35 AR1660 ICV
AIA 0606B072.cdf
07-JUN-2009 10:05, 2ul
UVOLTS
Time (Min)
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B073.d
Data file 2: 20090606.B/ical-2.b/0606B073.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1242
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1242
Client ID:
Injection Date: 07-JUN-2009 10:22
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.394	0.001	9218423	4.966	-0.001	9879550	23.3	23.0	1.7	Tetrachloro-m-xylene
11.059	-0.001	7742000	11.708	0.000	6878210	21.5	20.9	2.8	Decachlorobiphenyl

* Indicates RPD > 40%
1 Indicates Column 1 peak was manually integrated
J Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	58.4	57.4
Decachlorobiphenyl	53.7	52.2

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30167469	0.4
Hexabromobiphenyl	12924817	13147198	1.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33295484	0.1
Hexabromobiphenyl	11348053	11411072	0.6

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	ZB5 Col Peak#	RT	Shift	Area	Amount	ZB35 Col Peak#	RT	Shift	Area	Amount
Aroclor-1242	1	5.902	0.000	2218845	250.0	1	6.534	0.000	3604311	250.0
Aroclor-1242	2	6.276	0.000	7073298	250.0	2	7.113	0.000	7400611	250.0
Aroclor-1242	3	6.419	0.000	3082148	250.0	3	7.310	0.000	2823831	250.0
Aroclor-1242	4	7.511	0.000	2433882	250.0	4	8.188	0.000	1285226	250.0

Total Col1Ave (4 peaks): 250.0 Total Col2Ave (4 peaks): 250.0 RPD = 0

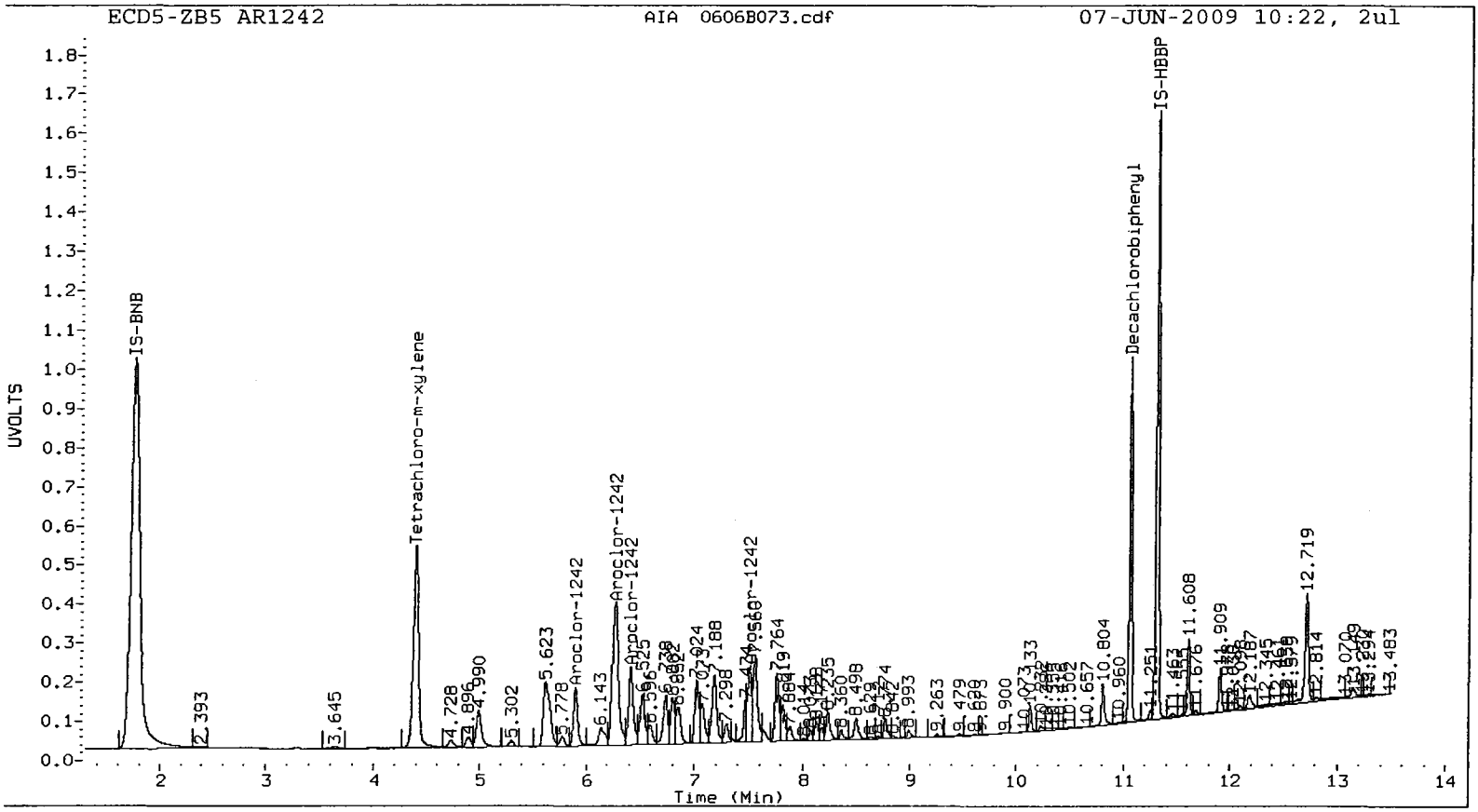
Corrected Ave (3 peaks): 250.0 ✓ Corrected Ave (3 peaks): 250.0 ✓ RPD = 0

Total PCB Area Col1 (4.494 - 10.960) = 51422514 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 52889349 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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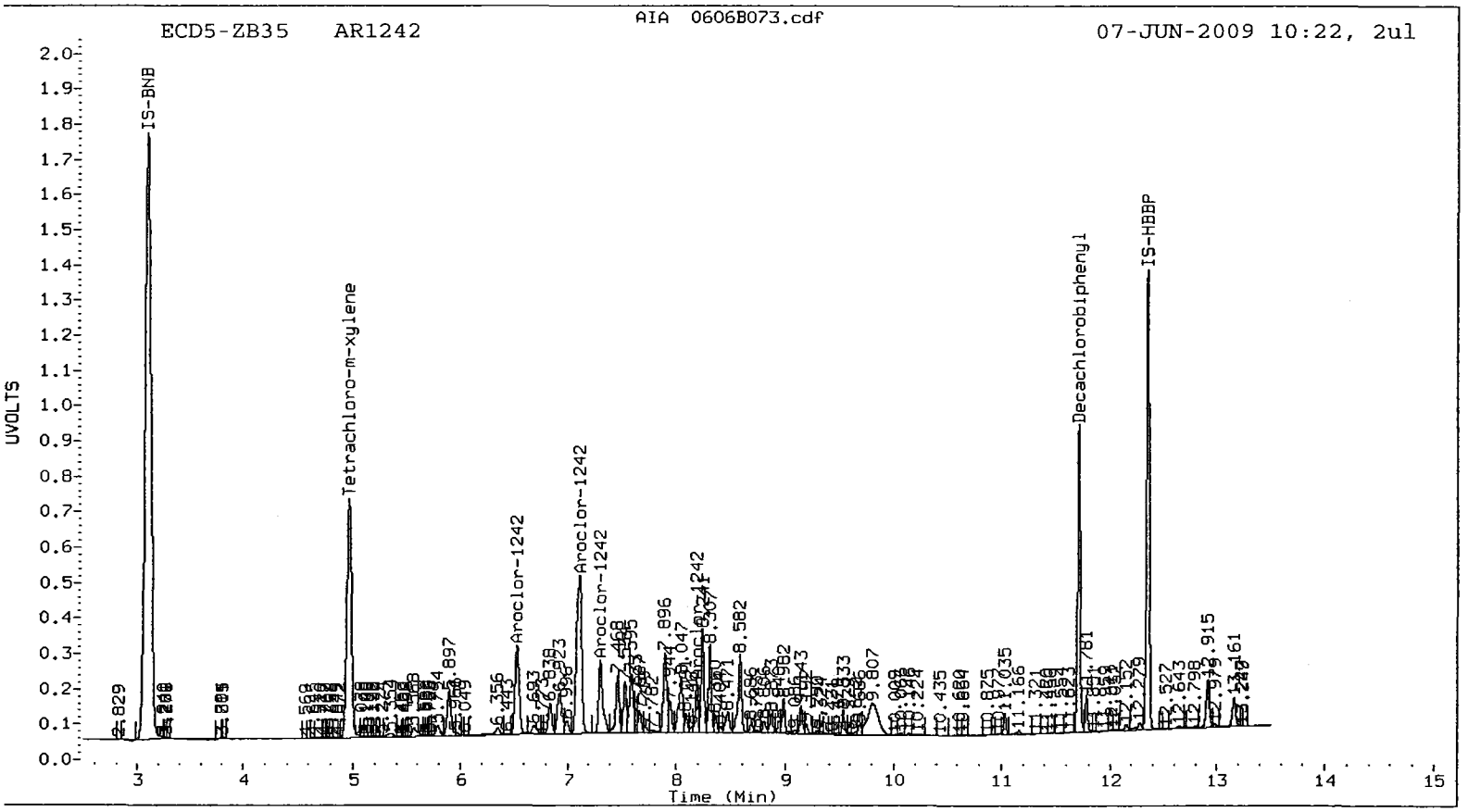
AIA 0606B073.cdf
07-JUN-2009 10:22, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1242
Aroclor-1242
Aroclor-1242
Aroclor-1242
Decachlorobiphenyl
IS-HBBP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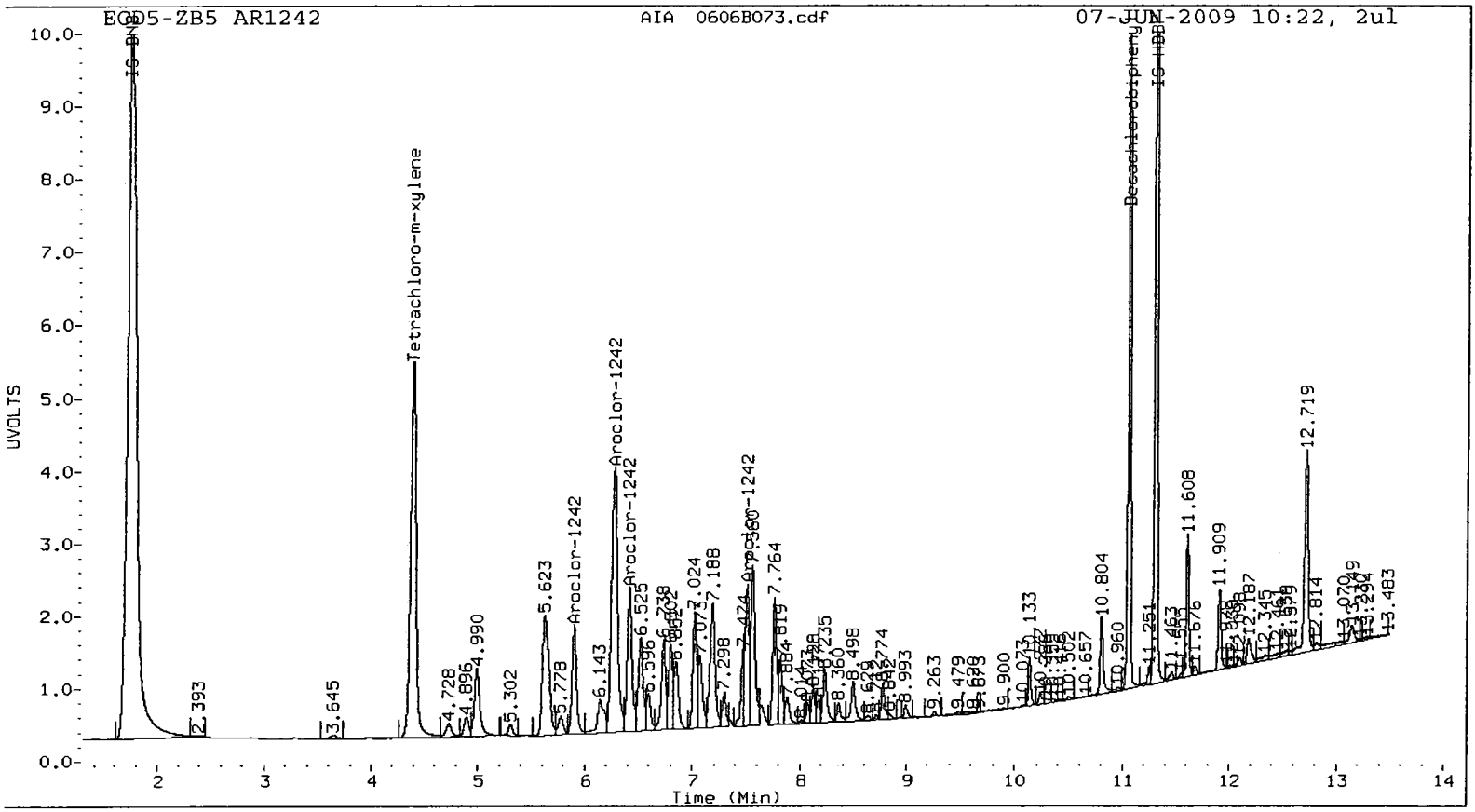
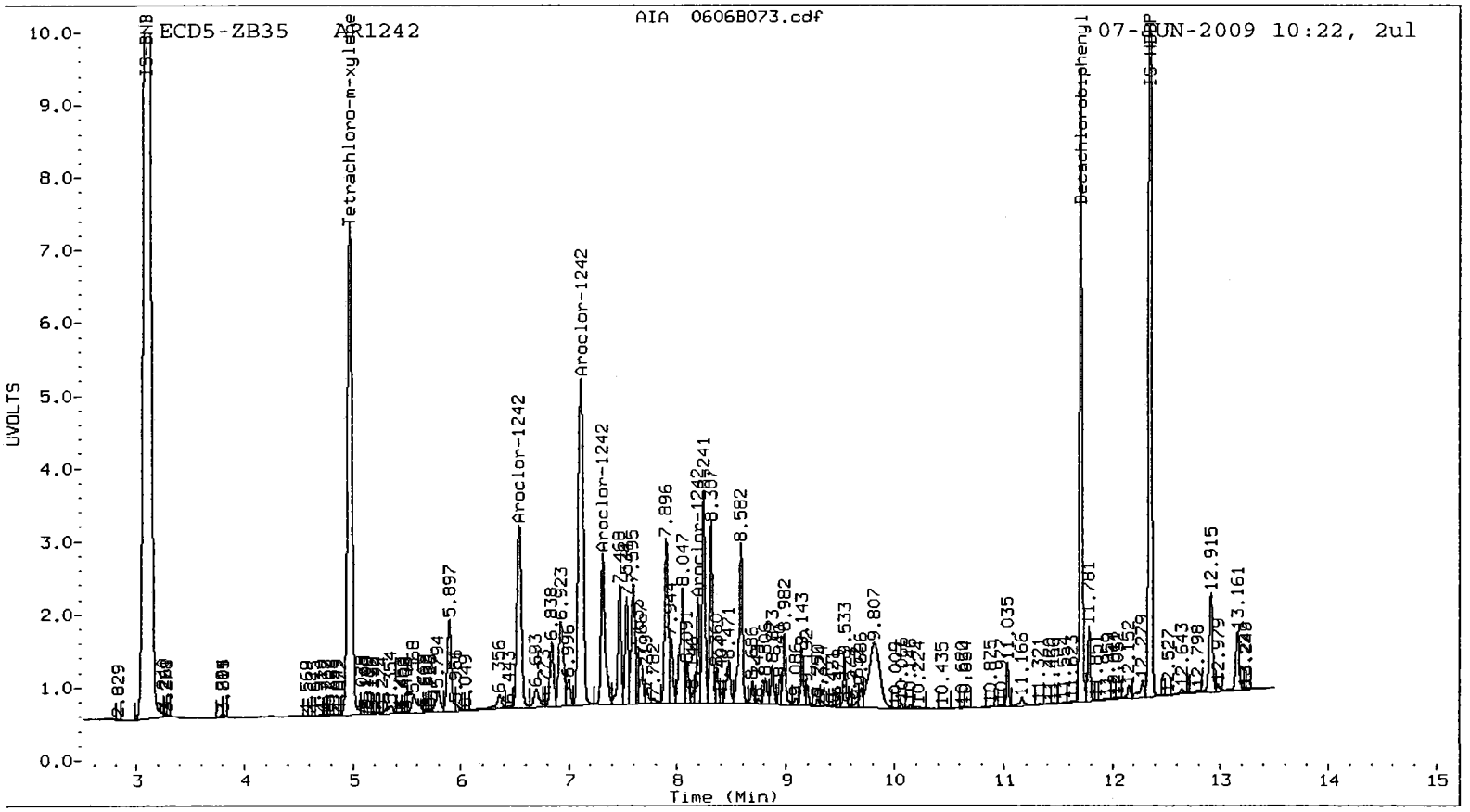
AIA 0606B073.cdf
07-JUN-2009 10:22, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1242
Aroclor-1242
Aroclor-1242
Decachlorobiphenyl
IS-HBBP


ECD5-ZB5 AR1242
AIA 0606B073.cdf
07-JUN-2009 10:22, 2ul
UVOLTS
Time (Min)
IS-DNB
Tetrachloro-m-xylene
Aroclor-1242
Decachlorobiphenyl
IS-HBB


ECD5-ZB35 AR1242
AIA 0606B073.cdf
07-JUN-2009 10:22, 2ul
UVOLTS
Time (Min)
IS-DNB
Tetrachloro-m-xylene
Aroclor-1242
Decachlorobiphenyl
IS-HBB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B074.d
Data file 2: 20090606.B/ical-2.b/0606B074.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1248
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1248
Client ID:
Injection Date: 07-JUN-2009 10:39
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	0.001	9329674	4.969	0.001	10376371	23.5	23.9	1.6	Tetrachloro-m-xylene
11.059	-0.001	7929996	11.707	0.000	7099260	21.9	21.5	1.9	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	58.8	59.8
Decachlorobiphenyl	54.8	53.8

JK 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30307679	0.9
Hexabromobiphenyl	12924817	13195695	2.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33578987	0.9
Hexabromobiphenyl	11348053	11440312	0.8

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	Shift	ZB5 Col Area	Amount	Peak#	RT	Shift	ZB35 Col Area	Amount
Aroclor-1248	1	6.273	0.000	4380440	250.0	1	7.107	0.000	4681496	250.0
Aroclor-1248	2	6.736	0.000	2866037	250.0	2	7.534	0.000	2693731	250.0
Aroclor-1248	3	7.024	0.000	3348118	250.0	3	7.896	0.000	3515330	250.0
Aroclor-1248	4	7.561	0.000	5361906	250.0	4	8.242	0.000	4567332	250.0

Total Col1Ave (4 peaks): 250.0 Total Col2Ave (4 peaks): 250.0 RPD = 0

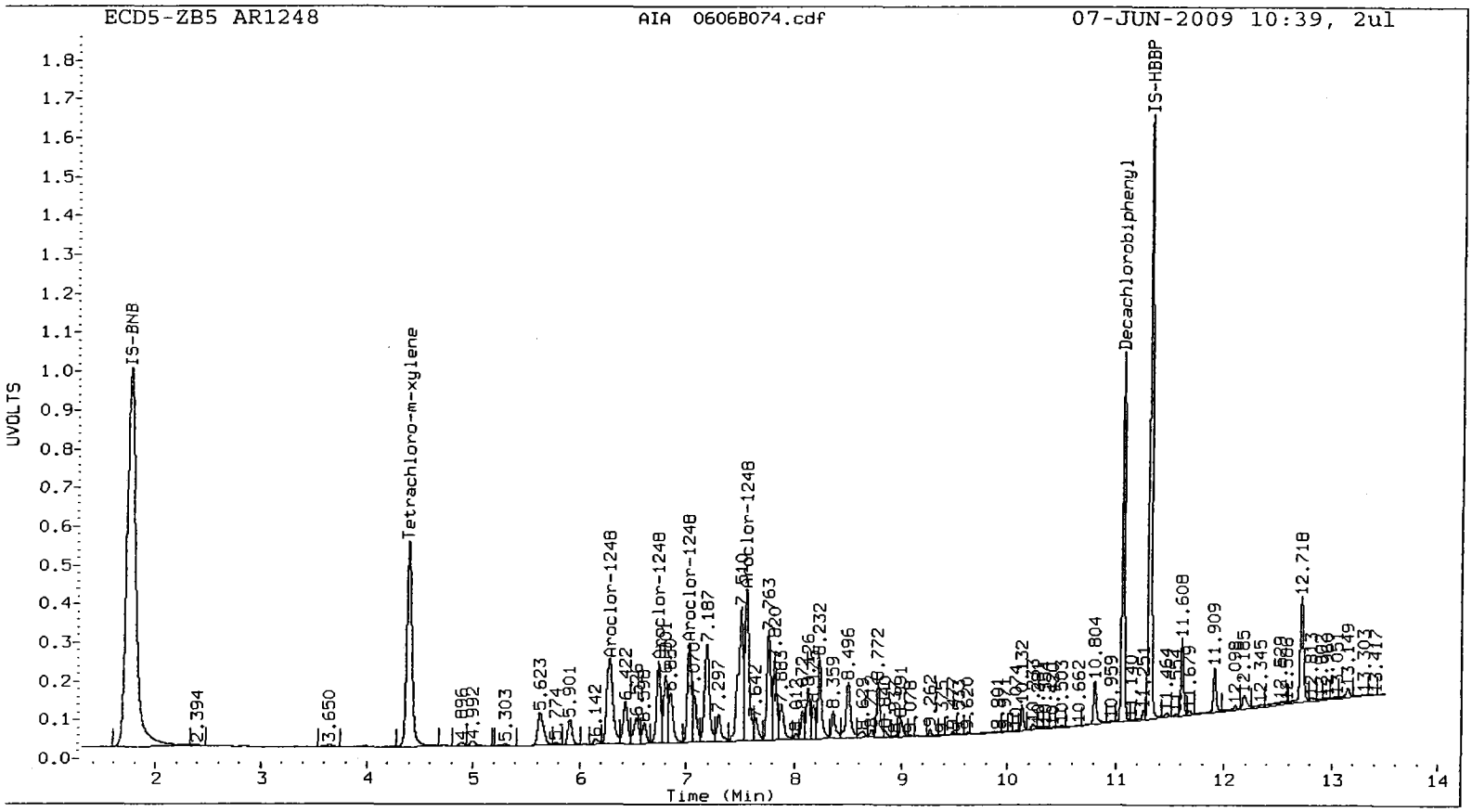
Corrected Ave (3 peaks): 250.0 Corrected Ave (3 peaks): 250.0 RPD = 0

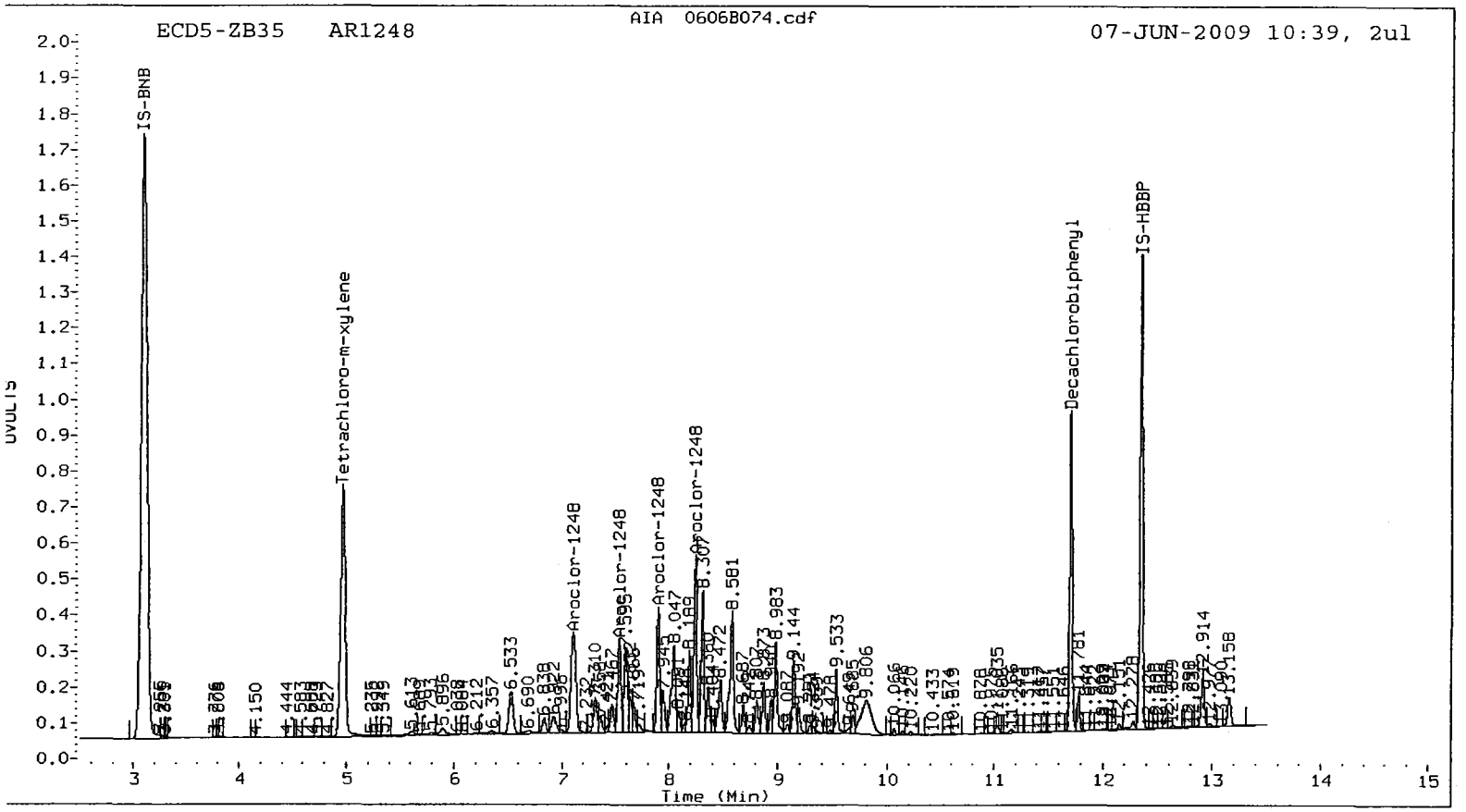
Total PCB Area Col1 (4.494 - 10.960) = 61461258 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 61653792 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.


ECD5-ZB5 AR1248
AIA 0606B074.cdf
07-JUN-2009 10:39, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBBP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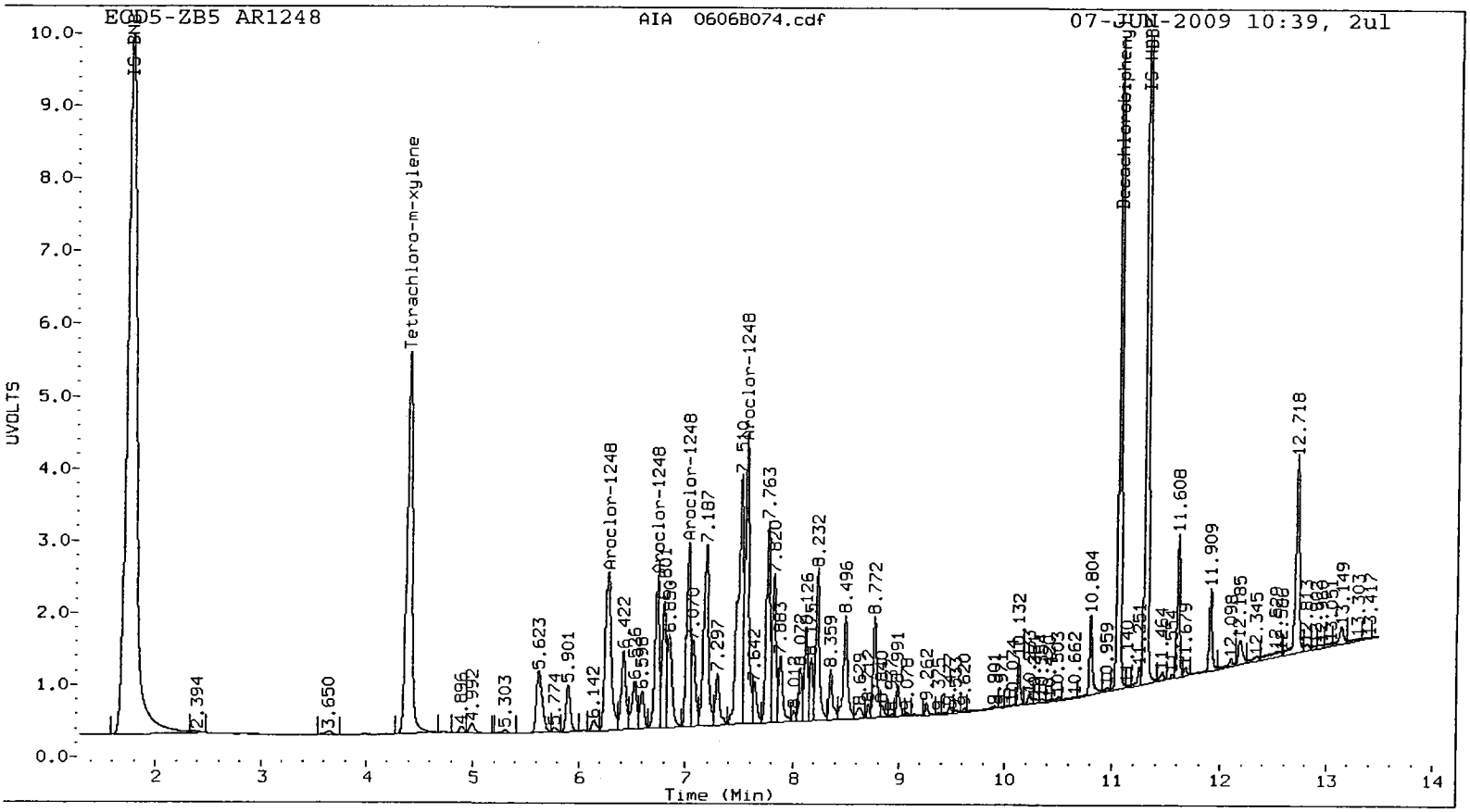
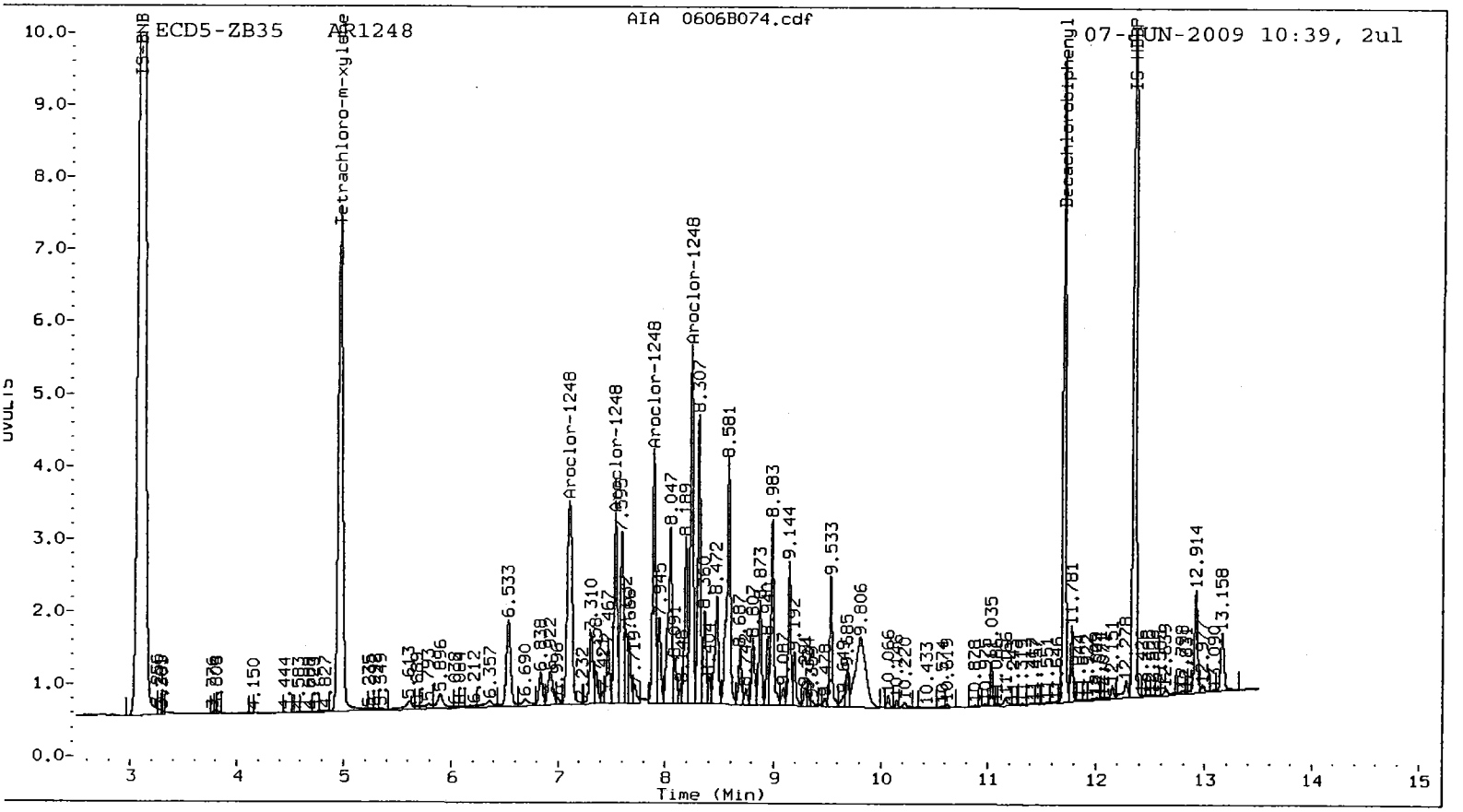
AIA 0606B074.cdf
07-JUN-2009 10:39, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBBP


ECD5-ZB5 AR1248
AIA 0606B074.cdf
07-JUN-2009 10:39, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBBP


ECD5-ZB35 AR1248
AIA 0606B074.cdf
07-JUN-2009 10:39, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBBP

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B075.d
Data file 2: 20090606.B/ical-2.b/0606B075.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1254
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1254
Client ID:
Injection Date: 07-JUN-2009 10:56
Report Date: 06/08/2009 11:31
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.394	0.001	8363208	4.968	0.000	9156548	21.2	21.2	0.3	Tetrachloro-m-xylene
11.059	-0.001	7153046	11.707	0.000	6443509	19.7	19.4	1.7	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	53.0	52.9
Decachlorobiphenyl	49.3	48.4

JR 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30117529	0.3
Hexabromobiphenyl	12924817	13234814	2.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33481987	0.6
Hexabromobiphenyl	11348053	11520226	1.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

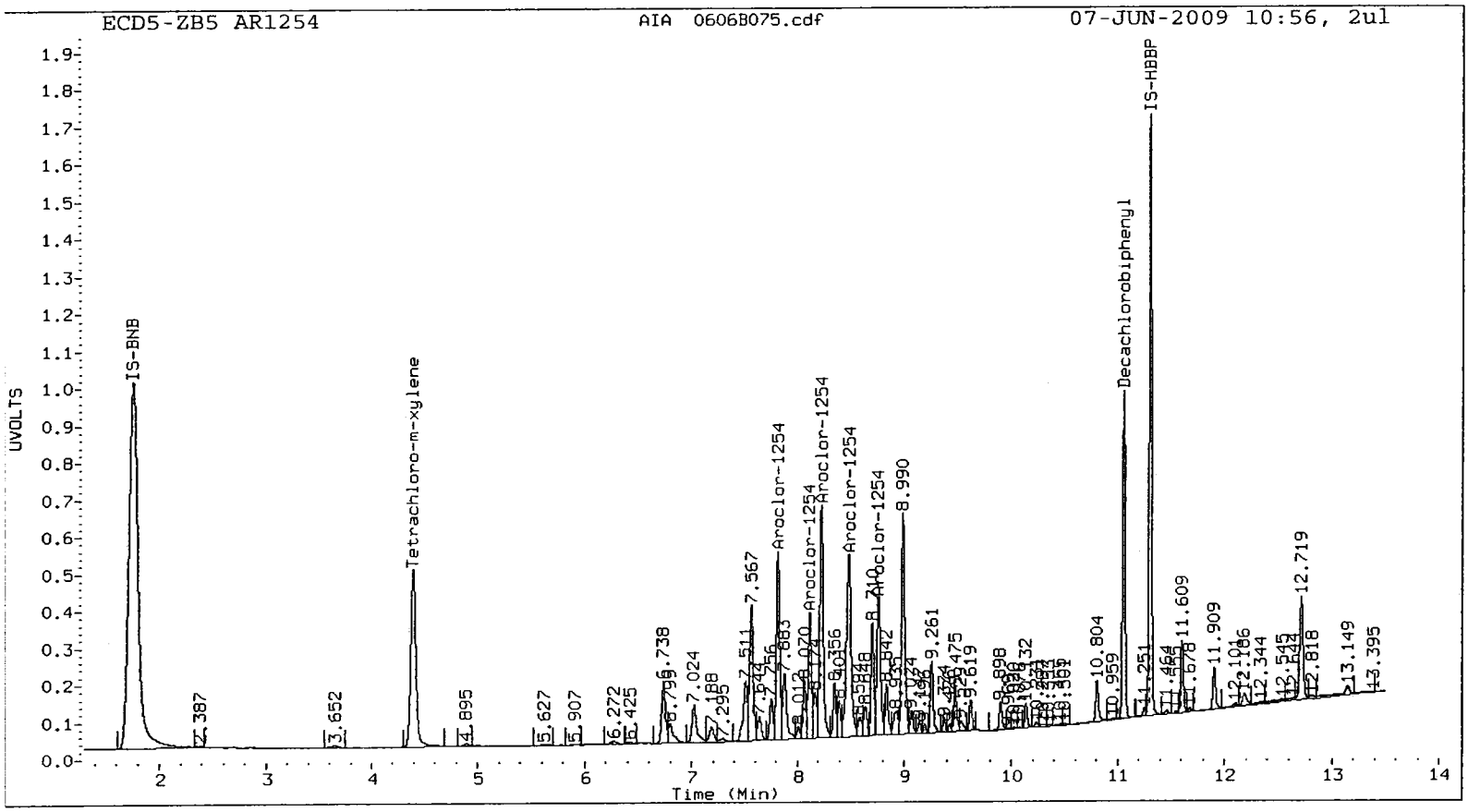
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1254	1	7.820	0.000	5883612	250.0	1	8.472	0.000	4834390	250.0
Aroclor-1254	2	8.125	0.000	3792406	250.0	2	8.873	0.000	3174589	250.0
Aroclor-1254	3	8.230	0.000	7190571	250.0	3	8.984	0.000	6363858	250.0
Aroclor-1254	4	8.492	0.000	7547806	250.0	4	9.144	0.000	7376838	250.0
Aroclor-1254	5	8.765	0.000	4544825	250.0	5	9.535	0.000	4327718	250.0
Total Col1Ave (5 peaks):					250.0	Total Col2Ave (5 peaks):				250.0 RPD = 0
Corrected Ave (4 peaks):					250.0	Corrected Ave (4 peaks):				250.0 RPD = 0

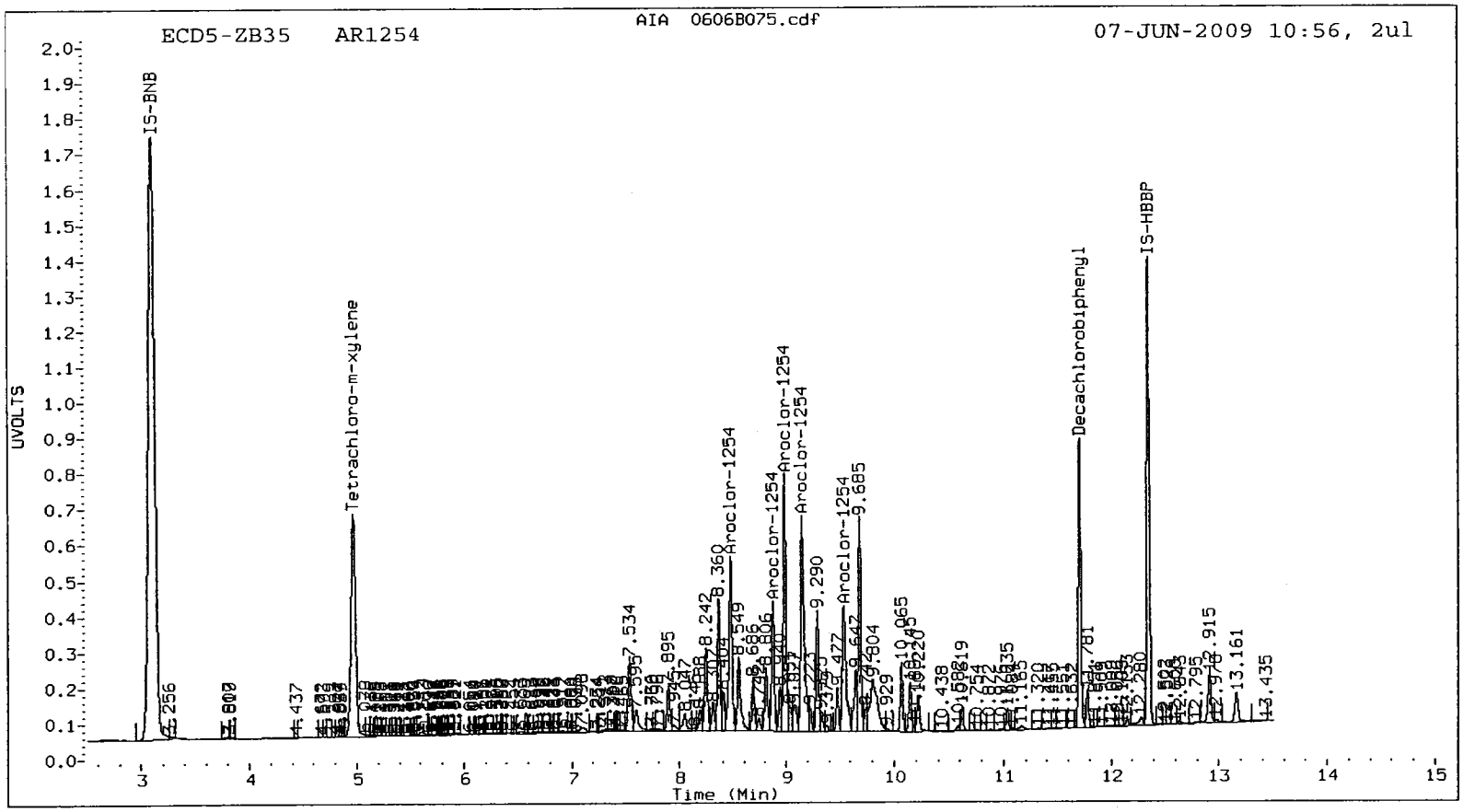
Total PCB Area Col1 (4.494 - 10.960) = 72917486 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 69813151 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.


ECD5-ZB5 AR1254
AIA 0606B075.cdf
07-JUN-2009 10:56, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Aroclor-1254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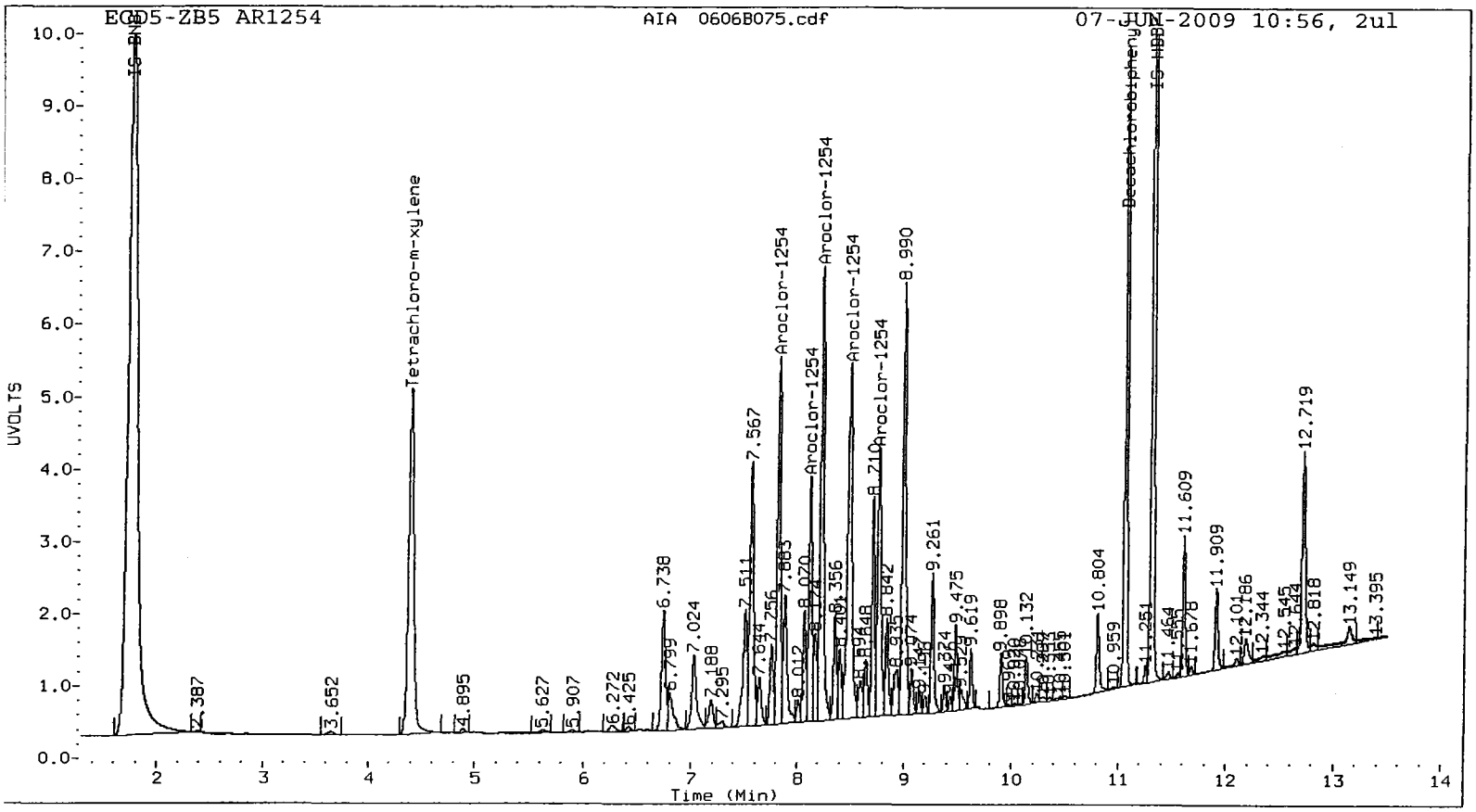
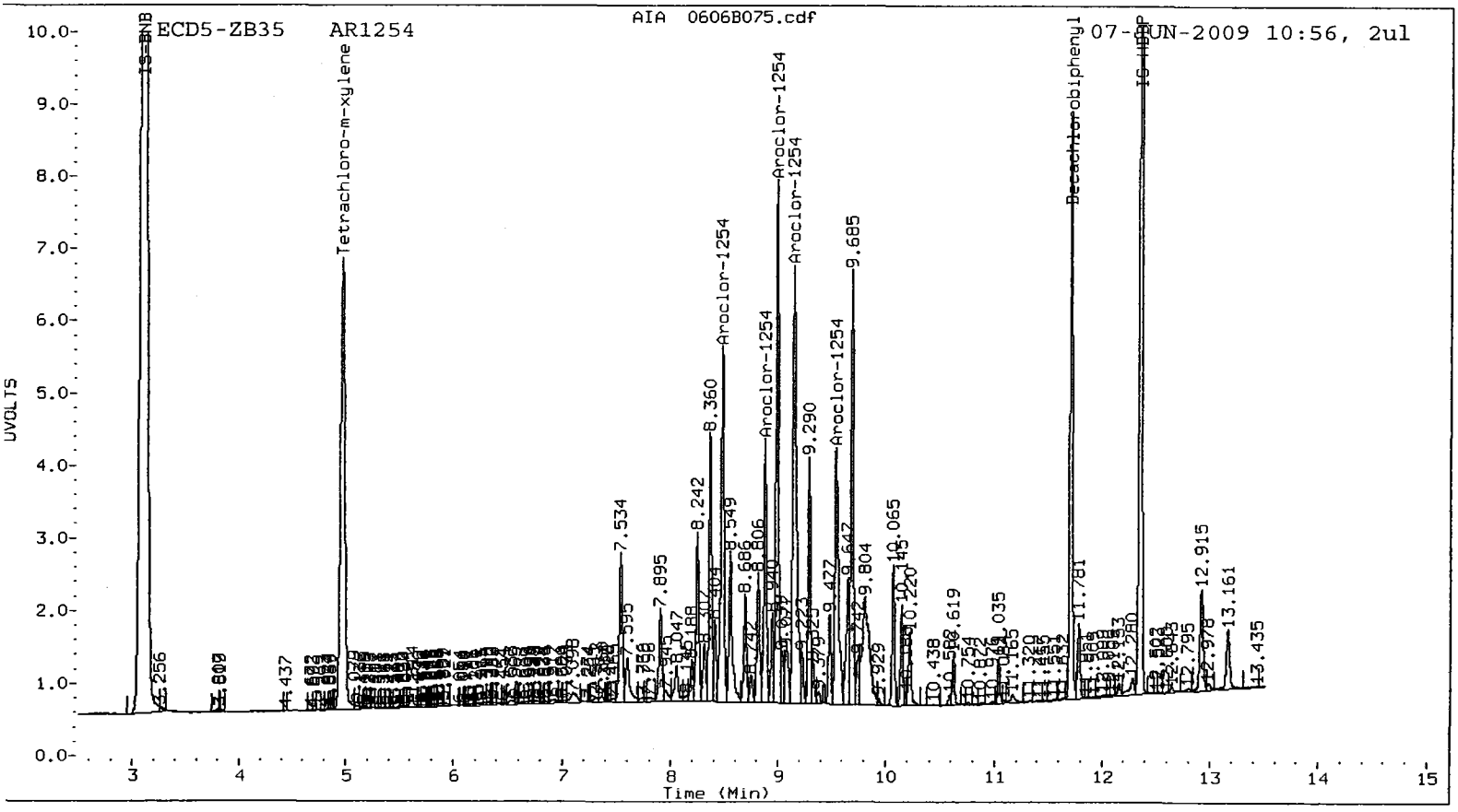
AIA 0606B075.cdf
07-JUN-2009 10:56, 2ul
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Decachlorobiphenyl
IS-HBBP
Aroclor-1254


ECD5-ZB5 AR1254
AIA 0606B075.cdf
07-JUN-2009 10:56, 2ul
IS-HBB
Decachlorobiphenyl
Tetrachloro-m-xylene
Aroclor-1254
UVOLTS
Time (Min)


ECD5-ZB35 AR1254
AIA 0606B075.cdf
07-JUN-2009 10:56, 2ul
IS-BNB
IS-HBB
Decachlorobiphenyl
Tetrachloro-m-xylene
Aroclor-1254
UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B076.d
Data file 2: 20090606.B/ical-2.b/0606B076.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR2162
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR2162
Client ID:
Injection Date: 07-JUN-2009 11:13
Report Date: 06/08/2009 11:32
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	0.001	9611240	4.967	0.000	9601198	24.3	22.2	9.2	Tetrachloro-m-xylene
11.059	-0.001	7316875	11.707	0.000	6634665	20.4	20.2	1.1	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	60.9	55.5
Decachlorobiphenyl	51.0	50.4

06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30155380	0.4
Hexabromobiphenyl	12924817	13091416	1.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	33453094	0.5
Hexabromobiphenyl	11348053	11405896	0.5

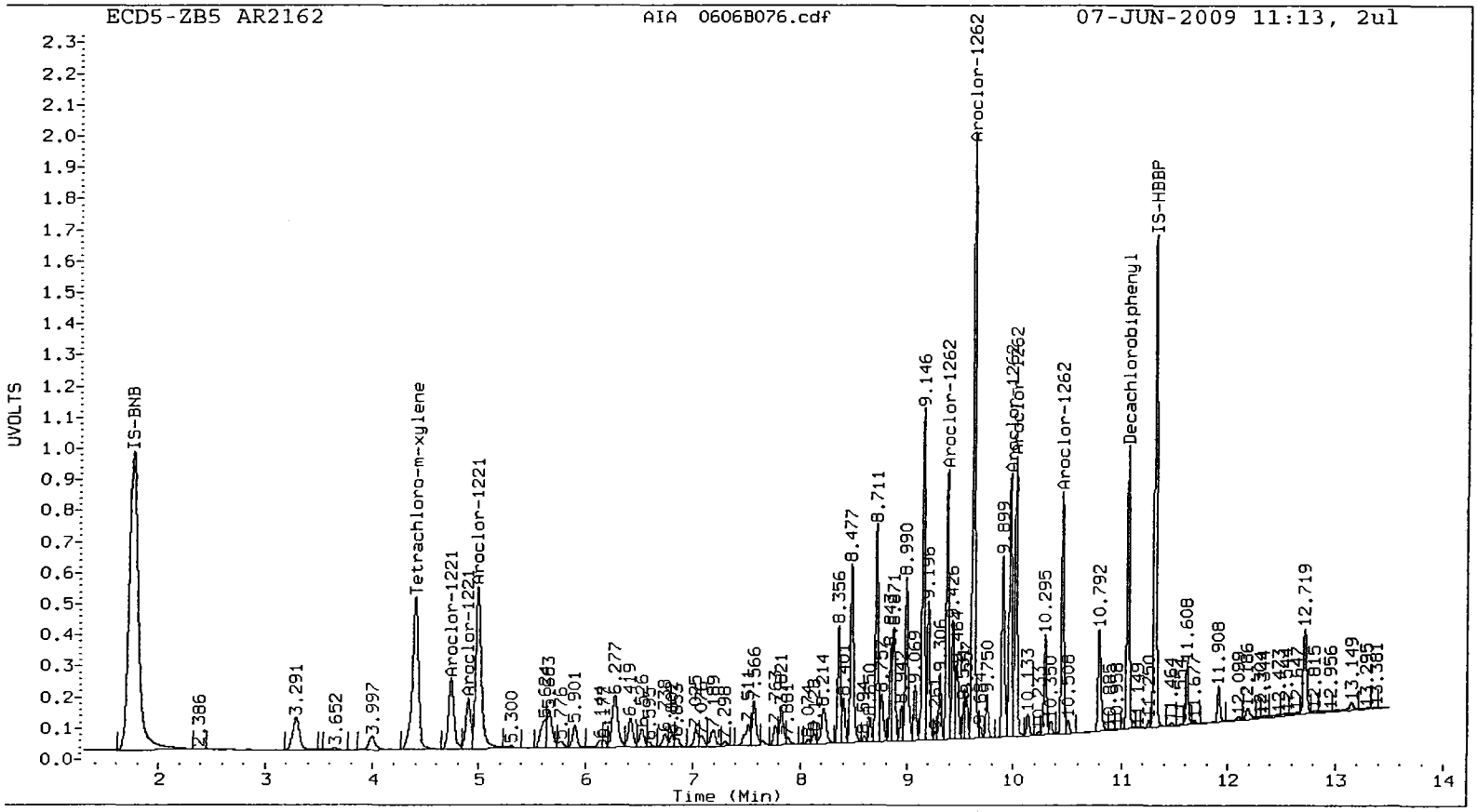
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	RT	Shift	ZB5 Col Area	ZB5 Col Amount	Peak#	RT	Shift	ZB35 Col Area	ZB35 Col Amount
Aroclor-1221	1	4.732	0.000	4107000	250.0	1	5.566	0.000	4866296	250.0
Aroclor-1221	2	4.895	0.000	2618542	250.0	2	5.791	0.000	2897629	250.0
Aroclor-1221	3	4.990	0.000	9878291	250.0	3	5.896	0.000	9579085	250.0
Aroclor-1221	NS	---			----	4	7.310	0.000	1515912	250.0
	Total Col1Ave (3 peaks):			250.0		Total Col2Ave (4 peaks):			250.0	RPD = 0
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			250.0	
Aroclor-1262	1	9.373	0.000	7041229	250.0	1	10.058	0.000	7217695	250.0
Aroclor-1262	2	9.619	0.000	16682932	250.0	2	10.218	0.000	17260943	250.0
Aroclor-1262	3	9.969	0.000	7133967	250.0	3	10.571	0.000	7224562	250.0
Aroclor-1262	4	10.020	0.000	7528085	250.0	4	10.619	0.000	10514841	250.0
Aroclor-1262	5	10.456	0.000	6106465	250.0	5	11.083	0.000	5818838	250.0
	Total Col1Ave (5 peaks):			250.0		Total Col2Ave (5 peaks):			250.0	RPD = 0
	Corrected Ave (4 peaks):			250.0		Corrected Ave (4 peaks):			250.0	RPD = 0

Total PCB Area Col1 (4.494 - 10.960) = 155007359 Col1 Total PCB = 0.7 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 152601495 Col2 Total PCB = 0.7 ppm*

* Quantitated against AR1660 0.25ppm in Ical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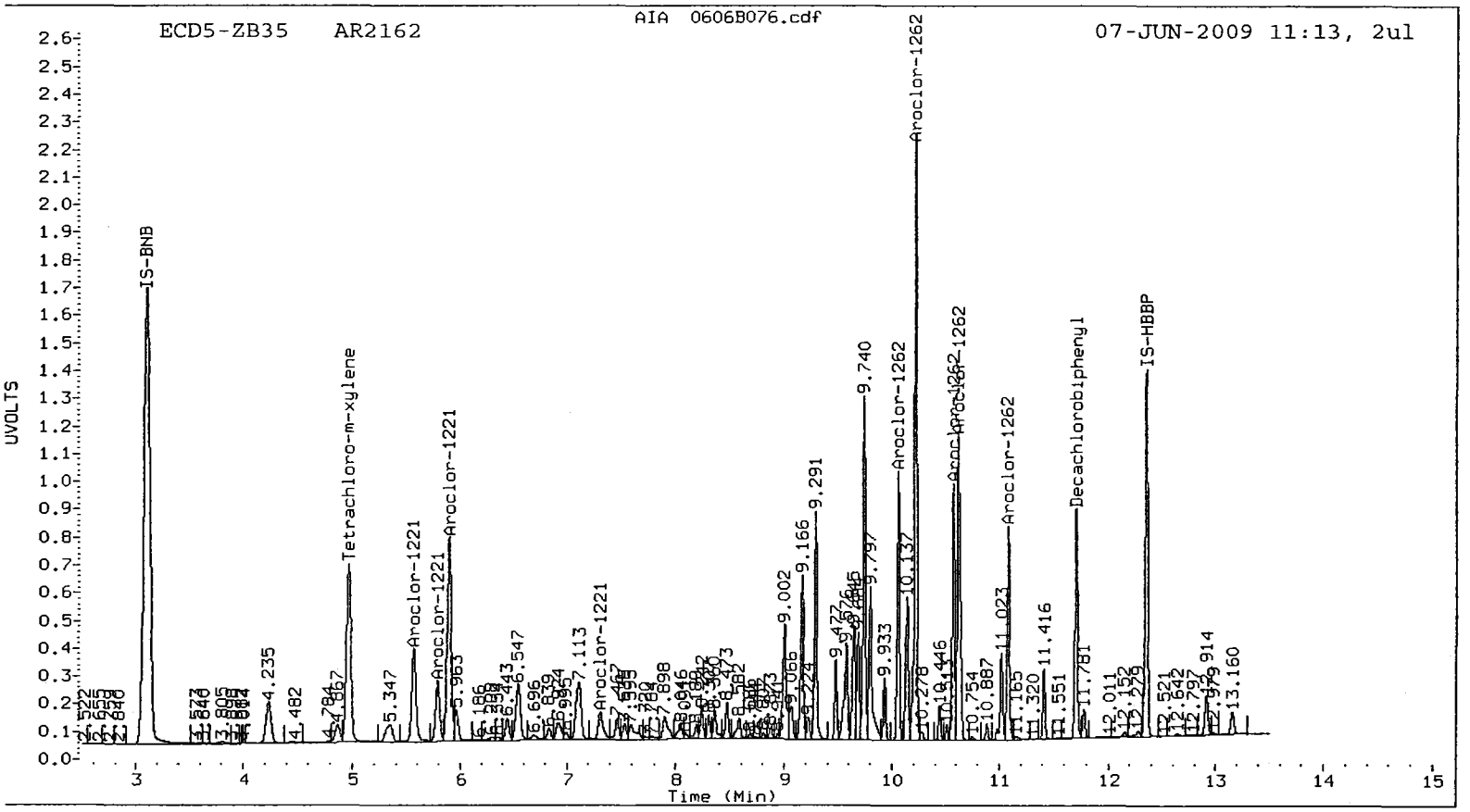
Aroclor-1262
Decachlorobiphenyl
IS-HBBP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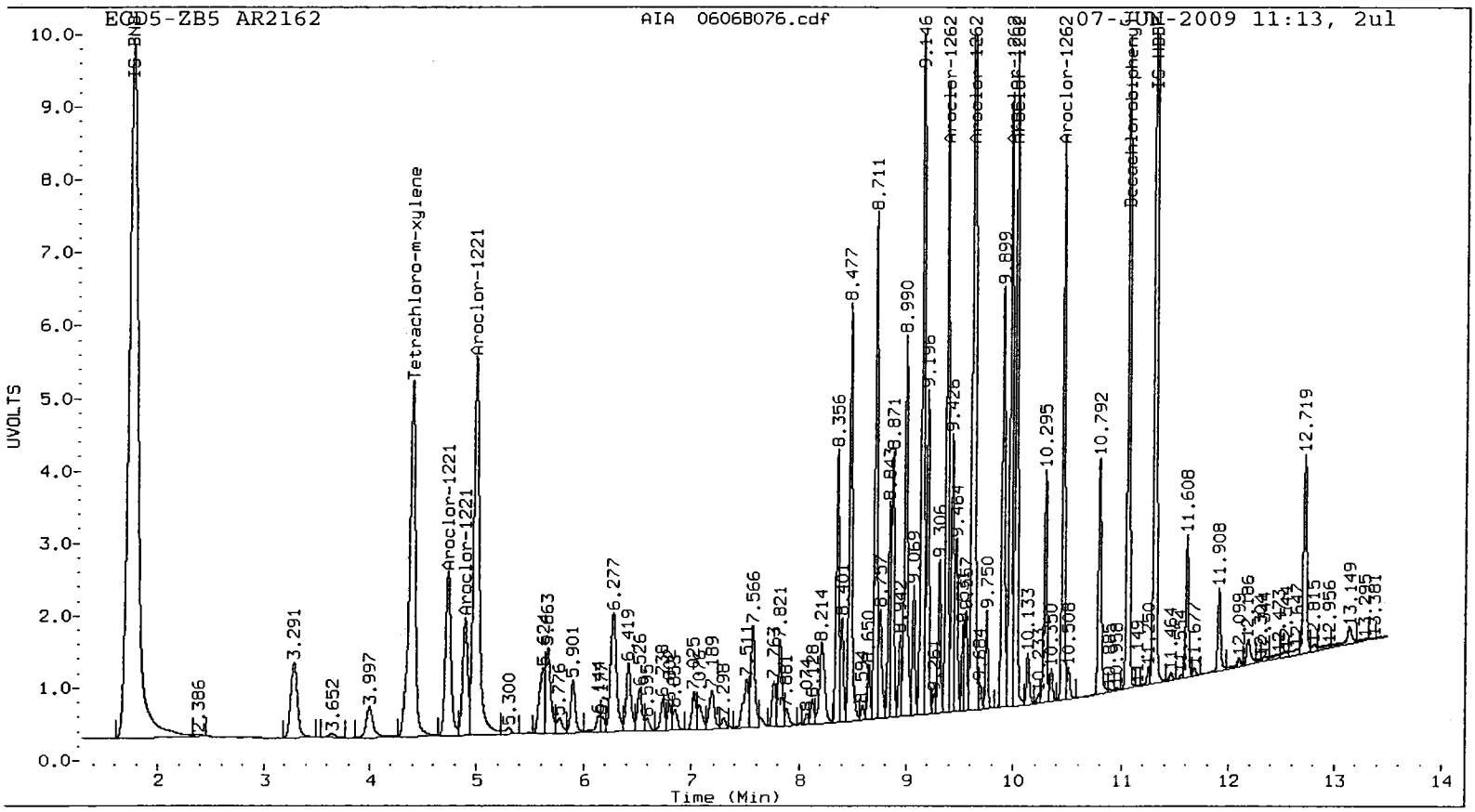
Aroclor-1221
Aroclor-1262
Decachlorobiphenyl
IS-HBBP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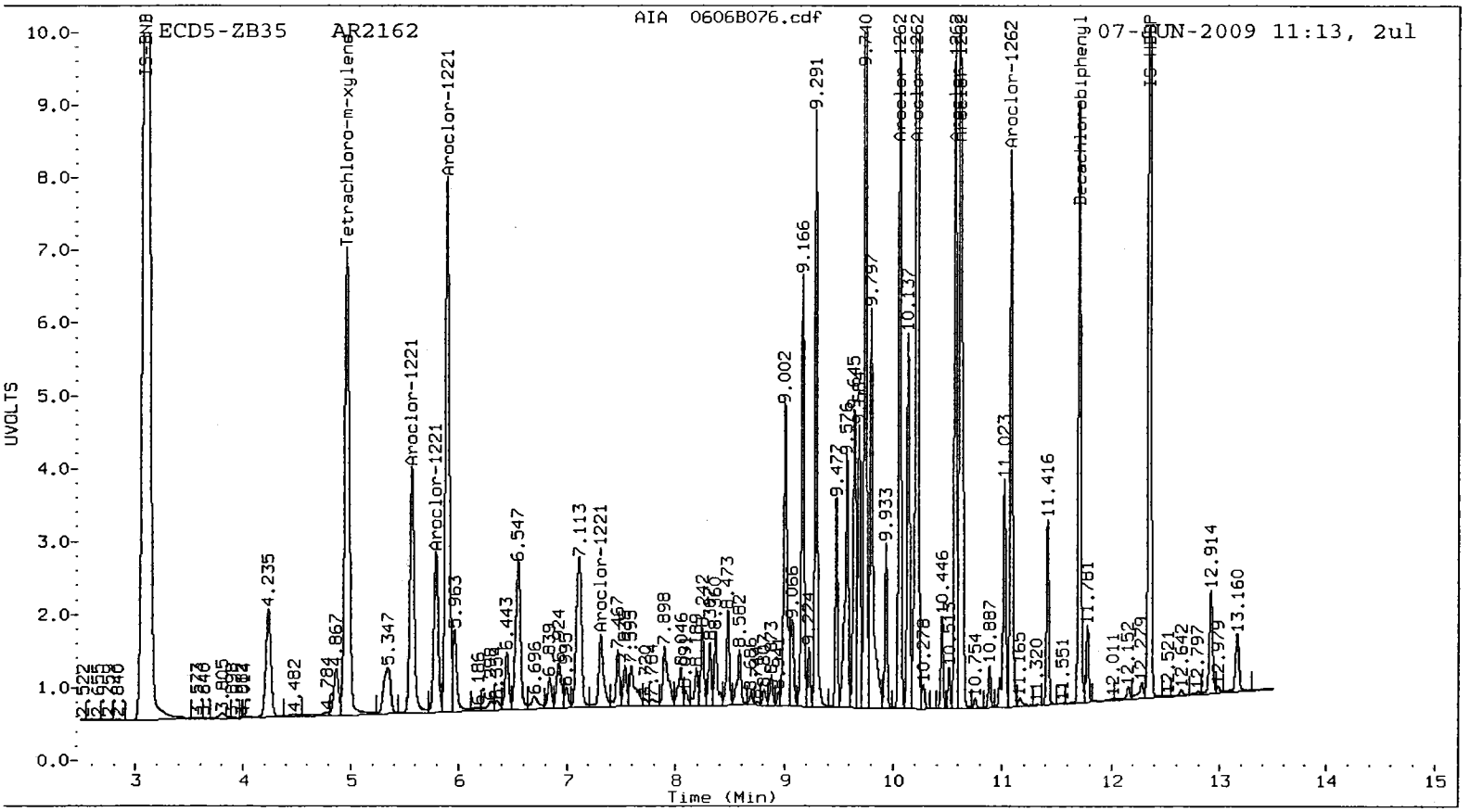
Aroclor-1262
Decachlorobiphenyl
IS-HBBP
UVOLTS
Time (Min)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Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1262
Decachlorobiphenyl
IS-HBBP
UVOLTS
Time (Min)

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/ical-1.b/0606B077.d
Data file 2: 20090606.B/ical-2.b/0606B077.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR3268
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR3268
Client ID:
Injection Date: 07-JUN-2009 11:30
Report Date: 06/08/2009 11:32
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.394	0.000	8880991	4.967	0.000	9242570	22.0	21.0	5.0	Tetrachloro-m-xylene
11.060	0.000	12131467	11.708	0.000	10915159	33.1	32.6	1.6	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	55.1	52.4
Decachlorobiphenyl	82.8	81.5

JR 06/08/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30793809	2.5
Hexabromobiphenyl	12924817	13362803	3.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	34110441	2.5
Hexabromobiphenyl	11348053	11603540	2.3

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

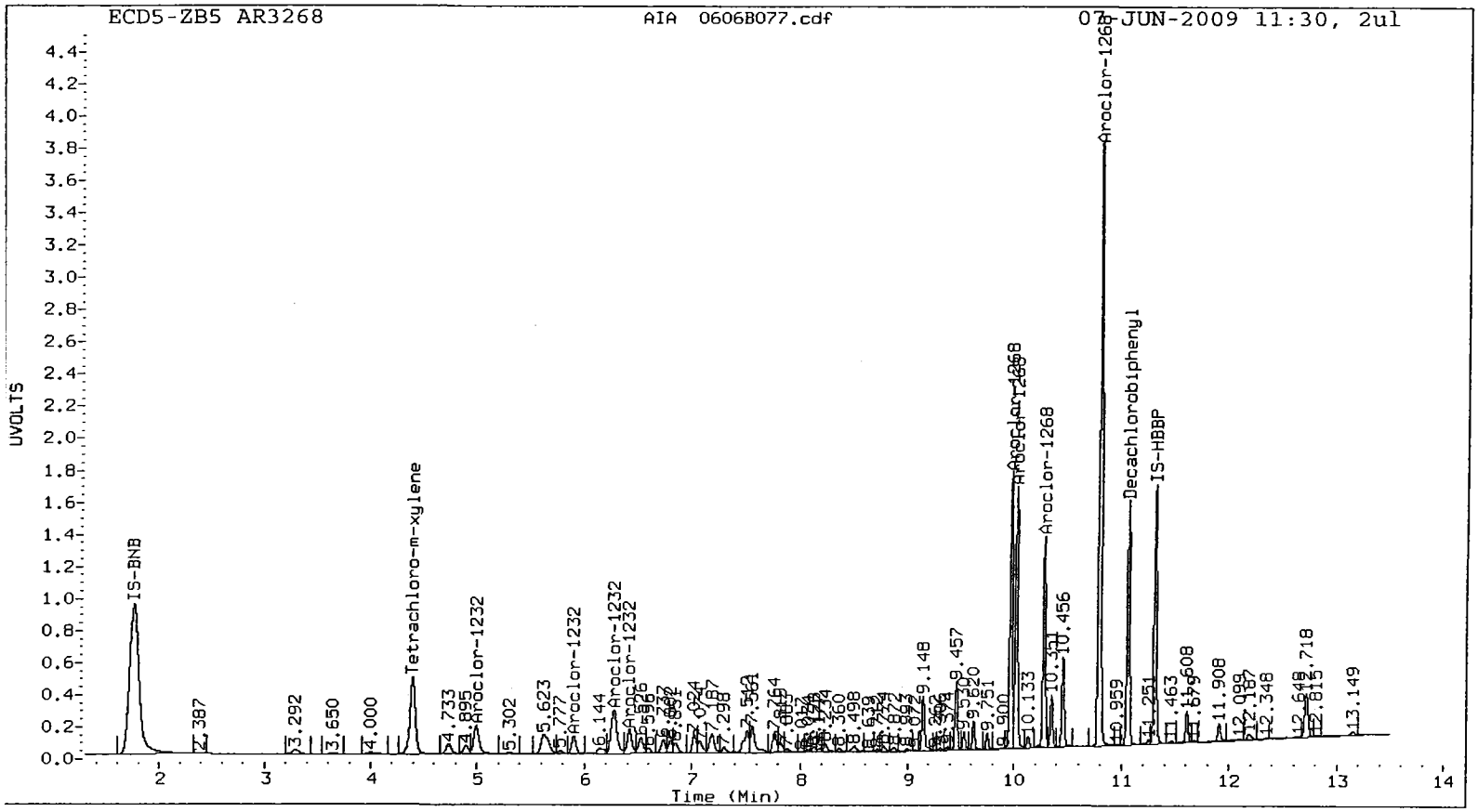
Aroclor	Peak#	RT	Shift	ZB5 Col Area	Amount	Peak#	RT	Shift	ZB35 Col Area	Amount
Aroclor-1232	1	4.992	0.000	3437777	250.0	1	5.896	0.000	3180127	250.0
Aroclor-1232	2	5.902	0.000	1666162	250.0	2	6.535	0.000	2910885	250.0
Aroclor-1232	3	6.276	0.000	5336337	250.0	3	7.114	0.000	5609492	250.0
Aroclor-1232	4	6.420	0.000	2299095	250.0	4	7.310	0.000	2209478	250.0
Total Col1Ave (4 peaks):					250.0	Total Col2Ave (4 peaks):				250.0 RPD = 0
Corrected Ave (3 peaks):					250.0	Corrected Ave (3 peaks):				250.0 RPD = 0
Aroclor-1268	1	9.970	0.000	14112716	250.0	1	10.572	0.000	13472218	250.0
Aroclor-1268	2	10.019	0.000	13326131	250.0	2	10.618	0.000	12351776	250.0
Aroclor-1268	3	10.280	0.000	10665427	250.0	3	10.888	0.000	9568002	250.0
Aroclor-1268	4	10.791	0.000	30498213	250.0	4	11.416	0.000	27926034	250.0
Total Col1Ave (4 peaks):					250.0	Total Col2Ave (4 peaks):				250.0 RPD = 0
Corrected Ave (3 peaks):					250.0	Corrected Ave (3 peaks):				250.0 RPD = 0

✓ ✓

Total PCB Area Col1 (4.494 - 10.960) = 127739359 Col1 Total PCB = 0.6 ppm*

Total PCB Area Col2 (5.067 - 11.608) = 125016784 Col2 Total PCB = 0.6 ppm*

* Quantitated against AR1660 0.25ppm in Ical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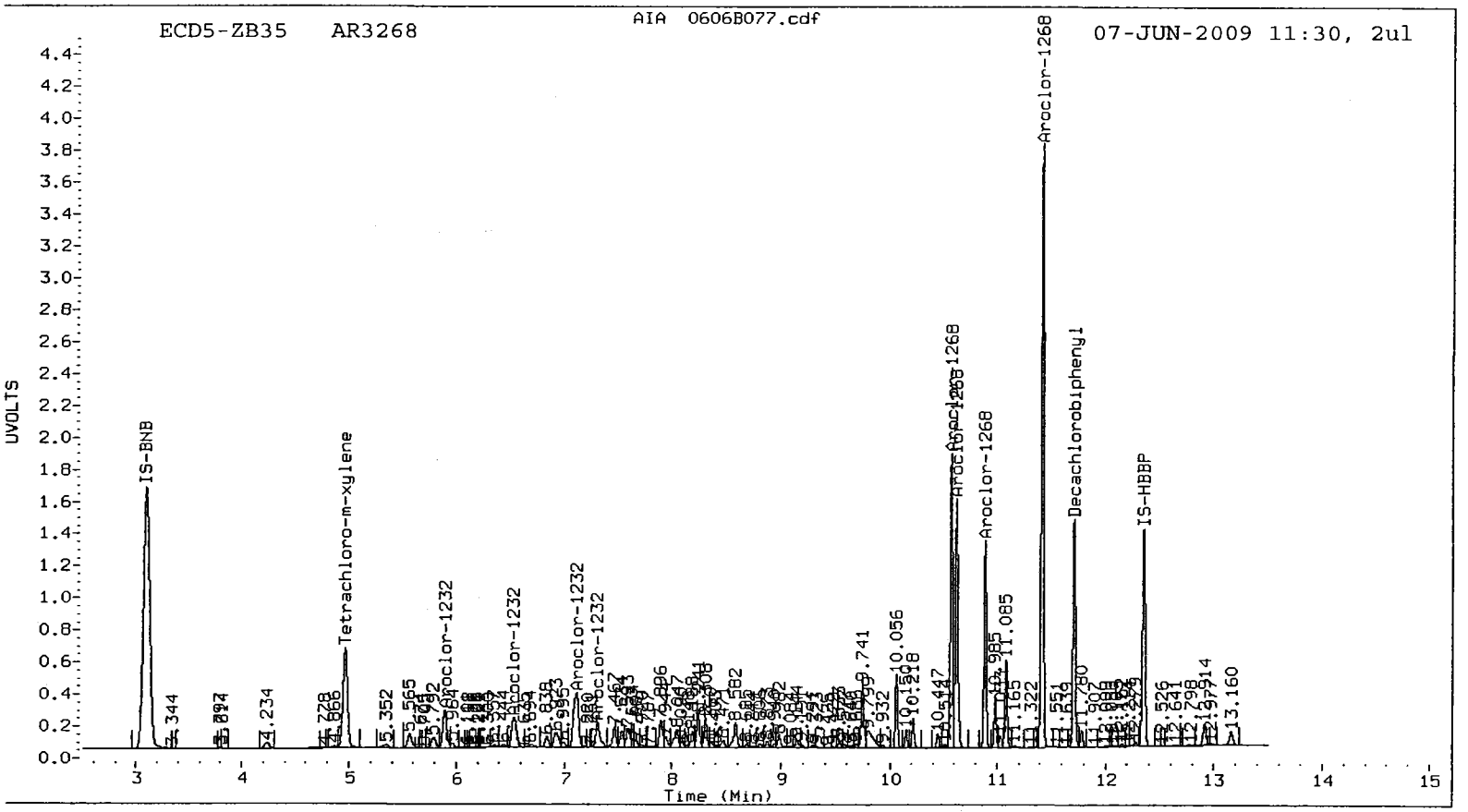
Tetrachloro-m-xylene
Aroclor-1232
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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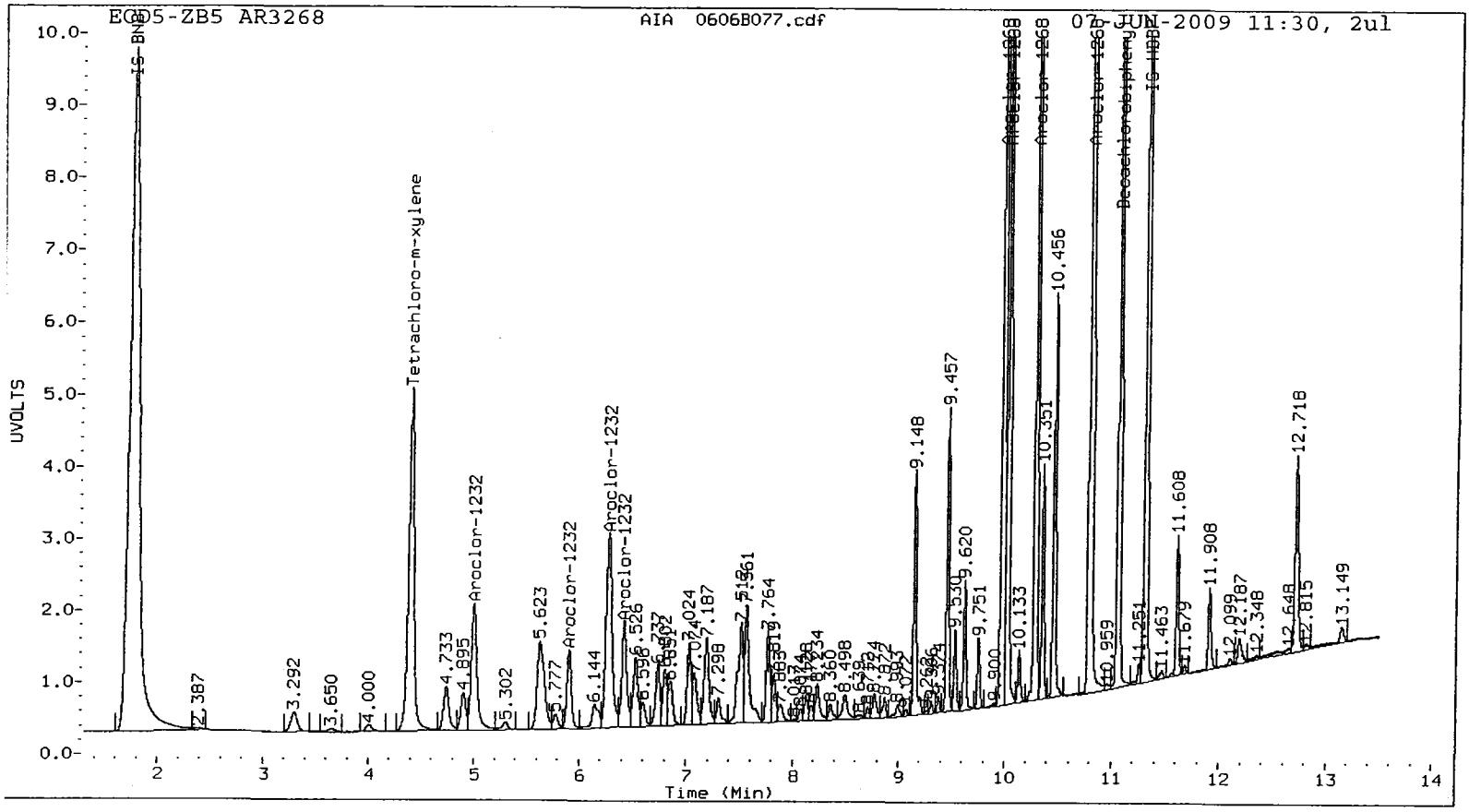
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Tetrachloro-m-xylene
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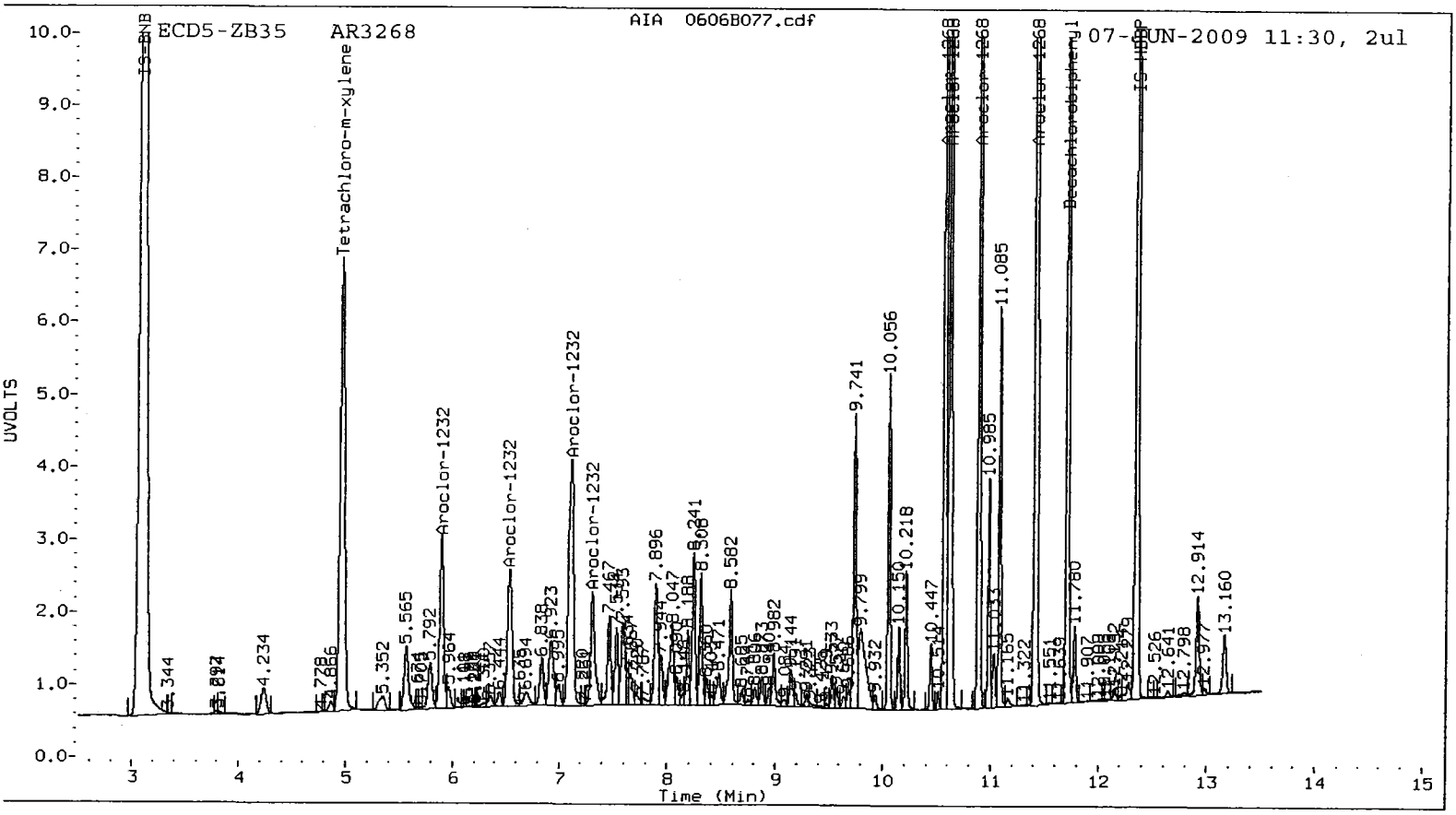
IS-HBB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Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1232
Aroclor-1268
Decachlorobiphenyl
IS-HBB

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1248 Time Analyzed :2319

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1248-1	6.27	6.17	6.37	255.2	250.0	2.1
Aroclor-1248-2	6.74	6.64	6.84	257.6	250.0	3.0
Aroclor-1248-3	7.02	6.92	7.12	256.8	250.0	2.7
Aroclor-1248-4	7.56	7.46	7.66	249.1	250.0	-0.3

AVERAGE %D = 2.0

FORM VII PCB

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1248 Time Analyzed :2319

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1248-1	7.11	7.00	7.20	257.2	250.0	2.9
Aroclor-1248-2	7.53	7.43	7.63	257.8	250.0	3.1
Aroclor-1248-3	7.89	7.79	7.99	257.1	250.0	2.8
Aroclor-1248-4	8.24	8.14	8.34	265.0	250.0	6.0

AVERAGE %D = 3.7

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B042.d
Data file 2: 20090606.B/0613-2.b/0613B042.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1248
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1248
Client ID:
Injection Date: 13-JUN-2009 23:19
Report Date: 06/17/2009 12:25
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.394	-0.005	8929823	4.963	-0.004	9789343	24.1	23.5	2.5	Tetrachloro-m-xylene
11.059	-0.001	6199261	11.703	0.001	6495105	21.1	21.1	0.0	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	60.2	58.7
Decachlorobiphenyl	52.8	52.8

JK 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28324441	-5.7
Hexabromobiphenyl	12924817	10699528	-17.2

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32230318	-3.1
Hexabromobiphenyl	11348053	10652378	-6.1

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

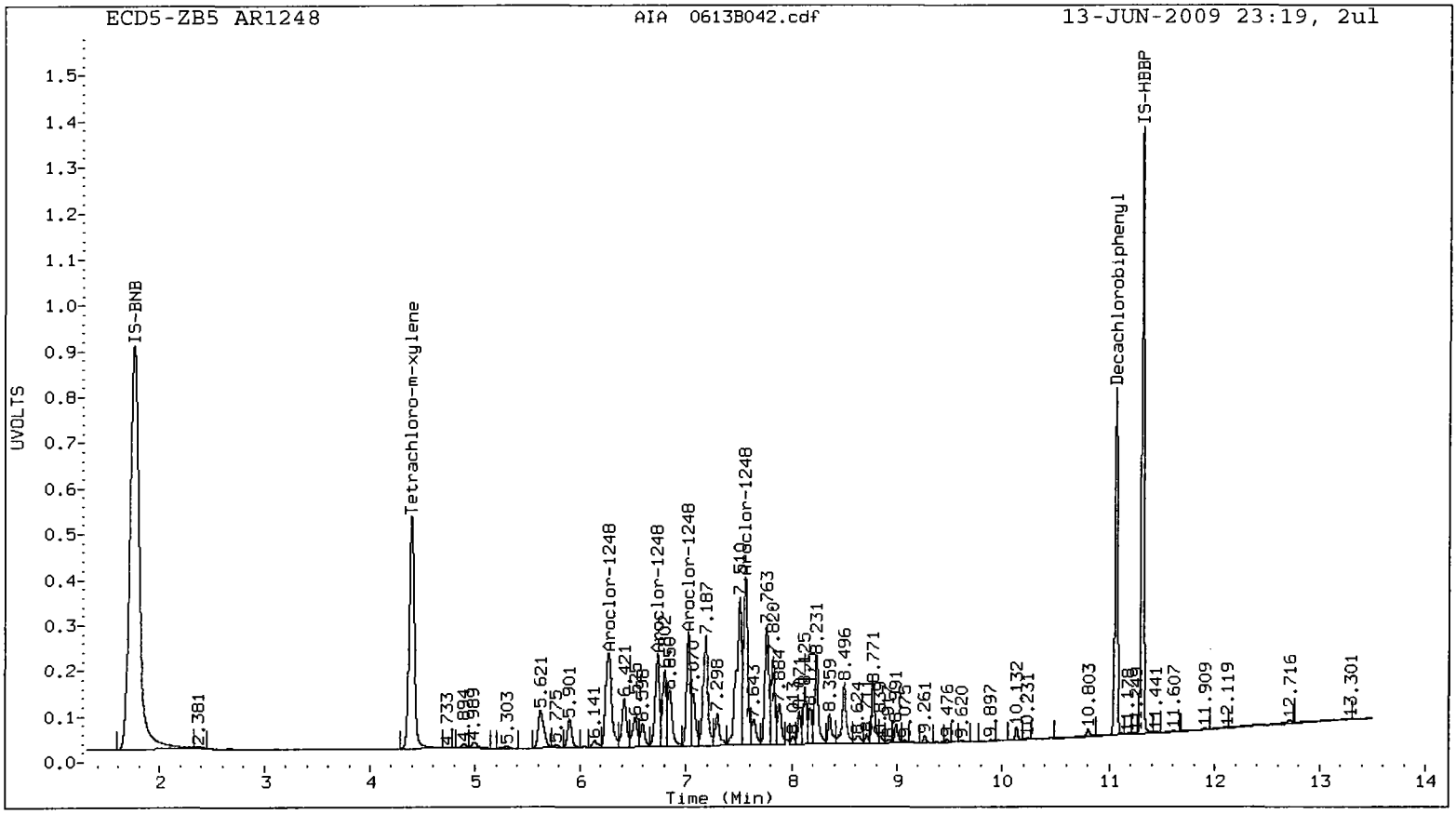
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1248	1	6.273	-0.001	4178829	255.2	1	7.105	0.001	4623017	257.2
Aroclor-1248	2	6.737	-0.002	2759900	257.6	2	7.530	-0.001	2665753	257.8
Aroclor-1248	3	7.024	-0.001	3214574	256.8	3	7.892	-0.001	3469438	257.1
Aroclor-1248	4	7.561	-0.002	4993531	249.1	4	8.238	-0.001	4646985	265.0
Total Col1Ave (4 peaks):					254.7	Total Col2Ave (4 peaks):				259.3 RPD = 2
Corrected Ave (3 peaks):					253.7	Corrected Ave (3 peaks):				257.3 RPD = 1

Total PCB Area Col1 (4.499 - 10.961) = 57178442 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 59076170 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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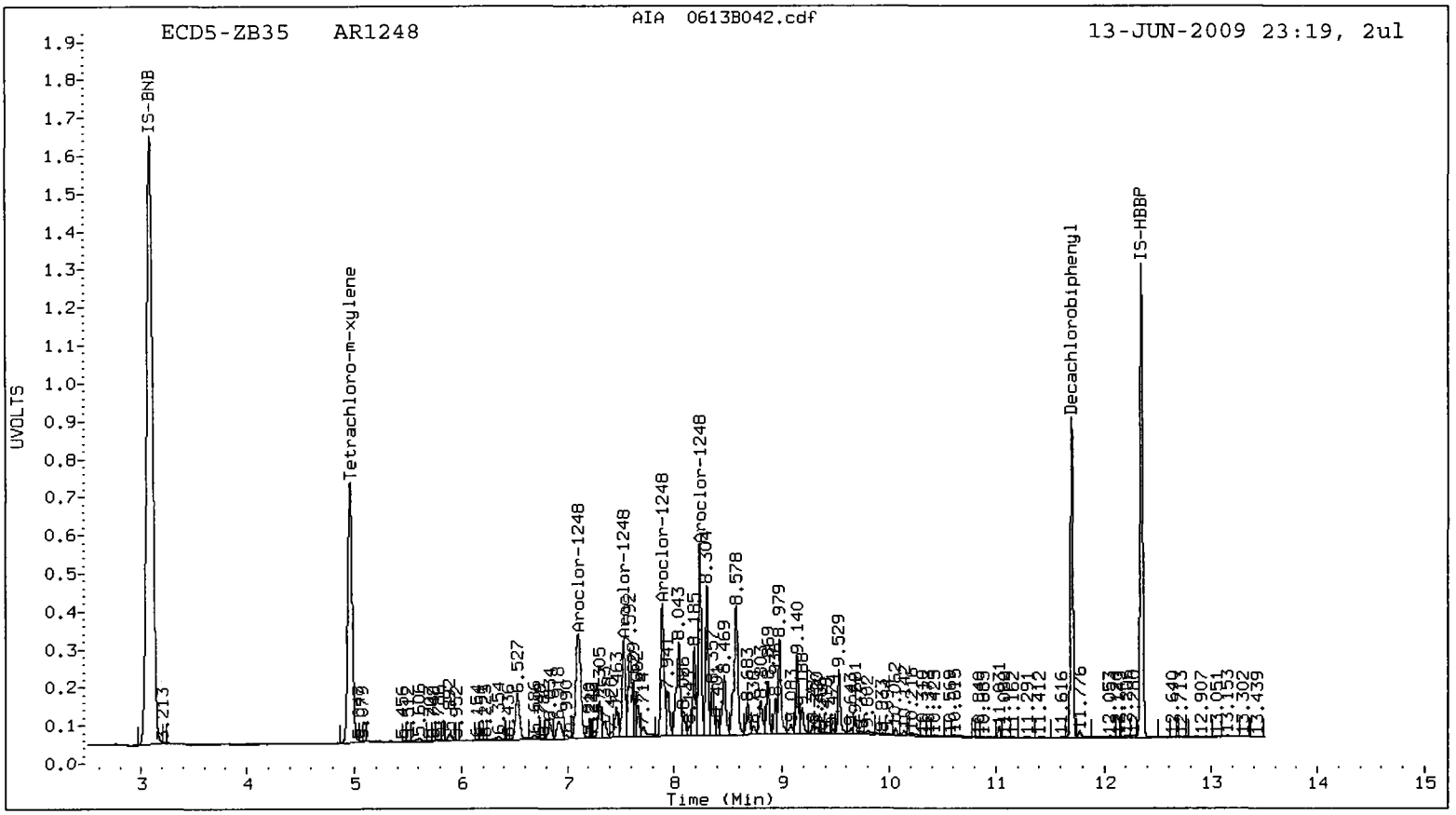
Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBBP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Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBBP

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :2336

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	5.90	5.80	6.00	244.4	250.0	-2.2
Aroclor-1016-2	6.28	6.18	6.38	246.3	250.0	-1.5
Aroclor-1016-3	6.42	6.32	6.52	249.6	250.0	-0.1
Aroclor-1016-4	6.53	6.43	6.63	257.3	250.0	2.9

AVERAGE %D = 1.7

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :2336

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.15	9.05	9.25	264.4	250.0	5.7
Aroclor-1260-2	9.37	9.27	9.47	263.3	250.0	5.3
Aroclor-1260-3	9.62	9.52	9.72	257.4	250.0	3.0
Aroclor-1260-4	9.90	9.80	10.00	251.4	250.0	0.6
Aroclor-1260-5	10.02	9.92	10.12	257.1	250.0	2.8

AVERAGE %D = 3.5

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :2336

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	6.53	6.43	6.63	258.6	250.0	3.4
Aroclor-1016-2	7.11	7.01	7.21	256.3	250.0	2.5
Aroclor-1016-3	7.31	7.21	7.41	249.4	250.0	-0.2
Aroclor-1016-4	7.89	7.79	7.99	255.7	250.0	2.3

AVERAGE %D = 2.1

Date Analyzed :06/13/09

Lab Standard ID: AR1660 Time Analyzed :2336

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.29	9.19	9.39	285.1	250.0	14.0
Aroclor-1260-2	10.06	9.96	10.16	264.2	250.0	5.7
Aroclor-1260-3	10.21	10.12	10.32	279.5	250.0	11.8
Aroclor-1260-4	10.61	10.52	10.72	252.6	250.0	1.0

AVERAGE %D = 8.1

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B043.d
Data file 2: 20090606.B/0613-2.b/0613B043.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660
Client ID:
Injection Date: 13-JUN-2009 23:36
Report Date: 06/17/2009 12:25
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.398	-0.001	8130950	4.966	0.000	8698980	20.7	19.7	4.6	Tetrachloro-m-xylene
11.059	-0.001	5526932	11.703	0.000	5879471	17.6	18.0	2.2	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	51.6	49.3
Decachlorobiphenyl	44.0	45.0

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	30065368	0.1
Hexabromobiphenyl	12924817	11450186	-11.4

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	34116329	2.5
Hexabromobiphenyl	11348053	11319787	-0.2

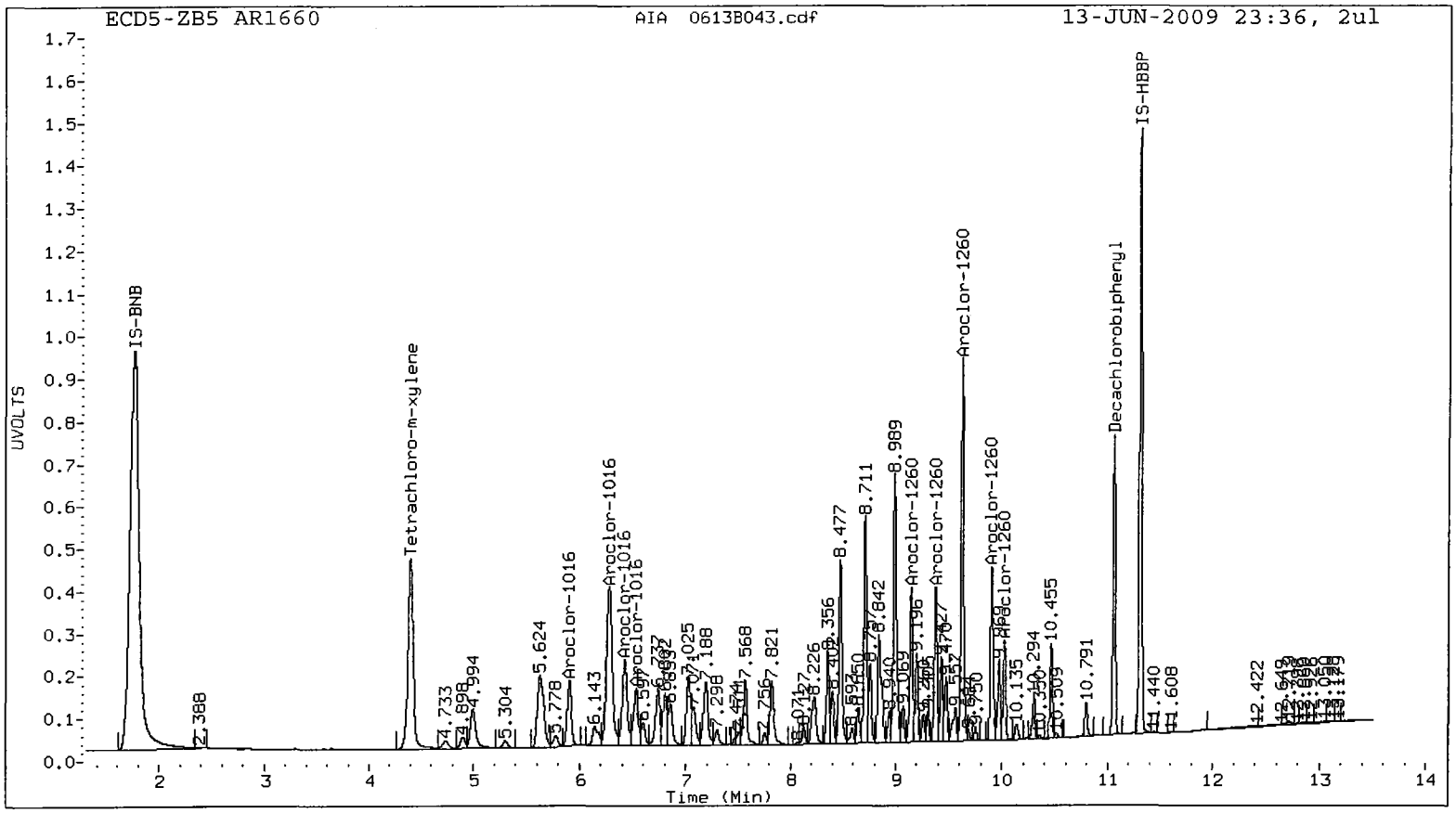
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.903	-0.001	2222397	244.4	1	6.530	-0.001	4019708	258.6
Aroclor-1016	2	6.277	-0.001	7209664	246.3	2	7.109	0.000	8327542	256.3
Aroclor-1016	3	6.420	-0.002	3121208	249.6	3	7.307	-0.001	3161925	249.4
Aroclor-1016	4	6.527	-0.001	2060198	257.3	4	7.892	-0.001	2473860	255.7
Total Col1Ave (4 peaks):					249.4	Total Col2Ave (4 peaks):				255.0 RPD = 2
Corrected Ave (3 peaks):					246.8	Corrected Ave (3 peaks):				253.8 RPD = 3
Aroclor-1260	1	9.147	-0.001	3250089	264.4	1	9.288	0.000	6062449	285.1
Aroclor-1260	2	9.373	-0.001	3070682	263.3	2	10.056	0.000	3642178	264.2
Aroclor-1260	3	9.619	-0.001	7631185	257.4	3	10.215	-0.001	9899271	279.5
Aroclor-1260	4	9.897	-0.002	3865282	251.4	4	10.615	-0.001	5315047	252.6
Aroclor-1260	5	10.020	-0.001	1928410	257.1	NS	---			----
Total Col1Ave (5 peaks):					258.7	Total Col2Ave (4 peaks):				270.3 RPD = 4
Corrected Ave (4 peaks):					257.3	Corrected Ave (3 peaks):				265.4 RPD = 3

Total PCB Area Col1 (4.499 - 10.961) = 100776730 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 108080003 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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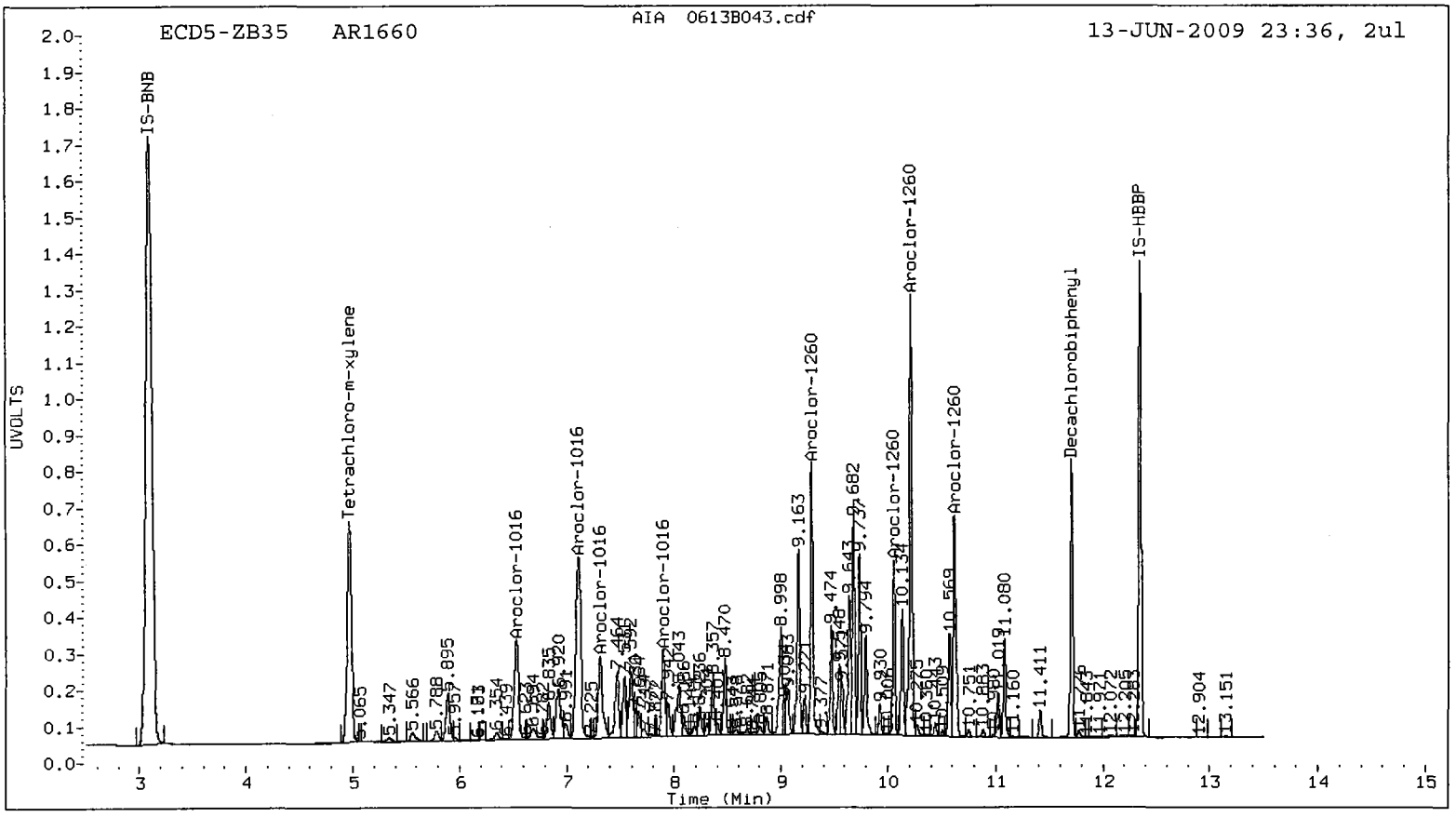
UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/14/09

Lab Standard ID: AR1242 Time Analyzed :0337

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1242-1	5.90	5.80	6.00	239.9	250.0	-4.0
Aroclor-1242-2	6.28	6.18	6.38	229.1	250.0	-8.4
Aroclor-1242-3	6.42	6.32	6.52	228.2	250.0	-8.7
Aroclor-1242-4	7.51	7.41	7.61	213.2	250.0	-14.7

AVERAGE %D = 8.9

FORM VII PCB

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/14/09

Lab Standard ID: AR1242 Time Analyzed :0337

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1242-1	6.53	6.43	6.63	236.5	250.0	-5.4
Aroclor-1242-2	7.11	7.01	7.21	232.8	250.0	-6.9
Aroclor-1242-3	7.31	7.21	7.41	228.7	250.0	-8.5
Aroclor-1242-4	8.19	8.09	8.29	212.7	250.0	-14.9

AVERAGE %D = 8.9

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B057.d
Data file 2: 20090606.B/0613-2.b/0613B057.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1242
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1242
Client ID:
Injection Date: 14-JUN-2009 03:37
Report Date: 06/17/2009 12:25
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.399	0.000	8516412	4.968	0.002	9429962	23.4	22.5	3.8	Tetrachloro-m-xylene
11.059	-0.002	5101919	11.702	0.000	5757974	21.0	21.0	0.4	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	58.5	56.3
Decachlorobiphenyl	52.4	52.6

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27806893	-7.4
Hexabromobiphenyl	12924817	8874244	-31.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32403366	-2.6
Hexabromobiphenyl	11348053	9478779	-16.5

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

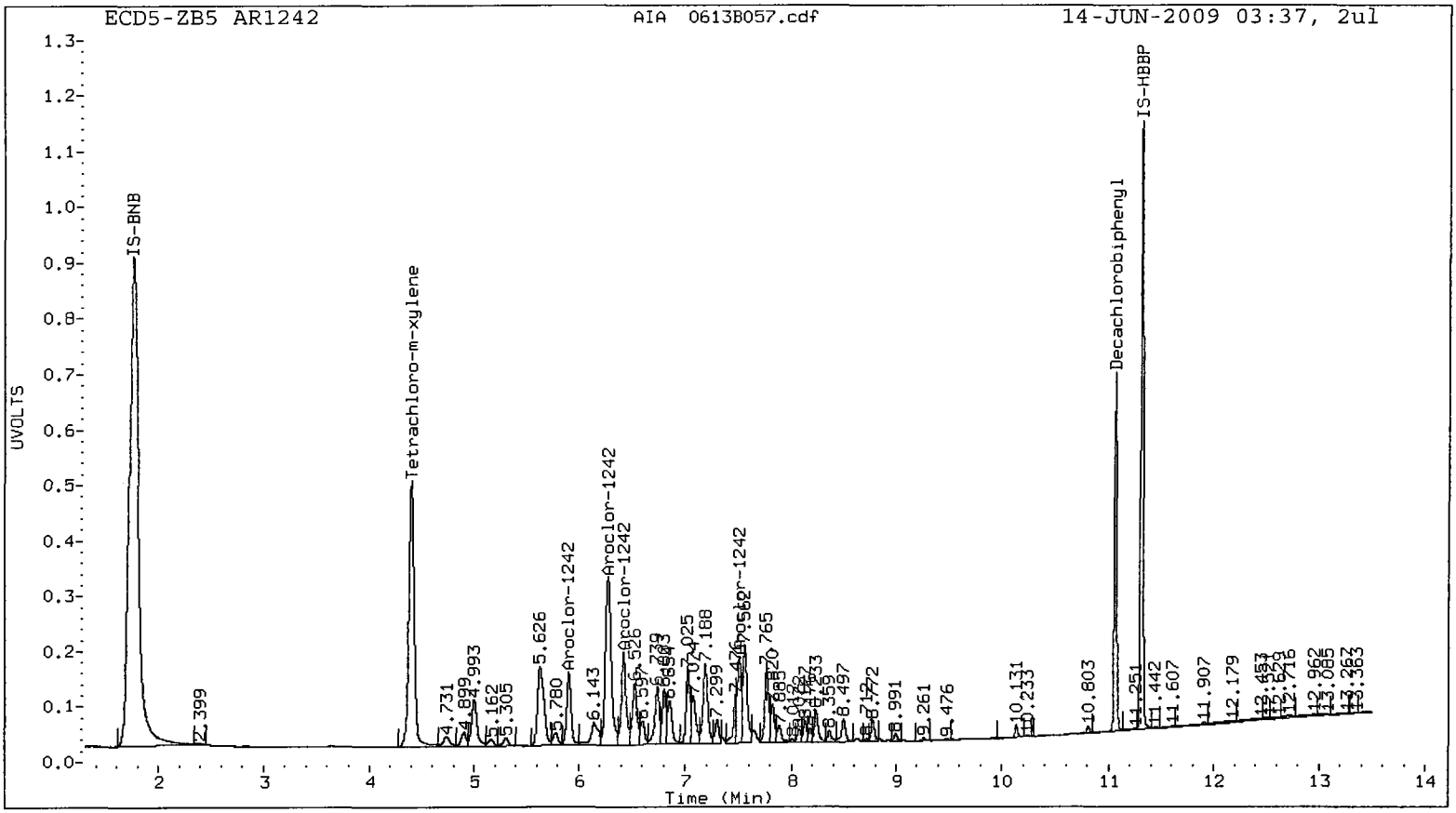
Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1242	1	5.903	0.000	1962906	239.9	1	6.530	0.001	3317985	236.5
Aroclor-1242	2	6.276	-0.002	5973688	229.1	2	7.111	0.000	6707578	232.8
Aroclor-1242	3	6.421	0.000	2593242	228.2	3	7.307	0.000	2513758	228.7
Aroclor-1242	4	7.511	0.000	1912903	213.2	4	8.185	0.000	1064216	212.7
Total Col1Ave (4 peaks):					227.6	Total Col2Ave (4 peaks):				227.7 RPD = 0
Corrected Ave (3 peaks):					223.5	Corrected Ave (3 peaks):				224.7 RPD = 1

Total PCB Area Col1 (4.499 - 10.961) = 41580165 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 44197061 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Time (Min)
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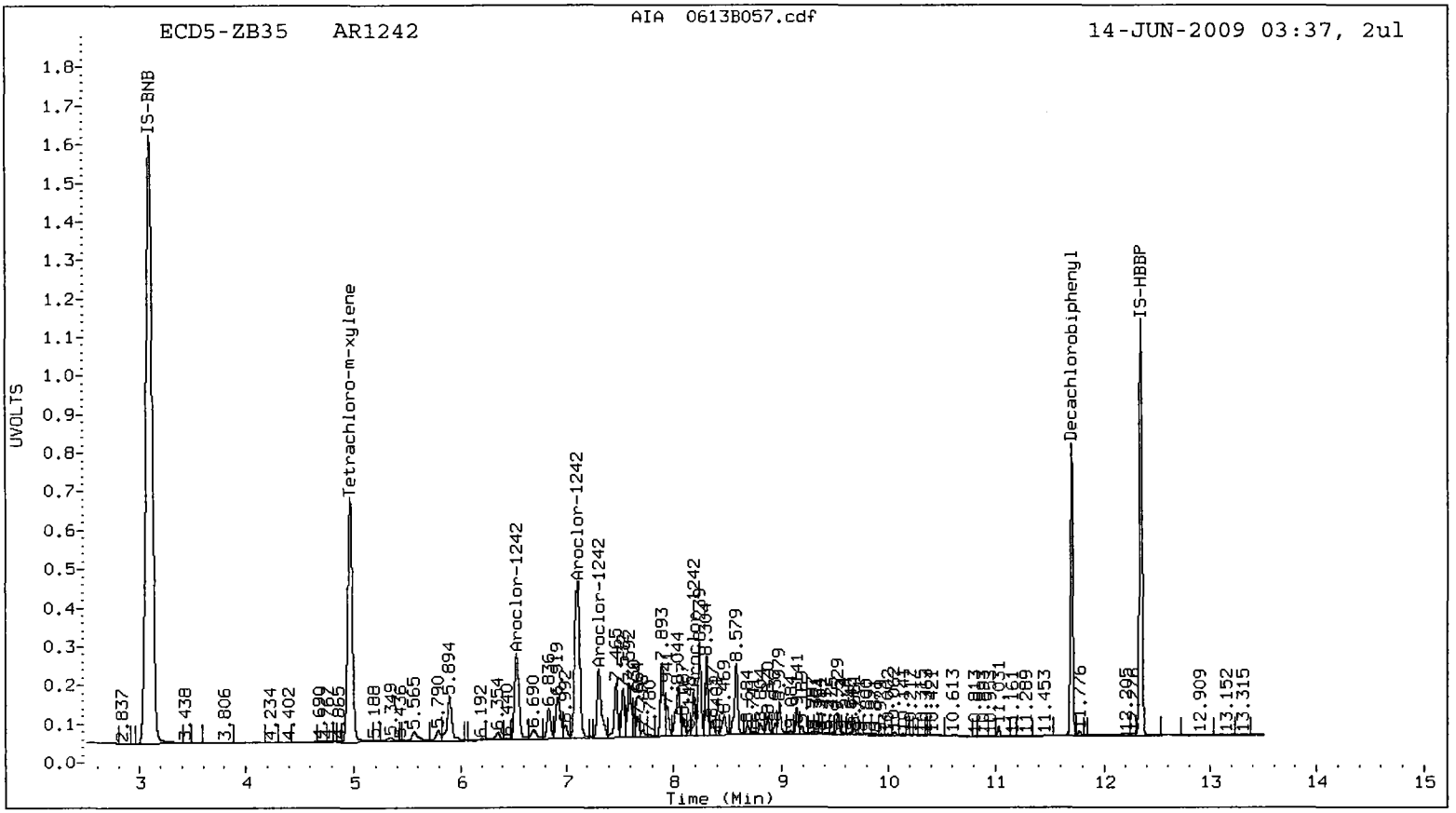
Tetrachloro-m-xylene
Aroclor-1242
Decachlorobiphenyl
IS-HBBP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Time (Min)
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Tetrachloro-m-xylene
Aroclor-1242
Decachlorobiphenyl
IS-HBBP

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/14/09

Lab Standard ID: AR1660 Time Analyzed :0355

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	5.90	5.80	6.00	252.9	250.0	1.1
Aroclor-1016-2	6.28	6.18	6.38	240.4	250.0	-3.8
Aroclor-1016-3	6.42	6.32	6.52	243.8	250.0	-2.5
Aroclor-1016-4	6.53	6.43	6.63	253.4	250.0	1.3

AVERAGE %D = 2.2

Date Analyzed :06/14/09

Lab Standard ID: AR1660 Time Analyzed :0355

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.15	9.05	9.25	257.1	250.0	2.8
Aroclor-1260-2	9.37	9.27	9.47	254.0	250.0	1.6
Aroclor-1260-3	9.62	9.52	9.72	263.2	250.0	5.3
Aroclor-1260-4	9.90	9.80	10.00	247.2	250.0	-1.1
Aroclor-1260-5	10.02	9.92	10.12	250.1	250.0	0.0

AVERAGE %D = 2.2

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/14/09

Lab Standard ID: AR1660 Time Analyzed :0355

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	6.53	6.43	6.63	257.2	250.0	2.9
Aroclor-1016-2	7.11	7.01	7.21	242.6	250.0	-3.0
Aroclor-1016-3	7.31	7.21	7.41	230.1	250.0	-7.9
Aroclor-1016-4	7.89	7.79	7.99	225.6	250.0	-9.7

AVERAGE %D = 5.9

Date Analyzed :06/14/09

Lab Standard ID: AR1660 Time Analyzed :0355

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.29	9.19	9.39	283.5	250.0	13.4
Aroclor-1260-2	10.06	9.96	10.16	264.2	250.0	5.7
Aroclor-1260-3	10.22	10.12	10.32	282.3	250.0	12.9
Aroclor-1260-4	10.62	10.52	10.72	262.2	250.0	4.9

AVERAGE %D = 9.2

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B058.d
Data file 2: 20090606.B/0613-2.b/0613B058.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660
Client ID:
Injection Date: 14-JUN-2009 03:55
Report Date: 06/17/2009 12:26
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.398	-0.001	8035621	4.964	-0.002	8998314	20.5	20.2	1.7	Tetrachloro-m-xylene
11.059	-0.002	4875044	11.703	0.001	5495261	18.3	18.6	1.8	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	51.3	50.4
Decachlorobiphenyl	45.6	46.5

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	29938487	-0.3
Hexabromobiphenyl	12924817	9739205	-24.6

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	34518373	3.7
Hexabromobiphenyl	11348053	10238402	-9.8

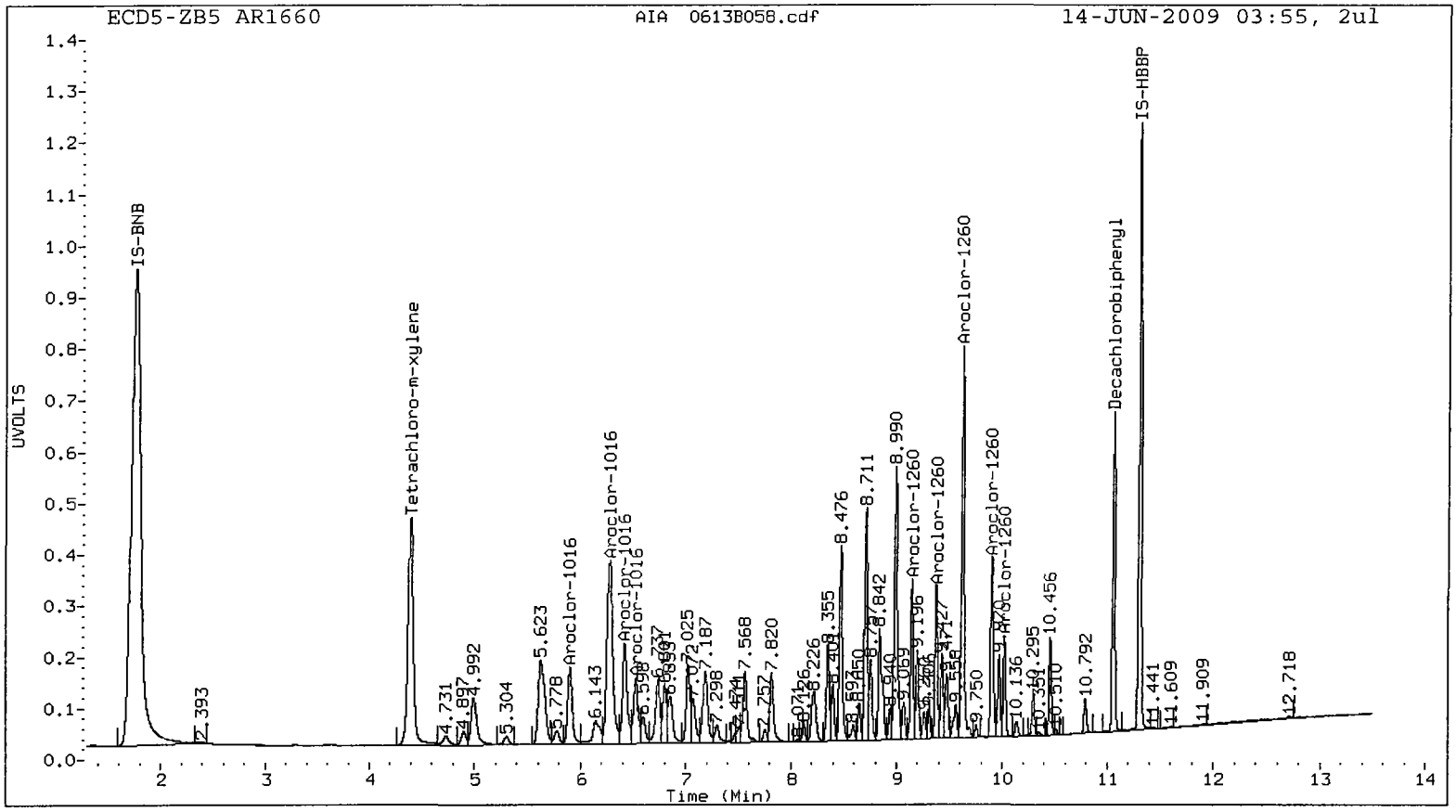
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.902	-0.002	2289941	252.9	1	6.530	-0.001	4044991	257.2
Aroclor-1016	2	6.276	-0.002	7008055	240.4	2	7.109	-0.001	7975044	242.6
Aroclor-1016	3	6.420	-0.002	3034841	243.8	3	7.306	-0.002	2952086	230.1
Aroclor-1016	4	6.525	-0.002	2020360	253.4	4	7.892	-0.001	2208535	225.6
	Total Col1Ave (4 peaks):				247.6		Total Col2Ave (4 peaks):			238.9 RPD = 4
	Corrected Ave (3 peaks):				245.7		Corrected Ave (3 peaks):			232.8 RPD = 5
Aroclor-1260	1	9.147	-0.001	2688938	257.1	1	9.287	-0.001	5452438	283.5
Aroclor-1260	2	9.373	-0.001	2520156	254.0	2	10.055	0.000	3294930	264.2
Aroclor-1260	3	9.620	-0.001	6636495	263.2	3	10.216	0.000	9045250	282.3
Aroclor-1260	4	9.898	-0.001	3233029	247.2	4	10.615	0.000	4988909	262.2
Aroclor-1260	5	10.020	0.000	1595901	250.1	NS	---			----
	Total Col1Ave (5 peaks):				254.3		Total Col2Ave (4 peaks):			273.0 RPD = 7
	Corrected Ave (4 peaks):				252.1		Corrected Ave (3 peaks):			269.6 RPD = 7

Total PCB Area Col1 (4.499 - 10.961) = 89775131 Col1 Total PCB = 0.4 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 99916823 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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Time (Min)
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Tetrachloro-m-xylene
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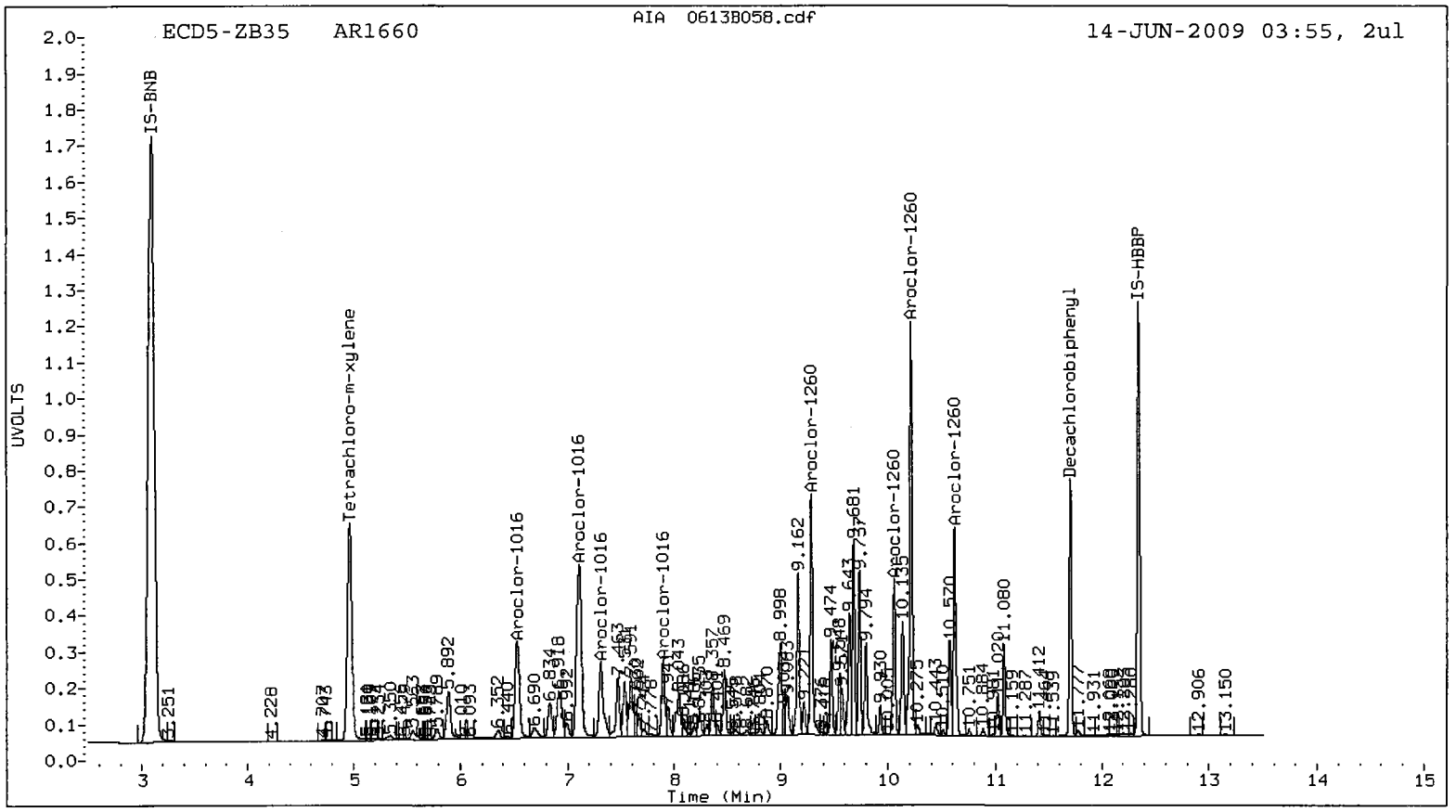
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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UVOLTS
Time (Min)
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Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/15/09

Lab Standard ID: AR1242 Time Analyzed :1129

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1242-1	5.90	5.80	6.00	251.2	250.0	0.5
Aroclor-1242-2	6.28	6.18	6.38	240.1	250.0	-4.0
Aroclor-1242-3	6.42	6.32	6.52	241.2	250.0	-3.5
Aroclor-1242-4	7.51	7.41	7.61	218.8	250.0	-12.5

AVERAGE %D = 5.1

FORM VII PCB

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/15/09

Lab Standard ID: AR1242 Time Analyzed :1129

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1242-1	6.53	6.43	6.63	231.3	250.0	-7.5
Aroclor-1242-2	7.11	7.01	7.21	242.1	250.0	-3.1
Aroclor-1242-3	7.31	7.21	7.41	245.1	250.0	-2.0
Aroclor-1242-4	8.19	8.09	8.29	231.6	250.0	-7.4

AVERAGE %D = 5.0

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0615-1.b/0615B016.d
Data file 2: 20090606.B/0615-2.b/0615B016.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1242
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1242
Client ID:
Injection Date: 15-JUN-2009 11:29
Report Date: 06/17/2009 12:26
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.400	0.001	7912929	4.966	0.000	8267322	23.7	22.2	6.3	Tetrachloro-m-xylene
11.060	-0.001	5005213	11.703	0.001	5632531	20.9	21.8	4.3	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	59.1	55.6
Decachlorobiphenyl	52.2	54.4

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	25552118	-14.9
Hexabromobiphenyl	12924817	8751214	-32.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	28782788	-13.5
Hexabromobiphenyl	11348053	8964755	-21.0

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1242	1	5.903	0.001	1888319	251.2	1	6.531	0.001	2882883	231.3
Aroclor-1242	2	6.277	-0.001	5753723	240.1	2	7.110	-0.001	6196515	242.1
Aroclor-1242	3	6.420	-0.001	2518427	241.2	3	7.306	-0.002	2393336	245.1
Aroclor-1242	4	7.511	0.000	1804329	218.8	4	8.185	0.000	1029116	231.6

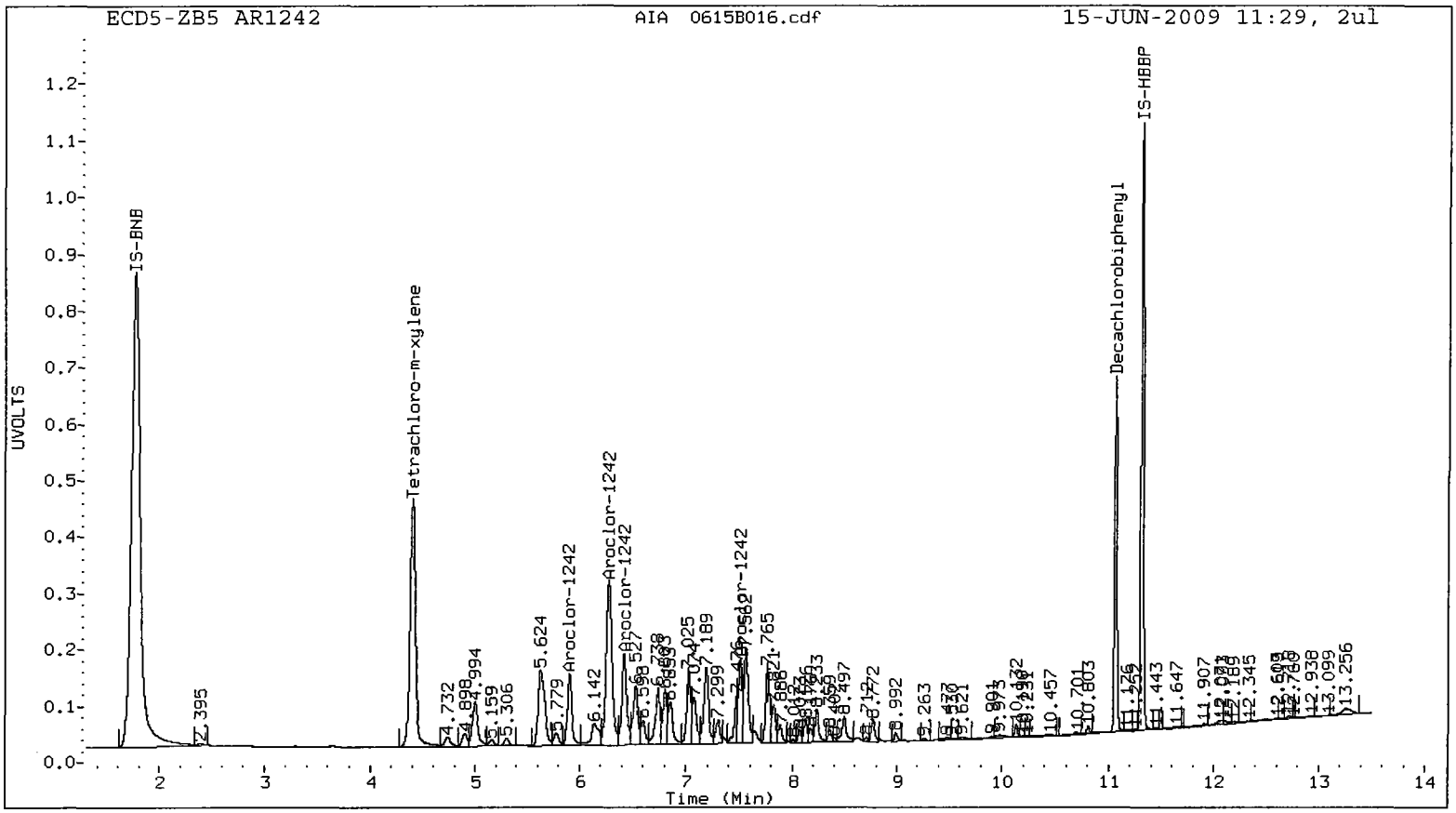
Total Col1Ave (4 peaks): 237.8 Total Col2Ave (4 peaks): 237.5 RPD = 0

Corrected Ave (3 peaks): 233.4 Corrected Ave (3 peaks): 235.0 RPD = 1

Total PCB Area Col1 (4.499 - 10.961) = 41126124 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 44036746 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical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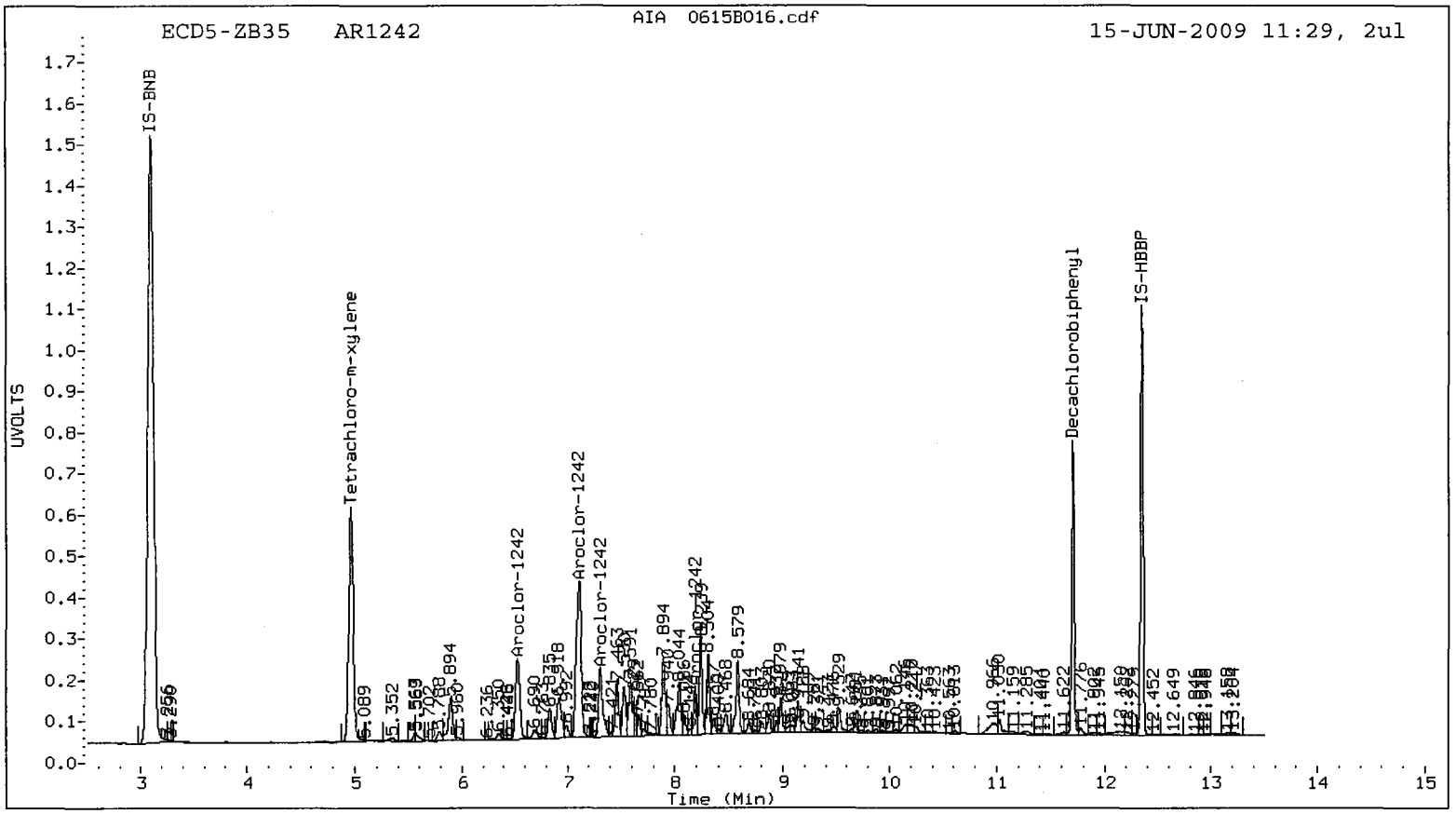
IS-HBBP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UVOLTS
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Aroclor-1242
Decachlorobiphenyl
IS-HBBP

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/15/09

Lab Standard ID: AR1660 Time Analyzed :1147

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D	
Aroclor-1016-1	5.91	5.80	6.00	269.8	250.0	7.9	
Aroclor-1016-2	6.28	6.18	6.38	258.0	250.0	3.2	
Aroclor-1016-3	6.42	6.32	6.52	262.1	250.0	4.8	
Aroclor-1016-4	0.00	6.43	6.63	0.0	250.0	-100.0	<-

AVERAGE %D = 29.0

Date Analyzed :06/15/09

Lab Standard ID: AR1660 Time Analyzed :1147

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.15	9.05	9.25	274.1	250.0	9.6
Aroclor-1260-2	9.37	9.27	9.47	268.5	250.0	7.4
Aroclor-1260-3	9.62	9.52	9.72	264.1	250.0	5.6
Aroclor-1260-4	9.90	9.80	10.00	258.0	250.0	3.2
Aroclor-1260-5	10.02	9.92	10.12	260.2	250.0	4.1

AVERAGE %D = 6.0

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/15/09

Lab Standard ID: AR1660 Time Analyzed :1147

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	6.53	6.43	6.63	255.3	250.0	2.1
Aroclor-1016-2	7.11	7.01	7.21	252.6	250.0	1.0
Aroclor-1016-3	7.31	7.21	7.41	240.4	250.0	-3.8
Aroclor-1016-4	7.89	7.79	7.99	247.1	250.0	-1.2

AVERAGE %D = 2.0

Date Analyzed :06/15/09

Lab Standard ID: AR1660 Time Analyzed :1147

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.29	9.19	9.39	298.9	250.0	19.5
Aroclor-1260-2	10.06	9.96	10.16	271.2	250.0	8.5
Aroclor-1260-3	10.22	10.12	10.32	277.6	250.0	11.0
Aroclor-1260-4	10.62	10.52	10.72	272.5	250.0	9.0

AVERAGE %D = 12.0

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0615-1.b/0615B017.d
Data file 2: 20090606.B/0615-2.b/0615B017.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660
Client ID:
Injection Date: 15-JUN-2009 11:47
Report Date: 06/17/2009 12:26
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.399	0.000	7446374	4.967	0.000	8139175	20.4	19.9	2.5	Tetrachloro-m-xylene
11.060	0.000	4916492	11.703	0.001	5344323	18.2	18.7	2.7	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	50.9	49.6
Decachlorobiphenyl	45.6	46.9

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27944327	-7.0
Hexabromobiphenyl	12924817	9827983	-24.0

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31714782	-4.7
Hexabromobiphenyl	11348053	9878141	-13.0

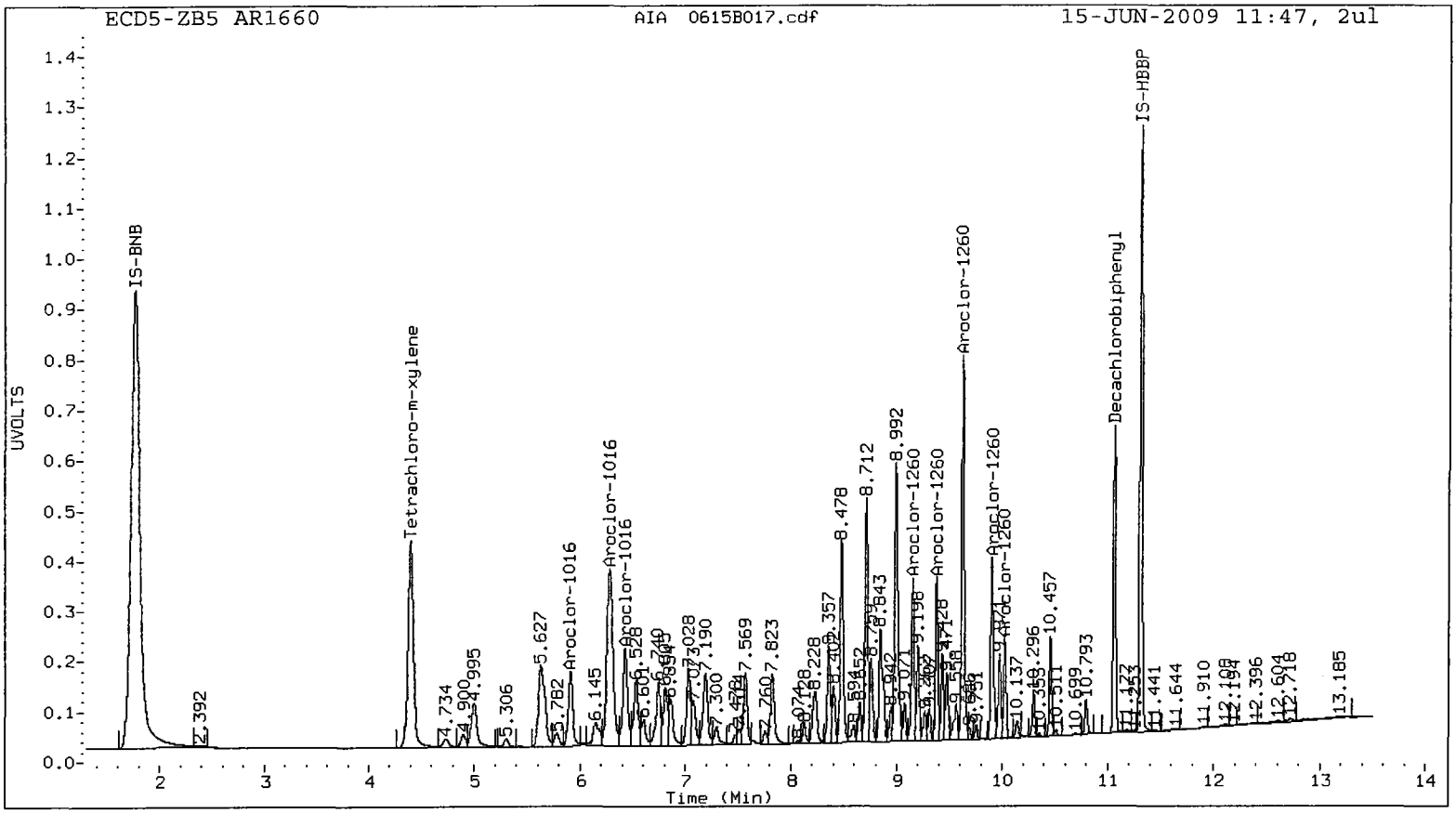
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.905	0.001	2280538	269.8	1	6.530	-0.001	3688534	255.3
Aroclor-1016	2	6.278	0.000	7019693	258.0	2	7.111	0.001	7631266	252.6
Aroclor-1016	3	6.422	0.001	3045621	262.1	3	7.308	0.001	2833756	240.4
Aroclor-1016	4	---			0.0	4	7.894	0.001	2221956	247.1
	Total Col1Ave (3 peaks):				263.3		Total Col2Ave (4 peaks):			248.9 RPD = 6
	Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):			246.7
Aroclor-1260	1	9.149	0.001	2892412	274.1	1	9.289	0.001	5546606	298.9
Aroclor-1260	2	9.375	0.001	2687865	268.5	2	10.055	0.000	3263301	271.2
Aroclor-1260	3	9.621	0.000	6719773	264.1	3	10.215	0.000	8581418	277.6
Aroclor-1260	4	9.899	0.000	3404577	258.0	4	10.615	0.000	5002107	272.5
Aroclor-1260	5	10.021	0.001	1675695	260.2	NS	---			----
	Total Col1Ave (5 peaks):				265.0		Total Col2Ave (4 peaks):			280.0 RPD = 6
	Corrected Ave (4 peaks):				262.7		Corrected Ave (3 peaks):			273.8 RPD = 4

Total PCB Area Col1 (4.499 - 10.961) = 93178426 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 98362022 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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Aroclor-1260
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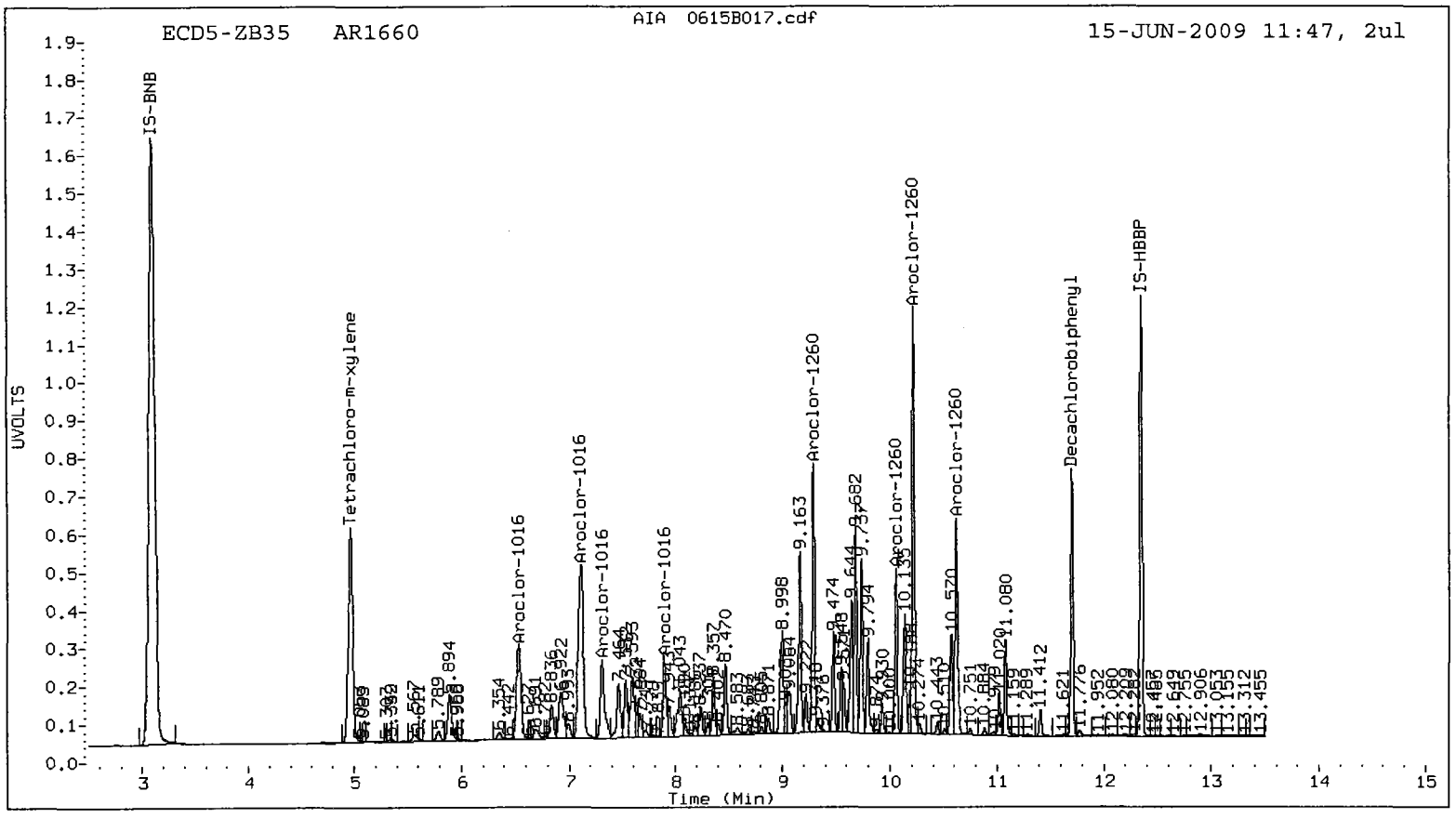
IS-HBBP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Time (Min)
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Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/15/09

Lab Standard ID: AR1248 Time Analyzed :1421

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1248-1	6.27	6.17	6.37	254.7	250.0	1.9
Aroclor-1248-2	6.74	6.64	6.84	253.2	250.0	1.3
Aroclor-1248-3	7.02	6.92	7.12	254.7	250.0	1.9
Aroclor-1248-4	7.56	7.46	7.66	238.2	250.0	-4.7

AVERAGE %D = 2.5

FORM VII PCB

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/15/09

Lab Standard ID: AR1248 Time Analyzed :1421

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1248-1	7.10	7.00	7.20	252.9	250.0	1.1
Aroclor-1248-2	7.53	7.43	7.63	254.0	250.0	1.6
Aroclor-1248-3	7.89	7.79	7.99	248.6	250.0	-0.6
Aroclor-1248-4	8.24	8.14	8.34	252.4	250.0	1.0

AVERAGE %D = 1.1

FORM VII PCB

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0615-1.b/0615B026.d
Data file 2: 20090606.B/0615-2.b/0615B026.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1248
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1248
Client ID:
Injection Date: 15-JUN-2009 14:21
Report Date: 06/17/2009 12:26
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.395	-0.004	7950250	4.964	-0.002	9211027	23.4	24.0	2.2	Tetrachloro-m-xylene
11.059	-0.002	5246963	11.702	-0.001	5932958	21.7	22.7	4.5	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	58.6	59.9
Decachlorobiphenyl	54.2	56.7

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	25914269	-13.7
Hexabromobiphenyl	12924817	8829878	-31.7

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	29736878	-10.6
Hexabromobiphenyl	11348053	9071118	-20.1

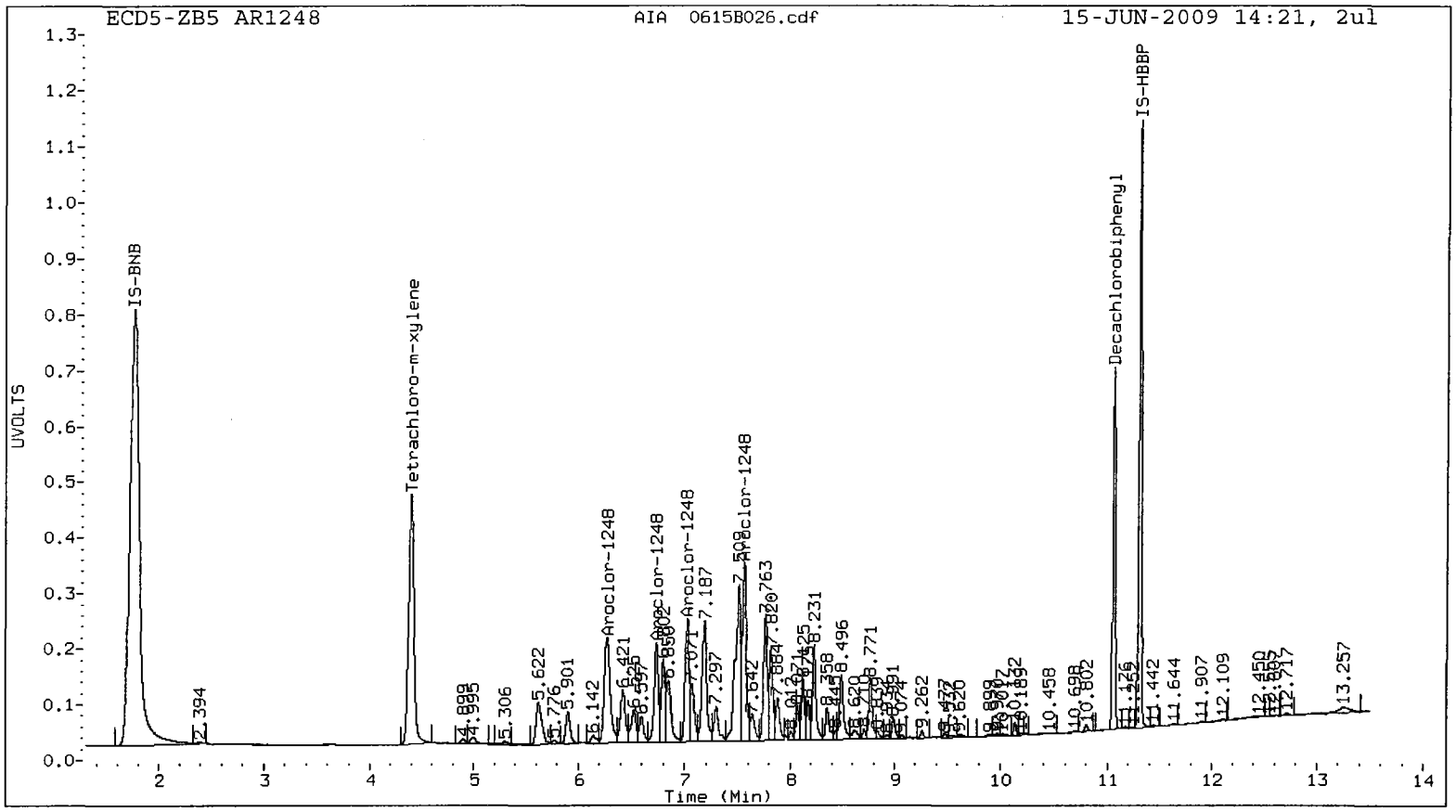
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

		ZB5 Col				ZB35 Col			
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1248	1	6.273	-0.002	3816075	254.7	1	7.103	-0.001	4193126	252.9
Aroclor-1248	2	6.737	-0.001	2482409	253.2	2	7.530	-0.002	2423871	254.0
Aroclor-1248	3	7.023	-0.002	2916248	254.7	3	7.891	-0.001	3095288	248.6
Aroclor-1248	4	7.561	-0.002	4367412	238.2	4	8.238	-0.002	4083450	252.4
Total Col1Ave (4 peaks):					250.2	Total Col2Ave (4 peaks):				252.0 RPD = 1
Corrected Ave (3 peaks):					248.7	Corrected Ave (3 peaks):				251.3 RPD = 1

Total PCB Area Col1 (4.499 - 10.961) = 51094616 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 52720849 Col2 Total PCB = 0.3 ppm*

* Quantitated against AR1660 0.25ppm in Ical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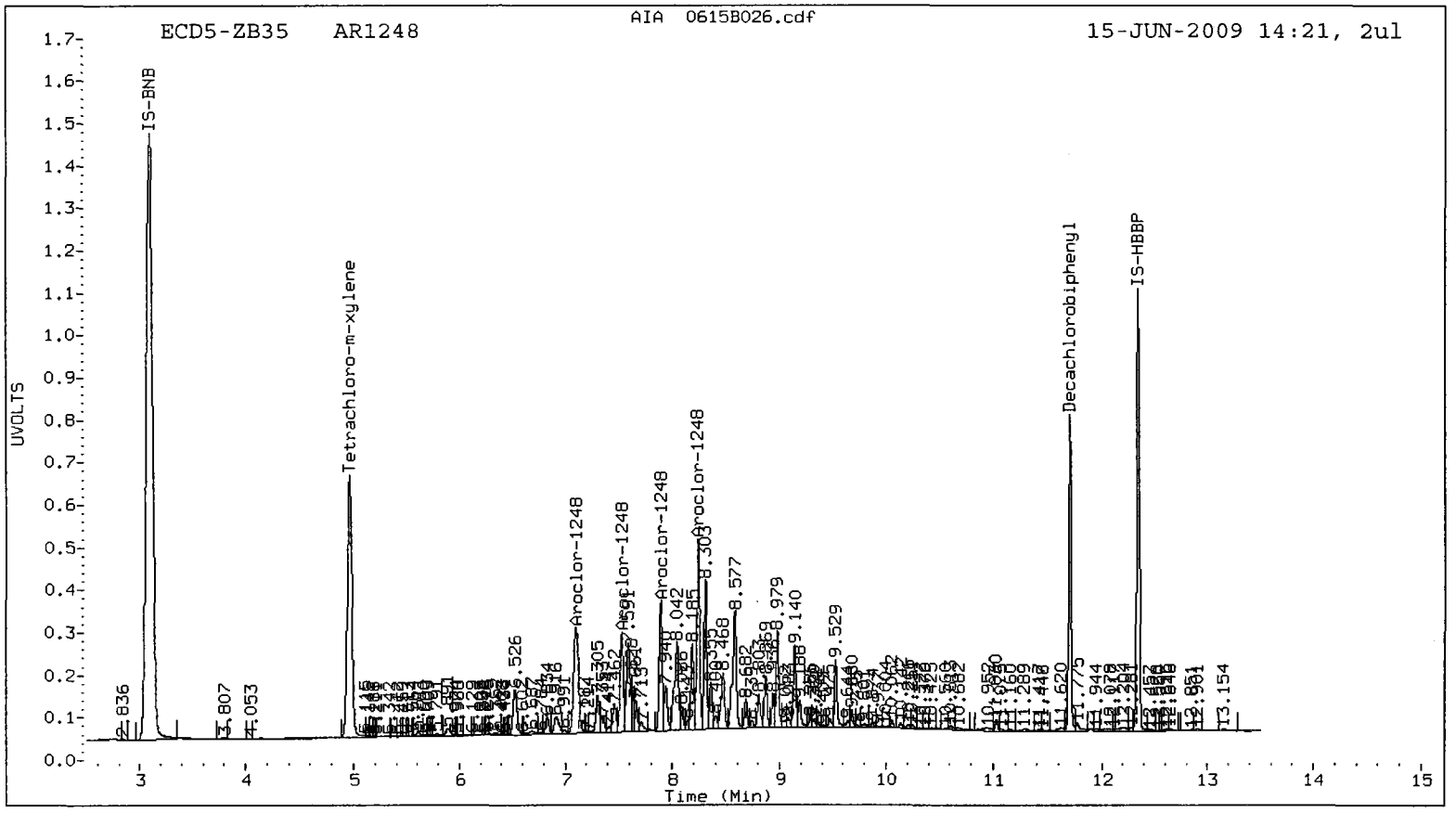
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Time (Min)
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Tetrachloro-m-xylene
Aroclor-1248
Decachlorobiphenyl
IS-HBBP

7F

PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB5 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/15/09

Lab Standard ID: AR1660 Time Analyzed :1438

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D	
Aroclor-1016-1	5.90	5.80	6.00	271.8	250.0	8.7	
Aroclor-1016-2	6.27	6.18	6.38	259.3	250.0	3.7	
Aroclor-1016-3	6.42	6.32	6.52	266.3	250.0	6.5	
Aroclor-1016-4	0.00	6.43	6.63	0.0	250.0	-100.0	<-

AVERAGE %D = 29.7

Date Analyzed :06/15/09

Lab Standard ID: AR1660 Time Analyzed :1438

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.15	9.05	9.25	276.0	250.0	10.4
Aroclor-1260-2	9.37	9.27	9.47	272.7	250.0	9.1
Aroclor-1260-3	9.62	9.52	9.72	266.8	250.0	6.7
Aroclor-1260-4	9.90	9.80	10.00	262.3	250.0	4.9
Aroclor-1260-5	10.02	9.92	10.12	265.4	250.0	6.2

AVERAGE %D = 7.5

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ENVIRO SCI CORP

ARI Job No.: PB44 Project: JELD-WEN NORD DOOR

GC Column: ZB35 Intrument: ECD5

Init. Calib. Date: 06/07/09

Date Analyzed :06/15/09

Lab Standard ID: AR1660 Time Analyzed :1438

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1016-1	6.53	6.43	6.63	260.0	250.0	4.0
Aroclor-1016-2	7.11	7.01	7.21	257.0	250.0	2.8
Aroclor-1016-3	7.31	7.21	7.41	250.0	250.0	-0.0
Aroclor-1016-4	7.89	7.79	7.99	256.3	250.0	2.5

AVERAGE %D = 2.3

Date Analyzed :06/15/09

Lab Standard ID: AR1660 Time Analyzed :1438

COMPOUND/PEAK NO.	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor-1260-1	9.29	9.19	9.39	298.8	250.0	19.5
Aroclor-1260-2	10.06	9.96	10.16	281.0	250.0	12.4
Aroclor-1260-3	10.21	10.12	10.32	282.0	250.0	12.8
Aroclor-1260-4	10.61	10.52	10.72	274.3	250.0	9.7

AVERAGE %D = 13.6

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0615-1.b/0615B027.d
Data file 2: 20090606.B/0615-2.b/0615B027.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: AR1660
Client ID:
Injection Date: 15-JUN-2009 14:38
Report Date: 06/17/2009 12:26
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.396	-0.003	7642146	4.964	-0.002	8540911	20.7	20.3	2.0	Tetrachloro-m-xylene
11.059	-0.001	4962703	11.703	0.000	5379430	18.5	18.8	1.4	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	51.8	50.8
Decachlorobiphenyl	46.3	47.0

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28193289	-6.1
Hexabromobiphenyl	12924817	9764614	-24.5

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32547580	-2.2
Hexabromobiphenyl	11348053	9917879	-12.6

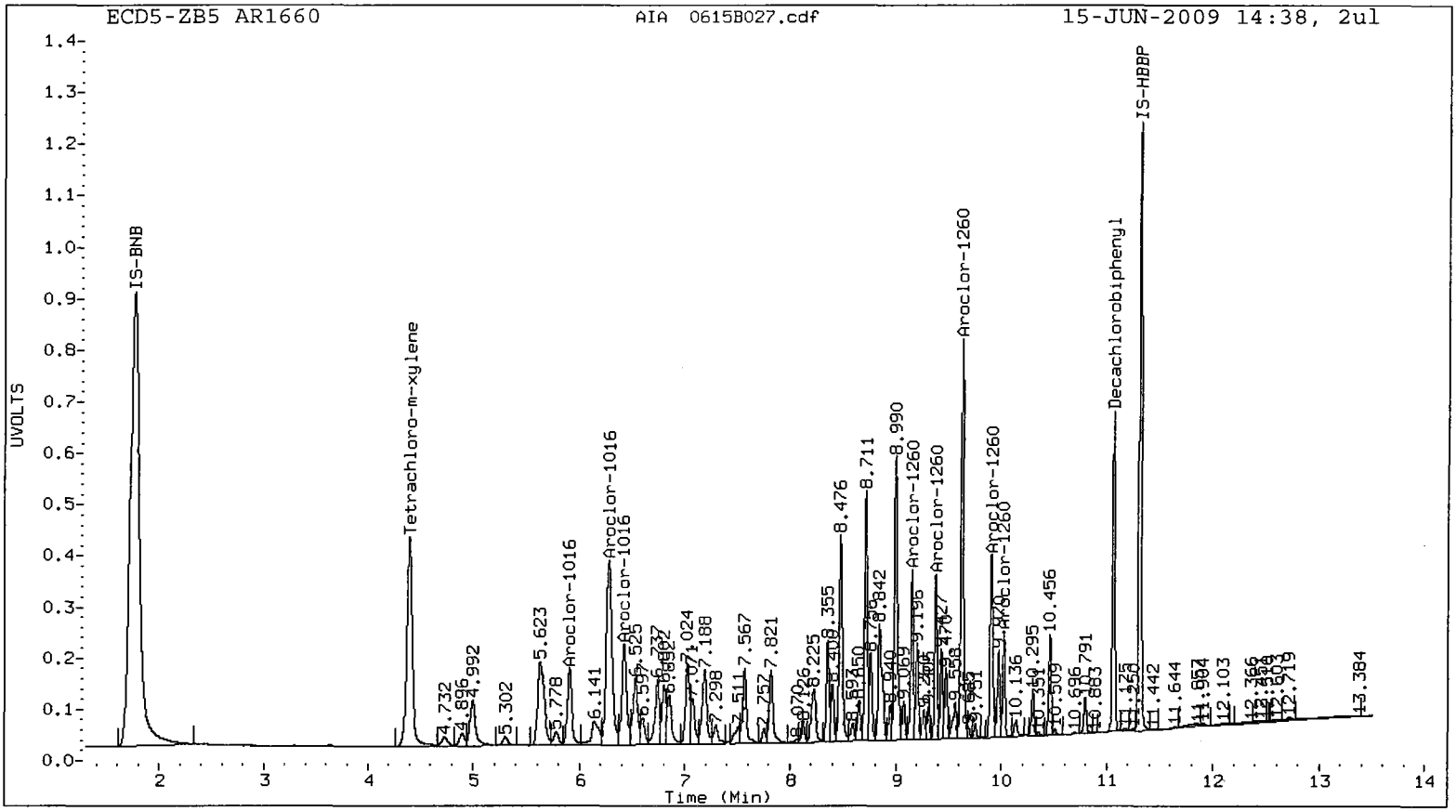
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.901	-0.003	2317881	271.8	1	6.531	0.000	3855780	260.0
Aroclor-1016	2	6.275	-0.003	7119351	259.3	2	7.108	-0.001	7965449	257.0
Aroclor-1016	3	6.419	-0.002	3122483	266.3	3	7.306	-0.002	3023618	250.0
Aroclor-1016	4	---			0.0	4	7.892	-0.001	2365854	256.3
	Total Col1Ave (3 peaks):				265.8	Total Col2Ave (4 peaks):			255.8	RPD = 4
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			254.4	
Aroclor-1260	1	9.147	-0.001	2893128	276.0	1	9.288	0.000	5567192	298.8
Aroclor-1260	2	9.373	-0.001	2712229	272.7	2	10.055	0.000	3394761	281.0
Aroclor-1260	3	9.619	-0.002	6745668	266.8	3	10.214	-0.001	8751135	282.0
Aroclor-1260	4	9.899	0.000	3438793	262.3	4	10.615	-0.001	5055760	274.3
Aroclor-1260	5	10.020	0.000	1697833	265.4	NS	---			----
	Total Col1Ave (5 peaks):				268.6	Total Col2Ave (4 peaks):			284.0	RPD = 6
	Corrected Ave (4 peaks):				266.8	Corrected Ave (3 peaks):			279.1	RPD = 5

Total PCB Area Col1 (4.499 - 10.961) = 94692600 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 101600554 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.25ppm in Ical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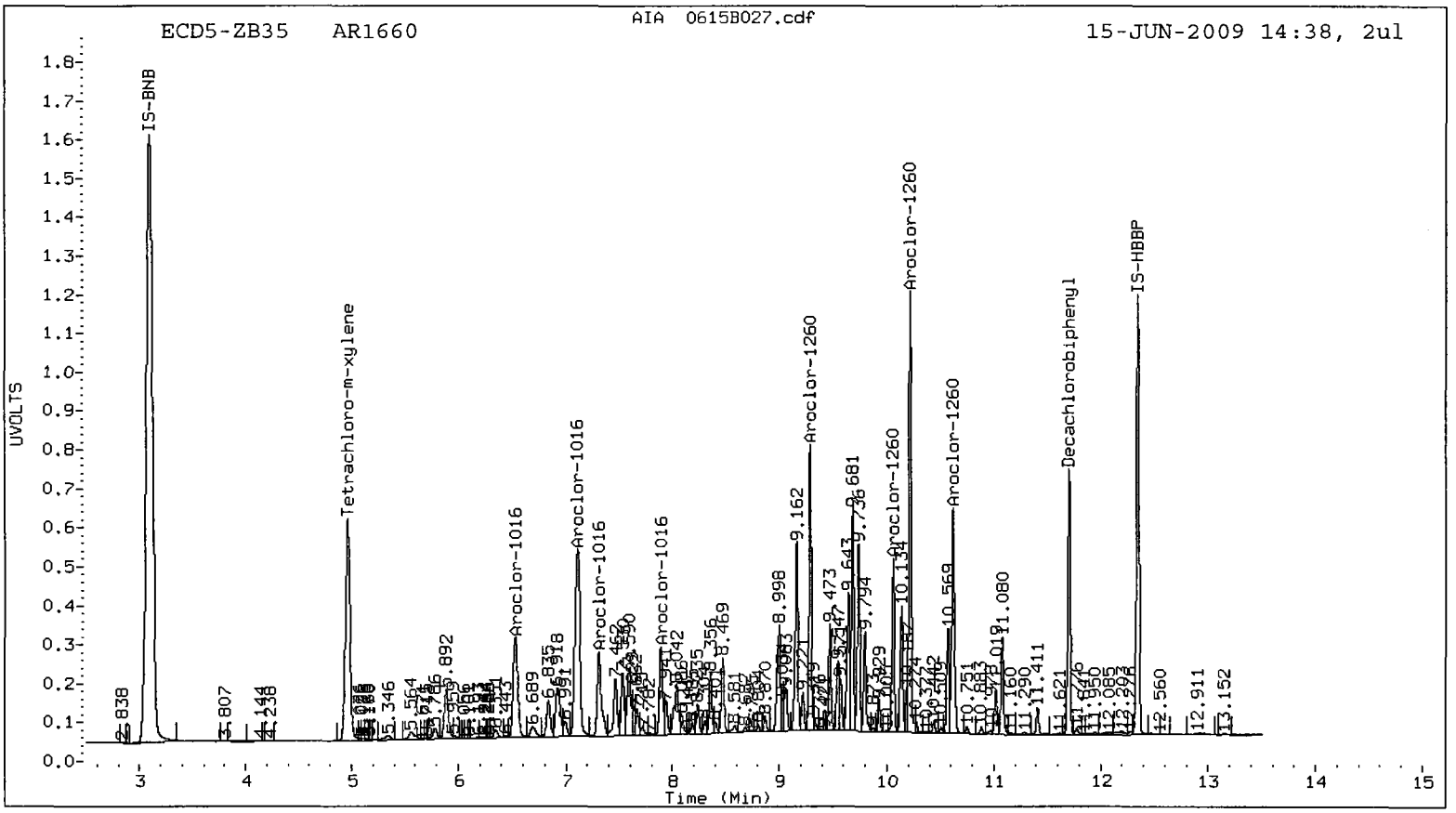
Aroclor-1260
Decachlorobiphenyl
IS-HBBP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Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl
IS-HBBP

PCB Analysis
QC Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: MB-061009
METHOD BLANK

Lab Sample ID: MB-061009
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Date Extracted: 06/10/09
Date Analyzed: 06/13/09 23:54
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: Yes

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	0.8	< 0.8 U
53469-21-9	Aroclor 1242	0.8	< 0.8 U
12672-29-6	Aroclor 1248	0.8	< 0.8 U
11097-69-1	Aroclor 1254	0.8	< 0.8 U
11096-82-5	Aroclor 1260	0.8	< 0.8 U
11104-28-2	Aroclor 1221	0.8	< 0.8 U
11141-16-5	Aroclor 1232	0.8	< 0.8 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	64.8%
Tetrachlorometaxylene	57.8%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B044.d
Data file 2: 20090606.B/0613-2.b/0613B044.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44MBS1
Client ID:
Injection Date: 13-JUN-2009 23:54
Report Date: 06/17/2009 09:13
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.397	-0.002	8224678	4.966	0.000	9315555	20.2	23.1	13.6	Tetrachloro-m-xylene
11.059	-0.001	8773243	11.704	0.001	9100170	25.9	25.6	1.1	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	50.4	57.8
Decachlorobiphenyl	64.7	64.0

JK 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	31144153	3.7
Hexabromobiphenyl	12924817	12365913	-4.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31159865	-6.4
Hexabromobiphenyl	11348053	12316408	8.5

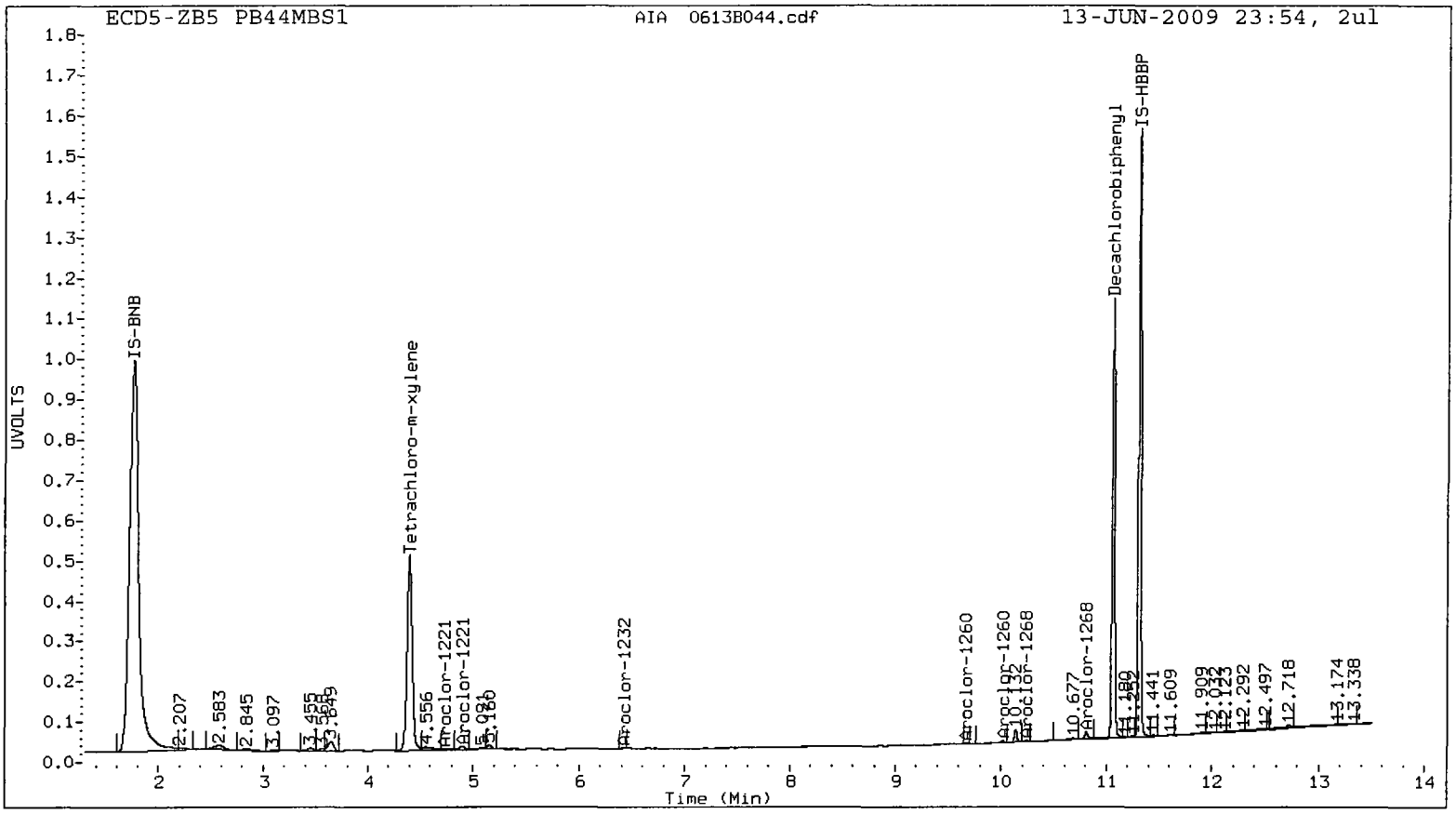
* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	---			0.0	1	6.537	0.006	107116	7.5
Aroclor-1016	2	---			0.0	2	7.084	-0.026	44878	1.5
Aroclor-1016	3	---			0.0	3	7.313	0.005	47126	4.1
Aroclor-1016	4	---			0.0	4	7.960	0.068	111256	12.6
		Col1Ave: <3 Quant Peaks					Col2Ave:	6.4		
Aroclor-1221	1	4.736	0.004	115473	6.8	1	5.609	0.043	345498	19.1
Aroclor-1221	2	4.899	0.004	170257	15.7	2	5.846	0.054	326171	30.2
Aroclor-1221	3	---			0.0	3	5.901	0.005	213797	6.0
Aroclor-1221	NS	---			----	4	7.313	0.003	47126	8.3
		Col1Ave: <3 Quant Peaks					Col2Ave:	15.9		
Aroclor-1232	1	4.899	0.001	170257	12.2	1	5.901	0.005	213797	18.4
Aroclor-1232	2	---			0.0	2	6.537	0.002	107116	10.1
Aroclor-1232	3	---			0.0	3	7.084	-0.030	44878	2.2
Aroclor-1232	4	6.428	0.003	21603	2.3	4	7.313	0.003	47126	5.8
		Col1Ave: <3 Quant Peaks					Col2Ave:	9.1		
Aroclor-1242	1	---			0.0	1	6.537	0.008	107116	7.9
Aroclor-1242	2	---			0.0	2	7.084	-0.027	44878	1.6
Aroclor-1242	3	---			0.0	3	7.313	0.005	47126	4.5
Aroclor-1242	4	---			0.0	4	8.122	-0.064	47804	9.9
		Col1Ave: <3 Quant Peaks					Col2Ave:	6.0		
Aroclor-1248	1	---			0.0	1	7.084	-0.021	44878	2.6
Aroclor-1248	2	---			0.0	2	7.571	0.039	125327	12.5
Aroclor-1248	3	---			0.0	3	7.960	0.068	111256	8.5
Aroclor-1248	4	---			0.0	4	8.272	0.033	90611	5.3
		Col1Ave: <3 Quant Peaks					Col2Ave:	7.2		
Aroclor-1254	1	---			0.0	1	8.404	-0.065	82714	4.6
Aroclor-1254	2	---			0.0	2	8.878	0.008	65644	5.6
Aroclor-1254	3	---			0.0	3	8.988	0.007	62983	2.7
Aroclor-1254	4	---			0.0	4	9.166	0.025	43662	1.6
Aroclor-1254	5	---			0.0	5	9.490	-0.042	46065	2.9
		Col1Ave: <3 Quant Peaks					Col2Ave:	3.5		
Aroclor-1260	1	---			0.0	1	9.245	-0.043	36974	1.6
Aroclor-1260	2	---			0.0	2	10.069	0.014	38764	2.6
Aroclor-1260	3	9.665	0.044	21720	0.7	3	10.238	0.022	101963	2.6
Aroclor-1260	4	---			0.0	4	10.612	-0.003	17461	0.8
Aroclor-1260	5	10.013	-0.007	32783	4.0	NS	---			----
		Col1Ave: <3 Quant Peaks					Col2Ave:	1.9		
Aroclor-1262	1	---			0.0	1	10.069	0.011	38764	1.2
Aroclor-1262	2	9.665	0.046	21720	0.3	2	10.238	0.019	101963	1.4
Aroclor-1262	3	10.013	-0.008	32783	1.2	3	10.561	-0.010	31094	1.0
Aroclor-1262	4	---			0.0	4	10.612	-0.006	17461	0.4
Aroclor-1262	5	---			0.0	5	11.118	0.035	29768	1.2
		Col1Ave: <3 Quant Peaks					Col2Ave:	1.0		
Aroclor-1268	1	10.013	-0.008	32783	0.6	1	10.561	-0.010	31094	0.5
Aroclor-1268	2	---			0.0	2	10.612	-0.006	17461	0.3
Aroclor-1268	3	10.232	0.001	22110	0.6	3	10.886	-0.002	75436	1.9
Aroclor-1268	4	10.804	0.001	186379	1.7	4	11.406	-0.010	14821	0.1
		Total Col1Ave (3 peaks):			0.9		Total Col2Ave (4 peaks):		0.7	RPD = 28
		Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):		0.3	

Total PCB Area Col1 (4.499 - 10.961) = 1470268 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 5620533 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.25ppm in Ical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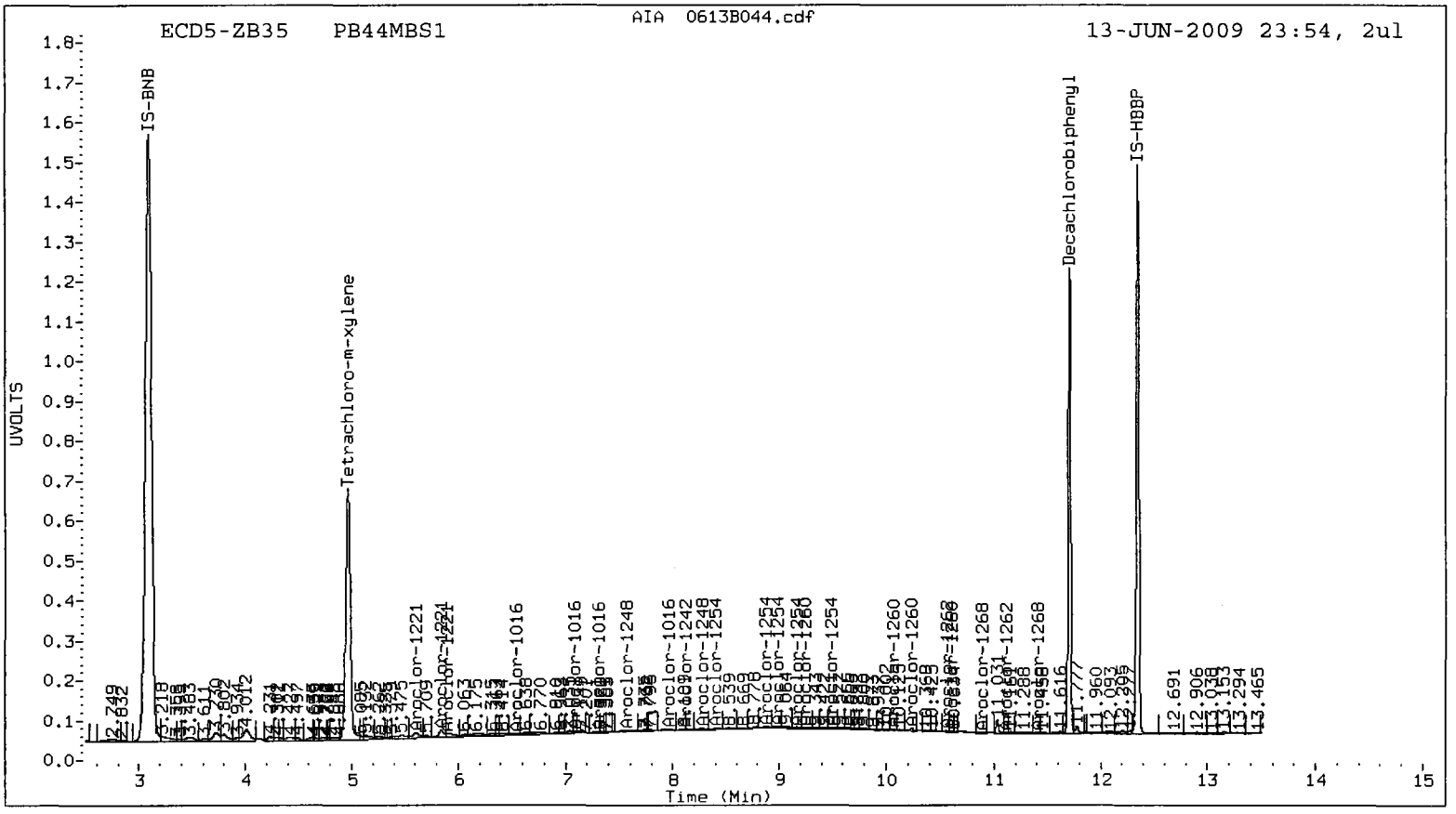
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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Aroclor-1242
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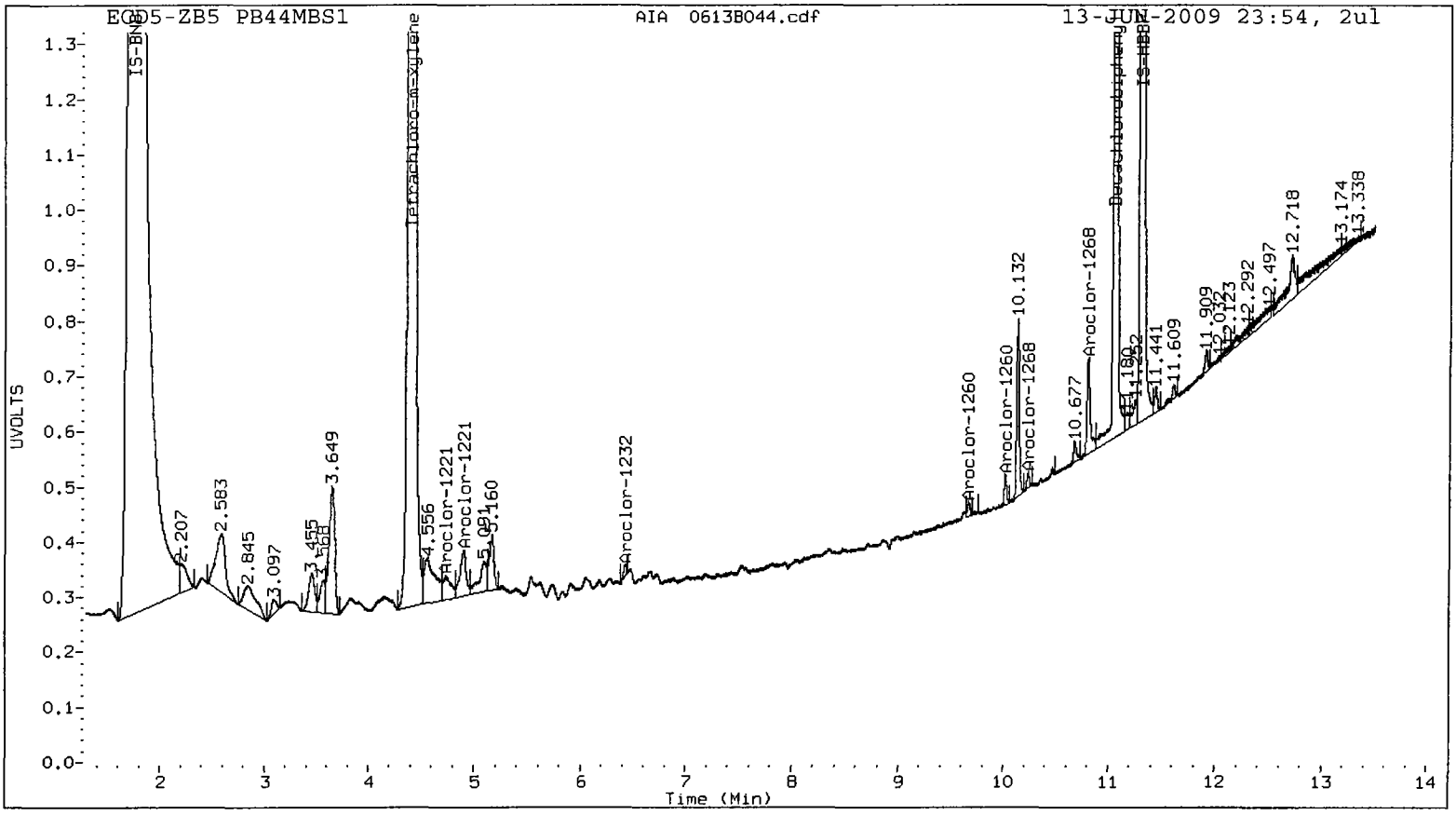
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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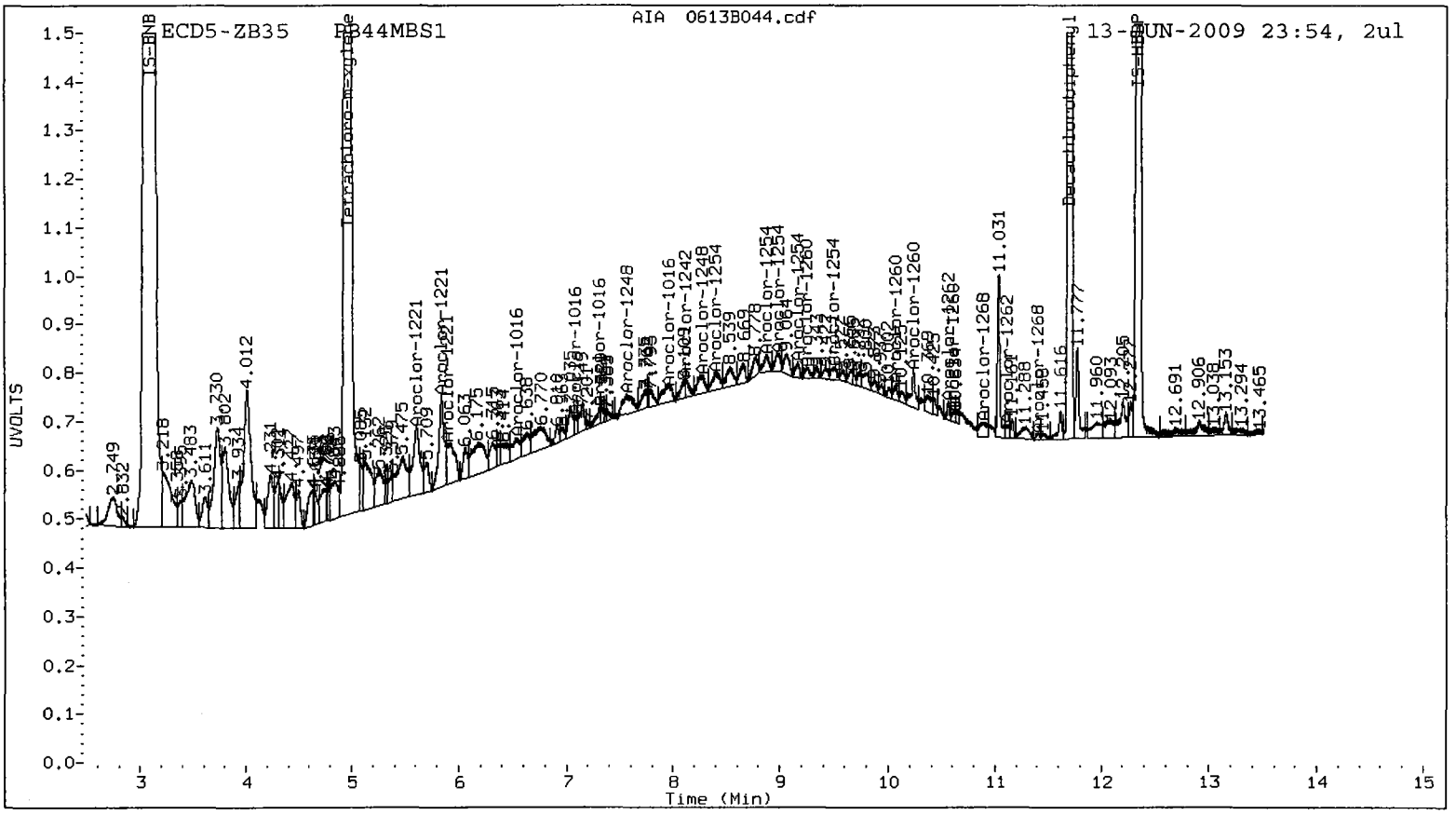
Time (Min)
IS-BNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1232
Aroclor-1260
Aroclor-1268
Decachlorobiphenyl
IS-HBB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Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED3-A
MATRIX SPIKE

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 01:37
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	---
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	Aroclor 1254	4.0	< 4.0 U
11096-82-5	Aroclor 1260	4.0	---
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	102%
Tetrachlorometaxylene	77.8%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B050.d
Data file 2: 20090606.B/0613-2.b/0613B050.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44DMS
Client ID:
Injection Date: 14-JUN-2009 01:37
Report Date: 06/17/2009 09:37
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col			ZB35 Col			ZB5	ZB35		
RT	Shift	Response	RT	Shift	Response	on col	on col	RPD	Compound/Flag
4.398	-0.001	2325596	4.968	0.001	2302701	6.2	5.5	12.3	Tetrachloro-m-xylene
11.060	0.000	3270712	11.702	-0.001	2505013	12.0	8.1	38.5	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	77.7	68.7
Decachlorobiphenyl	150.0	101.6

JK 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	28582622	-4.8
Hexabromobiphenyl	12924817	9938023	-23.1

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	32425471	-2.6
Hexabromobiphenyl	11348053	10674403	-5.9

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.903	-0.001	529720	61.3	1	6.531	0.000	852476	57.7
Aroclor-1016	2	6.277	-0.001	1782360	64.0	2	7.109	0.000	1905544	61.7
Aroclor-1016	3	6.422	0.001	751079	63.2	3	7.307	0.000	772659	64.1
Aroclor-1016	4	6.525	-0.003	488837	64.2	4	7.893	0.000	617101	67.1
	Total Col1Ave (4 peaks):				63.2		Total Col2Ave (4 peaks):			62.7 RPD = 1
	Corrected Ave (3 peaks):				62.8		Corrected Ave (3 peaks):			61.2 RPD = 3
Aroclor-1221	1	4.673	-0.060	609510	39.1	1	5.568	0.002	617547	32.7
Aroclor-1221	2	4.897	0.002	111315	11.2	2	5.844	0.053	387299	34.5
Aroclor-1221	3	4.993	0.003	440550	11.8	3	5.928	0.032	6448734	173.6
Aroclor-1221	NS	---			----	4	7.307	-0.003	772659	131.5
	Total Col1Ave (3 peaks):				20.7		Total Col2Ave (4 peaks):			93.1 RPD = 127*
	Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):			66.2
Aroclor-1232	1	4.993	0.095	440550	34.5	1	5.928	0.032	6448734	533.3
Aroclor-1232	2	5.903	0.001	529720	85.6	2	6.531	-0.004	852476	77.0
Aroclor-1232	3	6.277	0.004	1782360	90.0	3	7.109	-0.004	1905544	89.3
Aroclor-1232	4	6.422	-0.003	751079	88.0	4	7.307	-0.003	772659	92.0
	Total Col1Ave (4 peaks):				74.5		Total Col2Ave (4 peaks):			197.9 RPD = 91*
	Corrected Ave (3 peaks):				69.4		Corrected Ave (3 peaks):			86.1 RPD = 22
Aroclor-1242	1	5.903	0.000	529720	63.0	1	6.531	0.002	852476	60.7
Aroclor-1242	2	6.277	-0.001	1782360	66.5	2	7.109	-0.002	1905544	66.1
Aroclor-1242	3	6.422	0.001	751079	64.3	3	7.307	0.000	772659	70.2
Aroclor-1242	4	7.513	0.003	98541	10.7	4	8.187	0.001	96527	19.3
	Total Col1Ave (4 peaks):				51.1		Total Col2Ave (4 peaks):			54.1 RPD = 6
	Corrected Ave (3 peaks):				46.0		Corrected Ave (3 peaks):			48.7 RPD = 6
Aroclor-1248	1	6.277	0.002	1782360	107.9	1	7.109	0.005	1905544	105.4
Aroclor-1248	2	6.738	-0.001	455108	42.1	2	7.531	0.000	440285	42.3
Aroclor-1248	3	7.024	0.000	538411	42.6	3	7.893	0.000	617101	45.4
Aroclor-1248	4	7.567	0.004	618134	30.6	4	8.236	-0.003	282232	16.0
	Total Col1Ave (4 peaks):				55.8		Total Col2Ave (4 peaks):			52.3 RPD = 6
	Corrected Ave (3 peaks):				38.4		Corrected Ave (3 peaks):			34.6 RPD = 11
Aroclor-1254	1	7.820	-0.001	631210	28.3	1	8.469	0.000	622169	33.2
Aroclor-1254	2	8.122	-0.003	417424	29.0	2	8.871	0.001	182403	14.8
Aroclor-1254	3	8.227	-0.004	883774	32.4	3	8.994	0.014	1217924	49.4
Aroclor-1254	4	8.476	-0.014	1365799	47.7	4	9.162	0.021	1529663	53.5
Aroclor-1254	5	8.757	-0.008	764320	44.3	5	9.548	0.016	996793	59.5
	Total Col1Ave (5 peaks):				36.3		Total Col2Ave (5 peaks):			42.1 RPD = 15
	Corrected Ave (4 peaks):				33.5		Corrected Ave (4 peaks):			37.7 RPD = 12
Aroclor-1260	1	9.146	-0.002	1069218	100.2	1	9.288	0.000	1965913	98.0
Aroclor-1260	2	9.374	0.000	930447	91.9	2	10.059	0.003	1788366	137.5
Aroclor-1260	3	9.620	0.000	4041072	157.1	3	10.219	0.003	4975471	149.0
Aroclor-1260	4	9.898	-0.001	1599791	119.9	4	10.616	0.001	2176746	109.7
Aroclor-1260	5	10.019	-0.001	723262	111.1	NS	---			----
	Total Col1Ave (5 peaks):				116.0		Total Col2Ave (4 peaks):			123.6 RPD = 6
	Corrected Ave (4 peaks):				105.8		Corrected Ave (3 peaks):			115.1 RPD = 8
Aroclor-1262	1	9.374	0.000	930447	43.5	1	10.059	0.001	1788366	66.2
Aroclor-1262	2	9.620	0.002	4041072	79.8	2	10.219	0.000	4975471	77.0
Aroclor-1262	3	9.971	-0.051	504918	23.3	3	10.568	-0.003	1102560	40.8
Aroclor-1262	4	10.019	9.019	723262	31.6	4	10.616	-0.002	2176746	55.3
Aroclor-1262	5	10.474	0.018	6233030	336.2	5	11.056	-0.027	17827000	818.4
	Total Col1Ave (5 peaks):				102.9		Total Col2Ave (5 peaks):			211.5 RPD = 69*
	Corrected Ave (4 peaks):				44.6		Corrected Ave (4 peaks):			59.8 RPD = 29
Aroclor-1268	1	9.971	-0.051	504918	12.0	1	10.568	-0.004	1102560	22.2
Aroclor-1268	2	10.019	9.019	723262	18.2	2	10.616	-0.002	2176746	47.9
Aroclor-1268	3	10.273	0.041	352177	11.1	3	10.879	-0.009	3386818	96.2
Aroclor-1268	4	10.795	-0.007	299443	3.3	4	11.409	-0.007	406247	4.0
	Total Col1Ave (4 peaks):				11.2		Total Col2Ave (4 peaks):			42.6 RPD = 117*

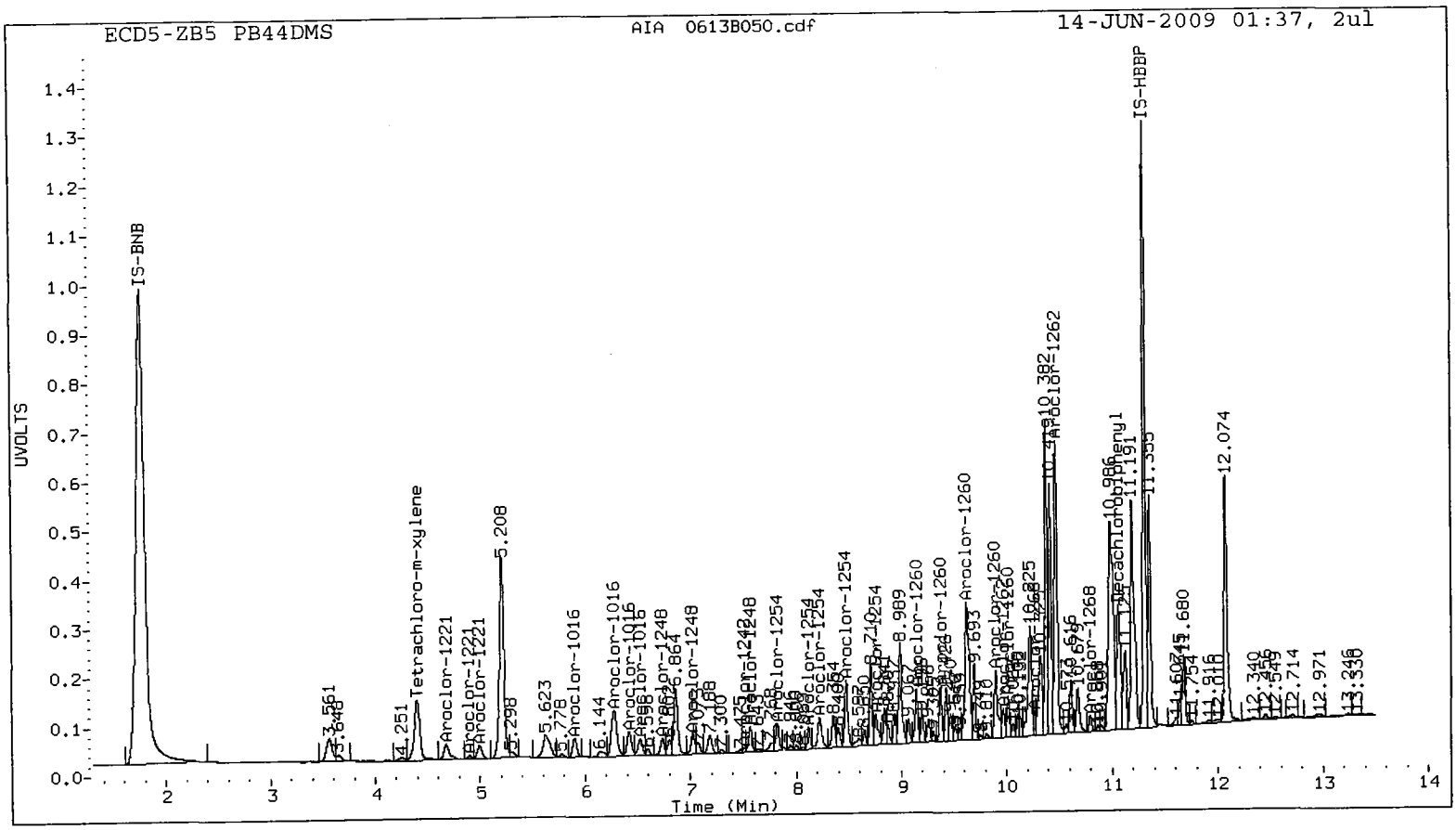
Corrected Ave (3 peaks): 8.8 Corrected Ave (3 peaks): 24.7 RPD = 95*

Total PCB Area Col1 (4.499 - 10.961) = 66310862 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 74084836 Col2 Total PCB = 0.4 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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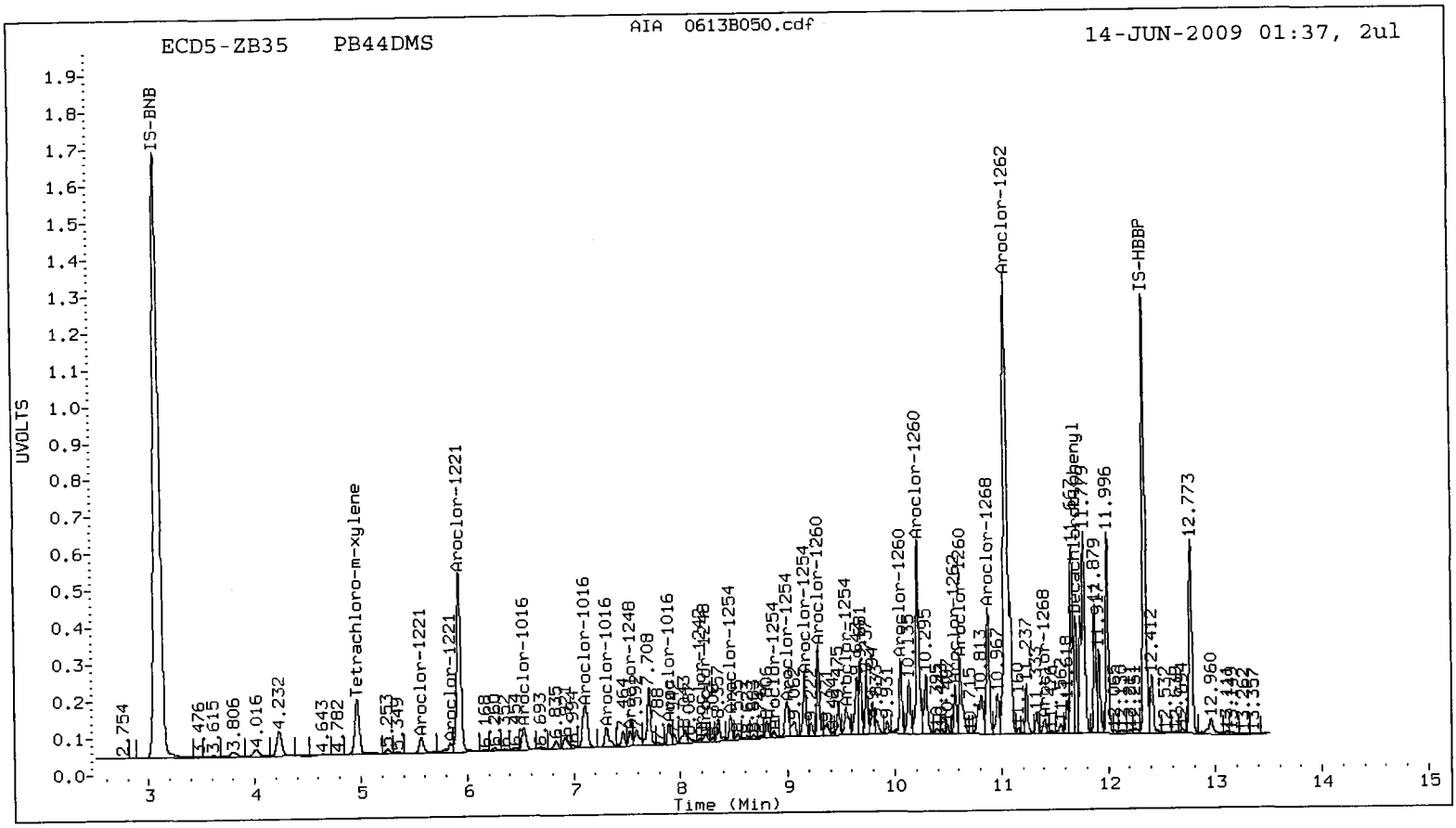
IS-HBBP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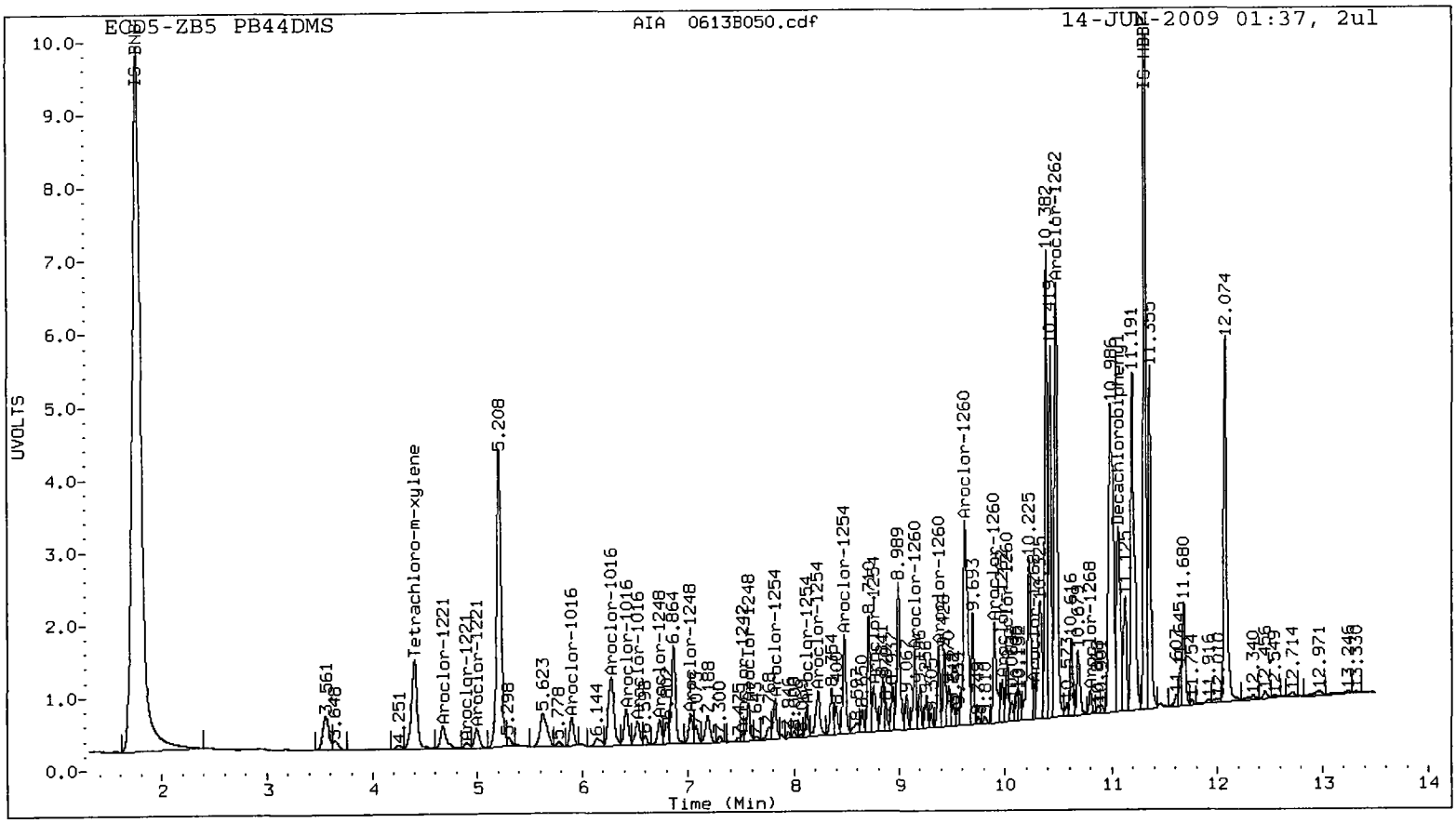
IS-HBBP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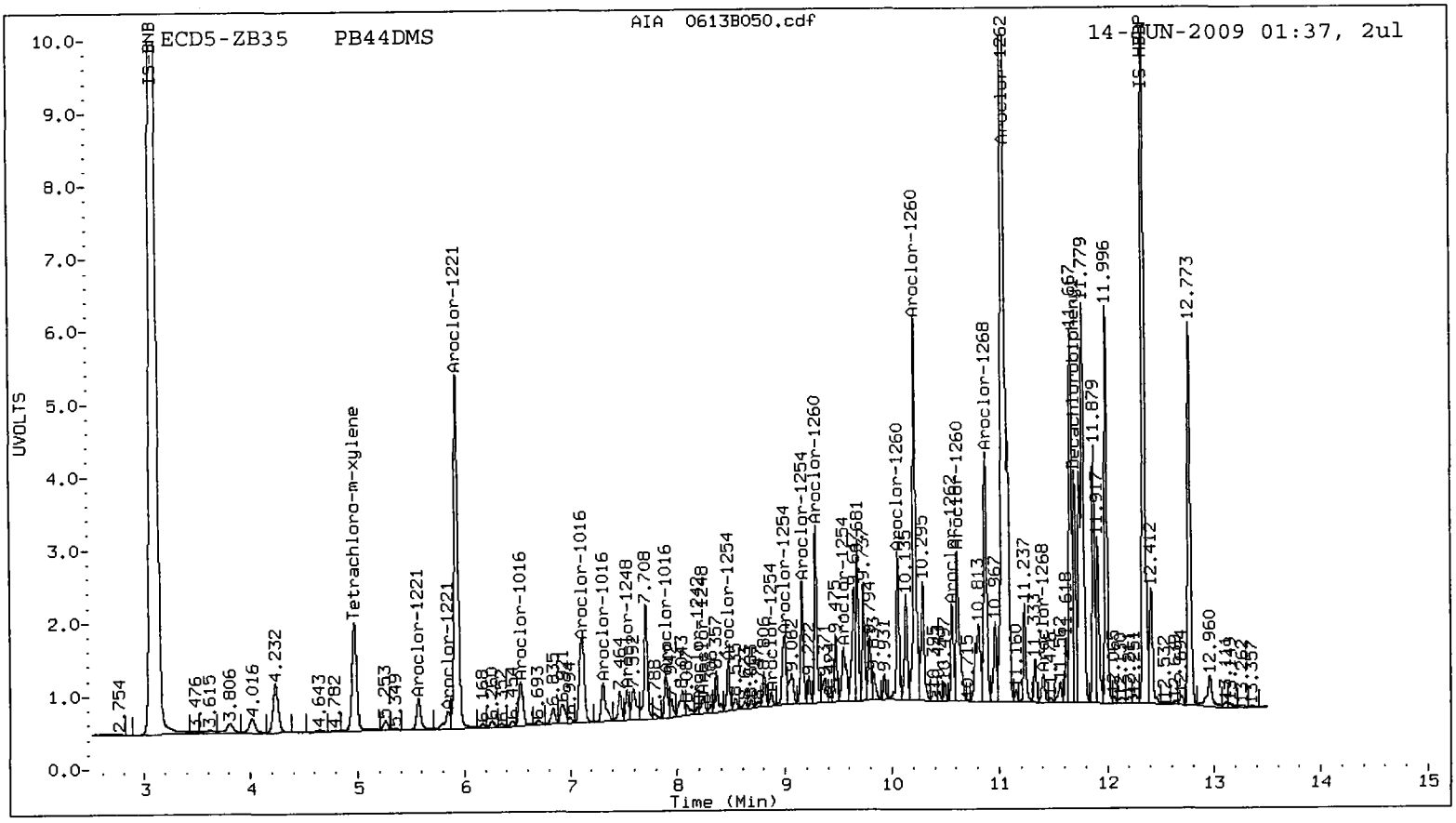
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: 3SED3-A
MATRIX SPIKE DUP

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Date Extracted: 06/10/09
Date Analyzed: 06/14/09 01:54
Instrument/Analyst: ECD5/JGR
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 5.00
Silica Gel: Yes

Percent Moisture: 16.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	---
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	---
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	109%
Tetrachlorometaxylene	77.4%

FORM I

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B051.d
Data file 2: 20090606.B/0613-2.b/0613B051.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44DMSD
Client ID:
Injection Date: 14-JUN-2009 01:54
Report Date: 06/17/2009 09:38
Matrix: SOIL
Dilution Factor: 5.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.401	0.002	2260757	4.970	0.004	2186701	6.2	5.4	14.5	Tetrachloro-m-xylene
11.062	0.001	3315346	11.703	0.000	2510832	13.2	8.7	40.5*	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	77.4	66.9
Decachlorobiphenyl	164.5 M	109.1

MC 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	27894264	-7.1
Hexabromobiphenyl	12924817	9190345	-28.9

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	31587108	-5.1
Hexabromobiphenyl	11348053	9968434	-12.2

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.904	0.000	551066	65.3	1	6.532	0.001	917549	63.8
Aroclor-1016	2	6.278	0.000	1812266	66.7	2	7.110	0.000	1954137	65.0
Aroclor-1016	3	6.422	0.001	784996	67.7	3	7.308	0.001	848612	72.3
Aroclor-1016	4	6.527	0.000	495221	66.7	4	7.893	0.001	641319	71.6
Total Col1Ave (4 peaks):					66.6	Total Col2Ave (4 peaks):				68.2 RPD = 2
Corrected Ave (3 peaks):					66.2	Corrected Ave (3 peaks):				66.8 RPD = 1
Aroclor-1221	1	4.674	-0.059	609117	40.1	1	5.570	0.004	631984	34.4
Aroclor-1221	2	4.897	0.002	104505	10.8	2	5.845	0.053	500185	45.7
Aroclor-1221	3	4.994	0.004	436801	12.0	3	5.929	0.033	4601395	127.2
Aroclor-1221	NS	---			----	4	7.308	-0.002	848612	148.2
Total Col1Ave (3 peaks):					20.9	Total Col2Ave (4 peaks):				88.9 RPD = 124*
Corrected Ave: < 3 Peaks						Corrected Ave (3 peaks):				69.1
Aroclor-1232	1	4.897	-0.001	104505	8.4	1	5.929	0.033	4601395	390.6
Aroclor-1232	2	5.904	0.002	551066	91.3	2	6.532	-0.003	917549	85.1
Aroclor-1232	3	6.278	0.006	1812266	93.7	3	7.110	-0.004	1954137	94.0
Aroclor-1232	4	6.422	-0.003	784996	94.2	4	7.308	-0.002	848612	103.7
Total Col1Ave (4 peaks):					71.9	Total Col2Ave (4 peaks):				168.4 RPD = 80*
Corrected Ave (3 peaks):					64.5	Corrected Ave (3 peaks):				94.3 RPD = 38
Aroclor-1242	1	5.904	0.001	551066	67.1	1	6.532	0.003	917549	67.1
Aroclor-1242	2	6.278	0.000	1812266	69.3	2	7.110	-0.001	1954137	69.6
Aroclor-1242	3	6.422	0.001	784996	68.9	3	7.308	0.001	848612	79.2
Aroclor-1242	4	7.515	0.004	138292	15.4	4	8.187	0.001	91416	18.7
Total Col1Ave (4 peaks):					55.2	Total Col2Ave (4 peaks):				58.7 RPD = 6
Corrected Ave (3 peaks):					50.5	Corrected Ave (3 peaks):				51.8 RPD = 3
Aroclor-1248	1	6.278	0.004	1812266	112.4	1	7.110	0.006	1954137	110.9
Aroclor-1248	2	6.739	0.001	443746	42.1	2	7.532	0.001	447364	44.1
Aroclor-1248	3	7.025	0.000	538301	43.7	3	7.893	0.001	641319	48.5
Aroclor-1248	4	7.569	0.006	580035	29.4	4	8.237	-0.002	228711	13.3
Total Col1Ave (4 peaks):					56.9	Total Col2Ave (4 peaks):				54.2 RPD = 5
Corrected Ave (3 peaks):					38.4	Corrected Ave (3 peaks):				35.3 RPD = 8
Aroclor-1254	1	7.821	0.000	602510	27.6	1	8.470	0.000	497919	27.3
Aroclor-1254	2	8.124	-0.001	403872	28.7	2	8.871	0.001	207302	17.3
Aroclor-1254	3	8.228	-0.003	786312	29.5	3	8.997	0.017	1136426	47.3
Aroclor-1254	4	8.477	-0.013	1252333	44.8	4	9.163	0.022	1512481	54.3
Aroclor-1254	5	8.758	-0.008	668437	39.7	5	9.549	0.017	848674	52.0
Total Col1Ave (5 peaks):					34.1	Total Col2Ave (5 peaks):				39.6 RPD = 15
Corrected Ave (4 peaks):					31.4	Corrected Ave (4 peaks):				36.0 RPD = 14
Aroclor-1260	1	9.146	-0.002	1034573	104.8	1	9.289	0.001	2075652	110.8
Aroclor-1260	2	9.375	0.001	1072681	114.6	2	10.059	0.004	1764807	145.3
Aroclor-1260	3	9.621	0.001	4598714	193.3	3	10.219	0.003	5008845	160.6
Aroclor-1260	4	9.898	-0.001	1481751	120.1	4	10.617	0.001	2541654	137.2
Aroclor-1260	5	10.020	0.000	552536	91.8	NS	---			----
Total Col1Ave (5 peaks):					124.9	Total Col2Ave (4 peaks):				138.5 RPD = 10
Corrected Ave (4 peaks):					107.8	Corrected Ave (3 peaks):				131.1 RPD = 20
Aroclor-1262	1	9.375	0.001	1072681	54.3	1	10.059	0.001	1764807	69.9
Aroclor-1262	2	9.621	0.003	4598714	98.2	2	10.219	0.000	5008845	83.0
Aroclor-1262	3	10.020	-0.001	552536	27.6	3	10.568	-0.004	1252601	49.6
Aroclor-1262	4	---			0.0	4	10.617	-0.002	2541654	69.1
Aroclor-1262	5	10.474	0.018	6911740	403.1	5	11.093	0.009	2677165	131.6
Total Col1Ave (4 peaks):					145.8	Total Col2Ave (5 peaks):				80.7 RPD = 58*
Corrected Ave (3 peaks):					60.0	Corrected Ave (4 peaks):				67.9 RPD = 12
Aroclor-1268	1	10.020	-0.001	552536	14.2	1	10.568	-0.004	1252601	27.1
Aroclor-1268	2	---			0.0	2	10.617	-0.002	2541654	59.9
Aroclor-1268	3	10.224	-0.007	2669745	91.0	3	10.881	-0.007	4244674	129.1
Aroclor-1268	4	10.795	-0.007	329675	3.9	4	11.407	-0.009	518395	5.4
Total Col1Ave (3 peaks):					36.4	Total Col2Ave (4 peaks):				55.4 RPD = 41*

Corrected Ave: < 3 Peaks

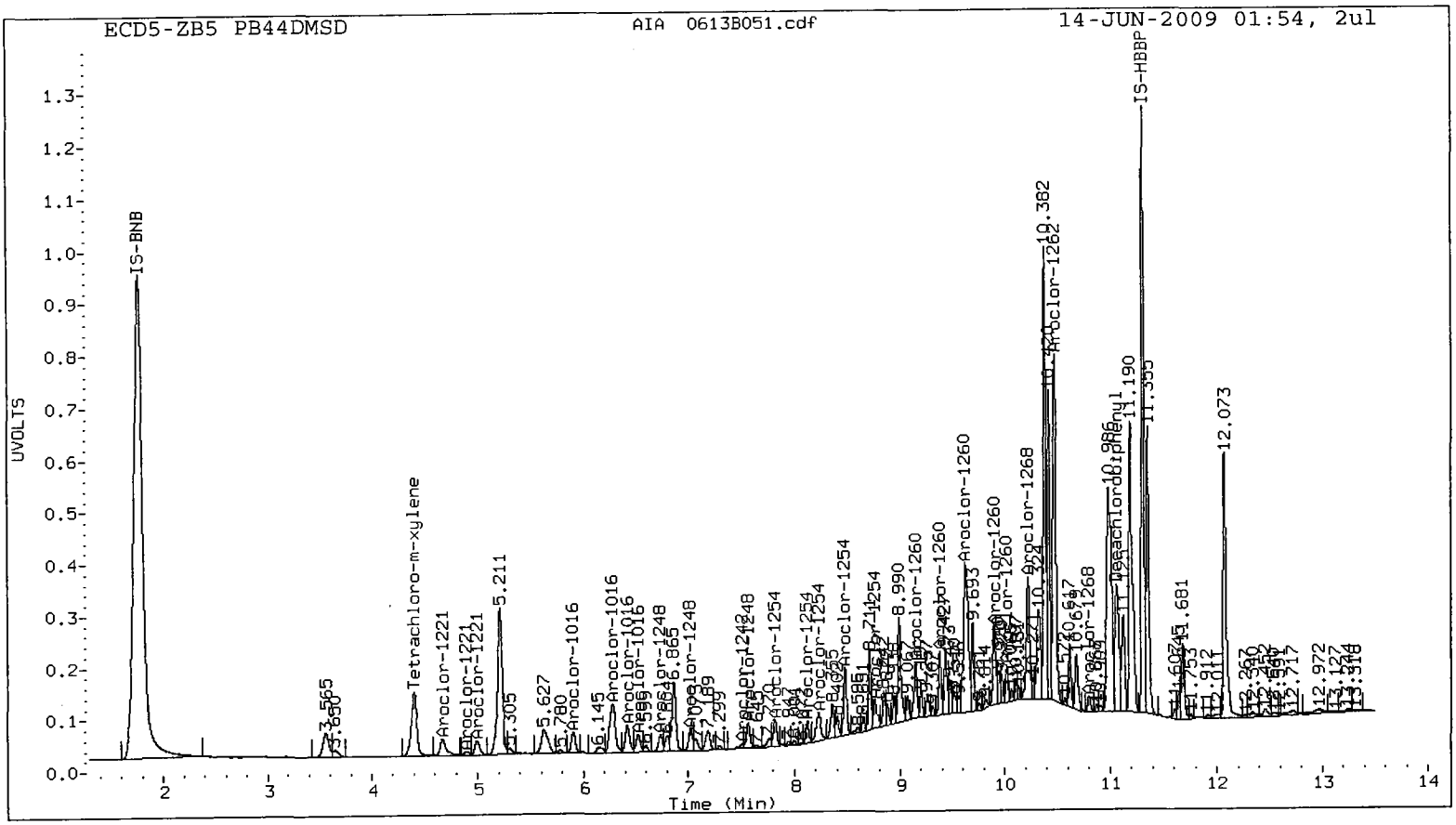
Corrected Ave (3 peaks): 30.8

Total PCB Area Col1 (4.499 - 10.961) = 68081970 Col1 Total PCB = 0.3 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 80218075 Col2 Total PCB = 0.4 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Aroclor-1221
Aroclor-1016
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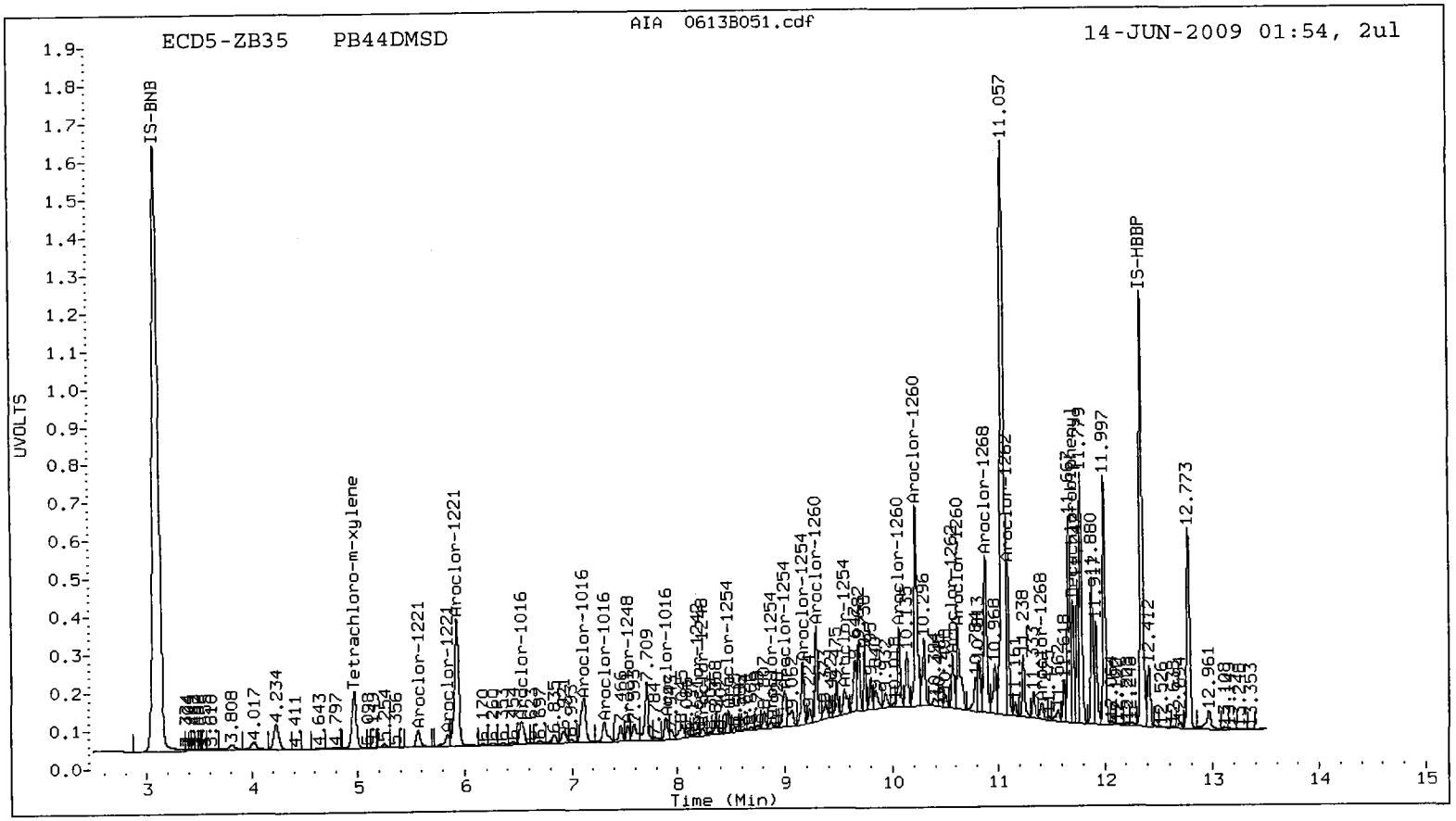
Aroclor-1260
Aroclor-1268
Aroclor-1262
Decachlorobiphenyl
IS-HBBP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Aroclor-1016
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Aroclor-1260
Aroclor-1268
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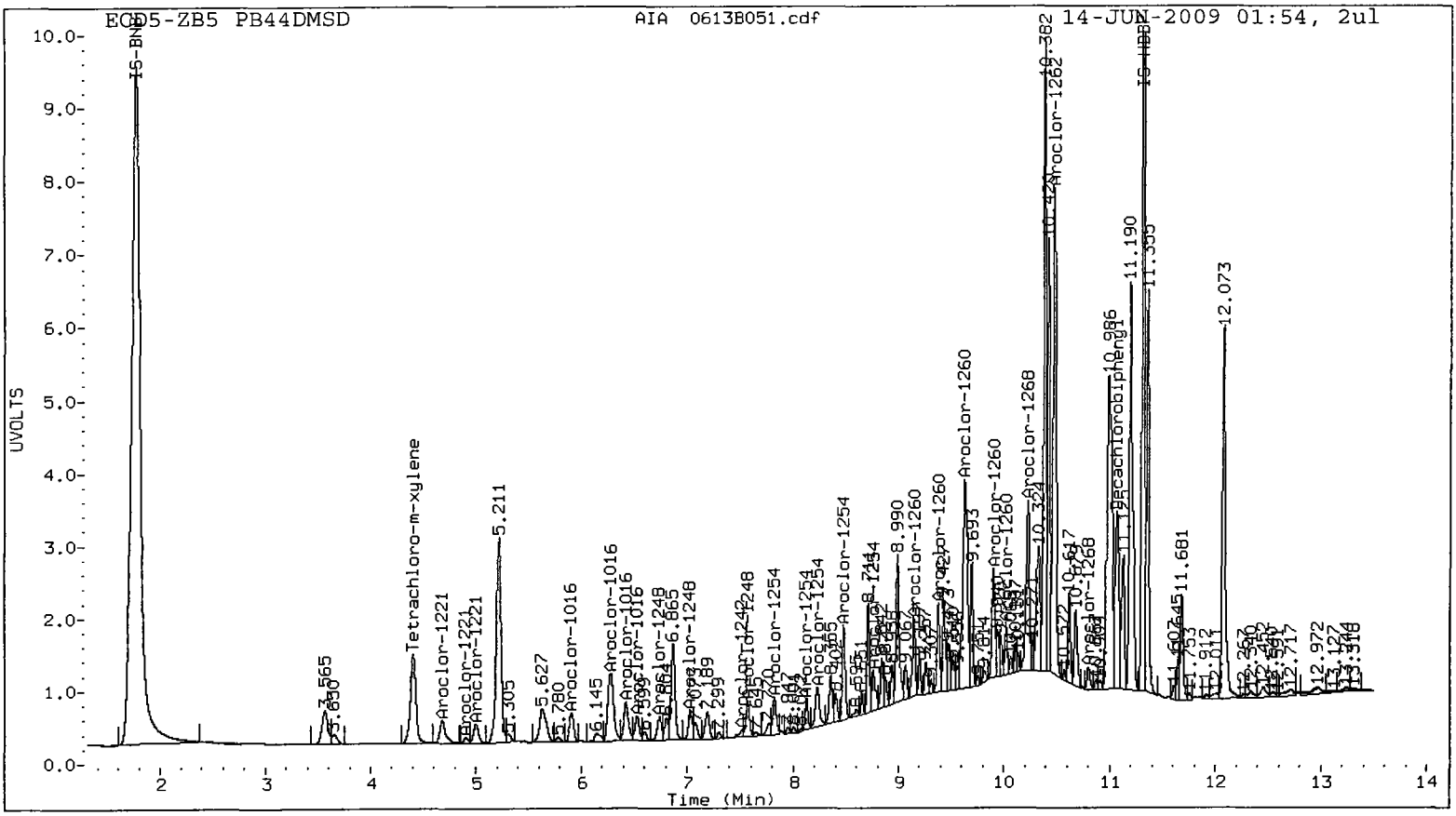
Decachlorobiphenyl
IS-HBBP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Time (Min)
IS-BNB
Tetrachloro-m-xylene
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Aroclor-1016
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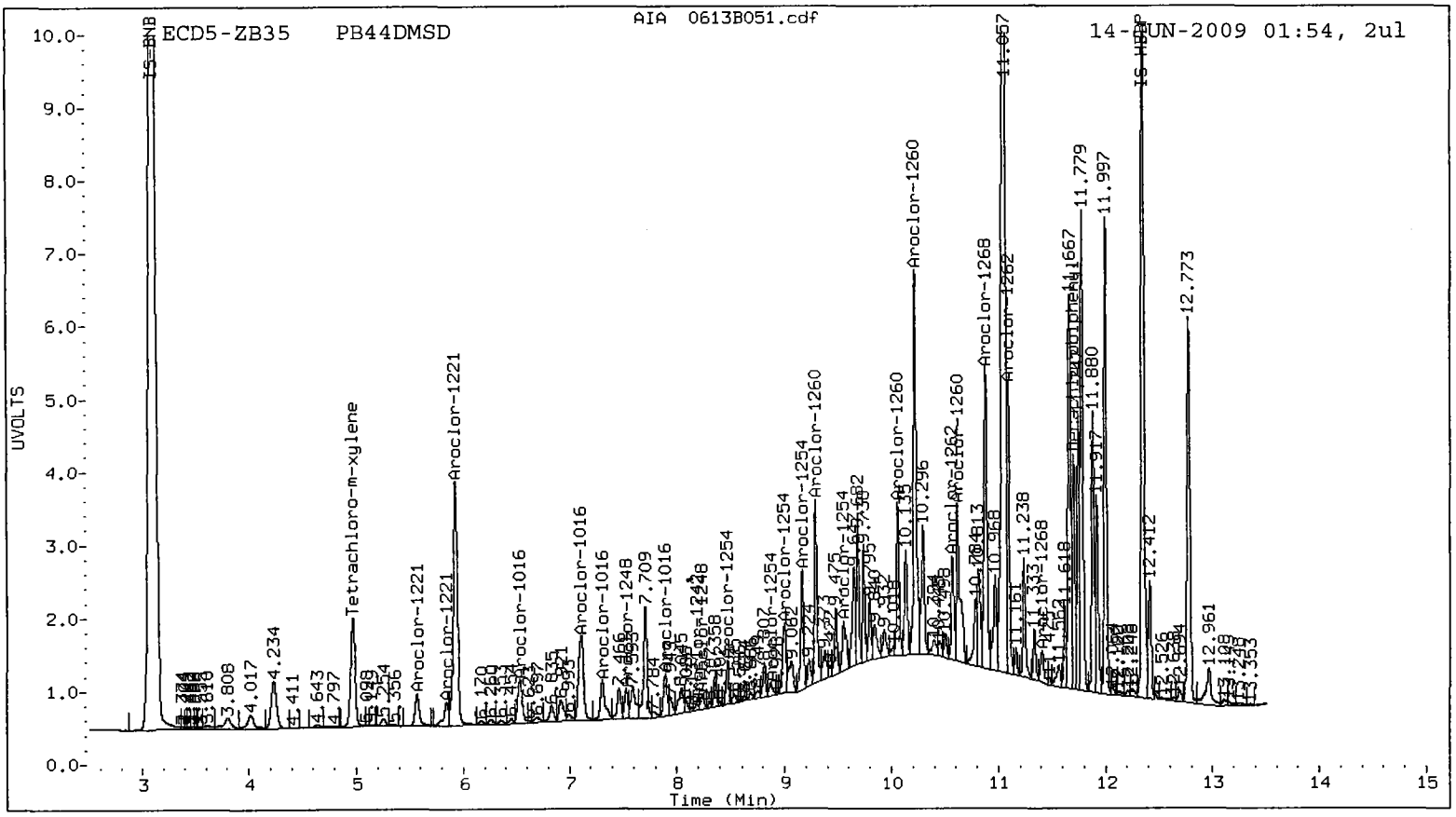
Aroclor-1260
Aroclor-1262
Aroclor-1268
IS-HBB
Decachlorobiphenyl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Time (Min)
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Tetrachloro-m-xylene
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Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
IS-HBB
Decachlorobiphenyl

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20090606.B/0613-1.b/0613B045.d
Data file 2: 20090606.B/0613-2.b/0613B045.d
Method: /chem2/ecd5.i/20090606.B/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 2ul
Quant Method: Internal Std

ARI ID: PB44LCSS1
Client ID:
Injection Date: 14-JUN-2009 00:11
Report Date: 06/17/2009 09:13
Matrix: SOIL
Dilution Factor: 1.000

ZB5 Col RT	ZB5 Col Shift	ZB5 Col Response	ZB35 Col RT	ZB35 Col Shift	ZB35 Col Response	ZB5 on col	ZB35 on col	RPD	Compound/Flag
4.396	-0.003	8911985	4.967	0.001	9884933	21.6	21.1	2.2	Tetrachloro-m-xylene
11.059	-0.002	8890479	11.702	-0.001	9301878	26.5	27.0	1.9	Decachlorobiphenyl

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	54.0	52.9
Decachlorobiphenyl	66.2	67.5

pm 06/17/09

INTERNAL STANDARD SUMMARY

Column 1

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	30034732	31496328	4.9
Hexabromobiphenyl	12924817	12244043	-5.3

Column 2

Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	33277512	36159617	8.7
Hexabromobiphenyl	11348053	11944808	5.3

* Standard Areas taken from Initial Cal Level 3
Initial Calibration Date: 07-JUN-2009
<- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	ZB5 Col RT	Shift	Area	Amount	Peak#	ZB35 Col RT	Shift	Area	Amount
Aroclor-1016	1	5.902	-0.002	2724287	286.0	1	6.531	0.000	4766064	289.3
Aroclor-1016	2	6.277	-0.001	9134506	297.8	2	7.108	-0.001	10482770	304.4
Aroclor-1016	3	6.421	0.000	3962753	302.5	3	7.306	-0.001	4102165	305.3
Aroclor-1016	4	6.527	-0.001	2654618	316.4	4	7.892	0.000	3436181	335.1
	Total Col1Ave (4 peaks):			300.7		Total Col2Ave (4 peaks):			308.5	RPD = 3
	Corrected Ave (3 peaks):			295.4		Corrected Ave (3 peaks):			299.7	RPD = 1
Aroclor-1221	1	4.732	0.000	338622	19.7	1	5.567	0.000	486730	23.1
Aroclor-1221	2	4.899	0.004	455454	41.6	2	5.790	-0.002	434171	34.7
Aroclor-1221	3	4.994	0.004	1965604	47.6	3	5.893	-0.003	2287527	55.2
Aroclor-1221	NS	---			----	4	7.306	-0.004	4102165	625.9
	Total Col1Ave (3 peaks):			36.3		Total Col2Ave (4 peaks):			184.7	RPD = 134*
	Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks):			37.7	
Aroclor-1232	1	4.994	0.096	1965604	139.8	1	5.893	-0.003	2287527	169.6
Aroclor-1232	2	5.902	0.000	2724287	399.6	2	6.531	-0.005	4766064	386.1
Aroclor-1232	3	6.277	0.004	9134506	418.4	3	7.108	-0.005	10482770	440.7
Aroclor-1232	4	6.421	-0.004	3962753	421.3	4	7.306	-0.004	4102165	437.9
	Total Col1Ave (4 peaks):			344.8		Total Col2Ave (4 peaks):			358.6	RPD = 4
	Corrected Ave (3 peaks):			319.3		Corrected Ave (3 peaks):			331.2	RPD = 4
Aroclor-1242	1	5.902	-0.001	2724287	294.0	1	6.531	0.001	4766064	304.4
Aroclor-1242	2	6.277	-0.001	9134506	309.2	2	7.108	-0.003	10482770	326.1
Aroclor-1242	3	6.421	0.000	3962753	307.9	3	7.306	-0.001	4102165	334.4
Aroclor-1242	4	7.511	0.000	509909	50.2	4	8.186	0.000	378790	67.8
	Total Col1Ave (4 peaks):			240.3		Total Col2Ave (4 peaks):			258.2	RPD = 7
	Corrected Ave (3 peaks):			217.3		Corrected Ave (3 peaks):			232.8	RPD = 7
Aroclor-1248	1	6.277	0.002	9134506	501.6	1	7.108	0.004	10482770	519.8
Aroclor-1248	2	6.738	-0.001	2390173	200.6	2	7.531	0.000	2297928	198.0
Aroclor-1248	3	7.024	0.000	2812881	202.1	3	7.892	0.000	3436181	226.9
Aroclor-1248	4	7.568	0.005	2512507	112.7	4	8.236	-0.004	1133234	57.6
	Total Col1Ave (4 peaks):			254.3		Total Col2Ave (4 peaks):			250.6	RPD = 1
	Corrected Ave (3 peaks):			171.8		Corrected Ave (3 peaks):			160.9	RPD = 7
Aroclor-1254	1	7.820	-0.001	2676695	108.8	1	8.470	0.000	2604352	124.7
Aroclor-1254	2	8.124	-0.001	539508	34.0	2	8.870	0.000	663082	48.4
Aroclor-1254	3	8.224	-0.006	2506453	83.3	3	8.998	0.017	4792907	174.3
Aroclor-1254	4	8.476	-0.014	6521584	206.6	4	9.163	0.021	6760754	212.2
Aroclor-1254	5	8.756	-0.009	2554811	134.4	5	9.547	0.016	2329800	124.6
	Total Col1Ave (5 peaks):			113.4		Total Col2Ave (5 peaks):			136.8	RPD = 19
	Corrected Ave (4 peaks):			90.1		Corrected Ave (4 peaks):			118.0	RPD = 27
Aroclor-1260	1	9.146	-0.002	4894122	372.3	1	9.287	-0.001	9300996	414.5
Aroclor-1260	2	9.373	-0.001	4682664	375.5	2	10.055	0.000	5612454	385.8
Aroclor-1260	3	9.618	-0.002	11757846	370.9	3	10.215	-0.001	15243940	407.8
Aroclor-1260	4	9.898	-0.001	5993049	364.5	4	10.615	-0.001	8309149	374.3
Aroclor-1260	5	10.019	-0.001	3017966	376.2	NS	---			----
	Total Col1Ave (5 peaks):			371.9		Total Col2Ave (4 peaks):			395.6	RPD = 6
	Corrected Ave (4 peaks):			370.8		Corrected Ave (3 peaks):			389.3	RPD = 5
Aroclor-1262	1	9.373	-0.001	4682664	177.8	1	10.055	-0.003	5612454	185.6
Aroclor-1262	2	9.618	0.000	11757846	188.4	2	10.215	-0.003	15243940	210.8
Aroclor-1262	3	9.969	-0.053	2485252	93.1	3	10.569	-0.002	3766925	124.5
Aroclor-1262	4	10.019	9.019	3017966	107.2	4	10.615	-0.004	8309149	188.6
Aroclor-1262	5	10.455	-0.001	2811742	123.1	5	11.080	-0.003	3157140	129.5
	Total Col1Ave (5 peaks):			137.9		Total Col2Ave (5 peaks):			167.8	RPD = 20
	Corrected Ave (4 peaks):			125.3		Corrected Ave (4 peaks):			157.1	RPD = 23
Aroclor-1268	1	9.969	-0.053	2485252	48.0	1	10.569	-0.002	3766925	67.9
Aroclor-1268	2	10.019	9.019	3017966	61.8	2	10.615	-0.004	8309149	163.4
Aroclor-1268	3	10.294	0.062	1350019	34.5	3	10.883	-0.005	268925	6.8
Aroclor-1268	4	10.790	-0.013	1008395	9.0	4	11.411	-0.005	979288	8.5
	Total Col1Ave (4 peaks):			38.3		Total Col2Ave (4 peaks):			61.7	RPD = 47*

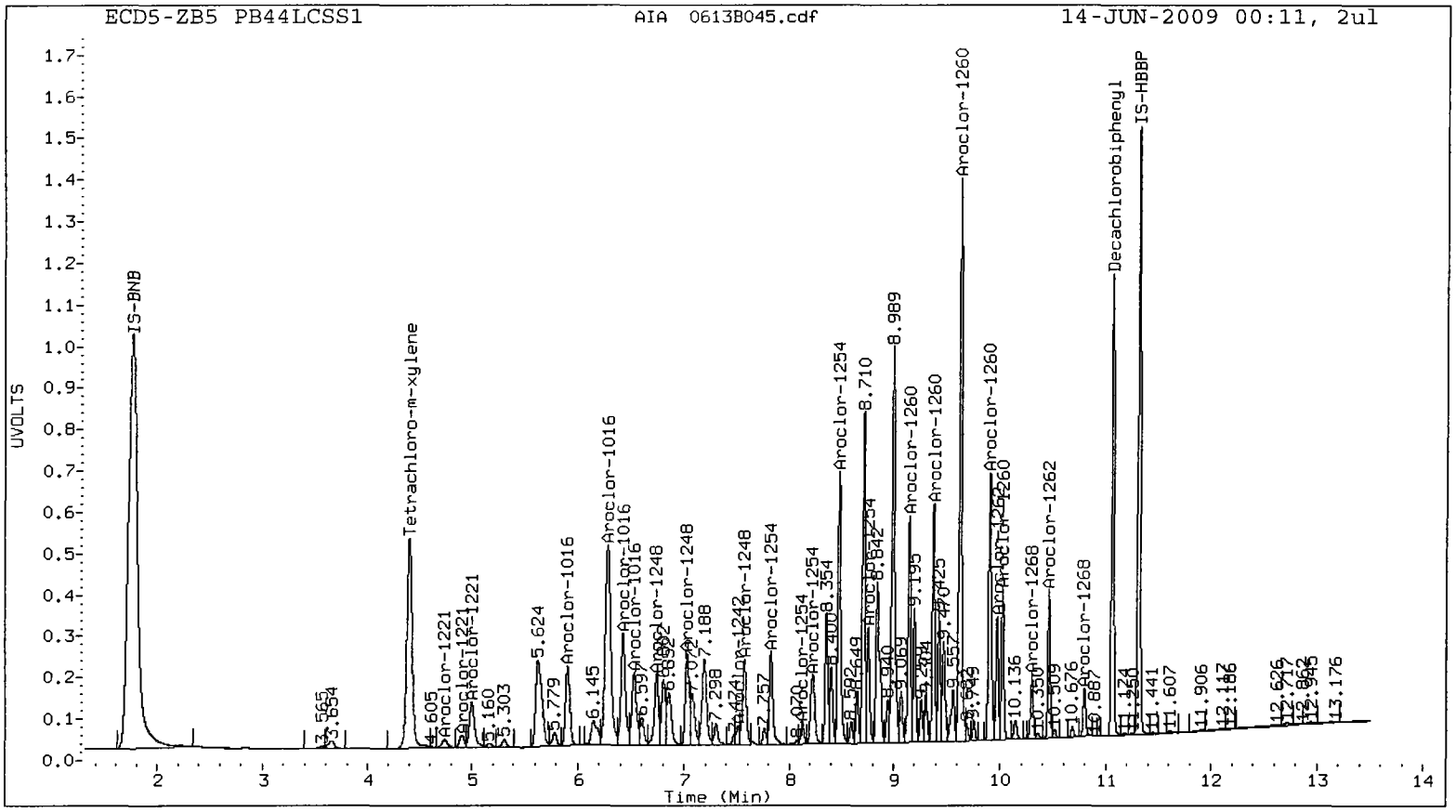
Corrected Ave (3 peaks): 30.5 Corrected Ave (3 peaks): 27.7 RPD = 10

Total PCB Area Col1 (4.499 - 10.961) = 142521433 Col1 Total PCB = 0.6 ppm*

Total PCB Area Col2 (5.066 - 11.603) = 155202757 Col2 Total PCB = 0.7 ppm*

* Quantitated against AR1660 0.25ppm in Ical

PCB-Form 10 Mod.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Aroclor-1016
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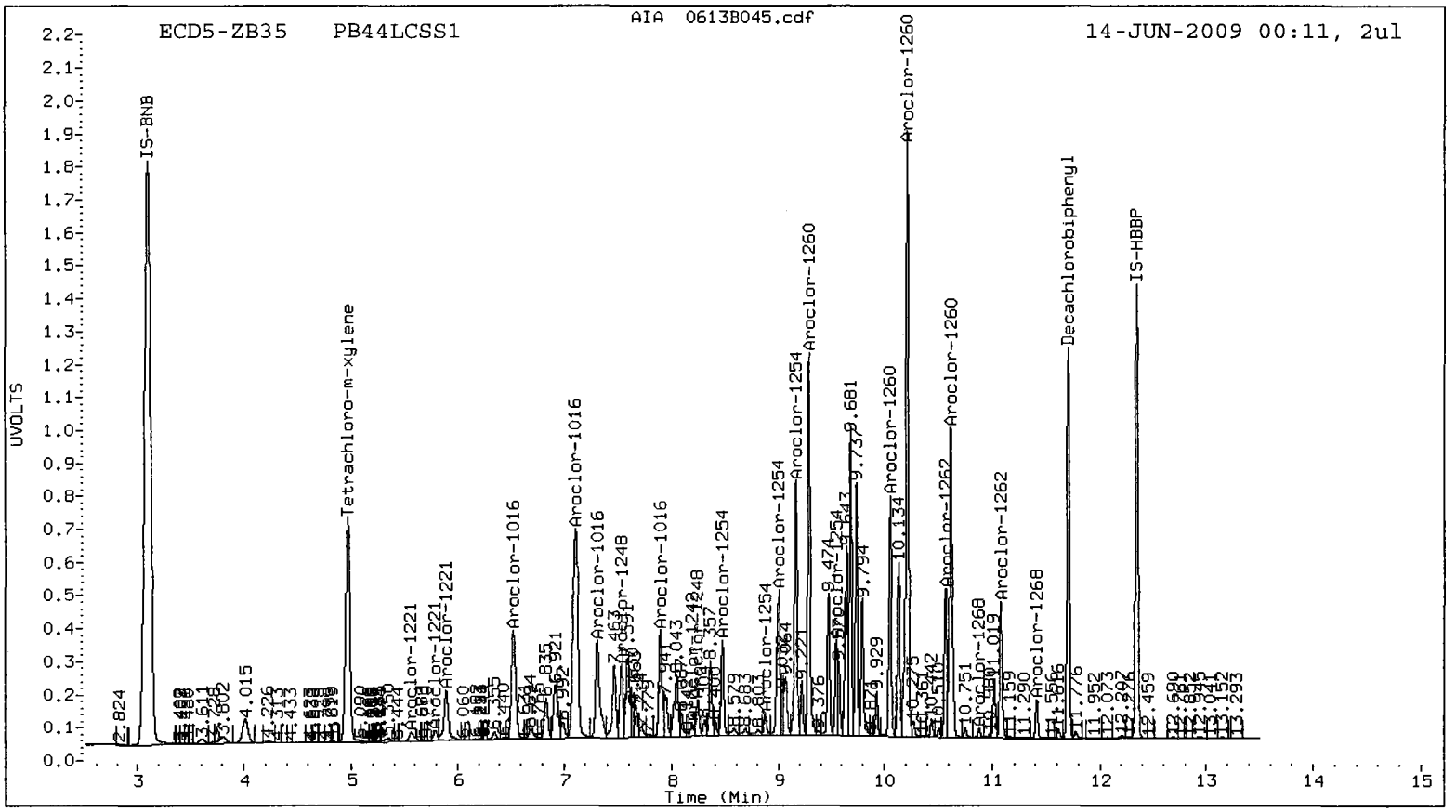
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP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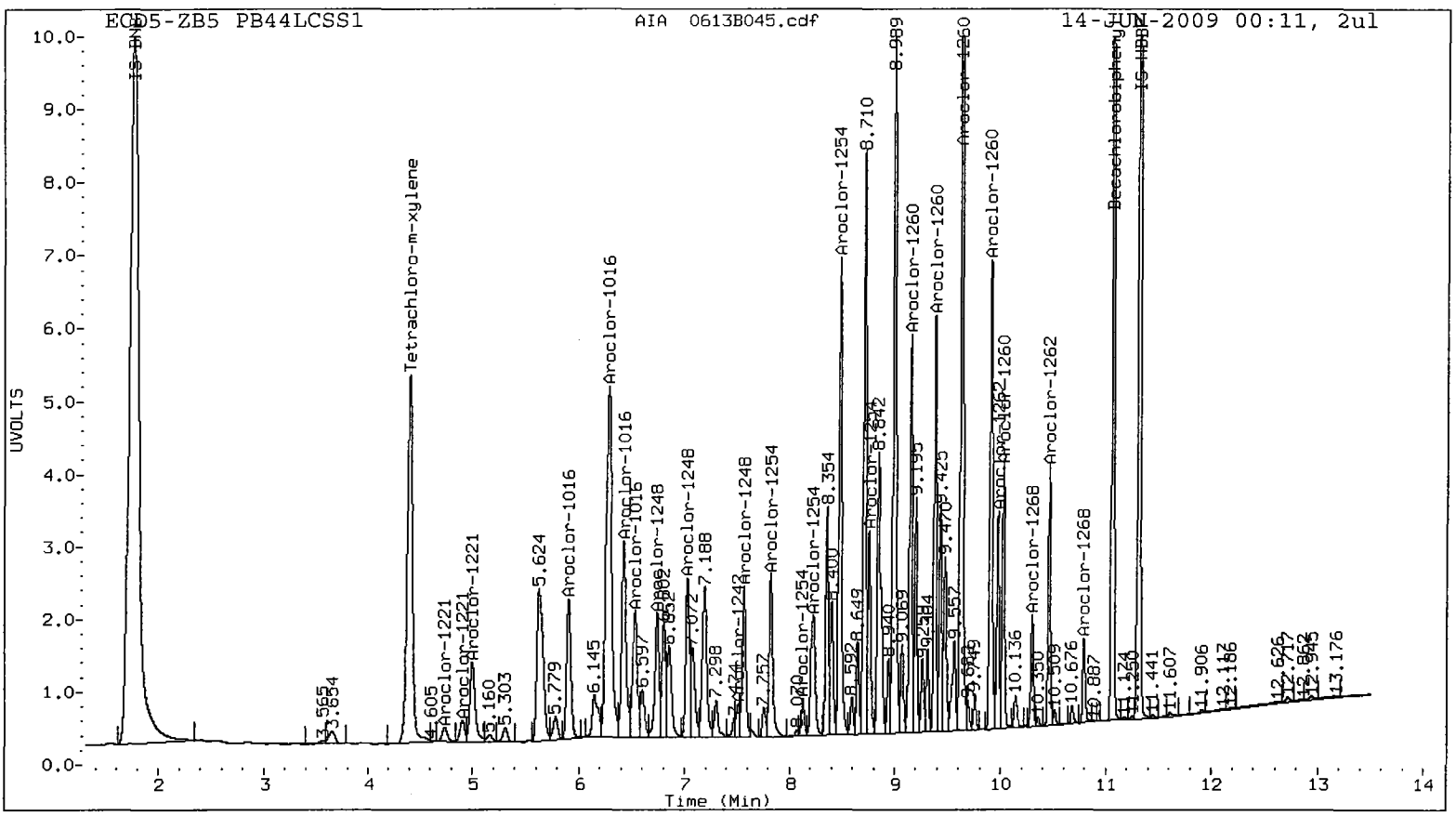
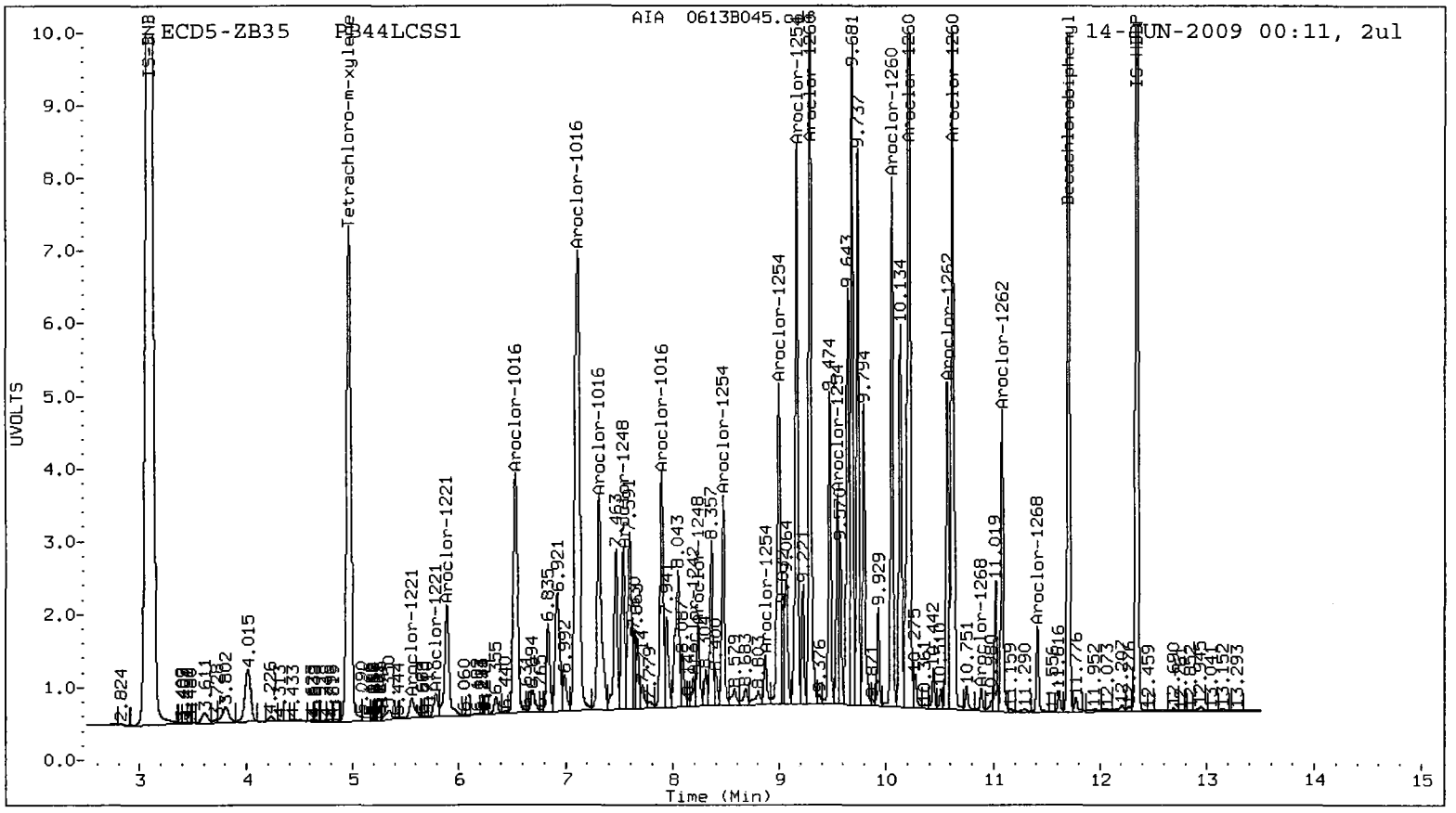
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBBP


ECD5-ZB5 PB44LCSS1
AIA 0613B045.cdf
14-JUN-2009 00:11, 2ul
UVOLTS
Time (Min)
IS-DNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB


ECD5-ZB35 PB44LCSS1
AIA 0613B045.cdf
14-JUN-2009 00:11, 2ul
UVOLTS
Time (Min)
IS-DNB
Tetrachloro-m-xylene
Aroclor-1221
Aroclor-1016
Aroclor-1248
Aroclor-1254
Aroclor-1260
Aroclor-1262
Aroclor-1268
Decachlorobiphenyl
IS-HBB

PCB Analysis
Extraction Bench Sheets/Run Logs

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Benchsheet

PCB – Soil (Sediment)
Sonication (3550B) (SOP # 350S)

Preparation Test PCB # 7
ARI Job No(s) PB44

PSDDA (4 ppb)
Batch set up by: SP

Bottle #	ARI Sample I.D.	Verify Client ID	Volume Extracted	KD **Exchange To Hexane (X 2)**	Turbo Vap 1 2 3	**(REQ)** Acid Clean **(1:1)** (Y)	**(REQ)** Sulfur Clean **(1:1)** (Y)	**(REQ)** Silica Gel Clean **(1:1)** (Y)/N	Turbo Vap 1 2 3	Final Effective Volume	Volume to Lab	Comments
	PB44 MBS	Date 6/10/09	25.00g			4mL	4mL	1.0mL		1mL	1mL	10g Actual Weight
	SBS	↓	↓			↓	↓	↓		↓	↓	↓
	SBS Dup		↓			↓	↓	↓		↓	↓	↓
4	PB44 A	checked	31.51									
	B		33.18									
	C		34.10									
	D		30.03									
	DMS		30.23									
	DMSD		30.34									
	E		47.19									
	F		40.21									
	G		32.66									
	H		29.24									
	I		30.96									
	J		35.16									
	K		50.64									
	L		50.17									
	M		55.15									
↓	N		49.28									
5	O	↓	40.11	↓	↓	↓	↓	↓	↓	↓	↓	
Analyst/Date:	WC 6/10/09			PR 6/11/09	WC 6/12/09	WC 6/12/09	WC 6/13/09	WC 6/13/09	WC 6/13/09	WC 6/13/09	WC 6/13/09	

Standard	Standard ID	Volume	Expiration Date	Analyst	Witness
Surrogate	**D**	**200µL**	5/29/10	WC	SP
Spike	**1**	**25µL**	6/8/10	WC	SP
Extraction Time:	1435				

SPECIAL INSTRUCTIONS: 1. Weigh soil/sed into 600mL or 400mL beakers. 2. Use 10g neutral Sodium Sulfate for the blanks. 3. Add surr/spike. 4. Add 8:2 Hexane/Acetone. 5. Dry using neutral Sodium Sulfate-25g Max at first-A small amt of Additional sulfate may be needed after 10 min. or before 2nd sonication? 6. Sonicate 3X with 8:2 Hexane/Acetone. 7. Collect into 500mL flask+Lg funnel with a small amount neutral glasswool plug only. NO SODIUM SULFATE. 8. KD (Normal Drying Column) on 100° bath. (Blanks=only 5g Sodium Sulfate). 9. Exchange (2 X with 20mL) Hexane. 10. TurboVap. 11. Clean-ups- REQUIRED=TRANSFER RINSE. 12. TurboVap. 13. Vial with Hexane.
A. Need Total Solids Y (N) B. ~~Archive~~/Freeze Y N

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Organic Extractions Laboratory
Analyst Notes

ARI Job No.: PB44 Client ID: Environmental Science Corp

Parameter: PSDDA PCB Client Project: Jeld-Wen Nord Door

SOP Number(s): 3505 No Anomalies:

List problems, concerns, corrective actions and any other pertinent information
SAMPLES D, DMS, DMSD REQUIRED HIGH VOLUMES ACID CLEAN. DMS AND DMSD HAD HEAVY EMULSIONS IN SULFUR CLEAN. SAMPLES DMS AND DMSD SULFATED. MR. 8/13/09

Analyst Initials:		Date:	

056F

Revision 006
1/12/07

Extractions Total Solids-extts
Data By: Pat Dugan
Created: 6/ 6/09

Worklist: 225
Analyst: PD
Comments:

	ARI ID / CLIENT ID	Tare Wt (g)	Wet Wt (g)	Dry Wt (g)	% Solids	pH
1.	PB44A 09-12787 3SED4-A	1.18g	11.46g		9.70	NR
2.	PB44B 09-12788 3SED4-B	1.18g	11.45g		9.14	NR
3.	PB44C 09-12789 3SED4-C	1.16g	11.73g		9.06	NR
4.	PB44D 09-12790 3SED3-A	1.16g	11.85g		10.07	NR
5.	PB44E 09-12791 3SED3-B	1.16g	11.35g		6.61	NR
6.	PB44F 09-12792 3SED3-C	1.18g	11.37g		7.64	NR
7.	PB44G 09-12793 3SED6-A	1.15g	11.45g		9.43	NR
8.	PB44H 09-12794 3SED6-B	1.17g	11.40g		10.04	NR
9.	PB44I 09-12795 3SED6-C	1.17g	11.55g		10.05	NR
10.	PB44J 09-12796 3SED7-A	1.16g	11.32g		8.55	NR
11.	PB44K 09-12797 3SED7-B	1.16g	11.32g		6.28	NR
12.	PB44L 09-12798 3SED7-C	1.17g	11.73g		6.56	NR
13.	PB44M 09-12799 3SED9-A	1.18g	11.62g		5.98	NR
14.	PB44N 09-12800 3SED9-B	1.18g	11.72g		6.64	NR
15.	PB44O 09-12801 3SED9-C	1.18g	11.70g		7.83	NR

Analytical Resources Inc.: Organics Instrument Log

ECD5 Serial No.: US00034118

Date: 06/06/09 Analysis: PCBs Analyst: JK

GC Program: PCB2 Column No: 135079 / 148678 Column Type: RTX-5 / RTX-35

Instrument Tune (.U or .CT.): N/A EM Voltage: N/A

Calibration File: N/A Curve Date: 06/06/09

IS/SS	Ical/Ccal	LCS/ICV
1546-3	1608-1, 3, 4	1561-1
	1609-1, 2, 3	

	Inject Date/Time	Filename	DF	LabID
1	07-JUN-2009 08:22	0606B066.d	1	IB
2	07-JUN-2009 08:39	0606B067.d	1	0.25 PPM AR
3	07-JUN-2009 08:56	0606B068.d	1	0.02 PPM AR
4	07-JUN-2009 09:13	0606B069.d	1	1 PPM AR166
5	07-JUN-2009 09:30	0606B070.d	1	0.1 PPM AR16
6	07-JUN-2009 09:48	0606B071.d	1	0.5 PPM AR16
7	07-JUN-2009 10:05	0606B072.d	1	AR1660 ICV
8	07-JUN-2009 10:22	0606B073.d	1	AR1242
9	07-JUN-2009 10:39	0606B074.d	1	AR1248
10	07-JUN-2009 10:56	0606B075.d	1	AR1254
11	07-JUN-2009 11:13	0606B076.d	1	AR2162
12	07-JUN-2009 11:30	0606B077.d	1	AR3268
13	07-JUN-2009 11:48	0606B078.d	1	0.1 PPM DDTS
14	07-JUN-2009 12:05	0606B079.d	1	DDT BD
15	07-JUN-2009 12:22	0606B080.d	1	1549.01 AR21
16	07-JUN-2009 12:39	0606B081.d	1	500PPMAR1221
17	07-JUN-2009 12:56	0606B082.d	1	AR1660
18	07-JUN-2009 13:13	0606B083.d	1	AR1242
19	07-JUN-2009 13:30	0606B084.d	1	PA75MBS1
20	07-JUN-2009 13:48	0606B085.d	1	PA75LCSS1
21	07-JUN-2009 14:05	0606B086.d	1	PA75A
22	07-JUN-2009 14:22	0606B087.d	1	PA75B
23	07-JUN-2009 14:39	0606B088.d	1	PA75C
24	07-JUN-2009 14:56	0606B089.d	1	PA75D
25	07-JUN-2009 15:13	0606B090.d	1	PA75E
26	07-JUN-2009 15:30	0606B091.d	1	AR1248
27	07-JUN-2009 15:47	0606B092.d	1	AR1660
28	07-JUN-2009 16:05	0606B093.d	1	PA75F
29	07-JUN-2009 16:22	0606B094.d	1	PA75G
30	07-JUN-2009 16:39	0606B095.d	1	PA75H
31	07-JUN-2009 16:56	0606B096.d	1	PA75I
32	07-JUN-2009 17:13	0606B097.d	1	PA75J
33	07-JUN-2009 17:30	0606B098.d	1	AR1254
34	07-JUN-2009 17:47	0606B099.d	1	AR1660
35	07-JUN-2009 18:04	0606B100.d	1	PA75K
36	07-JUN-2009 18:22	0606B101.d	1	PA75L
37	07-JUN-2009 18:39	0606B102.d	1	PA75M
38	07-JUN-2009 18:56	0606B103.d	1	PA75MMS
39	07-JUN-2009 19:13	0606B104.d	1	PA75MMSD
40	07-JUN-2009 19:30	0606B105.d	1	PA75N
41	07-JUN-2009 19:47	0606B106.d	1	AR1242
42	07-JUN-2009 20:05	0606B107.d	1	AR1660
43	07-JUN-2009 20:22	0606B108.d	1	RINSE
44	07-JUN-2009 20:39	0606B109.d	1	RINSE
45	07-JUN-2009 20:56	0606B110.d	1	RINSE
46	07-JUN-2009 21:31	0606B112.d	1	RINSE
47	07-JUN-2009 21:48	0606B113.d	1	RINSE
48	07-JUN-2009 22:05	0606B114.d	1	RINSE
49	07-JUN-2009 22:22	0606B115.d	1	RINSE
50	07-JUN-2009 22:39	0606B116.d	1	RINSE
51	07-JUN-2009 22:57	0606B117.d	1	RINSE

JK 06/10/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: PCB's curve Client ID: _____

ARI SOP: (403S(PCB)) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): PCB's , TCMX , DCB , DDTS

Instrument: FID-3A FID-3B FID-4A FID-4B FID-7 FID-8
ECD-1 ECD-3 ECD-4 (ECD-5) ECD-6 ECD-7

Dates: Curve: 06/06/09 Analysis Start: 06/06/09

Endrin/DDT Breakdown <15%? YES / NO / (NA) Method Blank In Control? (NA) ~~YES~~ / ~~NO~~

ICal Meets RF & %RSD Criteria? (YES) / NO LCS/LCSD Recovery In Control? YES / NO 06/08/09

CCal Meets RF & %RSD Criteria (YES) / NO Surrogate Recovery In Control? (YES) / NO

Internal Standard Meets Criteria? (YES) / NO / NA Special Analysis Criteria Met? YES / NO / (NA)

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

Additional Details on Reverse: Yes / (No)

Analyst Signature: JK **Date:** 06/08/09

Reviewer's Signature: [signature] **Date:** 6/8/09

Analytical Resources Inc.: Organics Instrument Log

ECD5 Serial No.: US00034118

Date: 06/13/09 Analysis: PCB's Analyst: JK

GC Program: PCB2 Column No: 135079/142675 Column Type: ZB5/ZB35

Instrument Tune (.U or .CT.): N/A EM Voltage: N/A

Calibration File: N/A Curve Date: 06/06/09

IS/SS	Ical/Ccal	LCS/ICV
i613-3	1608-1,3,4	
	1609-1,2,3	

	Inject Date/Time	Filename	DF	LabID
1	13-JUN-2009 10:38	0613B001.d	1	RINSE
2	13-JUN-2009 10:55	0613B002.d	1	RINSE
3	13-JUN-2009 11:12	0613B003.d	1	0.1 PPM DDTS
4	13-JUN-2009 11:29	0613B004.d	1	AR1660
5	13-JUN-2009 11:47	0613B005.d	1	AR1254
6	13-JUN-2009 12:59	0613B006.d	1	PC43MBW1
7	13-JUN-2009 13:16	0613B007.d	1	PC43LCSW1
8	13-JUN-2009 13:33	0613B008.d	1	PC43A
9	13-JUN-2009 13:51	0613B009.d	1	AR1248
10	13-JUN-2009 14:08	0613B010.d	1	AR1660
11	13-JUN-2009 14:25	0613B011.d	1	PB35MBS1
12	13-JUN-2009 14:42	0613B012.d	1	PB35LCSS1
13	13-JUN-2009 14:59	0613B013.d	5	PB35A
14	13-JUN-2009 15:17	0613B014.d	5	PB35C
15	13-JUN-2009 15:34	0613B015.d	5	PB35CMS
16	13-JUN-2009 15:51	0613B016.d	5	PB35CMSD
17	13-JUN-2009 16:08	0613B017.d	5	PB35E
18	13-JUN-2009 16:26	0613B018.d	5	PB35G
19	13-JUN-2009 16:43	0613B019.d	1	AR1242
20	13-JUN-2009 17:00	0613B020.d	1	AR1660
21	13-JUN-2009 17:17	0613B021.d	5	PB35I
22	13-JUN-2009 17:34	0613B022.d	5	PB35J
23	13-JUN-2009 17:52	0613B023.d	10	PB35K
24	13-JUN-2009 18:09	0613B024.d	10	PB35M
25	13-JUN-2009 18:26	0613B025.d	50	PB350
26	13-JUN-2009 18:43	0613B026.d	10	PB35Q
27	13-JUN-2009 19:00	0613B027.d	1	AR1254
28	13-JUN-2009 19:18	0613B028.d	1	AR1660
29	13-JUN-2009 19:35	0613B029.d	1	RINSE
30	13-JUN-2009 19:52	0613B030.d	1	RINSE
31	13-JUN-2009 20:09	0613B031.d	1	AR1248
32	13-JUN-2009 20:27	0613B032.d	1	AR1660
33	13-JUN-2009 20:44	0613B033.d	1	PC14MBS1
34	13-JUN-2009 21:01	0613B034.d	1	PC14LCSS1
35	13-JUN-2009 21:18	0613B035.d	10	PC14A
36	13-JUN-2009 21:36	0613B036.d	10	PC14B
37	13-JUN-2009 21:53	0613B037.d	10	PC14C
38	13-JUN-2009 22:10	0613B038.d	1	AR1242
39	13-JUN-2009 22:27	0613B039.d	1	AR1660
40	13-JUN-2009 22:45	0613B040.d	1	RINSE
41	13-JUN-2009 23:02	0613B041.d	1	RINSE
42	13-JUN-2009 23:19	0613B042.d	1	AR1248
43	13-JUN-2009 23:36	0613B043.d	1	AR1660
44	13-JUN-2009 23:54	0613B044.d	1	PB44MBS1
45	14-JUN-2009 00:11	0613B045.d	1	PB44LCSS1
46	14-JUN-2009 00:28	0613B046.d	5	PB44A
47	14-JUN-2009 00:45	0613B047.d	5	PB44B
48	14-JUN-2009 01:03	0613B048.d	5	PB44C
49	14-JUN-2009 01:20	0613B049.d	5	PB44D
50	14-JUN-2009 01:37	0613B050.d	5	PB44DMS
51	14-JUN-2009 01:54	0613B051.d	5	PB44DMSD
52	14-JUN-2009 02:11	0613B052.d	5	PB44E
53	14-JUN-2009 02:29	0613B053.d	5	PB44F
54	14-JUN-2009 02:46	0613B054.d	5	PB44G
55	14-JUN-2009 03:03	0613B055.d	5	PB44H
56	14-JUN-2009 03:20	0613B056.d	5	PB44I
57	14-JUN-2009 03:37	0613B057.d	1	AR1242
58	14-JUN-2009 03:55	0613B058.d	1	AR1660
59	14-JUN-2009 04:12	0613B059.d	5	PB44J
60	14-JUN-2009 04:29	0613B060.d	5	PB44K
61	14-JUN-2009 04:46	0613B061.d	5	PB44L
62	14-JUN-2009 05:03	0613B062.d	5	PB44M
63	14-JUN-2009 05:20	0613B063.d	5	PB44N
64	14-JUN-2009 05:38	0613B064.d	5	PB44O
65	14-JUN-2009 05:55	0613B065.d	1	AR1254
66	14-JUN-2009 06:12	0613B066.d	1	AR1660
67	14-JUN-2009 06:29	0613B067.d	1	RINSE
68	14-JUN-2009 06:46	0613B068.d	1	RINSE
69	14-JUN-2009 07:03	0613B069.d	1	RINSE
70	14-JUN-2009 07:21	0613B070.d	1	AR1248
71	14-JUN-2009 07:38	0613B071.d	1	AR1660
72	14-JUN-2009 07:55	0613B072.d	1	PB85MBS1
73	14-JUN-2009 08:12	0613B073.d	1	PB85LCSS1
74	14-JUN-2009 08:29	0613B074.d	1	PB85LCSDS1
75	14-JUN-2009 08:46	0613B075.d	10	PB85A
76	14-JUN-2009 09:03	0613B076.d	10	PB85B
77	14-JUN-2009 09:21	0613B077.d	10	PB85C
78	14-JUN-2009 09:38	0613B078.d	10	PB85CMS
79	14-JUN-2009 09:55	0613B079.d	10	PB85CMSD
80	14-JUN-2009 10:12	0613B080.d	10	PB85D
81	14-JUN-2009 10:29	0613B081.d	10	PB85E
82	14-JUN-2009 10:46	0613B082.d	10	PB85F
83	14-JUN-2009 11:04	0613B083.d	5	PB85G
84	14-JUN-2009 11:21	0613B084.d	10	PB85H
85	14-JUN-2009 11:38	0613B085.d	1	AR1242
86	14-JUN-2009 11:55	0613B086.d	1	AR1660
87	14-JUN-2009 12:12	0613B087.d	1	AR1242
88	14-JUN-2009 12:29	0613B088.d	1	AR1660
89	14-JUN-2009 12:46	0613B089.d	1	AR1242
90	14-JUN-2009 13:04	0613B090.d	1	AR1660

JK 06/15/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources Inc.: Organics Instrument Log

ECD5 Serial No.: US00034118

Date: 06/15/09 Analysis: PCB's Analyst: JR

GC Program: PCB2 Column No: 135079/148675 Column Type: ZB5/ZB35

Instrument Tune (.U or .CT.): N/A EM Voltage: N/A

Calibration File: N/A Curve Date: 06/06/09

IS/SS	Ical/Ccal	LCS/ICV
1613-3	1608-1,2,4	
	1609-1,2,3	

	Inject Date/Time	Filename	DF	LabID
1	15-JUN-2009 07:12	0615B001.d	1	RINSE
2	15-JUN-2009 07:29	0615B002.d	1	0.1 PPM DDTS
3	15-JUN-2009 07:46	0615B003.d	1	AR1248
4	15-JUN-2009 08:04	0615B004.d	1	AR1660
5	15-JUN-2009 08:21	0615B005.d	1	PC14MBS1
6	15-JUN-2009 08:38	0615B006.d	1	PC14LCSS1
7	15-JUN-2009 08:55	0615B007.d	10	PC14A
8	15-JUN-2009 09:12	0615B008.d	10	PC14B
9	15-JUN-2009 09:29	0615B009.d	10	PC14C
10	15-JUN-2009 09:46	0615B010.d	1	AR1242
11	15-JUN-2009 10:04	0615B011.d	1	AR1660
12	15-JUN-2009 10:21	0615B012.d	1	RINSE
13	15-JUN-2009 10:38	0615B013.d	1	AR1254
14	15-JUN-2009 10:55	0615B014.d	1	AR1660
15	15-JUN-2009 11:12	0615B015.d	5	PC14A
16	15-JUN-2009 11:29	0615B016.d	1	AR1242
17	15-JUN-2009 11:47	0615B017.d	1	AR1660
18	15-JUN-2009 12:04	0615B018.d	5	PB44J
19	15-JUN-2009 12:21	0615B019.d	5	PB44K
20	15-JUN-2009 12:38	0615B020.d	5	PB44L
21	15-JUN-2009 12:55	0615B021.d	5	PB44M
22	15-JUN-2009 13:12	0615B022.d	5	PB44N
23	15-JUN-2009 13:30	0615B023.d	5	PB44O
24	15-JUN-2009 13:47	0615B024.d	20	PB85A
25	15-JUN-2009 14:04	0615B025.d	30	PB85E
26	15-JUN-2009 14:21	0615B026.d	1	AR1248
27	15-JUN-2009 14:38	0615B027.d	1	AR1660
28	15-JUN-2009 14:55	0615B028.d	1	AR1248
29	15-JUN-2009 15:13	0615B029.d	1	AR1660

M

JR 06/17/09

Maintenance Verification (Identify ICal or CCal that demonstrates the instrument is in control):

Every line must contain information or be lined out. Make all entries legible. Start a new page for each QC period.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

GC Analyst Notes / Corrective Action Log

ARI Project ID: PB44 Client ID: Jeld-wen nord door

ARI SOP: **403S**(PCB) **405S**(Herbicides) **407S**(TPH-D) **409S**(HCID) **423S**(Pesticides) **Other**

Parameter(s): PCBs TCMX DCB

Instrument: FID-3A FID-3B FID-4A FID-4B FID-7 FID-8
ECD-1 ECD-3 ECD-4 (ECD-5) ECD-6 ECD-7

Dates: Curve: 06/06/09 Analysis Start: 06/13/09

Endrin/DDT Breakdown <15%? YES / NO / (NA) Method Blank In Control? (YES) / NO

ICal Meets RF & %RSD Criteria? (YES) / NO LCS/LCSD Recovery In Control? (YES) / NO

CCal Meets RF & %RSD Criteria (YES) / NO Surrogate Recovery In Control? (YES) / NO

nternal Standard Meets Criteria? (YES) / NO / NA Special Analysis Criteria Met? YES / NO / (NA)

Detail problems, corrective actions and/or other pertinent information below (use reverse side when necessary):

misc. peaks throughout samples, sample D DCB affected by coeluting peak, reported as NR, no ddts present

large misc. peak in sample I (in early range 1RT16 → RT608)

Additional Details on Reverse: Yes / (No)

Analyst Signature: [signature] **Date:** 06/17/09

Reviewer's Signature: [signature] **Date:** 6/18/09

Metals Analysis
QC Summary Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

Cover Page

INORGANIC ANALYSIS DATA PACKAGE

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

SDG: PB44

CLIENT ID	ARI ID	ARI LIMS ID	REPREP
3SED4-A	PB44A	09-12787	
3SED4-AD	PB44ADUP	09-12787	
3SED4-AS	PB44ASPK	09-12787	
3SED4-B	PB44B	09-12788	
PBS	PB44MB1	09-12788	
LCSS	PB44MB1SPK	09-12788	
3SED4-C	PB44C	09-12789	
3SED3-A	PB44D	09-12790	
3SED3-B	PB44E	09-12791	
3SED3-C	PB44F	09-12792	
3SED6-A	PB44G	09-12793	
3SED6-B	PB44H	09-12794	
3SED6-C	PB44I	09-12795	
3SED7-A	PB44J	09-12796	
3SED7-B	PB44K	09-12797	
3SED7-C	PB44L	09-12798	
3SED9-A	PB44M	09-12799	
3SED9-B	PB44N	09-12800	
3SED9-C	PB44O	09-12801	
3SED4-A	PB44RA	09-12787	R
3SED4-AD	PB44RADUP	09-12787	R

Were ICP interelement corrections applied ?	Yes/No	YES
Were ICP background corrections applied ?	Yes/No	YES
If yes - were raw data generated before application of background corrections ?	Yes/No	NO

Comments: _____

THIS DATA PACKAGE HAS BEEN REVIEWED AND AUTHORIZED FOR RELEASE BY:

Signature: _____ Name: Jay Kuhn

Date: 6-17-9 Title: Inorganics Director

Cover Page

INORGANIC ANALYSIS DATA PACKAGE

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

SDG: PB44

CLIENT ID	ARI ID	ARI LIMS ID	REPREP
3SED4-AS	PB44RASPK	09-12787	R
3SED4-B	PB44RB	09-12788	R
PBS	PB44RMB1	09-12788	R
LCSS	PB44RMB1SPK	09-12788	R
3SED4-C	PB44RC	09-12789	R
3SED3-A	PB44RD	09-12790	R
3SED3-B	PB44RE	09-12791	R
3SED3-C	PB44RF	09-12792	R
3SED6-A	PB44RG	09-12793	R
3SED6-B	PB44RH	09-12794	R
3SED6-C	PB44RI	09-12795	R
3SED7-A	PB44RJ	09-12796	R
3SED7-B	PB44RK	09-12797	R
3SED7-C	PB44RL	09-12798	R
3SED9-A	PB44RM	09-12799	R
3SED9-B	PB44RN	09-12800	R
3SED9-C	PB44RO	09-12801	R

Were ICP interelement corrections applied ?	Yes/No	YES
Were ICP background corrections applied ?	Yes/No	YES
If yes - were raw data generated before application of background corrections ?	Yes/No	NO

Comments: _____

THIS DATA PACKAGE HAS BEEN REVIEWED AND AUTHORIZED FOR RELEASE BY:

Signature: _____ Name: Jay Kuhn

Date: 6.17.9 Title: Inorganics Director

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: 3SED4-A
MATRIX SPIKE

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Arsenic	6010B	10	247	247	96.0%	
Cadmium	6010B	0.2 U	61.7	61.8	99.8%	
Chromium	6010B	19.6	84.9	61.8	106%	
Copper	6010B	27.5	76.7	61.8	79.6%	
Lead	6010B	8	243	247	95.1%	
Mercury	7471A	0.02	0.28	0.244	107%	
Silver	6010B	0.4 U	58.8	61.8	95.1%	
Zinc	6010B	33	109	61.8	123%	

Reported in mg/kg-dry

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED4-A
DUPLICATE

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Arsenic	6010B	10	10	0.0%	+/- 6	L
Cadmium	6010B	0.2 U	0.2 U	0.0%	+/- 0.2	L
Chromium	6010B	19.6	27.4	33.2%	+/- 20%	*
Copper	6010B	27.5	33.0	18.2%	+/- 20%	
Lead	6010B	8	24	100%	+/- 2	L*
Mercury	7471A	0.02	0.02 U	0.0%	+/- 0.02	L
Silver	6010B	0.4 U	0.4 U	0.0%	+/- 0.4	L
Zinc	6010B	33	53	46.5%	+/- 20%	*

Reported in mg/kg-dry

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS **Sample ID: LAB CONTROL**

Lab Sample ID: PB44LCS
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Arsenic	6010B	188	200	94.0%	
Cadmium	6010B	47.0	50.0	94.0%	
Chromium	6010B	46.4	50.0	92.8%	
Copper	6010B	45.3	50.0	90.6%	
Lead	6010B	186	200	93.0%	
Mercury	7471A	0.49	0.50	98.0%	
Silver	6010B	47.4	50.0	94.8%	
Zinc	6010B	46	50	92.0%	

Reported in mg/kg-dry

N-Control limit not met
NA-Not Applicable, Analyte Not Spiked
Control Limits: 80-120%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS **Sample ID: METHOD BLANK**

Lab Sample ID: PB44MB
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: NA
Date Received: NA

Percent Total Solids: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	7440-38-2	Arsenic	5	5	U
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/12/09	6010B	06/16/09	7440-47-3	Chromium	0.5	0.5	U
3050B	06/12/09	6010B	06/16/09	7440-50-8	Copper	0.2	0.2	U
3050B	06/12/09	6010B	06/16/09	7439-92-1	Lead	2	2	U
CLP	06/10/09	7471A	06/12/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.3	0.3	U
3050B	06/12/09	6010B	06/16/09	7440-66-6	Zinc	1	1	U

U-Analyte undetected at given RL
RL-Reporting Limit

Calibration Verification

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

UNITS: ug/L

SDG: PB44

ANALYTE	EL	M	RUN	ICVTV	ICV	%R	CCVTV	CCV1	%R	CCV2	%R	CCV3	%R	CCV4	%R	CCV5	%R
Arsenic	AS	ICP	IP061671	2000.0	2000.78	100.0	2000.0	2008.30	100.4	2003.02	100.2	2018.41	100.9	2021.92	101.1	2035.78	101.8
Cadmium	CD	ICP	IP061671	1000.0	1037.91	103.8	1000.0	1041.95	104.2	1040.25	104.0	1039.92	104.0	1038.33	103.8	1046.05	104.6
Chromium	CR	ICP	IP061671	1000.0	1005.12	100.5	1000.0	1014.35	101.4	1018.13	101.8	1039.38	103.9	1033.09	103.3	1043.15	104.3
Copper	CU	ICP	IP061671	1000.0	990.32	99.0	1000.0	984.40	98.4	989.60	99.0	998.01	99.8	1000.13	100.0	1007.09	100.7
Lead	PB	ICP	IP061671	2000.0	2006.84	100.3	2000.0	2022.19	101.1	2016.58	100.8	2022.17	101.1	2022.00	101.1	2033.97	101.7
Mercury	HG	CVA	HG061201	8.0	8.03	100.4	4.0	4.01	100.3	4.03	100.8	4.08	102.0	4.14	103.5	4.22	105.5
Silver	AG	ICP	IP061671	1000.0	967.13	96.7	1000.0	966.50	96.7	972.15	97.2	979.23	97.9	980.69	98.1	990.93	99.1
Zinc	ZN	ICP	IP061671	1000.0	1014.45	101.4	1000.0	1031.51	103.2	1039.79	104.0	1061.65	106.2	1052.93	105.3	1071.40	107.1

Control Limits: Mercury 80-120; Other Metals 90-110

CRDL Standard

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

UNITS: ug/L

SDG: PB44

ANALYTE	EL	M	RUN	CRA/I TV	CR-1	%R	CR-2	%R	CR-3	%R	CR-4	%R	CR-5	%R	CR-6	%R
Arsenic	AS	ICP	IP061671	50.0	51.36	**102.7**										
Cadmium	CD	ICP	IP061671	2.0	2.25	**112.5**										
Chromium	CR	ICP	IP061671	5.0	4.64	**92.8**										
Copper	CU	ICP	IP061671	2.0	2.22	**111.0**										
Lead	PB	ICP	IP061671	20.0	19.31	**96.6**										
Mercury	HG	CVA	HG061201	0.1	0.09	**90.0**										
Silver	AG	ICP	IP061671	3.0	3.00	**100.0**										
Zinc	ZN	ICP	IP061671	10.0	13.30	**133.0**										

Control Limits: no control limits have been established by the EPA at this time.

Calibration Blanks

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

UNITS: ug/L

SDG: PB44

ANALYTE	EL	METH	RUN	CRDL	IDL	ICB	C	CCB1	C	CCB2	C	CCB3	C	CCB4	C	CCB5	C
Arsenic	AS	ICP	IP061671	10.0	50.0	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U	50.0	U
Cadmium	CD	ICP	IP061671	5.0	2.0	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chromium	CR	ICP	IP061671	10.0	5.0	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Copper	CU	ICP	IP061671	25.0	2.0	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Lead	PB	ICP	IP061671	3.0	20.0	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U
Mercury	HG	CVA	HG061201	0.2	0.1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Silver	AG	ICP	IP061671	10.0	3.0	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U	3.0	U
Zinc	ZN	ICP	IP061671	20.0	10.0	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U

PB44.SS1.12

ICP Interference Check Sample

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

ICS SOURCE: I.V.

PROJECT: JELD-WEN NORD DOOR

RUNID: IP061671

SDG: PB44

INSTRUMENT ID: OPTIMA ICP 2

UNITS: ug/L

ANALYTE	ICSA TV	ICSAB TV	ICSA1	ICSAB1	%R	ICSA2	ICSAB2	%R	ICSA3	ICSAB3	%R
Aluminum	200000	200000	206025.9	200367.3	**100.2**						
Antimony		1000	38.4	1036.4	**103.6**						
Arsenic		1000	63.2	1073.5	**107.4**						
Barium		1000	-0.4	1013.6	**101.4**						
Beryllium		1000	0.1	1012.8	**101.3**						
Boron			-8.8	-8.4							
Cadmium		1000	-2.1	1043.4	**104.3**						
Calcium	100000	100000	100640.7	101572.3	**101.6**						
Chromium		1000	-0.6	1028.1	**102.8**						
Cobalt		1000	0.2	986.9	**98.7**						
Copper		1000	0.2	1015.5	**101.6**						
Iron	200000	200000	195322.6	197169.4	**98.6**						
Lead		1000	-14.3	964.1	**96.4**						
Magnesium	100000	100000	103398.5	100612.5	**100.6**						
Manganese		1000	-0.6	969.4	**96.9**						
Molybdenum			3.3	3.2							
Nickel		1000	0.1	976.3	**97.6**						
Potassium			-6.8	-125.9							
Selenium		1000	-0.9	1009.1	**100.9**						
Silicon			-18.3	-17.3							
Silver		1000	-1.2	1003.0	**100.3**						
Sodium			10.4	27.1							
Strontium			0.8	0.9							
Thallium		1000	23.0	982.3	**98.2**						
Tin			-4.6	-3.4							
Titanium			6.1	5.1							
Vanadium		1000	-2.4	980.5	**98.1**						
Zinc		1000	-1.6	989.4	**98.9**						

IDLs and ICP Linear Ranges

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

SDG: PB44 UNITS: ug/L

ANALYTE	EL	METH	INSTRUMENT	WAVELENTH (nm)	GFA BACK-GROUND	CLP CRDL	RL	RL DATE	ICP LINEAR RANGE (ug/L)	ICP LR DATE
Arsenic	AS	ICP	OPTIMA ICP 2	197.20		10	50.0	4/22/2009	30000.0	6/5/2009
Cadmium	CD	ICP	OPTIMA ICP 2	228.80		5	2.0	4/22/2009	20000.0	6/5/2009
Chromium	CR	ICP	OPTIMA ICP 2	267.72		10	5.0	4/22/2009	100000.0	6/5/2009
Copper	CU	ICP	OPTIMA ICP 2	324.75		25	2.0	4/22/2009	40000.0	6/5/2009
Lead	PB	ICP	OPTIMA ICP 2	220.35		3	20.0	4/22/2009	300000.0	6/5/2009
Mercury	HG	CVA	CETAC MERCURY	253.70		0.2	0.1	4/1/2009		
Silver	AG	ICP	OPTIMA ICP 2	328.07		10	3.0	4/22/2009	5000.0	6/5/2009
Zinc	ZN	ICP	OPTIMA ICP 2	213.86		20	10.0	4/22/2009	100000.0	6/5/2009

ICP Interelement Correction Factors

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

IEC DATE: 6/1/2009

SDG: PB44

INSTRUMENT ID: OPTIMA ICP 2

ANALYTE	WAVELENGTH	AL	AS	BA	BE	CA	CD	CO	CR	CU	FE
Aluminum	308.22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	12.2555000	0.0000000	0.0000000
Arsenic	188.98	0.0000000	0.0000000	0.0000000	0.0000000	0.7511500	0.0000000	0.0000000	1.9261900	0.0000000	0.0000000
Barium	233.53	0.0000000	0.0000000	0.0000000	0.0000000	-0.0060768	0.0000000	-0.2681720	0.0000000	0.0000000	0.0572999
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	228.80	0.0000000	8.9479900	0.0000000	0.0000000	-0.0060381	0.0000000	0.0748695	0.0000000	0.0000000	0.0093290
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.5759660	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0053982	0.0000000	-0.0487207	0.0000000	0.0000000	-0.0555423
Cobalt	228.62	0.0000000	0.0000000	0.0672567	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.2685770	-0.0241546	0.0000000	-0.0716814
Iron	273.96	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-1.0133600	0.0000000	0.0000000
Lead	220.35	-0.1916600	0.0000000	0.0000000	0.0000000	-0.0262487	0.0000000	0.0000000	-2.3249200	1.6326000	0.0740304
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0984015	0.0000000	-1.4651500	-1.0373900	0.0000000	0.3479510
Manganese	257.61	0.0060930	0.0000000	0.0000000	0.0000000	0.0020330	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0108247	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0000000	0.0000000	0.1792350	0.0000000	0.0000000	0.0000000	0.3817060	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-1.0048500	0.0000000	-0.1248020
Silicon	288.16	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0988868	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	11.8192000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.80	0.0000000	0.0000000	0.0000000	0.0000000	0.0863752	0.0000000	7.0846000	0.5186210	0.0000000	-0.1509150
Tin	189.93	0.0000000	0.0000000	0.0000000	0.0000000	-0.0263684	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Titanium	334.90	0.0000000	0.0000000	0.0000000	0.0000000	0.2167660	0.0000000	0.0000000	0.1180350	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-4.3567700	0.0000000	0.0458695
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0140401	0.3827210	0.0000000	0.1358710	0.0000000	0.0000000

ICP Interelement Correction Factors

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

IEC DATE: 6/1/2009

SDG: PB44

INSTRUMENT ID: OPTIMA ICP 2

ANALYTE	WAVELENGTH	MG	MN	MO	NI	PB	SB	TI	TL	V	ZN
Aluminum	308.22	0.0000000	0.0000000	13.6540000	0.0000000	0.0000000	0.0000000	0.8734310	0.0000000	15.5728000	0.0000000
Antimony	206.84	0.0000000	0.0000000	0.0000000	-0.2336600	0.0000000	0.0000000	-0.2111370	0.0000000	-3.8296900	0.0000000
Arsenic	188.98	0.0208650	0.0000000	-0.3024190	0.0000000	0.0000000	0.0000000	0.7555900	0.0000000	0.0000000	0.0000000
Barium	233.53	0.0000000	0.0000000	0.0000000	0.0611586	0.0000000	0.0000000	0.0000000	0.0000000	0.7332740	0.0000000
Beryllium	313.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	3.3358400	0.0000000
Cadmium	228.80	0.0000000	0.0000000	0.0000000	-0.8762680	0.0000000	0.0000000	0.0000000	0.0000000	0.0720255	0.0000000
Calcium	317.93	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0553354	0.1496880	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.1852410	0.2168120	0.0000000
Cobalt	228.62	0.0000000	0.0000000	-0.3838350	0.1729370	0.0000000	0.0000000	1.9752600	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0045431	0.0000000	0.3020870	0.0000000	0.0000000	0.0000000	0.2335750	0.0000000	0.0000000	0.0000000
Iron	273.96	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	13.3912000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	-2.5084000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0086048	0.0000000	0.0000000	0.0000000	-0.2285650	0.0000000	0.0105028	0.0000000	-0.0271638	0.0000000
Molybdenum	202.03	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.0608730
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.9036400	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.03	0.0483630	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silicon	288.16	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	1.9788200	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	-0.1912750	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	213.1250000	0.0000000	0.0000000	388.0540000
Thallium	190.80	0.0000000	0.0000000	-2.8707400	0.0000000	0.0702184	0.0000000	0.3748190	0.0000000	4.5219600	0.0000000
Tin	189.93	0.0000000	0.0000000	0.0000000	0.0000000	-0.0338435	-1.0198200	-0.4754160	0.0000000	0.0000000	0.0000000
Titanium	334.90	0.0000000	0.0000000	2.4190100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	-0.1493740	-0.4730220	0.0000000	0.0000000	0.0000000	0.6244000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.2630070	0.0000000	-0.0715634	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

PB44-091116

Preparation Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

SDG: PB44

ANALYSIS METHOD: ICP

ARI PREP CODE: SWC

PREPDATE: 6/10/2009

CLIENT ID	ARI ID	MASS (g)	INITIAL VOLUME (mL)	FINAL VOLUME (mL)
3SED4-A	PB44A	1.086	0.0	50.0
3SED4-AD	PB44ADUP	1.086	0.0	50.0
3SED4-AS	PB44ASPK	1.090	0.0	50.0
3SED4-B	PB44B	1.084	0.0	50.0
3SED4-C	PB44C	1.048	0.0	50.0
3SED3-A	PB44D	1.027	0.0	50.0
3SED3-B	PB44E	1.074	0.0	50.0
3SED3-C	PB44F	1.009	0.0	50.0
3SED6-A	PB44G	1.026	0.0	50.0
3SED6-B	PB44H	1.073	0.0	50.0
3SED6-C	PB44I	1.091	0.0	50.0
3SED7-A	PB44J	1.045	0.0	50.0
3SED7-B	PB44K	1.014	0.0	50.0
3SED7-C	PB44L	1.030	0.0	50.0
3SED9-A	PB44M	1.084	0.0	50.0
PBS	PB44MB1	1.000	0.0	50.0
LCSS	PB44MB1SPK	1.000	0.0	50.0
3SED9-B	PB44N	1.042	0.0	50.0
3SED9-C	PB44O	1.057	0.0	50.0

Preparation Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

SDG: PB44

ANALYSIS METHOD: ICP

ARI PREP CODE: SWC

PREPDATE: 6/12/2009

CLIENT ID	ARI ID	MASS (g)	INITIAL VOLUME (mL)	FINAL VOLUME (mL)
3SED4-A	PB44RA	1.098	0.0	50.0
3SED4-AD	PB44RADUP	1.097	0.0	50.0
3SED4-AS	PB44RASPK	1.096	0.0	50.0
3SED4-B	PB44RB	1.068	0.0	50.0
3SED4-C	PB44RC	1.052	0.0	50.0
3SED3-A	PB44RD	1.014	0.0	50.0
3SED3-B	PB44RE	1.022	0.0	50.0
3SED3-C	PB44RF	1.002	0.0	50.0
3SED6-A	PB44RG	1.058	0.0	50.0
3SED6-B	PB44RH	1.060	0.0	50.0
3SED6-C	PB44RI	1.065	0.0	50.0
3SED7-A	PB44RJ	1.078	0.0	50.0
3SED7-B	PB44RK	1.043	0.0	50.0
3SED7-C	PB44RL	1.030	0.0	50.0
3SED9-A	PB44RM	1.024	0.0	50.0
PBS	PB44RMB1	1.000	0.0	50.0
LCSS	PB44RMB1SPK	1.000	0.0	50.0
3SED9-B	PB44RN	1.056	0.0	50.0
3SED9-C	PB44RO	1.067	0.0	50.0

Preparation Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR

SDG: PB44

ANALYSIS METHOD: CVA

ARI PREP CODE: SMM

PREPDATE: 6/10/2009

CLIENT ID	ARI ID	MASS (g)	INITIAL VOLUME (mL)	FINAL VOLUME (mL)
3SED4-A	PB44A	0.278	0.0	50.0
3SED4-AD	PB44ADUP	0.279	0.0	50.0
3SED4-AS	PB44ASPK	0.278	0.0	50.0
3SED4-B	PB44B	0.206	0.0	50.0
3SED4-C	PB44C	0.287	0.0	50.0
3SED3-A	PB44D	0.284	0.0	50.0
3SED3-B	PB44E	0.211	0.0	50.0
3SED3-C	PB44F	0.276	0.0	50.0
3SED6-A	PB44G	0.292	0.0	50.0
3SED6-B	PB44H	0.250	0.0	50.0
3SED6-C	PB44I	0.262	0.0	50.0
3SED7-A	PB44J	0.292	0.0	50.0
3SED7-B	PB44K	0.245	0.0	50.0
3SED7-C	PB44L	0.209	0.0	50.0
3SED9-A	PB44M	0.241	0.0	50.0
PBS	PB44MB1	0.200	0.0	50.0
LCSW	PB44MB1SPK	0.200	0.0	50.0
3SED9-B	PB44N	0.237	0.0	50.0
3SED9-C	PB44O	0.270	0.0	50.0

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR | INSTRUMENT ID: OPTIMA ICP 2 | START DATE: 6/16/2009

SDG: PB44 | RUNID: IP061671 | METHOD: ICP | END DATE: 6/16/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
ZZZZZZ	NEW Sc	1.00	09270																														
S0	S0	1.00	09332		X		X					X		X	X									X									X
S2	S2	1.00	09371									X		X	X																		
S3	S3	1.00	09382		X		X																	X									X
S4	S4	1.00	09402																														
S5	S5	1.00	09420																														
ICV	ICV	1.00	09462		X		X					X		X	X									X									X
ICB	ICB	1.00	09485		X		X					X		X	X									X									X
CRI	CRII	1.00	09524		X		X					X		X	X									X									X
ICSA	ICSAI	1.00	09562		X		X					X		X	X									X									X
ICSAB	ICSABI	1.00	10001		X		X					X		X	X									X									X
CCV	CCV1	1.00	10032		X		X					X		X	X									X									X
CCB	CCB1	1.00	10060		X		X					X		X	X									X									X
PBS	PB44RMB1	2.00	10111		X		X					X		X	X									X									X
ZZZZZZ	PB63I	5.00	10145																														
3SED4-B	PB44RB	2.00	10182		X		X					X		X	X									X									X
3SED4-C	PB44RC	2.00	10220		X		X					X		X	X									X									X
3SED3-A	PB44RD	2.00	10253		X		X					X		X	X									X									X
3SED3-B	PB44RE	2.00	10290		X		X					X		X	X									X									X
3SED4-AD	PB44RADUP	2.00	10323		X		X					X		X	X									X									X
3SED4-A	PB44RA	2.00	10360		X		X					X		X	X									X									X
3SED4-AS	PB44RASPK	2.00	10393		X		X					X		X	X									X									X
LCSS	PB44RMB1SPK	2.00	10420		X		X					X		X	X									X									X
CCV	CCV2	1.00	10453		X		X					X		X	X									X									X
CCB	CCB2	1.00	10480		X		X					X		X	X									X									X
3SED3-C	PB44RF	5.00	10514																														
3SED6-A	PB44RG	2.00	10552																														
3SED6-B	PB44RH	2.00	10575																														
3SED6-C	PB44RI	2.00	11011		X		X					X		X	X									X									X
3SED7-A	PB44RJ	2.00	11044		X		X					X		X	X									X									X
3SED7-B	PB44RK	2.00	11081		X		X					X		X	X									X									X
3SED7-C	PB44RL	2.00	11114		X		X					X		X	X									X									X
3SED9-A	PB44RM	2.00	11151		X		X					X		X	X									X									X
3SED9-B	PB44RN	2.00	11184		X		X					X		X	X									X									X
3SED9-C	PB44RO	2.00	11221		X		X					X		X	X									X									X

FORM XIV

PB44:01159

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR | INSTRUMENT ID: OPTIMA ICP 2 | START DATE: 6/16/2009

SDG: PB44 | RUNID: IP061671 | METHOD: ICP | END DATE: 6/16/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
CCV	CCV3	1.00	11254		X		X					X		X	X									X									X
CCB	CCB3	1.00	11281		X		X					X		X	X									X									X
CCV	CCV4	1.00	11315		X		X					X		X	X									X									X
CCB	CCB4	1.00	11343		X		X					X		X	X									X									X
3SED4-AD	PB44RADUP	2.00	11381																														
3SED4-A	PB44RA	2.00	11414																														
3SED4-AS	PB44RASPK	2.00	11451																														
ZZZZZZ	PB98FDUP	2.00	11474																														
ZZZZZZ	PB98F	2.00	11511																														
ZZZZZZ	PB98FSPK	2.00	11544																														
3SED3-C	PB44RF	10.00	11571		X		X					X		X	X									X									X
3SED6-A	PB44RG	5.00	12004		X		X					X		X	X									X									X
3SED6-B	PB44RH	5.00	12041		X		X					X		X	X									X									X
CCV	CCV5	1.00	12083		X		X					X		X	X									X									X
CCB	CCB5	1.00	12110		X		X					X		X	X									X									X

PB44SDG

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR | INSTRUMENT ID: CETAC MERCURY | START DATE: 6/12/2009

SDG: PB44 | RUNID: HG061201 | METHOD: CVA | END DATE: 6/12/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
S0	S0	1.00	10175														X																
S0.1	S0.1	1.00	10193														X																
S0.5	S0.5	1.00	10210														X																
S1	S1	1.00	10224														X																
S2	S2	1.00	10242														X																
S5	S5	1.00	10260														X																
S10	S10	1.00	10274														X																
ICV	AICV	1.00	10464														X																
ICB	ICB	1.00	10482														X																
CCV	ACCV1	1.00	10495														X																
CCB	CCB1	1.00	10513														X																
CRA	CRA	1.00	10531														X																
ZZZZZZ	PB63MB1	1.00	10545																														
ZZZZZZ	PB63MB1SPK	1.00	10562																														
ZZZZZZ	PB63A	1.00	10580																														
ZZZZZZ	PB63ADUP	1.00	10594																														
ZZZZZZ	PB63ASPK	1.00	11011																														
ZZZZZZ	PB63B	1.00	11025																														
ZZZZZZ	PB63C	1.00	11043																														
ZZZZZZ	PB63D	1.00	11060																														
ZZZZZZ	PB63E	1.00	11074																														
CCV	ACCV2	1.00	11092														X																
CCB	CCB2	1.00	11110														X																
ZZZZZZ	PB63F	1.00	11124																														
ZZZZZZ	PB63G	1.00	11141																														
ZZZZZZ	PB63H	1.00	11155																														
ZZZZZZ	PB63I	1.00	11173																														
CCV	ACCV3	1.00	11190														X																
CCB	CCB3	1.00	11204														X																
PBW	PB44MB1	1.00	11225														X																
LCSW	PB44MB1SPK	1.00	11242														X																
3SED4-A	PB44A	1.00	11260														X																
3SED4-AD	PB44ADUP	1.00	11274														X																
3SED4-AS	PB44ASPK	1.00	11291														X																
3SED4-B	PB44B	1.00	11305														X																

FORM XIV

Analysis Run Log

ANALYTICAL RESOURCES INCORPORATED

CLIENT: ENVIROMENTAL SCIENCE

PROJECT: JELD-WEN NORD DOOR | INSTRUMENT ID: CETAC MERCURY | START DATE: 6/12/2009

SDG: PB44 | RUNID: HG061201 | METHOD: CVA | END DATE: 6/12/2009

CLIENT ID	ARI ID	DIL.	TIME	%R	AG	AL	AS	B	BA	BE	CA	CD	CO	CR	CU	FE	HG	K	MG	MN	MO	NA	NI	PB	SB	SE	SI	SN	TI	TL	U	V	ZN
3SED4-C	PB44C	1.00	11322														X																
3SED3-A	PB44D	1.00	11340														X																
3SED3-B	PB44E	1.00	11354														X																
3SED3-C	PB44F	1.00	11371														X																
CCV	ACCV4	1.00	11385														X																
CCB	CCB4	1.00	11403														X																
3SED6-A	PB44G	1.00	11421														X																
3SED6-B	PB44H	1.00	11435														X																
3SED6-C	PB44I	1.00	11453														X																
3SED7-A	PB44J	1.00	11470														X																
3SED7-B	PB44K	1.00	11484														X																
3SED7-C	PB44L	1.00	11501														X																
3SED9-A	PB44M	1.00	11515														X																
3SED9-B	PB44N	1.00	11533														X																
3SED9-C	PB44O	1.00	11550														X																
ZZZZZZ	PB63A	1.00	11564																														
CCV	ACCV5	1.00	11582														X																
CCB	CCB5	1.00	12000														X																

Metals Analysis
Sample Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED4-A
SAMPLE

Lab Sample ID: PB44A
LIMS ID: 09-12787
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 73.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	6	**10**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.6	**19.6**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.2	**27.5**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	2	**8**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.02	**0.02**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**33**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED4-B
SAMPLE

Lab Sample ID: PB44B
LIMS ID: 09-12788
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 71.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	7	**11**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.7	**33.8**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.3	**19.0**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	3	**5**	
CLP	06/10/09	7471A	06/12/09	7439-97-6	Mercury	0.03	0.03	U
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**46**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED4-C
SAMPLE

Lab Sample ID: PB44C
LIMS ID: 09-12789
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 68.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	7	**14**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.7	**34.9**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.3	**28.4**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	3	**9**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.03	**0.04**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**60**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED3-A
SAMPLE

Lab Sample ID: PB44D
LIMS ID: 09-12790
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 76.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	6	**13**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.6	**28.6**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.3	**48.8**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	3	**13**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.02	**0.06**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**102**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED3-B
SAMPLE

Lab Sample ID: PB44E
LIMS ID: 09-12791
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 48.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**52**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**59.9**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**12**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.05	**0.09**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**95**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED3-C
SAMPLE

Lab Sample ID: PB44F
LIMS ID: 09-12792
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 56.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	7440-38-2	Arsenic	40	40	U
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	2	2	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	4	**88**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	2	**155**	
3050B	06/12/09	6010B	06/16/09	7439-92-1	Lead	20	20	U
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.03	**0.07**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	3	3	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	9	**65**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED6-A
SAMPLE

Lab Sample ID: PB44G
LIMS ID: 09-12793
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 76.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	20	**20**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	2	**29**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.6	**64.9**	
3050B	06/12/09	6010B	06/16/09	7439-92-1	Lead	6	6	U
CLP	06/10/09	7471A	06/12/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.9	0.9	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	3	**121**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED6-B
SAMPLE

Lab Sample ID: PB44H
LIMS ID: 09-12794
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 80.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**34**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.6	**58.4**	
3050B	06/12/09	6010B	06/16/09	7439-92-1	Lead	6	6	U
CLP	06/10/09	7471A	06/12/09	7439-97-6	Mercury	0.02	0.02	U
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.9	0.9	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	3	**60**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED6-C
SAMPLE

Lab Sample ID: PB44I
LIMS ID: 09-12795
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 77.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	6	**8**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.2	0.2	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.6	**13.3**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.2	**36.2**	
3050B	06/12/09	6010B	06/16/09	7439-92-1	Lead	2	2	U
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.02	**0.02**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**23**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED7-A
SAMPLE

Lab Sample ID: PB44J
LIMS ID: 09-12796
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 67.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	7	**13**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.3	0.3	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.7	**34.3**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.3	**61.7**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	3	**10**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.03	**0.04**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	1	**84**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED7-B
SAMPLE

Lab Sample ID: PB44K
LIMS ID: 09-12797
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 50.4%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**60**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**94.9**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**17**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.04	**0.11**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**121**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED7-C
SAMPLE

Lab Sample ID: PB44L
LIMS ID: 09-12798
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 51.1%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**30**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**64**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**77.6**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**15**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.05	**0.11**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**119**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED9-A
SAMPLE

Lab Sample ID: PB44M
LIMS ID: 09-12799
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 45.5%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**30**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**71**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**69.4**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**16**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.05	**0.11**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**120**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED9-B
SAMPLE

Lab Sample ID: PB44N
LIMS ID: 09-12800
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 48.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	10	**20**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	1	**62**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**61.7**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**13**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.04	**0.10**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.6	0.6	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**104**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: 3SED9-C
SAMPLE

Lab Sample ID: PB44O
LIMS ID: 09-12801
Matrix: Sediment
Data Release Authorized:
Reported: 06/17/09

QC Report No: PB44-ENVIROMENTAL SCIENCE CORP.
Project: JELD-WEN NORD DOOR

Date Sampled: 06/04/09
Date Received: 06/04/09

Percent Total Solids: 51.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	06/12/09	6010B	06/16/09	**7440-38-2**	**Arsenic**	9	**22**	
3050B	06/12/09	6010B	06/16/09	7440-43-9	Cadmium	0.4	0.4	U
3050B	06/12/09	6010B	06/16/09	**7440-47-3**	**Chromium**	0.9	**54.6**	
3050B	06/12/09	6010B	06/16/09	**7440-50-8**	**Copper**	0.4	**53.0**	
3050B	06/12/09	6010B	06/16/09	**7439-92-1**	**Lead**	4	**13**	
CLP	06/10/09	7471A	06/12/09	**7439-97-6**	**Mercury**	0.04	**0.09**	
3050B	06/12/09	6010B	06/16/09	7440-22-4	Silver	0.5	0.5	U
3050B	06/12/09	6010B	06/16/09	**7440-66-6**	**Zinc**	2	**102**	

U-Analyte undetected at given RL
RL-Reporting Limit

Metals Analysis
Instrument Raw Data and Logs

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

SAMPLE RUN LOG-ICP-OES-02
Perkin Elmer OPTIMA 7500
Serial No. – 077C8121202

IEC Date: 6-4-09 Analysis Date: 6-16-09 Analyst: PA

LR Date: 6-5-09 Page: 1 of 5

All corrections made by analyst unless otherwise noted. PA 6-16-09

Edit Label	Delete Data	ARI Sample ID	Prep. Code	Dilution	Comments
		New SC		✓	
		STD0			2615-16
		2			2616-7
		3			-8
		4			-9
		5			-10
		ICV			2587-7
		ICB			
		CRI			
		ICSA			Cd -0.002 PA
		ICSAB			
		CCV1			
		CCB1			
		PB44R MB1	SW0	2	
		PB63 I		5	
		PB44R B		2	
		C			
		D			
		E			
		ADup			Cu AP Pb2a high RPD
		A			CAF
		Aspk MRBISAL		✓	
		CCV2		✓	
		CCB2			

Analytical Resources, Incorporated
Analytical Chemists and Consultants

SAMPLE RUN LOG-ICP-OES-02
Perkin Elmer OPTIMA 7500
Serial No. – 077C8121202

IEC Date: — Analysis Date: 6-16-09 Analyst: MT

LR Date: — Page: 2 of 5

All corrections made by analyst unless otherwise noted. ~~MT~~ 6-16-09

Edit Label	Delete Data	ARI Sample ID	Prep. Code	Dilution	Comments
	✓	PB44R F	SWC	5	RR 1/10 (Fe)
	✓	G		2	RR 1/5 (Fe)
	✓	H			RR 1/2 (Fe)
		I			
		J			
		K			
		L			
		M			
		N			
		O			
		CCV3			CCV4
		CCB3 ~~Al Fe Ca~~			CCB4 Al Fe Ca.
	✓	PB44R ADup	SWC	2	Confirms 1st
		A			
		ASpk			
	✓	PB98 FDup			Confirms 6-15
		F			
		FSpk			
		PB44R F		10	
		G		5	
		H			
		CCV4 5			
		CCB4 5			
	✓	PC31 MB	WMN		~~end pkg~~ MN det 6/17/09

ANALYTICAL RESOURCES INCORPORATED

Metals Data Review Checklist

Method: (ICP) ICP-MS GFA CVA **Analysis Date:** 6-16-09

DPT 2	Analyst 6-17-09	Peer JB 6.17.9	Comment
Logbook:			
Analyst, Date, Method info	✓	✓	
Sample ID's	✓	✓	
Standard/QC solution ID's recorded	✓	✓	
Prep codes	✓	✓	
Dilution factors	✓	✓	
Crossouts/Corrections/Deletions	✓	✓	
Calibration:			
Blank & Standard intensities	✓	✓	
Standard deviations	✓	✓	
Curve fit	✓	✓	
Calibration Verification:			
ICV/CCV	✓	✓	See Log
ICB/CCB	✓	✓	
Samples:			
RSD's & SD's	✓	✓	See Log
Internal Standards	✓	✓	
Carry-over	✓	✓	See Log
Method QC:			
CRI/CRA	✓	✓	
ICSA/ICSAB	✓	✓	
Post Spikes/Serial Dilutions	—	—	
Analytic Spikes	—	—	
Matrix QC:			
SRM/LCS	✓	✓	
Matrix Spikes	✓	✓	
Matrix Duplicates	✓	✓	PB44R
Method Blanks	✓	✓	
Data Distribution:			
Requested elements/isotope identified	✓	✓	
Correct samples identified for distribution	✓	✓	
Raw data match distributed data	✓	✓	
Data filename correct	✓	✓	
Necessary Analyste Notes and CAF's	✓	✓	PB44R CAF

Nebulizer Parameters: Hg_ReAlign

Analyte	Back Pressure	Flow
All	220.0 kPa	0.75 L/min

==========

6/16/2009 9:21:55 AM Hg ReAlign... Actual peak offset (nm): 0.003
Drift (nm): -0.000 Slit adjustment: -2

==========

==========

Analysis Begun

Start Time: 6/16/2009 9:25:30 AM **Plasma On Time: 6/16/2009 8:35:58 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202 **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\metals\Sample Information\CRISET2.sif
Batch ID:
Results Data Set: I2090616
Results Library: C:\pe\metals\Results\Results.mdb

==========

Method Loaded
Method Name: 7300bcESI **Method Last Saved: 6/5/2009 10:16:45 AM**
IEC File: IEC2.iec **MSF File:**
Method Description: 12Axial Elements

Analyte	Calibration Equation	Processing	View	Internal Standard	IEC
Ag 328.068	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Al 308.215	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
As 188.979	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
B 249.677	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Ba 233.527	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Be 313.042	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Ca 317.933	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Cd 228.802	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Co 228.616	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Cr 267.716	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Cu 324.752	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Fe 273.955	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
K 766.490	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Mg 279.077	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Mn 257.610	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Mo 202.031	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Na 589.592	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Na 330.237	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Ni 231.604	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Pb 220.353	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Sb 206.836	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Se 196.026	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Si 288.158	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Sn 189.927	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Sr 421.552	Lin Thru 0	Peak Area	Radial	ScR 361.383	No
Ti 334.903	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
Tl 190.801	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
V 292.402	Lin Thru 0	Peak Area	Axial	ScA 357.253	Yes
Zn 206.200	Lin Thru 0	Peak Area	Radial	ScR 361.383	Yes
ScA 357.253	Lin, Calc Int	Peak Area	Axial	n/a	n/a
ScR 361.383	Lin, Calc Int	Peak Area	Radial	n/a	n/a

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Sequence No.: 1 **Autosampler Location: 1**
Sample ID: Calib Blank 1 **Date Collected: 6/16/2009 9:25:35 AM**
Data Type: Original

User canceled analysis.

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Analysis Begun

Start Time: 6/16/2009 9:27:09 AM **Plasma On Time: 6/16/2009 8:35:58 AM**

User canceled analysis.

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Analysis Begun

Start Time: 6/16/2009 9:33:25 AM **Plasma On Time: 6/16/2009 8:35:58 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202 **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\metals\Sample Information\CRISET2.sif
Batch ID:
Results Data Set: I2090616
Results Library: C:\pe\metals\Results\Results.mdb

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Sequence No.: 1 **Autosampler Location: 1**
Sample ID: ~~Calib Blank 1~~ New Sc **Date Collected: 6/16/2009 9:33:26 AM**
Data Type: Original
#615

Nebulizer Parameters: Calib Blank 1

Analyte	Back Pressure	Flow
All	220.0 kPa	0.75 L/min

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	1959190.9	27066.44	1.38%	98.33	%
ScR 361.383	592499.6	3518.28	0.59%	99.04	%
Ag 328.068†	-66.4	77.23	116.36%	[0.00]	mg/L
Al 308.215†	-101.4	7.42	7.32%	[0.00]	mg/L
As 188.979†	-17.9	6.22	34.73%	[0.00]	mg/L
B 249.677†	25.0	6.45	25.86%	[0.00]	mg/L
Ba 233.527†	80.4	5.56	6.92%	[0.00]	mg/L
Be 313.042†	1440.0	10.16	0.71%	[0.00]	mg/L
Ca 317.933†	244.1	7.16	2.93%	[0.00]	mg/L
Cd 228.802†	246.5	2.46	1.00%	[0.00]	mg/L
Co 228.616†	-130.2	1.25	0.96%	[0.00]	mg/L
Cr 267.716†	-139.5	0.50	0.36%	[0.00]	mg/L
Cu 324.752†	3018.5	64.80	2.15%	[0.00]	mg/L
Fe 273.955†	-27.1	5.04	18.60%	[0.00]	mg/L
K 766.490†	-116.0	43.74	37.71%	[0.00]	mg/L
Mg 279.077†	-23.9	3.00	12.53%	[0.00]	mg/L
Mn 257.610†	127.8	6.96	5.45%	[0.00]	mg/L
Mo 202.031†	81.8	3.92	4.79%	[0.00]	mg/L
Na 589.592†	1907.1	15.03	0.79%	[0.00]	mg/L
Na 330.237†	246.2	6.55	2.66%	[0.00]	mg/L
Ni 231.604†	61.1	2.69	4.41%	[0.00]	mg/L
Pb 220.353†	-164.5	4.02	2.44%	[0.00]	mg/L
Sb 206.836†	67.1	1.52	2.26%	[0.00]	mg/L
Se 196.026†	-99.4	2.57	2.59%	[0.00]	mg/L
Si 288.158†	82.0	1.25	1.52%	[0.00]	mg/L
Sn 189.927†	-33.2	1.34	4.03%	[0.00]	mg/L
Sr 421.552†	-555.3	34.98	6.30%	[0.00]	mg/L
Ti 334.903†	-34.2	7.46	21.78%	[0.00]	mg/L
Tl 190.801†	-25.9	6.50	25.07%	[0.00]	mg/L
V 292.402†	131.8	11.27	8.55%	[0.00]	mg/L
Zn 206.200†	-81.0	4.20	5.19%	[0.00]	mg/L

Logged In Analyst: metals Technique: ICP Continuous
Spectrometer Model: Optima 7300 DV, S/N 077C8121202Autosampler Model: AS-93plus

Sample Information File: C:\pe\metals\Sample Information\CRISET2.sif
Batch ID:
Results Data Set: I2090616
Results Library: C:\pe\metals\Results\Results.mdb

Sequence No.: 1 Autosampler Location: 1
Sample ID: Calib Blank 1 Date Collected: 6/16/2009 9:27:09 AM
Data Type: Original

Nebulizer Parameters: Calib Blank 1

Analyte	Back Pressure	Flow
All	219.0 kPa	0.75 L/min

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	1992371.5	18839.74	0.95%	100.0	%
ScR 361.383	598215.3	5482.25	0.92%	100.0	%
Ag 328.068†	-40.9	21.90	53.55%	[0.00]	mg/L
Al 308.215†	-107.1	5.83	5.45%	[0.00]	mg/L
As 188.979†	-16.8	2.47	14.67%	[0.00]	mg/L
B 249.677†	16.0	9.23	57.73%	[0.00]	mg/L
Ba 233.527†	80.3	4.89	6.09%	[0.00]	mg/L
Be 313.042†	1417.8	10.53	0.74%	[0.00]	mg/L
Ca 317.933†	225.2	28.42	12.62%	[0.00]	mg/L
Cd 228.802†	243.2	4.50	1.85%	[0.00]	mg/L
Co 228.616†	-127.4	4.39	3.45%	[0.00]	mg/L
Cr 267.716†	-144.0	8.25	5.73%	[0.00]	mg/L
Cu 324.752†	2915.4	7.34	0.25%	[0.00]	mg/L
Fe 273.955†	-25.9	2.73	10.55%	[0.00]	mg/L
K 766.490†	-168.8	27.63	16.37%	[0.00]	mg/L
Mg 279.077†	-18.2	5.73	31.55%	[0.00]	mg/L
Mn 257.610†	128.8	7.66	5.95%	[0.00]	mg/L
Mo 202.031†	83.2	4.73	5.68%	[0.00]	mg/L
Na 589.592†	1892.9	48.60	2.57%	[0.00]	mg/L
Na 330.237†	253.8	5.06	1.99%	[0.00]	mg/L
Ni 231.604†	61.6	2.85	4.63%	[0.00]	mg/L
Pb 220.353†	-174.3	2.10	1.21%	[0.00]	mg/L
Sb 206.836†	73.7	2.88	3.91%	[0.00]	mg/L
Se 196.026†	-98.8	2.90	2.93%	[0.00]	mg/L
Si 288.158†	76.5	1.69	2.20%	[0.00]	mg/L
Sn 189.927†	-29.4	2.45	8.34%	[0.00]	mg/L
Sr 421.552†	-615.6	37.67	6.12%	[0.00]	mg/L
Ti 334.903†	-77.6	9.89	12.74%	[0.00]	mg/L
Tl 190.801†	-25.7	2.69	10.48%	[0.00]	mg/L
V 292.402†	129.0	2.93	2.27%	[0.00]	mg/L
Zn 206.200†	-81.2	6.34	7.81%	[0.00]	mg/L

Sequence No.: 2
Sample ID: STD2

Autosampler Location: 2
Date Collected: 6/16/2009 9:37:10 AM
Data Type: Original

Nebulizer Parameters: STD2

Analyte	Back Pressure	Flow
All	220.0 kPa	0.75 L/min

Mean Data: STD2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	2010366.9	28148.05	1.40%	100.9	%
ScR 361.383	601994.9	881.26	0.15%	100.6	%
Ba 233.527†	137017.9	581.36	0.42%	[10]	mg/L
Cd 228.802†	204701.5	2683.50	1.31%	[10]	mg/L
Co 228.616†	296867.4	3952.47	1.33%	[10]	mg/L
Cr 267.716†	139453.3	734.89	0.53%	[10]	mg/L
Cu 324.752†	2491959.1	36572.27	1.47%	[10]	mg/L
Mn 257.610†	1052300.5	8739.85	0.83%	[10]	mg/L
V 292.402†	1093038.3	14993.83	1.37%	[10]	mg/L

Sequence No.: 3
Sample ID: STD3

Autosampler Location: 3
Date Collected: 6/16/2009 9:38:25 AM
Data Type: Original

Nebulizer Parameters: STD3

Analyte	Back Pressure	Flow
All	220.0 kPa	0.75 L/min

Mean Data: STD3

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	1963793.1	4367.14	0.22%	98.57	%
ScR 361.383	597826.3	6771.83	1.13%	99.93	%
Ag 328.068†	215548.4	1024.99	0.48%	[1.0]	mg/L
As 188.979†	9816.5	45.59	0.46%	[10]	mg/L
B 249.677†	108082.1	456.29	0.42%	[10]	mg/L
Be 313.042†	4772527.6	49874.81	1.05%	[5.0]	mg/L
Na 589.592†	721491.3	3108.85	0.43%	[50]	mg/L
Ni 231.604†	47765.5	661.35	1.38%	[10]	mg/L
Pb 220.353†	66932.5	336.42	0.50%	[10]	mg/L
Se 196.026†	13408.9	68.04	0.51%	[10]	mg/L
Sr 421.552†	4585927.3	49809.81	1.09%	[5]	mg/L
Tl 190.801†	16562.2	64.05	0.39%	[10]	mg/L
Zn 206.200†	51793.4	358.42	0.69%	[10]	mg/L

Sequence No.: 4
Sample ID: STD4

Autosampler Location: 4
Date Collected: 6/16/2009 9:40:27 AM
Data Type: Original

Nebulizer Parameters: STD4

Analyte	Back Pressure	Flow
All	220.0 kPa	0.75 L/min

Mean Data: STD4

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	1999491.2	26815.48	1.34%	100.4	%
ScR 361.383	600353.9	4155.37	0.69%	100.4	%
Mo 202.031†	167597.6	2889.16	1.72%	[10]	mg/L
Sb 206.836†	24693.2	395.68	1.60%	[10]	mg/L
Si 288.158†	22128.1	55.27	0.25%	[10]	mg/L
Sn 189.927†	50844.6	853.32	1.68%	[10]	mg/L
Ti 334.903†	365401.0	2133.12	0.58%	[10]	mg/L

Sequence No.: 5
Sample ID: STD5

Autosampler Location: 5
Date Collected: 6/16/2009 9:42:05 AM
Data Type: Original

Nebulizer Parameters: STD5

Analyte	Back Pressure	Flow
All	220.0 kPa	0.75 L/min

Mean Data: STD5

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
ScA 357.253	1890063.5	3721.77	0.20%	94.87	%
ScR 361.383	596587.6	9192.38	1.54%	99.73	%
Al 308.215†	55232.3	728.68	1.32%	[30]	mg/L
Ca 317.933†	478023.8	6277.48	1.31%	[30]	mg/L
Fe 273.955†	181671.6	1922.64	1.06%	[100]	mg/L
K 766.490†	202121.9	2471.73	1.22%	[100]	mg/L
Mg 279.077†	44213.6	546.94	1.24%	[30]	mg/L
Na 330.237†	4649.7	51.34	1.10%	[100]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin Thru 0	0.0	215500	0.00000	1.000000	
Al 308.215	1	Lin Thru 0	0.0	1841	0.00000	1.000000	
As 188.979	1	Lin Thru 0	0.0	981.6	0.00000	1.000000	
B 249.677	1	Lin Thru 0	0.0	10810	0.00000	1.000000	
Ba 233.527	1	Lin Thru 0	0.0	13700	0.00000	1.000000	
Be 313.042	1	Lin Thru 0	0.0	954500	0.00000	1.000000	
Ca 317,933	1	Lin Thru 0	0.0	15930	0.00000	1.000000	
Cd 228.802	1	Lin Thru 0	0.0	20470	0.00000	1.000000	
Co 228.616	1	Lin Thru 0	0.0	29690	0.00000	1.000000	
Cr 267.716	1	Lin Thru 0	0.0	13950	0.00000	1.000000	
Cu 324.752	1	Lin Thru 0	0.0	249200	0.00000	1.000000	
Fe 273.955	1	Lin Thru 0	0.0	1817	0.00000	1.000000	
K 766.490	1	Lin Thru 0	0.0	2021	0.00000	1.000000	
Mg 279.077	1	Lin Thru 0	0.0	1474	0.00000	1.000000	
Mn 257.610	1	Lin Thru 0	0.0	105200	0.00000	1.000000	
Mo 202.031	1	Lin Thru 0	0.0	16760	0.00000	1.000000	
Na 589.592	1	Lin Thru 0	0.0	14430	0.00000	1.000000	
Na 330.237	1	Lin Thru 0	0.0	46.50	0.00000	1.000000	
Ni 231.604	1	Lin Thru 0	0.0	4777	0.00000	1.000000	
Pb 220.353	1	Lin Thru 0	0.0	6693	0.00000	1.000000	
Sb 206.836	1	Lin Thru 0	0.0	2469	0.00000	1.000000	
Se 196.026	1	Lin Thru 0	0.0	1341	0.00000	1.000000	
Si 288.158	1	Lin Thru 0	0.0	2213	0.00000	1.000000	
Sn 189.927	1	Lin Thru 0	0.0	5084	0.00000	1.000000	
Sr 421.552	1	Lin Thru 0	0.0	917200	0.00000	1.000000	
Ti 334.903	1	Lin Thru 0	0.0	36540	0.00000	1.000000	
Tl 190.801	1	Lin Thru 0	0.0	1656	0.00000	1.000000	
V 292.402	1	Lin Thru 0	0.0	109300	0.00000	1.000000	
Zn 206.200	1	Lin Thru 0	0.0	5179	0.00000	1.000000	

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Analysis Begun

Start Time: 6/16/2009 9:46:25 AM **Plasma On Time: 6/16/2009 8:35:58 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202 **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\metals\Sample Information\CRISET2.sif
Batch ID:
Results Data Set: I2090616
Results Library: C:\pe\metals\Results\Results.mdb

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Sequence No.: 1 **Autosampler Location: 7**
Sample ID: CV **Date Collected: 6/16/2009 9:46:27 AM**
Data Type: Original

Dilution: 1X

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
ScA 357.253	1961282.7	98.44	%	0.198				0.20%
ScR 361.383	587183.3	98.16	%	0.846				0.86%
Ag 328.068†	208432.0	0.9671	mg/L	0.00504	0.9671	mg/L	0.00504	0.52%
Al 308.215†	3715.1	1.985	mg/L	0.0195	1.985	mg/L	0.0195	0.98%
As 188.979†	1968.2	2.001	mg/L	0.0116	2.001	mg/L	0.0116	0.58%
B 249.677†	10838.2	1.002	mg/L	0.0023	1.002	mg/L	0.0023	0.23%
Ba 233.527†	13835.3	1.009	mg/L	0.0054	1.009	mg/L	0.0054	0.53%
Be 313.042†	951735.0	0.9940	mg/L	0.00923	0.9940	mg/L	0.00923	0.93%
Ca 317.933†	32778.5	2.057	mg/L	0.0084	2.057	mg/L	0.0084	0.41%
Cd 228.802†	21550.3	1.038	mg/L	0.0045	1.038	mg/L	0.0045	0.44%
Co 228.616†	30106.7	1.013	mg/L	0.0042	1.013	mg/L	0.0042	0.42%
Cr 267.716†	14023.0	1.005	mg/L	0.0034	1.005	mg/L	0.0034	0.34%
Cu 324.752†	246819.8	0.9903	mg/L	0.00409	0.9903	mg/L	0.00409	0.41%
Fe 273.955†	3646.5	1.992	mg/L	0.0130	1.992	mg/L	0.0130	0.65%
K 766.490†	39612.4	19.60	mg/L	0.170	19.60	mg/L	0.170	0.87%
Mg 279.077†	2992.0	2.035	mg/L	0.0193	2.035	mg/L	0.0193	0.95%
Mn 257.610†	102441.9	0.9740	mg/L	0.00939	0.9740	mg/L	0.00939	0.96%
Mo 202.031†	16522.1	0.9858	mg/L	0.00632	0.9858	mg/L	0.00632	0.64%
Na 589.592†	722308.2	50.06	mg/L	0.438	50.06	mg/L	0.438	0.88%
Na 330.237†	2395.9	51.28	mg/L	0.408	51.28	mg/L	0.408	0.80%
Ni 231.604†	4795.8	1.005	mg/L	0.0058	1.005	mg/L	0.0058	0.58%
Pb 220.353†	13422.1	2.007	mg/L	0.0106	2.007	mg/L	0.0106	0.53%
Sb 206.836†	4928.4	1.997	mg/L	0.0063	1.997	mg/L	0.0063	0.31%
Se 196.026†	2669.5	1.991	mg/L	0.0034	1.991	mg/L	0.0034	0.17%
Si 288.158†	4543.0	2.059	mg/L	0.0119	2.059	mg/L	0.0119	0.58%
Sn 189.927†	5041.8	0.9939	mg/L	0.00088	0.9939	mg/L	0.00088	0.09%
Sr 421.552†	964450.3	1.052	mg/L	0.0095	1.052	mg/L	0.0095	0.90%
Ti 334.903†	36019.5	0.9827	mg/L	0.01075	0.9827	mg/L	0.01075	1.09%
Tl 190.801†	3338.8	2.009	mg/L	0.0106	2.009	mg/L	0.0106	0.53%
V 292.402†	107225.8	0.9851	mg/L	0.00408	0.9851	mg/L	0.00408	0.41%
Zn 206.200†	5252.0	1.014	mg/L	0.0027	1.014	mg/L	0.0027	0.26%

Sequence No.: 2
Sample ID: CB
Dilution: 1X

Autosampler Location: 1
Date Collected: 6/16/2009 9:48:59 AM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1961185.8	98.43	%	0.479				0.49%
ScR 361.383	594905.4	99.45	%	0.738				0.74%
Ag 328.068†	74.7	0.00035	mg/L	0.000174	0.00035	mg/L	0.000174	50.11%
Al 308.215†	10.9	0.00588	mg/L	0.003307	0.00588	mg/L	0.003307	56.26%
As 188.979†	0.7	0.00072	mg/L	0.003731	0.00072	mg/L	0.003731	521.63%
B 249.677†	42.0	0.00389	mg/L	0.000178	0.00389	mg/L	0.000178	4.57%
Ba 233.527†	6.7	0.00049	mg/L	0.000255	0.00049	mg/L	0.000255	52.19%
Be 313.042†	109.5	0.00011	mg/L	0.000034	0.00011	mg/L	0.000034	30.13%
Ca 317.933†	9.1	0.00057	mg/L	0.000732	0.00057	mg/L	0.000732	127.54%
Cd 228.802†	10.2	0.00049	mg/L	0.000656	0.00049	mg/L	0.000656	133.03%
Co 228.616†	15.0	0.00051	mg/L	0.000433	0.00051	mg/L	0.000433	85.64%
Cr 267.716†	-2.6	-0.00019	mg/L	0.000440	-0.00019	mg/L	0.000440	236.66%
Cu 324.752†	171.1	0.00069	mg/L	0.000171	0.00069	mg/L	0.000171	24.93%
Fe 273.955†	5.7	0.00310	mg/L	0.002127	0.00310	mg/L	0.002127	68.60%
K 766.490†	10.8	0.00536	mg/L	0.017840	0.00536	mg/L	0.017840	333.06%
Mg 279.077†	1.2	0.00085	mg/L	0.005000	0.00085	mg/L	0.005000	591.54%
Mn 257.610†	14.8	0.00014	mg/L	0.000065	0.00014	mg/L	0.000065	45.98%
Mo 202.031†	12.3	0.00073	mg/L	0.000515	0.00073	mg/L	0.000515	70.23%
Na 589.592†	140.9	0.00976	mg/L	0.001650	0.00976	mg/L	0.001650	16.90%
Na 330.237†	9.6	0.2069	mg/L	0.25411	0.2069	mg/L	0.25411	122.79%
Ni 231.604†	1.4	0.00029	mg/L	0.000092	0.00029	mg/L	0.000092	31.66%
Pb 220.353†	-4.1	-0.00061	mg/L	0.001490	-0.00061	mg/L	0.001490	243.28%
Sb 206.836†	5.5	0.00224	mg/L	0.001607	0.00224	mg/L	0.001607	71.77%
Se 196.026†	-1.4	-0.00102	mg/L	0.001278	-0.00102	mg/L	0.001278	125.68%
Si 288.158†	-1.0	-0.00043	mg/L	0.002865	-0.00043	mg/L	0.002865	669.05%
Sn 189.927†	4.0	0.00079	mg/L	0.000537	0.00079	mg/L	0.000537	68.32%
Sr 421.552†	91.8	0.00010	mg/L	0.000047	0.00010	mg/L	0.000047	46.69%
Ti 334.903†	-22.2	-0.00061	mg/L	0.000369	-0.00061	mg/L	0.000369	60.60%
Tl 190.801†	4.4	0.00268	mg/L	0.004159	0.00268	mg/L	0.004159	155.17%
V 292.402†	66.1	0.00060	mg/L	0.000454	0.00060	mg/L	0.000454	75.13%
Zn 206.200†	-0.7	-0.00014	mg/L	0.000567	-0.00014	mg/L	0.000567	402.32%

Sequence No.: 3
Sample ID: CRI

Autosampler Location: 301
Date Collected: 6/16/2009 9:52:43 AM
Data Type: Original

Dilution: 1X

Nebulizer Parameters: CRI

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	1958382.2	98.29	%	0.578				0.59%
ScR 361.383	593214.2	99.16	%	0.484				0.49%
Ag 328.068†	646.8	0.00300	mg/L	0.000035	0.00300	mg/L	0.000035	1.17%
Al 308.215†	104.8	0.05681	mg/L	0.001311	0.05681	mg/L	0.001311	2.31%
As 188.979†	50.5	0.05136	mg/L	0.006535	0.05136	mg/L	0.006535	12.73%
B 249.677†	235.0	0.02174	mg/L	0.000577	0.02174	mg/L	0.000577	2.65%
Ba 233.527†	43.4	0.00316	mg/L	0.000184	0.00316	mg/L	0.000184	5.80%
Be 313.042†	915.8	0.00095	mg/L	0.000034	0.00095	mg/L	0.000034	3.63%
Ca 317.933†	777.1	0.04877	mg/L	0.000938	0.04877	mg/L	0.000938	1.92%
Cd 228.802†	54.1	0.00225	mg/L	0.000090	0.00225	mg/L	0.000090	4.02%
Co 228.616†	90.3	0.00303	mg/L	0.000277	0.00303	mg/L	0.000277	9.14%
Cr 267.716†	64.7	0.00464	mg/L	0.000603	0.00464	mg/L	0.000603	13.00%
Cu 324.752†	553.4	0.00222	mg/L	0.000048	0.00222	mg/L	0.000048	2.16%
Fe 273.955†	94.1	0.05174	mg/L	0.000927	0.05174	mg/L	0.000927	1.79%
K 766.490†	1032.1	0.5106	mg/L	0.02340	0.5106	mg/L	0.02340	4.58%
Mg 279.077†	84.0	0.05701	mg/L	0.003304	0.05701	mg/L	0.003304	5.80%
Mn 257.610†	111.8	0.00107	mg/L	0.000040	0.00107	mg/L	0.000040	3.77%
Mo 202.031†	86.7	0.00517	mg/L	0.000141	0.00517	mg/L	0.000141	2.72%
Na 589.592†	7285.5	0.5049	mg/L	0.00195	0.5049	mg/L	0.00195	0.39%
Na 330.237†	18.4	0.3906	mg/L	0.44921	0.3906	mg/L	0.44921	115.02%
Ni 231.604†	46.6	0.00980	mg/L	0.000967	0.00980	mg/L	0.000967	9.87%
Pb 220.353†	129.2	0.01931	mg/L	0.001185	0.01931	mg/L	0.001185	6.14%
Sb 206.836†	132.6	0.05376	mg/L	0.001937	0.05376	mg/L	0.001937	3.60%
Se 196.026†	66.8	0.04984	mg/L	0.001445	0.04984	mg/L	0.001445	2.90%
Si 288.158†	138.5	0.06262	mg/L	0.001380	0.06262	mg/L	0.001380	2.20%
Sn 189.927†	53.3	0.01053	mg/L	0.000210	0.01053	mg/L	0.000210	2.00%
Sr 421.552†	863.4	0.00094	mg/L	0.000024	0.00094	mg/L	0.000024	2.59%
Ti 334.903†	142.4	0.00387	mg/L	0.000134	0.00387	mg/L	0.000134	3.45%
Tl 190.801†	83.6	0.05045	mg/L	0.000726	0.05045	mg/L	0.000726	1.44%
V 292.402†	342.4	0.00315	mg/L	0.000144	0.00315	mg/L	0.000144	4.58%
Zn 206.200†	68.9	0.01330	mg/L	0.000774	0.01330	mg/L	0.000774	5.82%

Sequence No.: 4
Sample ID: ICSA

Autosampler Location: 302
Date Collected: 6/16/2009 9:56:27 AM
Data Type: Original

Dilution: 1X

Nebulizer Parameters: ICSA

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1954016.7	98.07	%	0.574				0.58%
ScR 361.383	588620.7	98.40	%	0.425				0.43%
Ag 328.068†	-266.1	-0.00123	mg/L	0.000201	-0.00123	mg/L	0.000201	16.36%
Al 308.215†	379310.1	206.0	mg/L	1.97	206.0	mg/L	1.97	0.96%
As 188.979†	138.4	0.06324	mg/L	0.005351	0.06324	mg/L	0.005351	8.46%
B 249.677†	-95.0	-0.00879	mg/L	0.000993	-0.00879	mg/L	0.000993	11.30%
Ba 233.527†	140.0	-0.00036	mg/L	0.000414	-0.00036	mg/L	0.000414	113.43%
Be 313.042†	68.1	0.00005	mg/L	0.000004	0.00005	mg/L	0.000004	7.82%
Ca 317.933†	1603621.7	100.6	mg/L	1.21	100.6	mg/L	1.21	1.20%
Cd 228.802†	5.1	-0.00207	mg/L	0.000369	-0.00207	mg/L	0.000369	17.88%
Co 228.616†	8.5	0.00024	mg/L	0.000114	0.00024	mg/L	0.000114	48.24%
Cr 267.716†	-72.2	-0.00060	mg/L	0.000549	-0.00060	mg/L	0.000549	91.07%
Cu 324.752†	-3323.6	0.00018	mg/L	0.000264	0.00018	mg/L	0.000264	142.79%
Fe 273.955†	354845.9	195.3	mg/L	1.58	195.3	mg/L	1.58	0.81%
K 766.490†	-13.8	-0.00684	mg/L	0.009670	-0.00684	mg/L	0.009670	141.45%
Mg 279.077†	152502.3	103.4	mg/L	1.00	103.4	mg/L	1.00	0.97%
Mn 257.610†	180.0	-0.00065	mg/L	0.000105	-0.00065	mg/L	0.000105	16.15%
Mo 202.031†	73.8	0.00331	mg/L	0.000487	0.00331	mg/L	0.000487	14.68%
Na 589.592†	150.5	0.01043	mg/L	0.002269	0.01043	mg/L	0.002269	21.75%
Na 330.237†	115.7	1.305	mg/L	0.1149	1.305	mg/L	0.1149	8.81%
Ni 231.604†	0.6	0.00015	mg/L	0.001200	0.00015	mg/L	0.001200	809.12%
Pb 220.353†	-280.8	-0.01428	mg/L	0.001134	-0.01428	mg/L	0.001134	7.94%
Sb 206.836†	94.9	0.03844	mg/L	0.002388	0.03844	mg/L	0.002388	6.21%
Se 196.026†	-27.2	-0.00089	mg/L	0.004281	-0.00089	mg/L	0.004281	479.04%
Si 288.158†	-40.6	-0.01835	mg/L	0.003601	-0.01835	mg/L	0.003601	19.62%
Sn 189.927†	-37.0	-0.00457	mg/L	0.001117	-0.00457	mg/L	0.001117	24.44%
Sr 421.552†	738.0	0.00080	mg/L	0.000018	0.00080	mg/L	0.000018	2.20%
Ti 334.903†	1019.9	0.00609	mg/L	0.000556	0.00609	mg/L	0.000556	9.13%
Tl 190.801†	3.7	0.02302	mg/L	0.002038	0.02302	mg/L	0.002038	8.85%
V 292.402†	715.3	-0.00245	mg/L	0.000746	-0.00245	mg/L	0.000746	30.46%
Zn 206.200†	-0.8	-0.00158	mg/L	0.000795	-0.00158	mg/L	0.000795	50.33%

Sequence No.: 5
Sample ID: ICSAB

Autosampler Location: 303
Date Collected: 6/16/2009 10:00:12 AM
Data Type: Original

Dilution: 1X

Nebulizer Parameters: ICSAB

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1939995.4	97.37	%	0.504				0.52%
ScR 361.383	588602.5	98.39	%	0.127				0.13%
Ag 328.068†	216160.2	1.003	mg/L	0.0008	1.003	mg/L	0.0008	0.08%
Al 308.215†	368921.0	200.4	mg/L	0.74	200.4	mg/L	0.74	0.37%
As 188.979†	1132.0	1.074	mg/L	0.0023	1.074	mg/L	0.0023	0.22%
B 249.677†	-73.0	-0.00839	mg/L	0.001463	-0.00839	mg/L	0.001463	17.44%
Ba 233.527†	14041.6	1.014	mg/L	0.0035	1.014	mg/L	0.0035	0.35%
Be 313.042†	969722.2	1.013	mg/L	0.0047	1.013	mg/L	0.0047	0.47%
Ca 317.933†	1618465.7	101.6	mg/L	0.58	101.6	mg/L	0.58	0.57%
Cd 228.802†	21553.1	1.043	mg/L	0.0072	1.043	mg/L	0.0072	0.69%
Co 228.616†	29307.3	0.9869	mg/L	0.00570	0.9869	mg/L	0.00570	0.58%
Cr 267.716†	14274.2	1.028	mg/L	0.0026	1.028	mg/L	0.0026	0.25%
Cu 324.752†	249585.8	1.016	mg/L	0.0014	1.016	mg/L	0.0014	0.13%
Fe 273.955†	358227.9	197.2	mg/L	1.63	197.2	mg/L	1.63	0.83%
K 766.490†	-254.4	-0.1259	mg/L	0.00673	-0.1259	mg/L	0.00673	5.34%
Mg 279.077†	148393.4	100.6	mg/L	0.65	100.6	mg/L	0.65	0.65%
Mn 257.610†	102227.8	0.9694	mg/L	0.00424	0.9694	mg/L	0.00424	0.44%
Mo 202.031†	72.0	0.00320	mg/L	0.000316	0.00320	mg/L	0.000316	9.86%
Na 589.592†	391.0	0.02710	mg/L	0.001993	0.02710	mg/L	0.001993	7.36%
Na 330.237†	141.1	1.425	mg/L	0.0245	1.425	mg/L	0.0245	1.72%
Ni 231.604†	4662.7	0.9763	mg/L	0.00702	0.9763	mg/L	0.00702	0.72%
Pb 220.353†	6267.2	0.9641	mg/L	0.00486	0.9641	mg/L	0.00486	0.50%
Sb 206.836†	2585.0	1.036	mg/L	0.0074	1.036	mg/L	0.0074	0.72%
Se 196.026†	1326.6	1.009	mg/L	0.0011	1.009	mg/L	0.0011	0.11%
Si 288.158†	-48.2	-0.01734	mg/L	0.006370	-0.01734	mg/L	0.006370	36.74%
Sn 189.927†	-35.7	-0.00337	mg/L	0.001323	-0.00337	mg/L	0.001323	39.30%
Sr 421.552†	813.0	0.00089	mg/L	0.000052	0.00089	mg/L	0.000052	5.82%
Ti 334.903†	995.0	0.00509	mg/L	0.000481	0.00509	mg/L	0.000481	9.45%
Tl 190.801†	1608.9	0.9823	mg/L	0.00539	0.9823	mg/L	0.00539	0.55%
V 292.402†	107693.7	0.9805	mg/L	0.00159	0.9805	mg/L	0.00159	0.16%
Zn 206.200†	5128.7	0.9894	mg/L	0.00305	0.9894	mg/L	0.00305	0.31%

Sequence No.: 6
**Sample ID: CV **

Autosampler Location: 7
Date Collected: 6/16/2009 10:03:29 AM
Data Type: Original

Dilution: 1X

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	2000089.4	100.4	%	0.27				0.27%
ScR 361.383	597775.5	99.93	%	0.770				0.77%
Ag 328.068†	208295.1	0.9665	mg/L	0.00271	0.9665	mg/L	0.00271	0.28%
Al 308.215†	3778.6	2.020	mg/L	0.0276	2.020	mg/L	0.0276	1.37%
As 188.979†	1975.6	2.008	mg/L	0.0041	2.008	mg/L	0.0041	0.20%
B 249.677†	10788.2	0.9972	mg/L	0.00668	0.9972	mg/L	0.00668	0.67%
Ba 233.527†	13917.1	1.015	mg/L	0.0080	1.015	mg/L	0.0080	0.79%
Be 313.042†	959813.7	1.002	mg/L	0.0079	1.002	mg/L	0.0079	0.79%
Ca 317.933†	33489.0	2.102	mg/L	0.0233	2.102	mg/L	0.0233	1.11%
Cd 228.802†	21634.3	1.042	mg/L	0.0036	1.042	mg/L	0.0036	0.34%
Co 228.616†	30307.5	1.019	mg/L	0.0029	1.019	mg/L	0.0029	0.29%
Cr 267.716†	14151.6	1.014	mg/L	0.0100	1.014	mg/L	0.0100	0.99%
Cu 324.752†	245342.9	0.9844	mg/L	0.00112	0.9844	mg/L	0.00112	0.11%
Fe 273.955†	3727.3	2.037	mg/L	0.0212	2.037	mg/L	0.0212	1.04%
K 766.490†	39328.5	19.46	mg/L	0.219	19.46	mg/L	0.219	1.13%
Mg 279.077†	3017.5	2.052	mg/L	0.0243	2.052	mg/L	0.0243	1.18%
Mn 257.610†	103138.2	0.9806	mg/L	0.00957	0.9806	mg/L	0.00957	0.98%
Mo 202.031†	16556.2	0.9878	mg/L	0.00265	0.9878	mg/L	0.00265	0.27%
Na 589.592†	717398.3	49.72	mg/L	0.438	49.72	mg/L	0.438	0.88%
Na 330.237†	2403.3	51.43	mg/L	0.509	51.43	mg/L	0.509	0.99%
Ni 231.604†	4750.1	0.9954	mg/L	0.00808	0.9954	mg/L	0.00808	0.81%
Pb 220.353†	13524.6	2.022	mg/L	0.0062	2.022	mg/L	0.0062	0.31%
Sb 206.836†	4929.2	1.997	mg/L	0.0050	1.997	mg/L	0.0050	0.25%
Se 196.026†	2670.2	1.992	mg/L	0.0056	1.992	mg/L	0.0056	0.28%
Si 288.158†	4543.6	2.060	mg/L	0.0048	2.060	mg/L	0.0048	0.23%
Sn 189.927†	5069.3	0.9994	mg/L	0.00288	0.9994	mg/L	0.00288	0.29%
Sr 421.552†	957617.7	1.044	mg/L	0.0086	1.044	mg/L	0.0086	0.82%
Ti 334.903†	36294.0	0.9902	mg/L	0.01118	0.9902	mg/L	0.01118	1.13%
Tl 190.801†	3346.3	2.013	mg/L	0.0051	2.013	mg/L	0.0051	0.25%
V 292.402†	107508.3	0.9877	mg/L	0.00405	0.9877	mg/L	0.00405	0.41%
Zn 206.200†	5340.3	1.032	mg/L	0.0102	1.032	mg/L	0.0102	0.98%

Sequence No.: 7
Sample ID: CB

Autosampler Location: 1
Date Collected: 6/16/2009 10:06:01 AM
Data Type: Original

Dilution: 1X

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2001443.8	100.5	%	0.40				0.40%
ScR 361.383	599647.6	100.2	%	0.86				0.86%
Ag 328.068†	59.2	0.00027	mg/L	0.000342	0.00027	mg/L	0.000342	124.49%
Al 308.215†	14.0	0.00756	mg/L	0.003255	0.00756	mg/L	0.003255	43.07%
As 188.979†	1.7	0.00170	mg/L	0.000669	0.00170	mg/L	0.000669	39.30%
B 249.677†	26.1	0.00241	mg/L	0.000624	0.00241	mg/L	0.000624	25.88%
Ba 233.527†	6.2	0.00045	mg/L	0.000157	0.00045	mg/L	0.000157	35.11%
Be 313.042†	84.5	0.00009	mg/L	0.000019	0.00009	mg/L	0.000019	21.48%
Ca 317.933†	21.5	0.00135	mg/L	0.000871	0.00135	mg/L	0.000871	64.72%
Cd 228.802†	13.0	0.00062	mg/L	0.000445	0.00062	mg/L	0.000445	71.39%
Co 228.616†	16.3	0.00055	mg/L	0.000527	0.00055	mg/L	0.000527	95.75%
Cr 267.716†	-11.1	-0.00080	mg/L	0.000203	-0.00080	mg/L	0.000203	25.47%
Cu 324.752†	155.0	0.00062	mg/L	0.000265	0.00062	mg/L	0.000265	42.63%
Fe 273.955†	7.8	0.00426	mg/L	0.000610	0.00426	mg/L	0.000610	14.31%
K 766.490†	-35.5	-0.01758	mg/L	0.011818	-0.01758	mg/L	0.011818	67.24%
Mg 279.077†	0.3	0.00020	mg/L	0.004098	0.00020	mg/L	0.004098	>999.9%
Mn 257.610†	9.6	0.00009	mg/L	0.000054	0.00009	mg/L	0.000054	59.18%
Mo 202.031†	9.9	0.00059	mg/L	0.000638	0.00059	mg/L	0.000638	107.92%
Na 589.592†	109.7	0.00760	mg/L	0.003726	0.00760	mg/L	0.003726	49.00%
Na 330.237†	8.9	0.1914	mg/L	0.18276	0.1914	mg/L	0.18276	95.50%
Ni 231.604†	0.4	0.00008	mg/L	0.000366	0.00008	mg/L	0.000366	475.43%
Pb 220.353†	3.0	0.00045	mg/L	0.001292	0.00045	mg/L	0.001292	286.80%
Sb 206.836†	8.0	0.00328	mg/L	0.001803	0.00328	mg/L	0.001803	55.03%
Se 196.026†	-0.8	-0.00058	mg/L	0.001419	-0.00058	mg/L	0.001419	244.44%
Si 288.158†	2.3	0.00104	mg/L	0.005607	0.00104	mg/L	0.005607	538.72%
Sn 189.927†	7.6	0.00150	mg/L	0.000954	0.00150	mg/L	0.000954	63.64%
Sr 421.552†	11.1	0.00001	mg/L	0.000051	0.00001	mg/L	0.000051	422.87%
Ti 334.903†	-12.9	-0.00035	mg/L	0.000561	-0.00035	mg/L	0.000561	158.22%
Tl 190.801†	2.7	0.00165	mg/L	0.001085	0.00165	mg/L	0.001085	65.72%
V 292.402†	77.0	0.00070	mg/L	0.000665	0.00070	mg/L	0.000665	94.73%
Zn 206.200†	-1.3	-0.00025	mg/L	0.001186	-0.00025	mg/L	0.001186	473.94%

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Analysis Begun

Start Time: 6/16/2009 10:11:12 AM **Plasma On Time: 6/16/2009 8:35:58 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202 **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\metals\Sample Information\CRISET2.sif
Batch ID:
Results Data Set: I2090616
Results Library: C:\pe\metals\Results\Results.mdb

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Sequence No.: 1 **Autosampler Location: 304**
Sample ID: PB44R MB1 SWC **Date Collected: 6/16/2009 10:11:13 AM**
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R MB1 SWC

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: PB44R MB1 SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1987730.3	99.77	%	0.248				0.25%
ScR 361.383	609263.9	101.8	%	2.71				2.66%
Ag 328.068†	7.4	0.00003	mg/L	0.000229	0.00007	mg/L	0.000457	665.46%
Al 308.215†	83.2	0.04520	mg/L	0.002521	0.09041	mg/L	0.005041	5.58%
As 188.979†	-0.7	-0.00081	mg/L	0.003940	-0.00162	mg/L	0.007880	486.29%
B 249.677†	15.4	0.00143	mg/L	0.000111	0.00285	mg/L	0.000222	7.80%
Ba 233.527†	3.0	0.00022	mg/L	0.000508	0.00044	mg/L	0.001015	232.04%
Be 313.042†	-24.1	-0.00003	mg/L	0.000064	-0.00005	mg/L	0.000128	252.95%
Ca 317.933†	1190.2	0.07469	mg/L	0.002387	0.1494	mg/L	0.00477	3.20%
Cd 228.802†	2.6	0.00013	mg/L	0.000053	0.00026	mg/L	0.000106	39.98%
Co 228.616†	2.7	0.00009	mg/L	0.000242	0.00017	mg/L	0.000485	285.04%
Cr 267.716†	3.6	0.00026	mg/L	0.000638	0.00051	mg/L	0.001276	249.53%
Cu 324.752†	101.4	0.00041	mg/L	0.000080	0.00081	mg/L	0.000160	19.71%
Fe 273.955†	8.5	0.00470	mg/L	0.001483	0.00939	mg/L	0.002966	31.58%
K 766.490†	0.3	0.00016	mg/L	0.009684	0.00032	mg/L	0.019368	>999.9%
Mg 279.077†	20.0	0.01356	mg/L	0.006236	0.02712	mg/L	0.012471	45.99%
Mn 257.610†	8.8	0.00008	mg/L	0.000016	0.00017	mg/L	0.000032	19.50%
Mo 202.031†	-0.8	-0.00005	mg/L	0.000156	-0.00010	mg/L	0.000311	308.70%
Na 589.592†	215.4	0.01493	mg/L	0.002468	0.02986	mg/L	0.004936	16.53%
Na 330.237†	10.1	0.2172	mg/L	0.26457	0.4344	mg/L	0.52915	121.81%
Ni 231.604†	-3.7	-0.00078	mg/L	0.001159	-0.00156	mg/L	0.002317	148.72%
Pb 220.353†	-7.0	-0.00103	mg/L	0.000584	-0.00206	mg/L	0.001168	56.62%
Sb 206.836†	7.9	0.00321	mg/L	0.003284	0.00642	mg/L	0.006568	102.23%
Se 196.026†	3.4	0.00252	mg/L	0.004438	0.00503	mg/L	0.008876	176.36%
Si 288.158†	255.1	0.1153	mg/L	0.00348	0.2305	mg/L	0.00696	3.02%
Sn 189.927†	7.3	0.00144	mg/L	0.000704	0.00288	mg/L	0.001408	48.86%
Sr 421.552†	-23.5	-0.00003	mg/L	0.000026	-0.00005	mg/L	0.000052	100.74%
Ti 334.903†	87.2	0.00237	mg/L	0.001173	0.00474	mg/L	0.002346	49.49%
Tl 190.801†	-1.5	-0.00092	mg/L	0.004055	-0.00184	mg/L	0.008111	440.13%
V 292.402†	2.6	0.00002	mg/L	0.000090	0.00005	mg/L	0.000181	390.76%
Zn 206.200†	2.6	0.00051	mg/L	0.000518	0.00101	mg/L	0.001036	102.47%

Sequence No.: 2
Sample ID: PB63 I SWC

Autosampler Location: 305
Date Collected: 6/16/2009 10:14:58 AM
Data Type: Original

Dilution: 5X

Nebulizer Parameters: PB63 I SWC

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: PB63 I SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1994255.4	100.1	%	0.94				0.94%
ScR 361.383	610164.2	102.0	%	0.73				0.71%
Ag 328.068†	-124.7	-0.00056	mg/L	0.000159	-0.00279	mg/L	0.000796	28.54%
Al 308.215†	97179.1	52.78	mg/L	0.214	263.9	mg/L	1.07	0.41%
As 188.979†	113.9	0.09704	mg/L	0.002666	0.4852	mg/L	0.01333	2.75%
B 249.677†	529.2	0.04889	mg/L	0.000677	0.2444	mg/L	0.00339	1.38%
Ba 233.527†	2009.1	0.1373	mg/L	0.00207	0.6867	mg/L	0.01034	1.51%
Be 313.042†	1366.6	0.00090	mg/L	0.000042	0.00448	mg/L	0.000209	4.66%
Ca 317.933†	280236.0	17.59	mg/L	0.077	87.94	mg/L	0.385	0.44%
Cd 228.802†	54.9	0.00054	mg/L	0.000193	0.00268	mg/L	0.000967	36.10%
Co 228.616†	1590.9	0.04833	mg/L	0.000275	0.2416	mg/L	0.00138	0.57%
Cr 267.716†	2216.7	0.1662	mg/L	0.00198	0.8310	mg/L	0.00990	1.19%
Cu 324.752†	53489.8	0.2254	mg/L	0.00329	1.127	mg/L	0.0165	1.46%
Fe 273.955†	294099.9	161.9	mg/L	1.06	809.4	mg/L	5.29	0.65%
K 766.490†	10108.3	5.001	mg/L	0.0159	25.01	mg/L	0.080	0.32%
Mg 279.077†	38729.1	26.22	mg/L	0.124	131.1	mg/L	0.62	0.47%
Mn 257.610†	115106.2	1.093	mg/L	0.0050	5.466	mg/L	0.0251	0.46%
Mo 202.031†	161.0	0.00941	mg/L	0.000832	0.04707	mg/L	0.004158	8.83%
Na 589.592†	134836.8	9.344	mg/L	0.0281	46.72	mg/L	0.141	0.30%
Na 330.237†	447.3	9.861	mg/L	0.3073	49.31	mg/L	1.537	3.12%
Ni 231.604†	914.1	0.1913	mg/L	0.00247	0.9567	mg/L	0.01237	1.29%
Pb 220.353†	535.4	0.07869	mg/L	0.001476	0.3935	mg/L	0.00738	1.88%
Sb 206.836†	43.6	0.01618	mg/L	0.002406	0.08089	mg/L	0.012031	14.87%
Se 196.026†	-20.1	0.00392	mg/L	0.004559	0.01959	mg/L	0.022794	116.34%
Si 288.158†	1788.8	0.8085	mg/L	0.00621	4.043	mg/L	0.0311	0.77%
Sn 189.927†	32.8	0.00812	mg/L	0.000530	0.04062	mg/L	0.002650	6.52%
Sr 421.552†	128401.5	0.1400	mg/L	0.00055	0.7000	mg/L	0.00274	0.39%
Ti 334.903†	102339.3	2.797	mg/L	0.0102	13.98	mg/L	0.051	0.36%
Tl 190.801†	-16.8	0.01174	mg/L	0.003295	0.05871	mg/L	0.016473	28.06%
V 292.402†	18526.1	0.1614	mg/L	0.00260	0.8071	mg/L	0.01299	1.61%
Zn 206.200†	1553.3	0.2997	mg/L	0.00447	1.499	mg/L	0.0223	1.49%

Sequence No.: 3
Sample ID: PB44R B SWC

Autosampler Location: 306
Date Collected: 6/16/2009 10:18:28 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R B SWC

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: PB44R B SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1999767.9	100.4	%	0.83				0.83%
ScR 361.383	601244.0	100.5	%	1.42				1.41%
Ag 328.068†	-282.9	-0.00125	mg/L	0.000114	-0.00249	mg/L	0.000227	9.12%
Al 308.215†	177557.4	96.43	mg/L	0.484	192.9	mg/L	0.97	0.50%
As 188.979†	155.4	0.08718	mg/L	0.002705	0.1744	mg/L	0.00541	3.10%
B 249.677†	396.8	0.03660	mg/L	0.001018	0.07321	mg/L	0.002036	2.78%
Ba 233.527†	2935.2	0.2062	mg/L	0.00353	0.4123	mg/L	0.00706	1.71%
Be 313.042†	2414.2	0.00153	mg/L	0.000069	0.00306	mg/L	0.000139	4.53%
Ca 317.933†	1262118.0	79.21	mg/L	0.586	158.4	mg/L	1.17	0.74%
Cd 228.802†	10.6	-0.00138	mg/L	0.000435	-0.00276	mg/L	0.000870	31.47%
Co 228.616†	2018.0	0.05750	mg/L	0.000456	0.1150	mg/L	0.00091	0.79%
Cr 267.716†	3542.7	0.2580	mg/L	0.00429	0.5161	mg/L	0.00858	1.66%
Cu 324.752†	33923.6	0.1448	mg/L	0.00112	0.2896	mg/L	0.00223	0.77%
Fe 273.955†	263086.2	144.8	mg/L	0.68	289.6	mg/L	1.36	0.47%
K 766.490†	14920.3	7.382	mg/L	0.0310	14.76	mg/L	0.062	0.42%
Mg 279.077†	86854.9	58.88	mg/L	0.384	117.8	mg/L	0.77	0.65%
Mn 257.610†	197323.8	1.874	mg/L	0.0118	3.748	mg/L	0.0236	0.63%
Mo 202.031†	78.6	0.00383	mg/L	0.000332	0.00767	mg/L	0.000663	8.65%
Na 589.592†	209274.0	14.50	mg/L	0.047	29.01	mg/L	0.093	0.32%
Na 330.237†	743.4	16.05	mg/L	0.444	32.11	mg/L	0.889	2.77%
Ni 231.604†	1194.5	0.2500	mg/L	0.00484	0.5000	mg/L	0.00968	1.94%
Pb 220.353†	207.4	0.04127	mg/L	0.000870	0.08254	mg/L	0.001741	2.11%
Sb 206.836†	66.7	0.02469	mg/L	0.005372	0.04937	mg/L	0.010743	21.76%
Se 196.026†	-13.0	0.00550	mg/L	0.001102	0.01100	mg/L	0.002205	20.04%
Si 288.158†	3121.7	1.411	mg/L	0.0166	2.822	mg/L	0.0332	1.18%
Sn 189.927†	-18.0	0.00098	mg/L	0.000683	0.00195	mg/L	0.001367	70.08%
Sr 421.552†	594609.9	0.6483	mg/L	0.00332	1.297	mg/L	0.0066	0.51%
Ti 334.903†	204134.7	5.569	mg/L	0.0553	11.14	mg/L	0.111	0.99%
Tl 190.801†	20.5	0.02572	mg/L	0.003583	0.05144	mg/L	0.007167	13.93%
V 292.402†	34526.8	0.3076	mg/L	0.00279	0.6153	mg/L	0.00558	0.91%
Zn 206.200†	1806.9	0.3479	mg/L	0.00627	0.6958	mg/L	0.01254	1.80%

Sequence No.: 4
Sample ID: PB44R C SWC

Autosampler Location: 307
Date Collected: 6/16/2009 10:22:00 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R C SWC

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: PB44R C SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1992638.9	100.0	%	0.21				0.21%
ScR 361.383	611829.1	102.3	%	1.30				1.27%
Ag 328.068†	-231.2	-0.00100	mg/L	0.000117	-0.00200	mg/L	0.000235	11.74%
Al 308.215†	206681.6	112.2	mg/L	0.57	224.5	mg/L	1.15	0.51%
As 188.979†	140.2	0.09981	mg/L	0.008096	0.1996	mg/L	0.01619	8.11%
B 249.677†	561.7	0.05185	mg/L	0.000371	0.1037	mg/L	0.00074	0.72%
Ba 233.527†	3505.3	0.2466	mg/L	0.00187	0.4931	mg/L	0.00375	0.76%
Be 313.042†	2892.0	0.00187	mg/L	0.000040	0.00374	mg/L	0.000081	2.15%
Ca 317.933†	642558.4	40.33	mg/L	0.216	80.65	mg/L	0.432	0.54%
Cd 228.802†	34.5	-0.00047	mg/L	0.000201	-0.00093	mg/L	0.000403	43.25%
Co 228.616†	2208.8	0.06279	mg/L	0.000381	0.1256	mg/L	0.00076	0.61%
Cr 267.716†	3433.2	0.2511	mg/L	0.00220	0.5022	mg/L	0.00440	0.88%
Cu 324.752†	48555.3	0.2045	mg/L	0.00087	0.4090	mg/L	0.00173	0.42%
Fe 273.955†	292853.5	161.2	mg/L	1.24	322.4	mg/L	2.47	0.77%
K 766.490†	19045.0	9.423	mg/L	0.0616	18.85	mg/L	0.123	0.65%
Mg 279.077†	91107.5	61.76	mg/L	0.375	123.5	mg/L	0.75	0.61%
Mn 257.610†	213933.3	2.032	mg/L	0.0139	4.063	mg/L	0.0278	0.68%
Mo 202.031†	84.9	0.00463	mg/L	0.000156	0.00926	mg/L	0.000313	3.38%
Na 589.592†	264585.8	18.34	mg/L	0.086	36.67	mg/L	0.172	0.47%
Na 330.237†	875.1	19.43	mg/L	0.249	38.87	mg/L	0.497	1.28%
Ni 231.604†	1300.8	0.2723	mg/L	0.00504	0.5445	mg/L	0.01007	1.85%
Pb 220.353†	358.4	0.06453	mg/L	0.001176	0.1291	mg/L	0.00235	1.82%
Sb 206.836†	58.2	0.02156	mg/L	0.004689	0.04312	mg/L	0.009378	21.75%
Se 196.026†	-26.2	-0.00243	mg/L	0.005837	-0.00485	mg/L	0.011674	240.60%
Si 288.158†	5152.6	2.329	mg/L	0.0170	4.657	mg/L	0.0340	0.73%
Sn 189.927†	-9.2	0.00194	mg/L	0.001551	0.00387	mg/L	0.003101	80.10%
Sr 421.552†	248325.8	0.2707	mg/L	0.00142	0.5415	mg/L	0.00284	0.53%
Ti 334.903†	226176.1	6.181	mg/L	0.0348	12.36	mg/L	0.070	0.56%
Tl 190.801†	-3.3	0.01691	mg/L	0.005193	0.03381	mg/L	0.010387	30.72%
V 292.402†	40040.9	0.3570	mg/L	0.00117	0.7140	mg/L	0.00233	0.33%
Zn 206.200†	2245.1	0.4330	mg/L	0.00404	0.8660	mg/L	0.00809	0.93%

Sequence No.: 5
Sample ID: PB44R D SWC

Autosampler Location: 308
Date Collected: 6/16/2009 10:25:30 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R D SWC

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: PB44R D SWC

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	2010272.8	100.9	%	0.21				0.21%
ScR 361.383	612386.6	102.4	%	0.85				0.83%
Ag 328.068†	-115.0	-0.00048	mg/L	0.000117	-0.00096	mg/L	0.000233	24.23%
Al 308.215†	182599.7	99.17	mg/L	0.166	198.3	mg/L	0.33	0.17%
As 188.979†	135.6	0.09812	mg/L	0.008282	0.1962	mg/L	0.01656	8.44%
B 249.677†	387.8	0.03576	mg/L	0.001310	0.07152	mg/L	0.002620	3.66%
Ba 233.527†	3885.0	0.2737	mg/L	0.00110	0.5475	mg/L	0.00220	0.40%
Be 313.042†	2811.5	0.00181	mg/L	0.000014	0.00361	mg/L	0.000029	0.80%
Ca 317.933†	561209.1	35.22	mg/L	0.080	70.44	mg/L	0.160	0.23%
Cd 228.802†	55.9	0.00050	mg/L	0.000150	0.00101	mg/L	0.000300	29.83%
Co 228.616†	2257.0	0.06484	mg/L	0.000234	0.1297	mg/L	0.00047	0.36%
Cr 267.716†	3019.4	0.2218	mg/L	0.00118	0.4437	mg/L	0.00237	0.53%
Cu 324.752†	91765.6	0.3787	mg/L	0.00279	0.7573	mg/L	0.00558	0.74%
Fe 273.955†	309112.3	170.1	mg/L	0.47	340.3	mg/L	0.95	0.28%
K 766.490†	16921.8	8.372	mg/L	0.0118	16.74	mg/L	0.024	0.14%
Mg 279.077†	76351.8	51.74	mg/L	0.064	103.5	mg/L	0.13	0.12%
Mn 257.610†	676071.9	6.424	mg/L	0.0075	12.85	mg/L	0.015	0.12%
Mo 202.031†	173.5	0.00997	mg/L	0.000439	0.01994	mg/L	0.000878	4.40%
Na 589.592†	107242.7	7.432	mg/L	0.0211	14.86	mg/L	0.042	0.28%
Na 330.237†	356.3	8.137	mg/L	0.0300	16.27	mg/L	0.060	0.37%
Ni 231.604†	1307.6	0.2737	mg/L	0.00163	0.5474	mg/L	0.00327	0.60%
Pb 220.353†	619.1	0.09987	mg/L	0.000333	0.1997	mg/L	0.00067	0.33%
Sb 206.836†	60.4	0.02290	mg/L	0.002513	0.04579	mg/L	0.005027	10.98%
Se 196.026†	-22.7	0.00183	mg/L	0.008034	0.00367	mg/L	0.016067	438.11%
Si 288.158†	2165.7	0.9789	mg/L	0.00434	1.958	mg/L	0.0087	0.44%
Sn 189.927†	1.0	0.00370	mg/L	0.000359	0.00740	mg/L	0.000717	9.69%
Sr 421.552†	194790.4	0.2124	mg/L	0.00060	0.4248	mg/L	0.00120	0.28%
Ti 334.903†	217905.9	5.956	mg/L	0.0151	11.91	mg/L	0.030	0.25%
Tl 190.801†	-2.8	0.01906	mg/L	0.003216	0.03813	mg/L	0.006432	16.87%
V 292.402†	39338.0	0.3508	mg/L	0.00222	0.7015	mg/L	0.00444	0.63%
Zn 206.200†	4118.1	0.7947	mg/L	0.00514	1.589	mg/L	0.0103	0.65%

Sequence No.: 6
Sample ID: PB44R E SWC

Autosampler Location: 309
Date Collected: 6/16/2009 10:29:00 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R E SWC

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: PB44R E SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2031644.0	102.0	%	0.09				0.09%
ScR 361.383	625051.6	104.5	%	1.29				1.23%
Ag 328.068†	-132.8	-0.00056	mg/L	0.000176	-0.00113	mg/L	0.000351	31.12%
Al 308.215†	199369.8	108.3	mg/L	0.24	216.6	mg/L	0.48	0.22%
As 188.979†	128.3	0.09692	mg/L	0.005973	0.1938	mg/L	0.01195	6.16%
B 249.677†	700.0	0.06466	mg/L	0.000972	0.1293	mg/L	0.00194	1.50%
Ba 233.527†	3931.3	0.2785	mg/L	0.00213	0.5570	mg/L	0.00427	0.77%
Be 313.042†	2680.2	0.00178	mg/L	0.000062	0.00357	mg/L	0.000123	3.46%
Ca 317.933†	480558.5	30.16	mg/L	0.149	60.32	mg/L	0.297	0.49%
Cd 228.802†	44.3	0.00016	mg/L	0.000030	0.00031	mg/L	0.000060	19.16%
Co 228.616†	2030.2	0.05820	mg/L	0.000133	0.1164	mg/L	0.00027	0.23%
Cr 267.716†	3541.5	0.2587	mg/L	0.00179	0.5173	mg/L	0.00359	0.69%
Cu 324.752†	72067.3	0.2980	mg/L	0.00095	0.5960	mg/L	0.00191	0.32%
Fe 273.955†	265208.0	146.0	mg/L	0.70	292.0	mg/L	1.41	0.48%
K 766.490†	20799.9	10.29	mg/L	0.034	20.58	mg/L	0.069	0.33%
Mg 279.077†	77160.4	52.30	mg/L	0.167	104.6	mg/L	0.33	0.32%
Mn 257.610†	189829.5	1.803	mg/L	0.0048	3.606	mg/L	0.0096	0.27%
Mo 202.031†	82.4	0.00459	mg/L	0.000288	0.00918	mg/L	0.000576	6.27%
Na 589.592†	244055.2	16.91	mg/L	0.081	33.83	mg/L	0.162	0.48%
Na 330.237†	794.1	17.64	mg/L	0.199	35.27	mg/L	0.399	1.13%
Ni 231.604†	1121.2	0.2347	mg/L	0.00347	0.4693	mg/L	0.00695	1.48%
Pb 220.353†	314.9	0.05803	mg/L	0.000894	0.1161	mg/L	0.00179	1.54%
Sb 206.836†	51.2	0.01848	mg/L	0.000518	0.03695	mg/L	0.001036	2.80%
Se 196.026†	-21.9	-0.00068	mg/L	0.003558	-0.00135	mg/L	0.007116	525.26%
Si 288.158†	6054.5	2.736	mg/L	0.0298	5.473	mg/L	0.0596	1.09%
Sn 189.927†	-5.0	0.00215	mg/L	0.000959	0.00431	mg/L	0.001918	44.53%
Sr 421.552†	209474.0	0.2284	mg/L	0.00118	0.4568	mg/L	0.00236	0.52%
Ti 334.903†	198319.6	5.421	mg/L	0.0244	10.84	mg/L	0.049	0.45%
Tl 190.801†	-3.2	0.01578	mg/L	0.000702	0.03156	mg/L	0.001403	4.45%
V 292.402†	35360.4	0.3153	mg/L	0.00108	0.6306	mg/L	0.00217	0.34%
Zn 206.200†	2452.1	0.4731	mg/L	0.00332	0.9463	mg/L	0.00663	0.70%

Sequence No.: 7
Sample ID: PB44R ADUP SWC

Autosampler Location: 310
Date Collected: 6/16/2009 10:32:30 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R ADUP SWC

Analyte	Back Pressure	Flow
All	221.0 kPa	0.75 L/min

Mean Data: PB44R ADUP SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2018407.5	101.3	%	0.44				0.43%
ScR 361.383	617206.3	103.2	%	0.48				0.46%
Ag 328.068†	-200.9	-0.00076	mg/L	0.000187	-0.00152	mg/L	0.000374	24.56%
Al 308.215†	223351.6	121.3	mg/L	0.73	242.6	mg/L	1.47	0.61%
As 188.979†	138.1	0.08401	mg/L	0.005183	0.1680	mg/L	0.01037	6.17%
B 249.677†	453.8	0.04185	mg/L	0.001341	0.08369	mg/L	0.002681	3.20%
Ba 233.527†	3014.9	0.2095	mg/L	0.00135	0.4190	mg/L	0.00269	0.64%
Be 313.042†	4100.2	0.00183	mg/L	0.000018	0.00366	mg/L	0.000036	0.98%
Ca 317.933†	893557.5	56.08	mg/L	0.448	112.2	mg/L	0.90	0.80%
Cd 228.802†	28.9	-0.00081	mg/L	0.000163	-0.00163	mg/L	0.000327	20.08%
Co 228.616†	2614.4	0.07502	mg/L	0.000627	0.1500	mg/L	0.00125	0.84%
Cr 267.716†	3019.2	0.2214	mg/L	0.00216	0.4427	mg/L	0.00432	0.98%
Cu 324.752†	63790.7	0.2667	mg/L	0.00147	0.5335	mg/L	0.00294	0.55%
Fe 273.955†	327210.4	180.1	mg/L	2.18	360.2	mg/L	4.37	1.21%
K 766.490†	15099.9	7.471	mg/L	0.0541	14.94	mg/L	0.108	0.72%
Mg 279.077†	114253.1	77.46	mg/L	0.512	154.9	mg/L	1.02	0.66%
Mn 257.610†	269000.9	2.555	mg/L	0.0164	5.110	mg/L	0.0328	0.64%
Mo 202.031†	80.2	0.00418	mg/L	0.000190	0.00836	mg/L	0.000381	4.56%
Na 589.592†	182412.8	12.64	mg/L	0.065	25.28	mg/L	0.131	0.52%
Na 330.237†	600.4	13.50	mg/L	0.175	27.00	mg/L	0.349	1.29%
Ni 231.604†	1399.5	0.2929	mg/L	0.00117	0.5859	mg/L	0.00234	0.40%
Pb 220.353†	1244.9	0.1976	mg/L	0.00195	0.3952	mg/L	0.00389	0.98%
Sb 206.836†	64.5	0.02620	mg/L	0.001732	0.05241	mg/L	0.003465	6.61%
Se 196.026†	-23.4	0.00127	mg/L	0.002441	0.00253	mg/L	0.004883	192.87%
Si 288.158†	2622.4	1.185	mg/L	0.0086	2.371	mg/L	0.0171	0.72%
Sn 189.927†	-9.0	0.00271	mg/L	0.000614	0.00543	mg/L	0.001229	22.64%
Sr 421.552†	216375.1	0.2359	mg/L	0.00136	0.4718	mg/L	0.00273	0.58%
Ti 334.903†	254275.3	6.947	mg/L	0.0456	13.89	mg/L	0.091	0.66%
Tl 190.801†	0.4	0.01907	mg/L	0.006053	0.03813	mg/L	0.012106	31.75%
V 292.402†	85248.6	0.7693	mg/L	0.00180	1.539	mg/L	0.0036	0.23%
Zn 206.200†	2220.4	0.4280	mg/L	0.00332	0.8561	mg/L	0.00663	0.77%

33% RPD

98% RPD

45% RPD

Sequence No.: 8
Sample ID: PB44R A SWC

Autosampler Location: 311
Date Collected: 6/16/2009 10:36:00 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R A SWC

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: PB44R A SWC

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2034227.1	102.1	%	0.80				0.79%
ScR 361.383	613041.8	102.5	%	0.48				0.46%
Ag 328.068†	-87.7	-0.00038	mg/L	0.000048	-0.00075	mg/L	0.000097	12.87%
Al 308.215†	105346.4	57.21	mg/L	0.080	114.4	mg/L	0.16	0.14%
As 188.979†	102.9	0.07833	mg/L	0.005513	0.1567	mg/L	0.01103	7.04%
B 249.677†	228.0	0.02102	mg/L	0.000735	0.04204	mg/L	0.001470	3.50%
Ba 233.527†	1651.6	0.1138	mg/L	0.00038	0.2275	mg/L	0.00077	0.34%
Be 313.042†	1551.9	0.00096	mg/L	0.000013	0.00192	mg/L	0.000026	1.36%
Ca 317.933†	415307.6	26.06	mg/L	0.181	52.13	mg/L	0.363	0.70%
Cd 228.802†	19.3	-0.00057	mg/L	0.000091	-0.00114	mg/L	0.000182	16.03%
Co 228.616†	1303.7	0.03771	mg/L	0.000467	0.07542	mg/L	0.000935	1.24%
Cr 267.716†	2153.8	0.1586	mg/L	0.00030	0.3173	mg/L	0.00060	0.19%
Cu 324.752†	53678.8	0.2228	mg/L	0.00164	0.4457	mg/L	0.00327	0.73%
Fe 273.955†	214415.7	118.0	mg/L	0.23	236.0	mg/L	0.47	0.20%
K 766.490†	7761.5	3.840	mg/L	0.0084	7.680	mg/L	0.0168	0.22%
Mg 279.077†	52525.1	35.60	mg/L	0.114	71.19	mg/L	0.228	0.32%
Mn 257.610†	145825.9	1.385	mg/L	0.0034	2.770	mg/L	0.0068	0.24%
Mo 202.031†	61.1	0.00337	mg/L	0.000102	0.00673	mg/L	0.000205	3.05%
Na 589.592†	96033.8	6.655	mg/L	0.0173	13.31	mg/L	0.035	0.26%
Na 330.237†	332.3	7.402	mg/L	0.0777	14.80	mg/L	0.155	1.05%
Ni 231.604†	1337.8	0.2800	mg/L	0.00124	0.5601	mg/L	0.00248	0.44%
Pb 220.353†	431.3	0.06745	mg/L	0.000755	0.1349	mg/L	0.00151	1.12%
Sb 206.836†	42.3	0.01588	mg/L	0.001777	0.03177	mg/L	0.003553	11.19%
Se 196.026†	-11.9	0.00412	mg/L	0.003648	0.00824	mg/L	0.007296	88.54%
Si 288.158†	1501.1	0.6785	mg/L	0.00575	1.357	mg/L	0.0115	0.85%
Sn 189.927†	5.7	0.00325	mg/L	0.000759	0.00649	mg/L	0.001517	23.38%
Sr 421.552†	118802.8	0.1295	mg/L	0.00027	0.2591	mg/L	0.00055	0.21%
Ti 334.903†	120559.7	3.294	mg/L	0.0297	6.587	mg/L	0.0593	0.90%
Tl 190.801†	0.3	0.01459	mg/L	0.001432	0.02919	mg/L	0.002865	9.81%
V 292.402†	23069.4	0.2048	mg/L	0.00237	0.4095	mg/L	0.00473	1.16%
Zn 206.200†	1398.2	0.2697	mg/L	0.00212	0.5393	mg/L	0.00423	0.79%

Sequence No.: 9
Sample ID: PB44R ASPK SWC

Autosampler Location: 312
Date Collected: 6/16/2009 10:39:30 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R ASPK SWC

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: PB44R ASPK SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1998152.2	100.3	%	0.53				0.53%
ScR 361.383	611123.3	102.2	%	0.40				0.39%
Ag 328.068†	102412.7	0.4753	mg/L	0.00162	0.9505	mg/L	0.00324	0.34%
Al 308.215†	164385.5	89.27	mg/L	0.194	178.5	mg/L	0.39	0.22%
As 188.979†	2011.2	1.996	mg/L	0.0152	3.992	mg/L	0.0303	0.76%
B 249.677†	438.2	0.03965	mg/L	0.001595	0.07930	mg/L	0.003191	4.02%
Ba 233.527†	29442.5	2.140	mg/L	0.0282	4.281	mg/L	0.0564	1.32%
Be 313.042†	454822.6	0.4740	mg/L	0.00190	0.9480	mg/L	0.00381	0.40%
Ca 317.933†	851567.0	53.44	mg/L	0.189	106.9	mg/L	0.38	0.35%
Cd 228.802†	10540.8	0.4985	mg/L	0.00254	0.9970	mg/L	0.00509	0.51%
Co 228.616†	16047.7	0.5296	mg/L	0.00336	1.059	mg/L	0.0067	0.63%
Cr 267.716†	9522.0	0.6862	mg/L	0.00779	1.372	mg/L	0.0156	1.14%
Cu 324.752†	152440.7	0.6203	mg/L	0.00027	1.241	mg/L	0.0005	0.04%
Fe 273.955†	258794.7	142.4	mg/L	0.73	284.9	mg/L	1.46	0.51%
K 766.490†	32602.9	16.13	mg/L	0.048	32.26	mg/L	0.097	0.30%
Mg 279.077†	99962.9	67.77	mg/L	0.093	135.5	mg/L	0.19	0.14%
Mn 257.610†	236238.1	2.244	mg/L	0.0049	4.488	mg/L	0.0097	0.22%
Mo 202.031†	84.3	0.00445	mg/L	0.000251	0.00890	mg/L	0.000501	5.63%
Na 589.592†	334783.1	23.20	mg/L	0.042	46.40	mg/L	0.085	0.18%
Na 330.237†	1135.7	24.60	mg/L	0.472	49.19	mg/L	0.945	1.92%
Ni 231.604†	3504.0	0.7329	mg/L	0.00963	1.466	mg/L	0.0193	1.31%
Pb 220.353†	13088.3	1.964	mg/L	0.0101	3.929	mg/L	0.0203	0.52%
Sb 206.836†	69.6	0.02178	mg/L	0.001587	0.04356	mg/L	0.003173	7.28%
Se 196.026†	2552.6	1.918	mg/L	0.0204	3.836	mg/L	0.0407	1.06%
Si 288.158†	2595.8	1.175	mg/L	0.0421	2.351	mg/L	0.0842	3.58%
Sn 189.927†	-12.1	0.00158	mg/L	0.000127	0.00316	mg/L	0.000253	8.01%
Sr 421.552†	649474.8	0.7081	mg/L	0.00216	1.416	mg/L	0.0043	0.31%
Ti 334.903†	208694.7	5.700	mg/L	0.0084	11.40	mg/L	0.017	0.15%
Tl 190.801†	3080.1	1.870	mg/L	0.0112	3.740	mg/L	0.0223	0.60%
V 292.402†	85550.5	0.7763	mg/L	0.00372	1.553	mg/L	0.0074	0.48%
Zn 206.200†	4562.3	0.8806	mg/L	0.01156	1.761	mg/L	0.0231	1.31%

Sequence No.: 10
Sample ID: PB44R MB1SPK SWC

Autosampler Location: 313
Date Collected: 6/16/2009 10:42:03 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R MB1SPK SWC

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: PB44R MB1SPK SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2010496.3	100.9	%	0.28				0.28%
ScR 361.383	619693.5	103.6	%	0.45				0.44%
Ag 328.068†	102086.3	0.4737	mg/L	0.00133	0.9474	mg/L	0.00266	0.28%
Al 308.215†	3506.5	1.897	mg/L	0.0048	3.795	mg/L	0.0096	0.25%
As 188.979†	1851.8	1.879	mg/L	0.0107	3.758	mg/L	0.0214	0.57%
B 249.677†	12.8	0.00041	mg/L	0.000286	0.00082	mg/L	0.000572	70.14%
Ba 233.527†	25307.6	1.847	mg/L	0.0033	3.693	mg/L	0.0067	0.18%
Be 313.042†	439614.0	0.4592	mg/L	0.00095	0.9183	mg/L	0.00190	0.21%
Ca 317.933†	144077.7	9.042	mg/L	0.0114	18.08	mg/L	0.023	0.13%
Cd 228.802†	9923.7	0.4704	mg/L	0.00242	0.9409	mg/L	0.00483	0.51%
Co 228.616†	13912.6	0.4684	mg/L	0.00046	0.9369	mg/L	0.00092	0.10%
Cr 267.716†	6476.6	0.4638	mg/L	0.00058	0.9276	mg/L	0.00115	0.12%
Cu 324.752†	112785.3	0.4528	mg/L	0.00115	0.9056	mg/L	0.00229	0.25%
Fe 273.955†	3279.9	1.799	mg/L	0.0047	3.597	mg/L	0.0094	0.26%
K 766.490†	17834.5	8.824	mg/L	0.0243	17.65	mg/L	0.049	0.28%
Mg 279.077†	13765.9	9.340	mg/L	0.0343	18.68	mg/L	0.069	0.37%
Mn 257.610†	46624.5	0.4434	mg/L	0.00235	0.8868	mg/L	0.00469	0.53%
Mo 202.031†	16.7	0.00090	mg/L	0.000407	0.00180	mg/L	0.000814	45.23%
Na 589.592†	129716.7	8.989	mg/L	0.0186	17.98	mg/L	0.037	0.21%
Na 330.237†	463.6	9.670	mg/L	0.1647	19.34	mg/L	0.329	1.70%
Ni 231.604†	2170.6	0.4538	mg/L	0.00351	0.9077	mg/L	0.00703	0.77%
Pb 220.353†	12422.7	1.857	mg/L	0.0015	3.714	mg/L	0.0030	0.08%
Sb 206.836†	18.5	0.00280	mg/L	0.002243	0.00560	mg/L	0.004486	80.11%
Se 196.026†	2505.2	1.868	mg/L	0.0058	3.736	mg/L	0.0115	0.31%
Si 288.158†	206.8	0.09550	mg/L	0.002671	0.1910	mg/L	0.00534	2.80%
Sn 189.927†	1.1	0.00053	mg/L	0.000512	0.00106	mg/L	0.001024	96.88%
Sr 421.552†	406823.5	0.4436	mg/L	0.00153	0.8871	mg/L	0.00305	0.34%
Ti 334.903†	259.1	0.00508	mg/L	0.000252	0.01015	mg/L	0.000504	4.97%
Tl 190.801†	3028.2	1.823	mg/L	0.0083	3.646	mg/L	0.0166	0.46%
V 292.402†	48826.1	0.4485	mg/L	0.00137	0.8971	mg/L	0.00274	0.31%
Zn 206.200†	2403.1	0.4643	mg/L	0.00273	0.9285	mg/L	0.00547	0.59%

Sequence No.: 11
Sample ID: CV 2

Autosampler Location: 7
Date Collected: 6/16/2009 10:45:32 AM
Data Type: Original

Dilution: 1X

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2016853.6	101.2	%	0.10				0.10%
ScR 361.383	592138.4	98.98	%	0.558				0.56%
Ag 328.068†	209513.1	0.9721	mg/L	0.00038	0.9721	mg/L	0.00038	0.04%
Al 308.215†	3737.9	1.998	mg/L	0.0233	1.998	mg/L	0.0233	1.17%
As 188.979†	1970.5	2.003	mg/L	0.0022	2.003	mg/L	0.0022	0.11%
B 249.677†	10853.8	1.003	mg/L	0.0050	1.003	mg/L	0.0050	0.50%
Ba 233.527†	14000.5	1.021	mg/L	0.0051	1.021	mg/L	0.0051	0.49%
Be 313.042†	964827.8	1.008	mg/L	0.0030	1.008	mg/L	0.0030	0.30%
Ca 317.933†	33510.6	2.103	mg/L	0.0175	2.103	mg/L	0.0175	0.83%
Cd 228.802†	21598.7	1.040	mg/L	0.0017	1.040	mg/L	0.0017	0.16%
Co 228.616†	30301.3	1.019	mg/L	0.0019	1.019	mg/L	0.0019	0.19%
Cr 267.716†	14204.4	1.018	mg/L	0.0090	1.018	mg/L	0.0090	0.88%
Cu 324.752†	246638.5	0.9896	mg/L	0.00135	0.9896	mg/L	0.00135	0.14%
Fe 273.955†	3688.6	2.015	mg/L	0.0165	2.015	mg/L	0.0165	0.82%
K 766.490†	39294.4	19.44	mg/L	0.084	19.44	mg/L	0.084	0.43%
Mg 279.077†	3023.2	2.056	mg/L	0.0185	2.056	mg/L	0.0185	0.90%
Mn 257.610†	103721.2	0.9861	mg/L	0.00131	0.9861	mg/L	0.00131	0.13%
Mo 202.031†	16403.6	0.9787	mg/L	0.00327	0.9787	mg/L	0.00327	0.33%
Na 589.592†	717580.3	49.73	mg/L	0.086	49.73	mg/L	0.086	0.17%
Na 330.237†	2409.8	51.57	mg/L	0.450	51.57	mg/L	0.450	0.87%
Ni 231.604†	4787.1	1.003	mg/L	0.0118	1.003	mg/L	0.0118	1.18%
Pb 220.353†	13487.0	2.017	mg/L	0.0054	2.017	mg/L	0.0054	0.27%
Sb 206.836†	4895.6	1.983	mg/L	0.0032	1.983	mg/L	0.0032	0.16%
Se 196.026†	2665.7	1.988	mg/L	0.0076	1.988	mg/L	0.0076	0.38%
Si 288.158†	4586.6	2.079	mg/L	0.0120	2.079	mg/L	0.0120	0.58%
Sn 189.927†	5055.8	0.9967	mg/L	0.00083	0.9967	mg/L	0.00083	0.08%
Sr 421.552†	960742.7	1.047	mg/L	0.0026	1.047	mg/L	0.0026	0.25%
Ti 334.903†	36498.5	0.9958	mg/L	0.00454	0.9958	mg/L	0.00454	0.46%
Tl 190.801†	3331.8	2.004	mg/L	0.0035	2.004	mg/L	0.0035	0.17%
V 292.402†	108120.9	0.9933	mg/L	0.00113	0.9933	mg/L	0.00113	0.11%
Zn 206.200†	5383.2	1.040	mg/L	0.0111	1.040	mg/L	0.0111	1.07%

Sequence No.: 12
Sample ID: CB 1

Autosampler Location: 1
Date Collected: 6/16/2009 10:48:05 AM
Data Type: Original

Dilution: 1X

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2000277.8	100.4	%	0.08				0.08%
ScR 361.383	602307.7	100.7	%	0.92				0.91%
Ag 328.068†	69.9	0.00032	mg/L	0.000465	0.00032	mg/L	0.000465	143.44%
Al 308.215†	11.5	0.00623	mg/L	0.004227	0.00623	mg/L	0.004227	67.83%
As 188.979†	1.4	0.00144	mg/L	0.004595	0.00144	mg/L	0.004595	320.11%
B 249.677†	21.4	0.00198	mg/L	0.000889	0.00198	mg/L	0.000889	44.89%
Ba 233.527†	10.3	0.00075	mg/L	0.000210	0.00075	mg/L	0.000210	28.02%
Be 313.042†	129.5	0.00013	mg/L	0.000044	0.00013	mg/L	0.000044	32.75%
Ca 317.933†	54.2	0.00340	mg/L	0.000607	0.00340	mg/L	0.000607	17.86%
Cd 228.802†	6.3	0.00030	mg/L	0.000391	0.00030	mg/L	0.000391	130.66%
Co 228.616†	14.9	0.00050	mg/L	0.000377	0.00050	mg/L	0.000377	74.84%
Cr 267.716†	-9.5	-0.00068	mg/L	0.000430	-0.00068	mg/L	0.000430	63.10%
Cu 324.752†	135.7	0.00055	mg/L	0.000204	0.00055	mg/L	0.000204	37.34%
Fe 273.955†	7.6	0.00420	mg/L	0.002892	0.00420	mg/L	0.002892	68.91%
K 766.490†	-20.9	-0.01032	mg/L	0.011007	-0.01032	mg/L	0.011007	106.70%
Mg 279.077†	-1.2	-0.00080	mg/L	0.004476	-0.00080	mg/L	0.004476	558.74%
Mn 257.610†	21.5	0.00020	mg/L	0.000037	0.00020	mg/L	0.000037	18.31%
Mo 202.031†	5.5	0.00033	mg/L	0.000173	0.00033	mg/L	0.000173	53.06%
Na 589.592†	139.9	0.00969	mg/L	0.001538	0.00969	mg/L	0.001538	15.87%
Na 330.237†	10.9	0.2355	mg/L	0.22409	0.2355	mg/L	0.22409	95.17%
Ni 231.604†	1.8	0.00038	mg/L	0.001201	0.00038	mg/L	0.001201	313.48%
Pb 220.353†	-5.4	-0.00081	mg/L	0.000544	-0.00081	mg/L	0.000544	67.43%
Sb 206.836†	7.5	0.00308	mg/L	0.002227	0.00308	mg/L	0.002227	72.40%
Se 196.026†	4.3	0.00321	mg/L	0.004163	0.00321	mg/L	0.004163	129.50%
Si 288.158†	0.6	0.00027	mg/L	0.002007	0.00027	mg/L	0.002007	741.57%
Sn 189.927†	3.6	0.00072	mg/L	0.000829	0.00072	mg/L	0.000829	115.27%
Sr 421.552†	51.4	0.00006	mg/L	0.000007	0.00006	mg/L	0.000007	12.17%
Ti 334.903†	-22.2	-0.00061	mg/L	0.000388	-0.00061	mg/L	0.000388	63.53%
Tl 190.801†	4.3	0.00261	mg/L	0.001525	0.00261	mg/L	0.001525	58.52%
V 292.402†	43.0	0.00039	mg/L	0.000404	0.00039	mg/L	0.000404	103.40%
Zn 206.200†	-3.7	-0.00071	mg/L	0.000149	-0.00071	mg/L	0.000149	21.06%

Sequence No.: 13
Sample ID: PB44R F SWC

Dilution: 5X

Autosampler Location: 314
Date Collected: 6/16/2009 10:51:49 AM
Data Type: Original

Nebulizer Parameters: PB44R F SWC

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: PB44R F SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1998573.0	100.3	%	0.49				0.49%
ScR 361.383	617717.2	103.3	%	2.44				2.37%
Ag 328.068†	-164.4	-0.00077	mg/L	0.000155	-0.00384	mg/L	0.000775	20.17%
Al 308.215†	49882.4	27.09	mg/L	0.110	135.5	mg/L	0.55	0.41%
As 188.979†	87.3	0.07527	mg/L	0.009237	0.3764	mg/L	0.04618	12.27%
B 249.677†	519.0	0.04795	mg/L	0.000739	0.2397	mg/L	0.00369	1.54%
Ba 233.527†	1212.5	0.07309	mg/L	0.001708	0.3654	mg/L	0.00854	2.34%
Be 313.042†	844.4	0.00054	mg/L	0.000053	0.00271	mg/L	0.000264	9.74%
Ca 317.933†	204351.9	12.82	mg/L	0.068	64.12	mg/L	0.341	0.53%
Cd 228.802†	73.6	0.00060	mg/L	0.000151	0.00299	mg/L	0.000757	25.31%
Co 228.616†	1503.8	0.04771	mg/L	0.000251	0.2386	mg/L	0.00126	0.53%
Cr 267.716†	2487.5	0.1919	mg/L	0.00372	0.9593	mg/L	0.01860	1.94%
Cu 324.752†	78674.8	0.3345	mg/L	0.00124	1.673	mg/L	0.0062	0.37%
Fe 273.955†	488358.3	268.8	mg/L	2.47	1344	mg/L	12.4	0.92%
K 766.490†	5208.7	2.577	mg/L	0.0229	12.89	mg/L	0.114	0.89%
Mg 279.077†	24916.7	16.81	mg/L	0.120	84.06	mg/L	0.602	0.72%
Mn 257.610†	275802.4	2.621	mg/L	0.0152	13.10	mg/L	0.076	0.58%
Mo 202.031†	270.9	0.01602	mg/L	0.000480	0.08012	mg/L	0.002401	3.00%
Na 589.592†	73619.1	5.102	mg/L	0.0119	25.51	mg/L	0.059	0.23%
Na 330.237†	244.8	5.374	mg/L	0.0971	26.87	mg/L	0.486	1.81%
Ni 231.604†	696.9	0.1459	mg/L	0.00368	0.7294	mg/L	0.01840	2.52%
Pb 220.353†	185.5	0.01336	mg/L	0.001226	0.06678	mg/L	0.006131	9.18%
Sb 206.836†	57.9	0.02169	mg/L	0.000659	0.1085	mg/L	0.00330	3.04%
Se 196.026†	-33.2	0.00794	mg/L	0.004178	0.03970	mg/L	0.020889	52.62%
Si 288.158†	1148.1	0.5190	mg/L	0.00504	2.595	mg/L	0.0252	0.97%
Sn 189.927†	145.4	0.02963	mg/L	0.000706	0.1482	mg/L	0.00353	2.38%
Sr 421.552†	148828.0	0.1623	mg/L	0.00052	0.8113	mg/L	0.00261	0.32%
Ti 334.903†	57137.0	1.561	mg/L	0.0085	7.804	mg/L	0.0426	0.55%
Tl 190.801†	-41.2	0.01383	mg/L	0.003572	0.06914	mg/L	0.017860	25.83%
V 292.402†	11837.4	0.09624	mg/L	0.000510	0.4812	mg/L	0.00255	0.53%
Zn 206.200†	729.3	0.1407	mg/L	0.00310	0.7036	mg/L	0.01550	2.20%

Sequence No.: 14
Sample ID: PB44R G SWC

Dilution: 2X

DR45

Autosampler Location: 315
Date Collected: 6/16/2009 10:55:21 AM
Data Type: Original

Nebulizer Parameters: PB44R G SWC

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: PB44R G SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2009633.0	100.9	%	0.87				0.87%
ScR 361.383	624764.7	104.4	%	1.78				1.71%
Ag 328.068†	-376.0	-0.00164	mg/L	0.000170	-0.00328	mg/L	0.000340	10.34%
Al 308.215†	422526.7	229.5	mg/L	1.45	459.0	mg/L	2.90	0.63%
As 188.979†	177.9	0.07223	mg/L	0.004885	0.1445	mg/L	0.00977	6.76%
B 249.677†	335.8	0.03082	mg/L	0.002216	0.06165	mg/L	0.004431	7.19%
Ba 233.527†	2512.6	0.1688	mg/L	0.00290	0.3376	mg/L	0.00579	1.72%
Be 313.042†	3609.6	0.00185	mg/L	0.000086	0.00370	mg/L	0.000172	4.65%
Ca 317.933†	1768423.4	111.0	mg/L	0.69	222.0	mg/L	1.38	0.62%
Cd 228.802†	24.0	-0.00179	mg/L	0.000200	-0.00358	mg/L	0.000400	11.16%
Co 228.616†	4568.8	0.1298	mg/L	0.00132	0.2596	mg/L	0.00264	1.02%
Cr 267.716†	3083.5	0.2288	mg/L	0.00078	0.4575	mg/L	0.00156	0.34%
Cu 324.752†	123081.8	0.5087	mg/L	0.00435	1.017	mg/L	0.0087	0.85%
Fe 273.955†	470817.5	259.1	mg/L	0.28	518.3	mg/L	0.56	0.11%
K 766.490†	25297.0	12.52	mg/L	0.026	25.03	mg/L	0.052	0.21%
Mg 279.077†	141275.1	95.76	mg/L	0.586	191.5	mg/L	1.17	0.61%
Mn 257.610†	486802.8	4.624	mg/L	0.0313	9.247	mg/L	0.0626	0.68%
Mo 202.031†	109.2	0.00532	mg/L	0.000123	0.01063	mg/L	0.000245	2.31%
Na 589.592†	657816.0	45.59	mg/L	0.131	91.17	mg/L	0.261	0.29%
Na 330.237†	2148.5	47.14	mg/L	0.843	94.27	mg/L	1.685	1.79%
Ni 231.604†	1277.8	0.2674	mg/L	0.00531	0.5349	mg/L	0.01061	1.98%
Pb 220.353†	-77.8	0.01598	mg/L	0.000994	0.03195	mg/L	0.001989	6.22%
Sb 206.836†	92.2	0.03657	mg/L	0.004319	0.07314	mg/L	0.008638	11.81%
Se 196.026†	-40.6	-0.00257	mg/L	0.004159	-0.00515	mg/L	0.008319	161.62%
Si 288.158†	1843.8	0.8334	mg/L	0.02882	1.667	mg/L	0.0576	3.46%
Sn 189.927†	-50.0	-0.00137	mg/L	0.001284	-0.00273	mg/L	0.002568	94.04%
Sr 421.552†	592779.5	0.6463	mg/L	0.00239	1.293	mg/L	0.0048	0.37%
Ti 334.903†	470569.5	12.85	mg/L	0.116	25.71	mg/L	0.231	0.90%
Tl 190.801†	7.4	0.03072	mg/L	0.003344	0.06143	mg/L	0.006689	10.89%
V 292.402†	66686.6	0.5931	mg/L	0.00603	1.186	mg/L	0.0121	1.02%
Zn 206.200†	4960.8	0.9563	mg/L	0.00769	1.913	mg/L	0.0154	0.80%

Sequence No.: 15
Sample ID: PB44R H SWC

Dilution: 2X

RE 4/5

Autosampler Location: 316
Date Collected: 6/16/2009 10:57:54 AM
Data Type: Original

Nebulizer Parameters: PB44R H SWC

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: PB44R H SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1982181.6	99.49	%	0.473				0.48%
ScR 361.383	605214.9	101.2	%	0.53				0.52%
Ag 328.068†	-420.2	-0.00185	mg/L	0.000069	-0.00371	mg/L	0.000138	3.72%
Al 308.215†	416611.9	226.3	mg/L	0.93	452.5	mg/L	1.86	0.41%
As 188.979†	202.6	0.06360	mg/L	0.006465	0.1272	mg/L	0.01293	10.17%
B 249.677†	560.5	0.05163	mg/L	0.000946	0.1033	mg/L	0.00189	1.83%
Ba 233.527†	2831.8	0.1926	mg/L	0.00197	0.3853	mg/L	0.00394	1.02%
Be 313.042†	4147.0	0.00254	mg/L	0.000040	0.00507	mg/L	0.000080	1.58%
Ca 317.933†	2537921.5	159.3	mg/L	0.47	318.6	mg/L	0.95	0.30%
Cd 228.802†	26.3	-0.00151	mg/L	0.000145	-0.00302	mg/L	0.000290	9.62%
Co 228.616†	4298.8	0.1233	mg/L	0.00082	0.2465	mg/L	0.00165	0.67%
Cr 267.716†	3882.6	0.2858	mg/L	0.00306	0.5715	mg/L	0.00613	1.07%
Cu 324.752†	117539.1	0.4865	mg/L	0.00134	0.9730	mg/L	0.00269	0.28%
Fe 273.955†	463047.6	254.9	mg/L	2.42	509.7	mg/L	4.85	0.95%
K 766.490†	22779.6	11.27	mg/L	0.043	22.54	mg/L	0.086	0.38%
Mg 279.077†	138870.5	94.12	mg/L	0.446	188.2	mg/L	0.89	0.47%
Mn 257.610†	420539.5	3.994	mg/L	0.0143	7.988	mg/L	0.0287	0.36%
Mo 202.031†	109.0	0.00478	mg/L	0.000125	0.00956	mg/L	0.000250	2.61%
Na 589.592†	630036.2	43.66	mg/L	0.242	87.32	mg/L	0.485	0.55%
Na 330.237†	2155.0	46.62	mg/L	0.634	93.23	mg/L	1.269	1.36%
Ni 231.604†	1439.5	0.3013	mg/L	0.00099	0.6026	mg/L	0.00198	0.33%
Pb 220.353†	-112.5	0.01193	mg/L	0.002147	0.02387	mg/L	0.004294	17.99%
Sb 206.836†	98.4	0.03812	mg/L	0.003594	0.07623	mg/L	0.007189	9.43%
Se 196.026†	-33.9	0.00198	mg/L	0.009492	0.00396	mg/L	0.018985	479.41%
Si 288.158†	2990.9	1.352	mg/L	0.0056	2.704	mg/L	0.0112	0.41%
Sn 189.927†	-47.6	-0.00020	mg/L	0.001488	-0.00040	mg/L	0.002976	742.74%
Sr 421.552†	825689.7	0.9002	mg/L	0.00794	1.800	mg/L	0.0159	0.88%
Ti 334.903†	420521.4	11.47	mg/L	0.009	22.95	mg/L	0.018	0.08%
Tl 190.801†	14.0	0.03002	mg/L	0.005716	0.06003	mg/L	0.011431	19.04%
V 292.402†	62439.1	0.5553	mg/L	0.00081	1.111	mg/L	0.0016	0.15%
Zn 206.200†	2581.5	0.4963	mg/L	0.00538	0.9926	mg/L	0.01076	1.08%

Sequence No.: 16
Sample ID: PB44R I SWC

Autosampler Location: 317
Date Collected: 6/16/2009 11:01:12 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R I SWC

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: PB44R I SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1989097.8	99.84	%	0.519				0.52%
ScR 361.383	610739.1	102.1	%	0.96				0.94%
Ag 328.068†	-170.1	-0.00076	mg/L	0.000326	-0.00151	mg/L	0.000652	43.12%
Al 308.215†	172638.9	93.76	mg/L	0.644	187.5	mg/L	1.29	0.69%
As 188.979†	127.2	0.06587	mg/L	0.004765	0.1317	mg/L	0.00953	7.23%
B 249.677†	201.3	0.01851	mg/L	0.000730	0.03701	mg/L	0.001460	3.94%
Ba 233.527†	1977.9	0.1381	mg/L	0.00300	0.2763	mg/L	0.00600	2.17%
Be 313.042†	1694.0	0.00097	mg/L	0.000032	0.00194	mg/L	0.000063	3.25%
Ca 317.933†	1131198.4	70.99	mg/L	0.216	142.0	mg/L	0.43	0.30%
Cd 228.802†	0.0	-0.00153	mg/L	0.000221	-0.00305	mg/L	0.000442	14.47%
Co 228.616†	2144.2	0.06243	mg/L	0.000656	0.1249	mg/L	0.00131	1.05%
Cr 267.716†	1486.2	0.1100	mg/L	0.00139	0.2199	mg/L	0.00277	1.26%
Cu 324.752†	73081.6	0.2998	mg/L	0.00068	0.5996	mg/L	0.00136	0.23%
Fe 273.955†	204976.1	112.8	mg/L	0.38	225.6	mg/L	0.77	0.34%
K 766.490†	9898.7	4.897	mg/L	0.0454	9.795	mg/L	0.0908	0.93%
Mg 279.077†	58475.6	39.63	mg/L	0.179	79.26	mg/L	0.358	0.45%
Mn 257.610†	173417.7	1.647	mg/L	0.0109	3.294	mg/L	0.0218	0.66%
Mo 202.031†	73.6	0.00362	mg/L	0.000553	0.00725	mg/L	0.001107	15.27%
Na 589.592†	332102.5	23.02	mg/L	0.150	46.03	mg/L	0.300	0.65%
Na 330.237†	1147.0	24.82	mg/L	0.687	49.65	mg/L	1.374	2.77%
Ni 231.604†	665.9	0.1394	mg/L	0.00294	0.2787	mg/L	0.00589	2.11%
Pb 220.353†	-73.5	0.00037	mg/L	0.000751	0.00073	mg/L	0.001501	204.74%
Sb 206.836†	53.4	0.02112	mg/L	0.001479	0.04223	mg/L	0.002958	7.00%
Se 196.026†	-12.4	0.00293	mg/L	0.002327	0.00585	mg/L	0.004653	79.49%
Si 288.158†	1725.5	0.7799	mg/L	0.01358	1.560	mg/L	0.0272	1.74%
Sn 189.927†	-25.0	-0.00078	mg/L	0.001042	-0.00156	mg/L	0.002083	133.23%
Sr 421.552†	454580.4	0.4956	mg/L	0.00316	0.9913	mg/L	0.00632	0.64%
Ti 334.903†	191281.6	5.219	mg/L	0.0410	10.44	mg/L	0.082	0.79%
Tl 190.801†	22.5	0.02306	mg/L	0.000682	0.04612	mg/L	0.001365	2.96%
V 292.402†	27762.4	0.2468	mg/L	0.00065	0.4936	mg/L	0.00131	0.26%
Zn 206.200†	1000.0	0.1921	mg/L	0.00346	0.3843	mg/L	0.00692	1.80%

Sequence No.: 17
Sample ID: PB44R J SWC

Autosampler Location: 318
Date Collected: 6/16/2009 11:04:42 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R J SWC

Analyte	Back Pressure	Flow
All	222.0 kPa	0.75 L/min

Mean Data: PB44R J SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1990317.1	99.90	%	0.572				0.57%
ScR 361.383	609073.6	101.8	%	0.60				0.59%
Ag 328.068†	-59.6	-0.00024	mg/L	0.000105	-0.00049	mg/L	0.000210	43.11%
Al 308.215†	181410.5	98.52	mg/L	0.156	197.0	mg/L	0.31	0.16%
As 188.979†	129.8	0.09387	mg/L	0.006210	0.1877	mg/L	0.01242	6.61%
B 249.677†	495.7	0.04574	mg/L	0.001172	0.09148	mg/L	0.002344	2.56%
Ba 233.527†	3904.7	0.2769	mg/L	0.00474	0.5539	mg/L	0.00947	1.71%
Be 313.042†	2485.5	0.00162	mg/L	0.000059	0.00324	mg/L	0.000118	3.64%
Ca 317.933†	574416.4	36.05	mg/L	0.108	72.10	mg/L	0.217	0.30%
Cd 228.802†	30.8	-0.00042	mg/L	0.000193	-0.00085	mg/L	0.000385	45.43%
Co 228.616†	2372.1	0.07005	mg/L	0.000325	0.1401	mg/L	0.00065	0.46%
Cr 267.716†	3438.9	0.2507	mg/L	0.00321	0.5013	mg/L	0.00643	1.28%
Cu 324.752†	110348.3	0.4513	mg/L	0.00360	0.9025	mg/L	0.00720	0.80%
Fe 273.955†	255064.8	140.4	mg/L	0.76	280.8	mg/L	1.52	0.54%
K 766.490†	17861.2	8.837	mg/L	0.0184	17.67	mg/L	0.037	0.21%
Mg 279.077†	80300.7	54.43	mg/L	0.049	108.9	mg/L	0.10	0.09%
Mn 257.610†	308701.7	2.932	mg/L	0.0085	5.865	mg/L	0.0171	0.29%
Mo 202.031†	113.8	0.00640	mg/L	0.000265	0.01280	mg/L	0.000530	4.14%
Na 589.592†	199826.8	13.85	mg/L	0.034	27.70	mg/L	0.069	0.25%
Na 330.237†	680.8	15.04	mg/L	0.292	30.07	mg/L	0.584	1.94%
Ni 231.604†	1132.6	0.2370	mg/L	0.00358	0.4741	mg/L	0.00717	1.51%
Pb 220.353†	418.0	0.07190	mg/L	0.000367	0.1438	mg/L	0.00073	0.51%
Sb 206.836†	55.4	0.02023	mg/L	0.002110	0.04046	mg/L	0.004220	10.43%
Se 196.026†	-10.6	0.00698	mg/L	0.002399	0.01396	mg/L	0.004798	34.37%
Si 288.158†	5409.7	2.445	mg/L	0.0648	4.890	mg/L	0.1297	2.65%
Sn 189.927†	-1.4	0.00295	mg/L	0.000108	0.00590	mg/L	0.000216	3.67%
Sr 421.552†	217845.2	0.2375	mg/L	0.00023	0.4750	mg/L	0.00047	0.10%
Ti 334.903†	191901.7	5.244	mg/L	0.0317	10.49	mg/L	0.063	0.60%
Tl 190.801†	1.1	0.01699	mg/L	0.003051	0.03397	mg/L	0.006102	17.96%
V 292.402†	34049.0	0.3038	mg/L	0.00143	0.6075	mg/L	0.00286	0.47%
Zn 206.200†	3174.9	0.6126	mg/L	0.00773	1.225	mg/L	0.0155	1.26%

Sequence No.: 18
Sample ID: PB44R K SWC

Autosampler Location: 319
Date Collected: 6/16/2009 11:08:12 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R K SWC

Analyte	Back Pressure	Flow
All	223.0 kPa	0.75 L/min

Mean Data: PB44R K SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	2008043.6	100.8	%	0.20				0.20%
ScR 361.383	613050.1	102.5	%	0.49				0.48%
Ag 328.068†	-88.2	-0.00036	mg/L	0.000047	-0.00073	mg/L	0.000094	12.94%
Al 308.215†	237431.3	129.0	mg/L	0.97	257.9	mg/L	1.93	0.75%
As 188.979†	164.3	0.1284	mg/L	0.00439	0.2569	mg/L	0.00878	3.42%
B 249.677†	846.7	0.07820	mg/L	0.001004	0.1564	mg/L	0.00201	1.28%
Ba 233.527†	4472.9	0.3169	mg/L	0.00388	0.6338	mg/L	0.00776	1.22%
Be 313.042†	3279.2	0.00222	mg/L	0.000031	0.00445	mg/L	0.000062	1.40%
Ca 317.933†	557104.2	34.96	mg/L	0.199	69.93	mg/L	0.398	0.57%
Cd 228.802†	61.4	0.00058	mg/L	0.000193	0.00115	mg/L	0.000386	33.55%
Co 228.616†	2548.6	0.07437	mg/L	0.000412	0.1487	mg/L	0.00082	0.55%
Cr 267.716†	4301.9	0.3136	mg/L	0.00191	0.6273	mg/L	0.00381	0.61%
Cu 324.752†	121793.8	0.4987	mg/L	0.00472	0.9975	mg/L	0.00943	0.95%
Fe 273.955†	300468.9	165.4	mg/L	0.94	330.8	mg/L	1.89	0.57%
K 766.490†	24846.8	12.29	mg/L	0.076	24.59	mg/L	0.152	0.62%
Mg 279.077†	91737.0	62.19	mg/L	0.246	124.4	mg/L	0.49	0.40%
Mn 257.610†	215160.3	2.043	mg/L	0.0163	4.087	mg/L	0.0326	0.80%
Mo 202.031†	148.8	0.00850	mg/L	0.000348	0.01700	mg/L	0.000697	4.10%
Na 589.592†	366996.8	25.43	mg/L	0.181	50.87	mg/L	0.362	0.71%
Na 330.237†	1218.6	26.78	mg/L	0.266	53.57	mg/L	0.532	0.99%
Ni 231.604†	1263.9	0.2645	mg/L	0.00136	0.5291	mg/L	0.00272	0.51%
Pb 220.353†	503.7	0.08875	mg/L	0.000898	0.1775	mg/L	0.00180	1.01%
Sb 206.836†	64.8	0.02344	mg/L	0.003184	0.04689	mg/L	0.006367	13.58%
Se 196.026†	-27.9	-0.00315	mg/L	0.006040	-0.00630	mg/L	0.012080	191.59%
Si 288.158†	11283.2	5.099	mg/L	0.0679	10.20	mg/L	0.136	1.33%
Sn 189.927†	1.1	0.00378	mg/L	0.001096	0.00757	mg/L	0.002191	28.96%
Sr 421.552†	250962.4	0.2736	mg/L	0.00168	0.5472	mg/L	0.00336	0.61%
Ti 334.903†	223547.4	6.110	mg/L	0.0931	12.22	mg/L	0.186	1.52%
Tl 190.801†	-3.8	0.01757	mg/L	0.002399	0.03514	mg/L	0.004799	13.66%
V 292.402†	41873.8	0.3739	mg/L	0.00277	0.7478	mg/L	0.00553	0.74%
Zn 206.200†	3293.0	0.6354	mg/L	0.00334	1.271	mg/L	0.0067	0.52%

Sequence No.: 19
Sample ID: PB44R L SWC

Autosampler Location: 320
Date Collected: 6/16/2009 11:11:42 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R L SWC

Analyte	Back Pressure	Flow
All	223.0 kPa	0.75 L/min

Mean Data: PB44R L SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2024506.0	101.6	%	0.90				0.88%
ScR 361.383	613880.0	102.6	%	0.48				0.47%
Ag 328.068†	-156.9	-0.00067	mg/L	0.000170	-0.00133	mg/L	0.000340	25.52%
Al 308.215†	250527.7	136.1	mg/L	0.47	272.1	mg/L	0.95	0.35%
As 188.979†	173.1	0.1342	mg/L	0.00621	0.2685	mg/L	0.01242	4.63%
B 249.677†	914.8	0.08449	mg/L	0.001459	0.1690	mg/L	0.00292	1.73%
Ba 233.527†	4737.7	0.3349	mg/L	0.00240	0.6698	mg/L	0.00481	0.72%
Be 313.042†	3542.6	0.00242	mg/L	0.000026	0.00485	mg/L	0.000051	1.06%
Ca 317.933†	608817.5	38.21	mg/L	0.182	76.42	mg/L	0.364	0.48%
Cd 228.802†	55.7	0.00006	mg/L	0.000192	0.00011	mg/L	0.000385	341.60%
Co 228.616†	2693.2	0.07872	mg/L	0.000674	0.1574	mg/L	0.00135	0.86%
Cr 267.716†	4625.3	0.3377	mg/L	0.00228	0.6755	mg/L	0.00456	0.68%
Cu 324.752†	98889.6	0.4084	mg/L	0.00166	0.8167	mg/L	0.00332	0.41%
Fe 273.955†	342280.1	188.4	mg/L	1.96	376.8	mg/L	3.93	1.04%
K 766.490†	25711.7	12.72	mg/L	0.064	25.44	mg/L	0.127	0.50%
Mg 279.077†	99804.8	67.65	mg/L	0.338	135.3	mg/L	0.68	0.50%
Mn 257.610†	244101.9	2.318	mg/L	0.0118	4.636	mg/L	0.0235	0.51%
Mo 202.031†	118.9	0.00668	mg/L	0.000076	0.01336	mg/L	0.000152	1.14%
Na 589.592†	394979.1	27.37	mg/L	0.059	54.74	mg/L	0.117	0.21%
Na 330.237†	1321.7	29.02	mg/L	0.154	58.05	mg/L	0.308	0.53%
Ni 231.604†	1403.2	0.2937	mg/L	0.00147	0.5874	mg/L	0.00294	0.50%
Pb 220.353†	443.5	0.07967	mg/L	0.000613	0.1593	mg/L	0.00123	0.77%
Sb 206.836†	69.6	0.02517	mg/L	0.004366	0.05034	mg/L	0.008732	17.34%
Se 196.026†	-18.3	0.00659	mg/L	0.004948	0.01318	mg/L	0.009896	75.11%
Si 288.158†	8736.7	3.949	mg/L	0.0398	7.897	mg/L	0.0797	1.01%
Sn 189.927†	-2.2	0.00333	mg/L	0.000499	0.00666	mg/L	0.000997	14.97%
Sr 421.552†	263640.1	0.2874	mg/L	0.00113	0.5749	mg/L	0.00227	0.39%
Ti 334.903†	233600.5	6.385	mg/L	0.0435	12.77	mg/L	0.087	0.68%
Tl 190.801†	-1.8	0.02183	mg/L	0.000709	0.04366	mg/L	0.001417	3.25%
V 292.402†	44522.9	0.3971	mg/L	0.00122	0.7941	mg/L	0.00243	0.31%
Zn 206.200†	3237.6	0.6247	mg/L	0.00463	1.249	mg/L	0.0093	0.74%

Sequence No.: 20
Sample ID: PB44R M SWC

Autosampler Location: 321
Date Collected: 6/16/2009 11:15:12 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R M SWC

Analyte	Back Pressure	Flow
All	223.0 kPa	0.75 L/min

Mean Data: PB44R M SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	2024021.8	101.6	%	0.37				0.36%
ScR 361.383	612065.3	102.3	%	0.67				0.65%
Ag 328.068†	-160.2	-0.00068	mg/L	0.000123	-0.00135	mg/L	0.000246	18.21%
Al 308.215†	238718.3	129.6	mg/L	0.34	259.3	mg/L	0.68	0.26%
As 188.979†	153.4	0.1188	mg/L	0.00471	0.2376	mg/L	0.00941	3.96%
B 249.677†	1002.3	0.09261	mg/L	0.002626	0.1852	mg/L	0.00525	2.84%
Ba 233.527†	4721.2	0.3345	mg/L	0.00547	0.6691	mg/L	0.01095	1.64%
Be 313.042†	3373.4	0.00228	mg/L	0.000069	0.00457	mg/L	0.000138	3.03%
Ca 317.933†	522579.4	32.80	mg/L	0.081	65.59	mg/L	0.163	0.25%
Cd 228.802†	57.4	0.00039	mg/L	0.000248	0.00079	mg/L	0.000496	62.86%
Co 228.616†	2397.0	0.06909	mg/L	0.000355	0.1382	mg/L	0.00071	0.51%
Cr 267.716†	4536.7	0.3308	mg/L	0.00618	0.6617	mg/L	0.01237	1.87%
Cu 324.752†	77929.9	0.3233	mg/L	0.00033	0.6465	mg/L	0.00065	0.10%
Fe 273.955†	315110.3	173.4	mg/L	0.36	346.9	mg/L	0.72	0.21%
K 766.490†	25738.9	12.73	mg/L	0.061	25.47	mg/L	0.122	0.48%
Mg 279.077†	94285.6	63.91	mg/L	0.117	127.8	mg/L	0.23	0.18%
Mn 257.610†	208704.6	1.982	mg/L	0.0061	3.964	mg/L	0.0122	0.31%
Mo 202.031†	120.8	0.00685	mg/L	0.000078	0.01370	mg/L	0.000157	1.14%
Na 589.592†	349204.0	24.20	mg/L	0.036	48.40	mg/L	0.072	0.15%
Na 330.237†	1170.7	25.83	mg/L	0.294	51.65	mg/L	0.587	1.14%
Ni 231.604†	1354.9	0.2836	mg/L	0.00376	0.5671	mg/L	0.00753	1.33%
Pb 220.353†	415.9	0.07539	mg/L	0.000478	0.1508	mg/L	0.00096	0.63%
Sb 206.836†	57.6	0.02034	mg/L	0.002411	0.04068	mg/L	0.004821	11.85%
Se 196.026†	-23.5	0.00101	mg/L	0.004933	0.00201	mg/L	0.009866	490.37%
Si 288.158†	8089.6	3.656	mg/L	0.0785	7.312	mg/L	0.1571	2.15%
Sn 189.927†	-4.9	0.00259	mg/L	0.000940	0.00518	mg/L	0.001879	36.31%
Sr 421.552†	249793.3	0.2723	mg/L	0.00077	0.5447	mg/L	0.00155	0.28%
Ti 334.903†	226793.1	6.200	mg/L	0.0266	12.40	mg/L	0.053	0.43%
Tl 190.801†	-8.3	0.01622	mg/L	0.004897	0.03245	mg/L	0.009794	30.18%
V 292.402†	43230.8	0.3859	mg/L	0.00058	0.7719	mg/L	0.00115	0.15%
Zn 206.200†	2906.6	0.5609	mg/L	0.00982	1.122	mg/L	0.0196	1.75%

Sequence No.: 21
Sample ID: PB44R N SWC

Autosampler Location: 322
Date Collected: 6/16/2009 11:18:42 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R N SWC

Analyte	Back Pressure	Flow
All	223.0 kPa	0.75 L/min

Mean Data: PB44R N SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2024196.3	101.6	%	0.77				0.75%
ScR 361.383	612453.2	102.4	%	0.31				0.30%
Ag 328.068†	-163.7	-0.00069	mg/L	0.000206	-0.00139	mg/L	0.000412	29.67%
Al 308.215†	238002.0	129.3	mg/L	0.34	258.5	mg/L	0.67	0.26%
As 188.979†	155.9	0.1191	mg/L	0.00789	0.2382	mg/L	0.01579	6.63%
B 249.677†	810.1	0.07482	mg/L	0.000726	0.1496	mg/L	0.00145	0.97%
Ba 233.527†	5527.2	0.3932	mg/L	0.00455	0.7865	mg/L	0.00909	1.16%
Be 313.042†	3350.7	0.00229	mg/L	0.000057	0.00458	mg/L	0.000113	2.48%
Ca 317.933†	575454.1	36.11	mg/L	0.333	72.23	mg/L	0.666	0.92%
Cd 228.802†	47.0	-0.00014	mg/L	0.000358	-0.00027	mg/L	0.000715	261.20%
Co 228.616†	2386.8	0.06898	mg/L	0.000693	0.1380	mg/L	0.00139	1.01%
Cr 267.716†	4407.2	0.3217	mg/L	0.00273	0.6434	mg/L	0.00546	0.85%
Cu 324.752†	76409.0	0.3174	mg/L	0.00283	0.6348	mg/L	0.00565	0.89%
Fe 273.955†	320114.4	176.2	mg/L	1.11	352.4	mg/L	2.23	0.63%
K 766.490†	24661.3	12.20	mg/L	0.089	24.40	mg/L	0.177	0.73%
Mg 279.077†	93433.5	63.33	mg/L	0.317	126.7	mg/L	0.63	0.50%
Mn 257.610†	219847.5	2.088	mg/L	0.0084	4.176	mg/L	0.0167	0.40%
Mo 202.031†	106.1	0.00594	mg/L	0.000316	0.01188	mg/L	0.000632	5.32%
Na 589.592†	326737.2	22.64	mg/L	0.036	45.29	mg/L	0.072	0.16%
Na 330.237†	1098.8	24.23	mg/L	0.295	48.46	mg/L	0.589	1.22%
Ni 231.604†	1363.1	0.2853	mg/L	0.00580	0.5705	mg/L	0.01160	2.03%
Pb 220.353†	353.2	0.06582	mg/L	0.000476	0.1316	mg/L	0.00095	0.72%
Sb 206.836†	66.8	0.02415	mg/L	0.000732	0.04831	mg/L	0.001464	3.03%
Se 196.026†	-23.8	0.00118	mg/L	0.010229	0.00235	mg/L	0.020458	868.75%
Si 288.158†	8414.1	3.803	mg/L	0.0606	7.605	mg/L	0.1212	1.59%
Sn 189.927†	-7.2	0.00216	mg/L	0.000196	0.00433	mg/L	0.000392	9.06%
Sr 421.552†	267180.8	0.2913	mg/L	0.00053	0.5826	mg/L	0.00106	0.18%
Ti 334.903†	222174.4	6.072	mg/L	0.0323	12.14	mg/L	0.065	0.53%
Tl 190.801†	-5.4	0.01812	mg/L	0.002149	0.03625	mg/L	0.004298	11.86%
V 292.402†	42199.4	0.3764	mg/L	0.00367	0.7528	mg/L	0.00733	0.97%
Zn 206.200†	2783.1	0.5370	mg/L	0.00440	1.074	mg/L	0.0088	0.82%

Sequence No.: 22
Sample ID: PB44R O SWC

Autosampler Location: 323
Date Collected: 6/16/2009 11:22:12 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R O SWC

Analyte	Back Pressure	Flow
All	223.0 kPa	0.75 L/min

Mean Data: PB44R O SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2043757.0	102.6	%	1.00				0.97%
ScR 361.383	627540.7	104.9	%	1.74				1.66%
Ag 328.068†	-147.4	-0.00062	mg/L	0.000061	-0.00124	mg/L	0.000121	9.77%
Al 308.215†	218896.8	118.9	mg/L	0.18	237.8	mg/L	0.36	0.15%
As 188.979†	157.8	0.1206	mg/L	0.00277	0.2413	mg/L	0.00555	2.30%
B 249.677†	866.0	0.08000	mg/L	0.001193	0.1600	mg/L	0.00239	1.49%
Ba 233.527†	4131.3	0.2916	mg/L	0.00550	0.5832	mg/L	0.01101	1.89%
Be 313.042†	2994.4	0.00197	mg/L	0.000105	0.00395	mg/L	0.000209	5.29%
Ca 317.933†	591147.8	37.10	mg/L	0.093	74.20	mg/L	0.185	0.25%
Cd 228.802†	51.2	0.00015	mg/L	0.000217	0.00031	mg/L	0.000433	140.37%
Co 228.616†	2325.8	0.06724	mg/L	0.000264	0.1345	mg/L	0.00053	0.39%
Cr 267.716†	4117.7	0.3008	mg/L	0.00553	0.6016	mg/L	0.01106	1.84%
Cu 324.752†	70128.0	0.2919	mg/L	0.00272	0.5839	mg/L	0.00543	0.93%
Fe 273.955†	312936.4	172.2	mg/L	0.86	344.5	mg/L	1.72	0.50%
K 766.490†	22004.1	10.89	mg/L	0.028	21.77	mg/L	0.057	0.26%
Mg 279.077†	91987.2	62.35	mg/L	0.113	124.7	mg/L	0.23	0.18%
Mn 257.610†	206776.8	1.964	mg/L	0.0036	3.927	mg/L	0.0072	0.18%
Mo 202.031†	122.0	0.00688	mg/L	0.000134	0.01375	mg/L	0.000267	1.94%
Na 589.592†	348641.0	24.16	mg/L	0.034	48.32	mg/L	0.068	0.14%
Na 330.237†	1148.3	25.24	mg/L	0.303	50.47	mg/L	0.606	1.20%
Ni 231.604†	1630.5	0.3413	mg/L	0.00724	0.6826	mg/L	0.01448	2.12%
Pb 220.353†	421.4	0.07432	mg/L	0.000692	0.1486	mg/L	0.00138	0.93%
Sb 206.836†	61.3	0.02215	mg/L	0.002981	0.04429	mg/L	0.005962	13.46%
Se 196.026†	-17.1	0.00571	mg/L	0.001211	0.01141	mg/L	0.002422	21.23%
Si 288.158†	6631.6	2.997	mg/L	0.0649	5.994	mg/L	0.1298	2.17%
Sn 189.927†	-10.4	0.00149	mg/L	0.000241	0.00298	mg/L	0.000482	16.22%
Sr 421.552†	256617.3	0.2798	mg/L	0.00039	0.5596	mg/L	0.00078	0.14%
Ti 334.903†	216036.7	5.904	mg/L	0.0318	11.81	mg/L	0.064	0.54%
Tl 190.801†	-5.6	0.01747	mg/L	0.005631	0.03495	mg/L	0.011262	32.23%
V 292.402†	40155.0	0.3579	mg/L	0.00280	0.7158	mg/L	0.00559	0.78%
Zn 206.200†	2903.6	0.5602	mg/L	0.00976	1.120	mg/L	0.0195	1.74%

Sequence No.: 23
Sample ID: CV3

Autosampler Location: 7
Date Collected: 6/16/2009 11:25:42 AM
Data Type: Original

Dilution: 1X

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	223.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2025110.4	101.6	%	0.30				0.29%
ScR 361.383	592781.8	99.09	%	0.952				0.96%
Ag 328.068†	211038.6	0.9792	mg/L	0.00203	0.9792	mg/L	0.00203	0.21%
Al 308.215†	3822.4	2.044	mg/L	0.0084	2.044	mg/L	0.0084	0.41%
As 188.979†	1985.6	2.018	mg/L	0.0039	2.018	mg/L	0.0039	0.19%
B 249.677†	11046.9	1.021	mg/L	0.0070	1.021	mg/L	0.0070	0.69%
Ba 233.527†	14213.7	1.037	mg/L	0.0030	1.037	mg/L	0.0030	0.29%
Be 313.042†	979148.3	1.023	mg/L	0.0026	1.023	mg/L	0.0026	0.26%
Ca 317.933†	34190.8	2.146	mg/L	0.0139	2.146	mg/L	0.0139	0.65%
Cd 228.802†	21593.8	1.040	mg/L	0.0042	1.040	mg/L	0.0042	0.40%
Co 228.616†	30560.5	1.028	mg/L	0.0042	1.028	mg/L	0.0042	0.40%
Cr 267.716†	14500.9	1.039	mg/L	0.0062	1.039	mg/L	0.0062	0.59%
Cu 324.752†	248733.9	0.9980	mg/L	0.00211	0.9980	mg/L	0.00211	0.21%
Fe 273.955†	3763.5	2.057	mg/L	0.0269	2.057	mg/L	0.0269	1.31%
K 766.490†	39755.0	19.67	mg/L	0.065	19.67	mg/L	0.065	0.33%
Mg 279.077†	3106.7	2.112	mg/L	0.0056	2.112	mg/L	0.0056	0.26%
Mn 257.610†	105086.3	0.9991	mg/L	0.00342	0.9991	mg/L	0.00342	0.34%
Mo 202.031†	16336.1	0.9747	mg/L	0.00470	0.9747	mg/L	0.00470	0.48%
Na 589.592†	721421.2	50.00	mg/L	0.157	50.00	mg/L	0.157	0.31%
Na 330.237†	2444.5	52.31	mg/L	0.395	52.31	mg/L	0.395	0.76%
Ni 231.604†	4892.0	1.025	mg/L	0.0037	1.025	mg/L	0.0037	0.36%
Pb 220.353†	13524.1	2.022	mg/L	0.0100	2.022	mg/L	0.0100	0.49%
Sb 206.836†	4873.5	1.974	mg/L	0.0100	1.974	mg/L	0.0100	0.50%
Se 196.026†	2674.4	1.995	mg/L	0.0023	1.995	mg/L	0.0023	0.12%
Si 288.158†	4642.3	2.104	mg/L	0.0034	2.104	mg/L	0.0034	0.16%
Sn 189.927†	5069.4	0.9994	mg/L	0.00286	0.9994	mg/L	0.00286	0.29%
Sr 421.552†	960236.4	1.047	mg/L	0.0048	1.047	mg/L	0.0048	0.46%
Ti 334.903†	37016.7	1.010	mg/L	0.0081	1.010	mg/L	0.0081	0.80%
Tl 190.801†	3341.1	2.010	mg/L	0.0042	2.010	mg/L	0.0042	0.21%
V 292.402†	108887.2	1.000	mg/L	0.0006	1.000	mg/L	0.0006	0.06%
Zn 206.200†	5496.4	1.062	mg/L	0.0058	1.062	mg/L	0.0058	0.54%

Sequence No.: 24
Sample ID: CB 3

Autosampler Location: 1
Date Collected: 6/16/2009 11:28:14 AM
Data Type: Original

Dilution: 1X

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	224.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2017575.0	101.3	%	0.75				0.74%
ScR 361.383	607244.6	101.5	%	0.67				0.66%
Ag 328.068†	60.9	0.00028	mg/L	0.000133	0.00028	mg/L	0.000133	46.90%
Al 308.215†	14.2	0.00767	mg/L	0.003559	0.00767	mg/L	0.003559	46.41%
As 188.979†	4.3	0.00434	mg/L	0.003675	0.00434	mg/L	0.003675	84.64%
B 249.677†	25.9	0.00239	mg/L	0.000274	0.00239	mg/L	0.000274	11.46%
Ba 233.527†	10.0	0.00073	mg/L	0.000506	0.00073	mg/L	0.000506	69.47%
Be 313.042†	138.5	0.00014	mg/L	0.000008	0.00014	mg/L	0.000008	5.52%
Ca 317.933†	32.9	0.00207	mg/L	0.000263	0.00207	mg/L	0.000263	12.71%
Cd 228.802†	9.0	0.00041	mg/L	0.000274	0.00041	mg/L	0.000274	67.53%
Co 228.616†	12.5	0.00042	mg/L	0.000330	0.00042	mg/L	0.000330	78.17%
Cr 267.716†	-17.4	-0.00125	mg/L	0.000073	-0.00125	mg/L	0.000073	5.84%
Cu 324.752†	229.5	0.00092	mg/L	0.000233	0.00092	mg/L	0.000233	25.32%
Fe 273.955†	10.3	0.00566	mg/L	0.001157	0.00566	mg/L	0.001157	20.43%
K 766.490†	26.4	0.01305	mg/L	0.003578	0.01305	mg/L	0.003578	27.41%
Mg 279.077†	6.9	0.00469	mg/L	0.007555	0.00469	mg/L	0.007555	160.99%
Mn 257.610†	20.3	0.00019	mg/L	0.000088	0.00019	mg/L	0.000088	45.65%
Mo 202.031†	10.5	0.00063	mg/L	0.000676	0.00063	mg/L	0.000676	107.56%
Na 589.592†	75.2	0.00521	mg/L	0.003539	0.00521	mg/L	0.003539	67.90%
Na 330.237†	13.5	0.2900	mg/L	0.25031	0.2900	mg/L	0.25031	86.33%
Ni 231.604†	0.8	0.00018	mg/L	0.000906	0.00018	mg/L	0.000906	511.38%
Pb 220.353†	1.4	0.00020	mg/L	0.000418	0.00020	mg/L	0.000418	206.30%
Sb 206.836†	6.7	0.00273	mg/L	0.003187	0.00273	mg/L	0.003187	116.55%
Se 196.026†	3.0	0.00225	mg/L	0.003300	0.00225	mg/L	0.003300	146.78%
Si 288.158†	-10.6	-0.00481	mg/L	0.000852	-0.00481	mg/L	0.000852	17.73%
Sn 189.927†	4.3	0.00085	mg/L	0.001020	0.00085	mg/L	0.001020	120.11%
Sr 421.552†	22.7	0.00002	mg/L	0.000012	0.00002	mg/L	0.000012	48.83%
Ti 334.903†	-24.9	-0.00068	mg/L	0.000374	-0.00068	mg/L	0.000374	54.67%
Tl 190.801†	-0.1	-0.00005	mg/L	0.001231	-0.00005	mg/L	0.001231	>999.9%
V 292.402†	82.5	0.00075	mg/L	0.000520	0.00075	mg/L	0.000520	69.34%
Zn 206.200†	-2.0	-0.00038	mg/L	0.000082	-0.00038	mg/L	0.000082	21.35%

Sequence No.: 25
Sample ID: CV

Dilution: 1X

Autosampler Location: 7
Date Collected: 6/16/2009 11:31:58 AM
Data Type: Original

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	224.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2009600.6	100.9	%	0.32				0.32%
ScR 361.383	608530.7	101.7	%	0.54				0.53%
Ag 328.068†	211354.2	0.9807	mg/L	0.00385	0.9807	mg/L	0.00385	0.39%
Al 308.215†	4005.4	2.143	mg/L	0.1076	2.143	mg/L	0.1076	5.02%
As 188.979†	1989.1	2.022	mg/L	0.0086	2.022	mg/L	0.0086	0.43%
B 249.677†	10995.2	1.016	mg/L	0.0033	1.016	mg/L	0.0033	0.32%
Ba 233.527†	14102.7	1.029	mg/L	0.0051	1.029	mg/L	0.0051	0.50%
Be 313.042†	982156.0	1.026	mg/L	0.0045	1.026	mg/L	0.0045	0.44%
Ca 317.933†	34537.8	2.168	mg/L	0.0312	2.168	mg/L	0.0312	1.44%
Cd 228.802†	21562.1	1.038	mg/L	0.0068	1.038	mg/L	0.0068	0.65%
Co 228.616†	30595.8	1.029	mg/L	0.0056	1.029	mg/L	0.0056	0.55%
Cr 267.716†	14413.0	1.033	mg/L	0.0059	1.033	mg/L	0.0059	0.57%
Cu 324.752†	249260.4	1.000	mg/L	0.0038	1.000	mg/L	0.0038	0.38%
Fe 273.955†	4023.6	2.200	mg/L	0.1688	2.200	mg/L	0.1688	7.67%
K 766.490†	39703.7	19.64	mg/L	0.056	19.64	mg/L	0.056	0.29%
Mg 279.077†	3154.9	2.145	mg/L	0.0513	2.145	mg/L	0.0513	2.39%
Mn 257.610†	105277.3	1.001	mg/L	0.0059	1.001	mg/L	0.0059	0.59%
Mo 202.031†	16346.3	0.9753	mg/L	0.00647	0.9753	mg/L	0.00647	0.66%
Na 589.592†	722941.6	50.10	mg/L	0.236	50.10	mg/L	0.236	0.47%
Na 330.237†	2418.6	51.76	mg/L	0.341	51.76	mg/L	0.341	0.66%
Ni 231.604†	4884.5	1.023	mg/L	0.0064	1.023	mg/L	0.0064	0.63%
Pb 220.353†	13523.0	2.022	mg/L	0.0136	2.022	mg/L	0.0136	0.67%
Sb 206.836†	4872.1	1.974	mg/L	0.0130	1.974	mg/L	0.0130	0.66%
Se 196.026†	2676.0	1.996	mg/L	0.0090	1.996	mg/L	0.0090	0.45%
Si 288.158†	4627.4	2.098	mg/L	0.0145	2.098	mg/L	0.0145	0.69%
Sn 189.927†	5074.1	1.000	mg/L	0.0059	1.000	mg/L	0.0059	0.59%
Sr 421.552†	963560.8	1.051	mg/L	0.0067	1.051	mg/L	0.0067	0.64%
Ti 334.903†	37119.8	1.013	mg/L	0.0074	1.013	mg/L	0.0074	0.73%
Tl 190.801†	3343.9	2.011	mg/L	0.0117	2.011	mg/L	0.0117	0.58%
V 292.402†	109228.0	1.003	mg/L	0.0043	1.003	mg/L	0.0043	0.43%
Zn 206.200†	5451.2	1.053	mg/L	0.0027	1.053	mg/L	0.0027	0.25%

Sequence No.: 26
Sample ID: CB #4

Dilution: 1X

Autosampler Location: 1
Date Collected: 6/16/2009 11:34:30 AM
Data Type: Original

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	223.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	2004536.2	100.6	%	0.33				0.33%
ScR 361.383	610250.3	102.0	%	0.66				0.64%
Ag 328.068†	102.8	0.00048	mg/L	0.000278	0.00048	mg/L	0.000278	58.39%
Al 308.215†	93.6	0.05083	mg/L	0.009091	0.05083	mg/L	0.009091	17.88%
As 188.979†	2.9	0.00295	mg/L	0.002284	0.00295	mg/L	0.002284	77.29%
B 249.677†	25.1	0.00232	mg/L	0.001503	0.00232	mg/L	0.001503	64.86%
Ba 233.527†	13.1	0.00095	mg/L	0.000008	0.00095	mg/L	0.000008	0.86%
Be 313.042†	289.8	0.00030	mg/L	0.000091	0.00030	mg/L	0.000091	30.38%
Ca 317.933†	245.7	0.01542	mg/L	0.006806	0.01542	mg/L	0.006806	44.13%
Cd 228.802†	14.2	0.00067	mg/L	0.000427	0.00067	mg/L	0.000427	63.84%
Co 228.616†	21.1	0.00071	mg/L	0.000576	0.00071	mg/L	0.000576	81.73%
Cr 267.716†	0.6	0.00005	mg/L	0.000179	0.00005	mg/L	0.000179	379.45%
Cu 324.752†	270.7	0.00109	mg/L	0.000411	0.00109	mg/L	0.000411	37.69%
Fe 273.955†	110.7	0.06092	mg/L	0.011309	0.06092	mg/L	0.011309	18.56%
K 766.490†	-16.9	-0.00835	mg/L	0.017370	-0.00835	mg/L	0.017370	207.97%
Mg 279.077†	36.8	0.02495	mg/L	0.004314	0.02495	mg/L	0.004314	17.29%
Mn 257.610†	99.7	0.00095	mg/L	0.000205	0.00095	mg/L	0.000205	21.66%
Mo 202.031†	10.5	0.00062	mg/L	0.000741	0.00062	mg/L	0.000741	118.81%
Na 589.592†	369.2	0.02558	mg/L	0.010764	0.02558	mg/L	0.010764	42.08%
Na 330.237†	11.0	0.2361	mg/L	0.34881	0.2361	mg/L	0.34881	147.76%
Ni 231.604†	-0.1	-0.00002	mg/L	0.000508	-0.00002	mg/L	0.000508	>999.9%
Pb 220.353†	0.4	0.00006	mg/L	0.001404	0.00006	mg/L	0.001404	>999.9%
Sb 206.836†	2.7	0.00111	mg/L	0.002677	0.00111	mg/L	0.002677	240.10%
Se 196.026†	3.4	0.00252	mg/L	0.002361	0.00252	mg/L	0.002361	93.51%
Si 288.158†	1.5	0.00070	mg/L	0.000729	0.00070	mg/L	0.000729	104.80%
Sn 189.927†	5.2	0.00102	mg/L	0.000641	0.00102	mg/L	0.000641	62.61%
Sr 421.552†	257.9	0.00028	mg/L	0.000112	0.00028	mg/L	0.000112	39.88%
Ti 334.903†	86.7	0.00237	mg/L	0.000947	0.00237	mg/L	0.000947	39.99%
Tl 190.801†	4.6	0.00278	mg/L	0.001452	0.00278	mg/L	0.001452	52.16%
V 292.402†	92.1	0.00084	mg/L	0.000656	0.00084	mg/L	0.000656	78.22%
Zn 206.200†	1.4	0.00027	mg/L	0.001401	0.00027	mg/L	0.001401	518.83%

Sequence No.: 27
Sample ID: PB44R ADUP SWC

Dilution: 2X

Autosampler Location: 324
Date Collected: 6/16/2009 11:38:14 AM
Data Type: Original

Nebulizer Parameters: PB44R ADUP SWC

Analyte	Back Pressure	Flow
All	224.0 kPa	0.75 L/min

Mean Data: PB44R ADUP SWC

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1974567.2	99.11	%	0.322				0.32%
ScR 361.383	622860.4	104.1	%	2.65				2.54%
Ag 328.068†	-198.1	-0.00075	mg/L	0.000048	-0.00150	mg/L	0.000096	6.42%
Al 308.215†	222903.5	121.1	mg/L	0.16	242.1	mg/L	0.32	0.13%
As 188.979†	138.4	0.08393	mg/L	0.008320	0.1679	mg/L	0.01664	9.91%
B 249.677†	452.3	0.04171	mg/L	0.000651	0.08342	mg/L	0.001303	1.56%
Ba 233.527†	2964.5	0.2060	mg/L	0.00299	0.4120	mg/L	0.00598	1.45%
Be 313.042†	4128.6	0.00187	mg/L	0.000064	0.00373	mg/L	0.000128	3.44%
Ca 317.933†	900210.9	56.50	mg/L	0.149	113.0	mg/L	0.30	0.26%
Cd 228.802†	29.8	-0.00075	mg/L	0.000255	-0.00150	mg/L	0.000510	34.09%
Co 228.616†	2610.5	0.07472	mg/L	0.000703	0.1494	mg/L	0.00141	0.94%
Cr 267.716†	2990.2	0.2191	mg/L	0.00297	0.4382	mg/L	0.00593	1.35%
Cu 324.752†	64088.6	0.2677	mg/L	0.00175	0.5354	mg/L	0.00349	0.65%
Fe 273.955†	322062.2	177.3	mg/L	1.63	354.5	mg/L	3.27	0.92%
K 766.490†	15050.6	7.446	mg/L	0.0506	14.89	mg/L	0.101	0.68%
Mg 279.077†	114422.3	77.57	mg/L	0.246	155.1	mg/L	0.49	0.32%
Mn 257.610†	269583.4	2.560	mg/L	0.0081	5.121	mg/L	0.0162	0.32%
Mo 202.031†	90.9	0.00481	mg/L	0.000471	0.00963	mg/L	0.000942	9.79%
Na 589.592†	181687.4	12.59	mg/L	0.028	25.18	mg/L	0.056	0.22%
Na 330.237†	598.6	13.48	mg/L	0.395	26.95	mg/L	0.789	2.93%
Ni 231.604†	1364.4	0.2856	mg/L	0.00466	0.5711	mg/L	0.00932	1.63%
Pb 220.353†	1223.7	0.1946	mg/L	0.00161	0.3892	mg/L	0.00323	0.83%
Sb 206.836†	60.8	0.02468	mg/L	0.004001	0.04936	mg/L	0.008002	16.21%
Se 196.026†	-18.1	0.00487	mg/L	0.001182	0.00974	mg/L	0.002363	24.25%
Si 288.158†	2582.5	1.167	mg/L	0.0243	2.335	mg/L	0.0486	2.08%
Sn 189.927†	-14.4	0.00171	mg/L	0.001355	0.00342	mg/L	0.002710	79.34%
Sr 421.552†	214508.8	0.2339	mg/L	0.00125	0.4678	mg/L	0.00249	0.53%
Ti 334.903†	257678.8	7.040	mg/L	0.0373	14.08	mg/L	0.075	0.53%
Tl 190.801†	5.5	0.02168	mg/L	0.000449	0.04336	mg/L	0.000897	2.07%
V 292.402†	84956.1	0.7667	mg/L	0.00435	1.533	mg/L	0.0087	0.57%
Zn 206.200†	2198.1	0.4237	mg/L	0.00693	0.8475	mg/L	0.01385	1.63%

Sequence No.: 28
Sample ID: PB44R A SWC

Dilution: 2X

Autosampler Location: 325
Date Collected: 6/16/2009 11:41:45 AM
Data Type: Original

Nebulizer Parameters: PB44R A SWC

Analyte	Back Pressure	Flow
A11	224.0 kPa	0.75 L/min

Mean Data: PB44R A SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1979622.8	99.36	%	0.600				0.60%
ScR 361.383	605309.0	101.2	%	0.68				0.67%
Ag 328.068†	-121.0	-0.00053	mg/L	0.000165	-0.00106	mg/L	0.000330	31.19%
Al 308.215†	106143.2	57.65	mg/L	0.135	115.3	mg/L	0.27	0.24%
As 188.979†	108.2	0.08313	mg/L	0.005164	0.1663	mg/L	0.01033	6.21%
B 249.677†	234.8	0.02166	mg/L	0.000701	0.04332	mg/L	0.001402	3.24%
Ba 233.527†	1669.3	0.1151	mg/L	0.00049	0.2302	mg/L	0.00097	0.42%
Be 313.042†	1594.0	0.00099	mg/L	0.000031	0.00198	mg/L	0.000062	3.14%
Ca 317.933†	423298.3	26.57	mg/L	0.082	53.13	mg/L	0.165	0.31%
Cd 228.802†	23.7	-0.00039	mg/L	0.000152	-0.00077	mg/L	0.000305	39.56%
Co 228.616†	1313.1	0.03788	mg/L	0.000481	0.07576	mg/L	0.000962	1.27%
Cr 267.716†	2176.3	0.1602	mg/L	0.00118	0.3203	mg/L	0.00236	0.74%
Cu 324.752†	54982.2	0.2280	mg/L	0.00216	0.4560	mg/L	0.00432	0.95%
Fe 273.955†	212751.1	117.1	mg/L	0.28	234.2	mg/L	0.55	0.24%
K 766.490†	7800.8	3.859	mg/L	0.0337	7.719	mg/L	0.0674	0.87%
Mg 279.077†	53195.4	36.05	mg/L	0.069	72.10	mg/L	0.137	0.19%
Mn 257.610†	147592.5	1.402	mg/L	0.0044	2.804	mg/L	0.0088	0.31%
Mo 202.031†	61.9	0.00341	mg/L	0.000033	0.00681	mg/L	0.000066	0.97%
Na 589.592†	96538.8	6.690	mg/L	0.0198	13.38	mg/L	0.040	0.30%
Na 330.237†	337.6	7.525	mg/L	0.1339	15.05	mg/L	0.268	1.78%
Ni 231.604†	1336.4	0.2798	mg/L	0.00397	0.5595	mg/L	0.00795	1.42%
Pb 220.353†	426.5	0.06688	mg/L	0.000182	0.1338	mg/L	0.00036	0.27%
Sb 206.836†	35.0	0.01287	mg/L	0.001592	0.02575	mg/L	0.003183	12.36%
Se 196.026†	-15.1	0.00162	mg/L	0.003774	0.00325	mg/L	0.007549	232.58%
Si 288.158†	1638.8	0.7407	mg/L	0.00731	1.481	mg/L	0.0146	0.99%
Sn 189.927†	-2.0	0.00178	mg/L	0.000738	0.00355	mg/L	0.001476	41.57%
Sr 421.552†	118707.1	0.1294	mg/L	0.00070	0.2589	mg/L	0.00139	0.54%
Ti 334.903†	123347.7	3.370	mg/L	0.0098	6.740	mg/L	0.0197	0.29%
Tl 190.801†	4.1	0.01673	mg/L	0.001506	0.03345	mg/L	0.003013	9.00%
V 292.402†	23509.1	0.2088	mg/L	0.00215	0.4176	mg/L	0.00431	1.03%
Zn 206.200†	1422.8	0.2744	mg/L	0.00089	0.5488	mg/L	0.00177	0.32%

Sequence No.: 29
Sample ID: PB44R ASPK SWC

Autosampler Location: 326
Date Collected: 6/16/2009 11:45:10 AM
Data Type: Original

Dilution: 2X

Nebulizer Parameters: PB44R ASPK SWC

Analyte	Back Pressure	Flow
All	224.0 kPa	0.75 L/min

Mean Data: PB44R ASPK SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1946958.1	97.72	%	0.193				0.20%
ScR 361.383	588155.6	98.32	%	0.211				0.22%
Ag 328.068†	104416.0	0.4846	mg/L	0.00123	0.9691	mg/L	0.00246	0.25%
Al 308.215†	167278.5	90.84	mg/L	0.286	181.7	mg/L	0.57	0.31%
As 188.979†	2014.1	1.998	mg/L	0.0111	3.996	mg/L	0.0221	0.55%
B 249.677†	422.1	0.03816	mg/L	0.000603	0.07632	mg/L	0.001207	1.58%
Ba 233.527†	29603.4	2.152	mg/L	0.0143	4.305	mg/L	0.0286	0.66%
Be 313.042†	465677.6	0.4854	mg/L	0.00107	0.9707	mg/L	0.00214	0.22%
Ca 317.933†	871359.3	54.69	mg/L	0.143	109.4	mg/L	0.29	0.26%
Cd 228.802†	10459.0	0.4945	mg/L	0.00099	0.9890	mg/L	0.00198	0.20%
Co 228.616†	16090.9	0.5307	mg/L	0.00268	1.061	mg/L	0.0054	0.50%
Cr 267.716†	9610.7	0.6924	mg/L	0.00272	1.385	mg/L	0.0054	0.39%
Cu 324.752†	154756.7	0.6295	mg/L	0.00186	1.259	mg/L	0.0037	0.29%
Fe 273.955†	257694.0	141.8	mg/L	0.79	283.7	mg/L	1.57	0.55%
K 766.490†	32971.6	16.31	mg/L	0.104	32.63	mg/L	0.208	0.64%
Mg 279.077†	101711.9	68.96	mg/L	0.060	137.9	mg/L	0.12	0.09%
Mn 257.610†	240853.6	2.288	mg/L	0.0041	4.576	mg/L	0.0082	0.18%
Mo 202.031†	89.8	0.00477	mg/L	0.000076	0.00953	mg/L	0.000153	1.60%
Na 589.592†	338870.8	23.48	mg/L	0.068	46.97	mg/L	0.136	0.29%
Na 330.237†	1158.5	25.11	mg/L	0.372	50.22	mg/L	0.745	1.48%
Ni 231.604†	3502.8	0.7326	mg/L	0.00542	1.465	mg/L	0.0108	0.74%
Pb 220.353†	13027.0	1.956	mg/L	0.0048	3.911	mg/L	0.0096	0.25%
Sb 206.836†	71.7	0.02254	mg/L	0.002190	0.04509	mg/L	0.004381	9.72%
Se 196.026†	2535.4	1.905	mg/L	0.0143	3.810	mg/L	0.0287	0.75%
Si 288.158†	2669.3	1.209	mg/L	0.0352	2.417	mg/L	0.0705	2.92%
Sn 189.927†	-19.6	0.00022	mg/L	0.000720	0.00044	mg/L	0.001441	330.70%
Sr 421.552†	650774.6	0.7095	mg/L	0.00389	1.419	mg/L	0.0078	0.55%
Ti 334.903†	215930.7	5.897	mg/L	0.0129	11.79	mg/L	0.026	0.22%
Tl 190.801†	3069.3	1.863	mg/L	0.0070	3.727	mg/L	0.0141	0.38%
V 292.402†	86610.3	0.7859	mg/L	0.00062	1.572	mg/L	0.0012	0.08%
Zn 206.200†	4602.1	0.8883	mg/L	0.00755	1.777	mg/L	0.0151	0.85%

Sequence No.: 30
Sample ID: PB98 FDUP SWC

Dilution: 2X

Autosampler Location: 327
Date Collected: 6/16/2009 11:47:43 AM
Data Type: Original

Nebulizer Parameters: PB98 FDUP SWC

Analyte	Back Pressure	Flow
All	224.0 kPa	0.75 L/min

Mean Data: PB98 FDUP SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1972177.7	98.99	%	0.294				0.30%
ScR 361.383	608919.2	101.8	%	1.73				1.70%
Ag 328.068†	1795.9	0.00841	mg/L	0.000247	0.01682	mg/L	0.000495	2.94%
Al 308.215†	164592.0	89.39	mg/L	0.164	178.8	mg/L	0.33	0.18%
As 188.979†	154.1	0.1082	mg/L	0.00440	0.2164	mg/L	0.00880	4.07%
B 249.677†	86.7	0.00790	mg/L	0.001006	0.01581	mg/L	0.002013	12.73%
Ba 233.527†	6550.3	0.4664	mg/L	0.00751	0.9328	mg/L	0.01502	1.61%
Be 313.042†	2722.0	0.00158	mg/L	0.000056	0.00317	mg/L	0.000112	3.54%
Ca 317.933†	736283.6	46.21	mg/L	0.264	92.42	mg/L	0.528	0.57%
Cd 228.802†	251.5	0.00953	mg/L	0.000323	0.01907	mg/L	0.000646	3.39%
Co 228.616†	2273.9	0.06279	mg/L	0.000250	0.1256	mg/L	0.00050	0.40%
Cr 267.716†	1814.3	0.1387	mg/L	0.00280	0.2775	mg/L	0.00560	2.02%
Cu 324.752†	59198.5	0.2500	mg/L	0.00180	0.5001	mg/L	0.00359	0.72%
Fe 273.955†	369200.5	203.2	mg/L	1.89	406.4	mg/L	3.78	0.93%
K 766.490†	11563.7	5.721	mg/L	0.0321	11.44	mg/L	0.064	0.56%
Mg 279.077†	52981.3	35.87	mg/L	0.029	71.75	mg/L	0.058	0.08%
Mn 257.610†	220577.6	2.095	mg/L	0.0062	4.191	mg/L	0.0123	0.29%
Mo 202.031†	143.2	0.00804	mg/L	0.000389	0.01609	mg/L	0.000779	4.84%
Na 589.592†	69876.9	4.843	mg/L	0.0012	9.685	mg/L	0.0023	0.02%
Na 330.237†	247.1	5.617	mg/L	0.1977	11.23	mg/L	0.395	3.52%
Ni 231.604†	650.1	0.1360	mg/L	0.00168	0.2720	mg/L	0.00337	1.24%
Pb 220.353†	2089.3	0.3155	mg/L	0.00111	0.6309	mg/L	0.00221	0.35%
Sb 206.836†	72.6	0.02917	mg/L	0.002751	0.05834	mg/L	0.005502	9.43%
Se 196.026†	-31.1	0.00045	mg/L	0.001757	0.00090	mg/L	0.003515	392.15%
Si 288.158†	1993.8	0.9012	mg/L	0.01100	1.802	mg/L	0.0220	1.22%
Sn 189.927†	3.2	0.00503	mg/L	0.001383	0.01007	mg/L	0.002766	27.47%
Sr 421.552†	320265.9	0.3492	mg/L	0.00129	0.6984	mg/L	0.00259	0.37%
Ti 334.903†	269315.6	7.360	mg/L	0.0473	14.72	mg/L	0.095	0.64%
Tl 190.801†	-7.9	0.01990	mg/L	0.005638	0.03981	mg/L	0.011276	28.33%
V 292.402†	43787.2	0.3883	mg/L	0.00408	0.7766	mg/L	0.00817	1.05%
Zn 206.200†	8187.5	1.580	mg/L	0.0270	3.160	mg/L	0.0540	1.71%

Sequence No.: 31
Sample ID: PB98 F SWC

Dilution: 2X

Autosampler Location: 328
Date Collected: 6/16/2009 11:51:13 AM
Data Type: Original

Nebulizer Parameters: PB98 F SWC

Analyte	Back Pressure	Flow
All	224.0 kPa	0.75 L/min

Mean Data: PB98 F SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1985513.8	99.66	%	0.066				0.07%
ScR 361.383	608607.8	101.7	%	2.51				2.46%
Ag 328.068†	358.9	0.00175	mg/L	0.000162	0.00351	mg/L	0.000324	9.25%
Al 308.215†	182186.9	98.94	mg/L	0.517	197.9	mg/L	1.03	0.52%
As 188.979†	142.4	0.08795	mg/L	0.002893	0.1759	mg/L	0.00579	3.29%
B 249.677†	77.6	0.00706	mg/L	0.000309	0.01412	mg/L	0.000617	4.37%
Ba 233.527†	4991.1	0.3527	mg/L	0.00729	0.7054	mg/L	0.01458	2.07%
Be 313.042†	3107.7	0.00180	mg/L	0.000118	0.00359	mg/L	0.000236	6.55%
Ca 317.933†	896869.7	56.29	mg/L	0.059	112.6	mg/L	0.12	0.10%
Cd 228.802†	230.5	0.00868	mg/L	0.000083	0.01736	mg/L	0.000166	0.96%
Co 228.616†	2265.7	0.06196	mg/L	0.000492	0.1239	mg/L	0.00098	0.79%
Cr 267.716†	2270.7	0.1709	mg/L	0.00389	0.3418	mg/L	0.00777	2.27%
Cu 324.752†	67529.9	0.2833	mg/L	0.00224	0.5666	mg/L	0.00448	0.79%
Fe 273.955†	367723.2	202.4	mg/L	1.40	404.8	mg/L	2.79	0.69%
K 766.490†	14161.4	7.006	mg/L	0.0298	14.01	mg/L	0.060	0.42%
Mg 279.077†	65984.5	44.70	mg/L	0.199	89.39	mg/L	0.398	0.44%
Mn 257.610†	216596.5	2.057	mg/L	0.0099	4.115	mg/L	0.0197	0.48%
Mo 202.031†	101.2	0.00543	mg/L	0.000315	0.01086	mg/L	0.000631	5.81%
Na 589.592†	82832.8	5.740	mg/L	0.0157	11.48	mg/L	0.031	0.27%
Na 330.237†	314.3	6.893	mg/L	0.2948	13.79	mg/L	0.590	4.28%
Ni 231.604†	730.0	0.1527	mg/L	0.00488	0.3055	mg/L	0.00975	3.19%
Pb 220.353†	1378.3	0.2114	mg/L	0.00094	0.4228	mg/L	0.00189	0.45%
Sb 206.836†	58.5	0.02321	mg/L	0.003451	0.04641	mg/L	0.006902	14.87%
Se 196.026†	-38.7	-0.00574	mg/L	0.003257	-0.01149	mg/L	0.006514	56.72%
Si 288.158†	5418.7	2.449	mg/L	0.0494	4.898	mg/L	0.0988	2.02%
Sn 189.927†	-12.7	0.00230	mg/L	0.000536	0.00461	mg/L	0.001072	23.28%
Sr 421.552†	272615.2	0.2972	mg/L	0.00122	0.5945	mg/L	0.00245	0.41%
Ti 334.903†	280174.6	7.655	mg/L	0.0124	15.31	mg/L	0.025	0.16%
Tl 190.801†	-9.0	0.01797	mg/L	0.003090	0.03595	mg/L	0.006180	17.19%
V 292.402†	50381.0	0.4486	mg/L	0.00293	0.8973	mg/L	0.00585	0.65%
Zn 206.200†	9564.7	1.846	mg/L	0.0431	3.692	mg/L	0.0863	2.34%

Sequence No.: 32
Sample ID: PB98 FSPK SWC

Dilution: 2X

Autosampler Location: 329
Date Collected: 6/16/2009 11:54:43 AM
Data Type: Original

Nebulizer Parameters: PB98 FSPK SWC

Analyte	Back Pressure	Flow
All	225.0 kPa	0.75 L/min

Mean Data: PB98 FSPK SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1964644.9	98.61	%	0.384				0.39%
ScR 361.383	597782.6	99.93	%	1.641				1.64%
Ag 328.068†	109044.0	0.5060	mg/L	0.00124	1.012	mg/L	0.0025	0.24%
Al 308.215†	184135.4	99.99	mg/L	0.160	200.0	mg/L	0.32	0.16%
As 188.979†	2237.7	2.217	mg/L	0.0074	4.435	mg/L	0.0148	0.33%
B 249.677†	26.0	0.00146	mg/L	0.002362	0.00291	mg/L	0.004724	162.09%
Ba 233.527†	33527.1	2.430	mg/L	0.0467	4.861	mg/L	0.0934	1.92%
Be 313.042†	489412.6	0.5098	mg/L	0.00169	1.020	mg/L	0.0034	0.33%
Ca 317.933†	997951.7	62.63	mg/L	0.326	125.3	mg/L	0.65	0.52%
Cd 228.802†	11198.4	0.5275	mg/L	0.00317	1.055	mg/L	0.0063	0.60%
Co 228.616†	17218.9	0.5662	mg/L	0.00169	1.132	mg/L	0.0034	0.30%
Cr 267.716†	10959.0	0.7978	mg/L	0.01460	1.596	mg/L	0.0292	1.83%
Cu 324.752†	211015.2	0.8651	mg/L	0.00074	1.730	mg/L	0.0015	0.09%
Fe 273.955†	515473.9	283.7	mg/L	0.87	567.5	mg/L	1.73	0.30%
K 766.490†	32802.1	16.23	mg/L	0.027	32.46	mg/L	0.054	0.17%
Mg 279.077†	76872.5	52.06	mg/L	0.938	104.1	mg/L	1.88	1.80%
Mn 257.610†	317012.8	3.012	mg/L	0.0061	6.024	mg/L	0.0122	0.20%
Mo 202.031†	253.2	0.01443	mg/L	0.000161	0.02886	mg/L	0.000321	1.11%
Na 589.592†	238109.2	16.50	mg/L	0.051	33.00	mg/L	0.101	0.31%
Na 330.237†	857.8	17.88	mg/L	0.669	35.76	mg/L	1.337	3.74%
Ni 231.604†	3089.3	0.6460	mg/L	0.01381	1.292	mg/L	0.0276	2.14%
Pb 220.353†	15191.5	2.270	mg/L	0.0089	4.541	mg/L	0.0178	0.39%
Sb 206.836†	98.6	0.03271	mg/L	0.002149	0.06542	mg/L	0.004298	6.57%
Se 196.026†	2585.1	1.961	mg/L	0.0070	3.922	mg/L	0.0141	0.36%
Si 288.158†	3378.1	1.529	mg/L	0.0269	3.058	mg/L	0.0539	1.76%
Sn 189.927†	33.4	0.01144	mg/L	0.000576	0.02289	mg/L	0.001153	5.04%
Sr 421.552†	706082.6	0.7698	mg/L	0.00406	1.540	mg/L	0.0081	0.53%
Ti 334.903†	265238.4	7.245	mg/L	0.0467	14.49	mg/L	0.093	0.64%
Tl 190.801†	3152.8	1.934	mg/L	0.0071	3.867	mg/L	0.0142	0.37%
V 292.402†	101535.8	0.9158	mg/L	0.00237	1.832	mg/L	0.0047	0.26%
Zn 206.200†	16305.2	3.148	mg/L	0.0591	6.296	mg/L	0.1182	1.88%

Sequence No.: 33
Sample ID: PB44R F SWC

Autosampler Location: 330
Date Collected: 6/16/2009 11:57:16 AM
Data Type: Original

Dilution: 10X

Nebulizer Parameters: PB44R F SWC

Analyte	Back Pressure	Flow
All	225.0 kPa	0.75 L/min

Mean Data: PB44R F SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	1969954.1	98.87	%	1.168				1.18%
ScR 361.383	599798.6	100.3	%	2.77				2.77%
Ag 328.068†	-57.4	-0.00027	mg/L	0.000101	-0.00269	mg/L	0.001009	37.46%
Al 308.215†	26132.7	14.19	mg/L	0.035	141.9	mg/L	0.35	0.25%
As 188.979†	46.2	0.03984	mg/L	0.003076	0.3984	mg/L	0.03076	7.72%
B 249.677†	276.2	0.02552	mg/L	0.000916	0.2552	mg/L	0.00916	3.59%
Ba 233.527†	642.5	0.03890	mg/L	0.001282	0.3890	mg/L	0.01282	3.30%
Be 313.042†	537.3	0.00038	mg/L	0.000061	0.00382	mg/L	0.000607	15.91%
Ca 317.933†	106987.9	6.714	mg/L	0.0283	67.14	mg/L	0.283	0.42%
Cd 228.802†	39.3	0.00036	mg/L	0.000238	0.00357	mg/L	0.002385	66.79%
Co 228.616†	791.1	0.02510	mg/L	0.000100	0.2510	mg/L	0.00100	0.40%
Cr 267.716†	1295.3	0.09988	mg/L	0.002051	0.9988	mg/L	0.02051	2.05%
Cu 324.752†	41484.5	0.1762	mg/L	0.00019	1.762	mg/L	0.0019	0.11%
Fe 273.955†	253326.0	139.4	mg/L	0.80	1394	mg/L	8.0	0.57%
K 766.490†	2655.6	1.314	mg/L	0.0086	13.14	mg/L	0.086	0.65%
Mg 279.077†	13087.5	8.831	mg/L	0.0314	88.31	mg/L	0.314	0.36%
Mn 257.610†	144566.8	1.374	mg/L	0.0024	13.74	mg/L	0.024	0.17%
Mo 202.031†	140.7	0.00832	mg/L	0.000099	0.08325	mg/L	0.000994	1.19%
Na 589.592†	38442.6	2.664	mg/L	0.0067	26.64	mg/L	0.067	0.25%
Na 330.237†	141.3	3.096	mg/L	0.1988	30.96	mg/L	1.988	6.42%
Ni 231.604†	361.2	0.07562	mg/L	0.001761	0.7562	mg/L	0.01761	2.33%
Pb 220.353†	96.0	0.00693	mg/L	0.001212	0.06926	mg/L	0.012121	17.50%
Sb 206.836†	32.3	0.01218	mg/L	0.002129	0.1218	mg/L	0.02129	17.47%
Se 196.026†	-23.7	-0.00073	mg/L	0.004223	-0.00733	mg/L	0.042227	576.14%
Si 288.158†	610.9	0.2762	mg/L	0.00968	2.762	mg/L	0.0968	3.51%
Sn 189.927†	74.8	0.01524	mg/L	0.000967	0.1524	mg/L	0.00967	6.35%
Sr 421.552†	77219.2	0.08419	mg/L	0.000071	0.8419	mg/L	0.00071	0.08%
Ti 334.903†	30057.7	0.8211	mg/L	0.00184	8.211	mg/L	0.0184	0.22%
Tl 190.801†	-18.1	0.00911	mg/L	0.003053	0.09115	mg/L	0.030529	33.49%
V 292.402†	6255.6	0.05097	mg/L	0.000364	0.5097	mg/L	0.00364	0.71%
Zn 206.200†	384.4	0.07417	mg/L	0.001086	0.7417	mg/L	0.01086	1.46%

Sequence No.: 34
Sample ID: PB44R G SWC

Autosampler Location: 331
Date Collected: 6/16/2009 12:00:45 PM
Data Type: Original

Dilution: 5X

Nebulizer Parameters: PB44R G SWC

Analyte	Back Pressure	Flow
All	224.0 kPa	0.75 L/min

Mean Data: PB44R G SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1967882.9	98.77	%	0.756				0.77%
ScR 361.383	615385.6	102.9	%	3.22				3.13%
Ag 328.068†	-84.7	-0.00035	mg/L	0.000102	-0.00175	mg/L	0.000510	29.22%
Al 308.215†	169630.2	92.13	mg/L	0.206	460.6	mg/L	1.03	0.22%
As 188.979†	96.9	0.05421	mg/L	0.006284	0.2710	mg/L	0.03142	11.59%
B 249.677†	141.4	0.01298	mg/L	0.001223	0.06488	mg/L	0.006117	9.43%
Ba 233.527†	1031.6	0.06937	mg/L	0.001401	0.3468	mg/L	0.00701	2.02%
Be 313.042†	1536.8	0.00080	mg/L	0.000073	0.00400	mg/L	0.000365	9.12%
Ca 317.933†	721074.6	45.25	mg/L	0.078	226.3	mg/L	0.39	0.17%
Cd 228.802†	4.7	-0.00117	mg/L	0.000156	-0.00584	mg/L	0.000781	13.38%
Co 228.616†	1924.9	0.05495	mg/L	0.000698	0.2748	mg/L	0.00349	1.27%
Cr 267.716†	1270.8	0.09424	mg/L	0.000831	0.4712	mg/L	0.00416	0.88%
Cu 324.752†	50798.3	0.2098	mg/L	0.00102	1.049	mg/L	0.0051	0.49%
Fe 273.955†	191000.9	105.1	mg/L	0.78	525.7	mg/L	3.90	0.74%
K 766.490†	10064.2	4.979	mg/L	0.0362	24.90	mg/L	0.181	0.73%
Mg 279.077†	57109.6	38.71	mg/L	0.086	193.5	mg/L	0.43	0.22%
Mn 257.610†	200169.0	1.901	mg/L	0.0030	9.506	mg/L	0.0151	0.16%
Mo 202.031†	63.2	0.00328	mg/L	0.000288	0.01639	mg/L	0.001442	8.80%
Na 589.592†	262593.1	18.20	mg/L	0.053	90.99	mg/L	0.264	0.29%
Na 330.237†	884.7	19.41	mg/L	0.471	97.06	mg/L	2.356	2.43%
Ni 231.604†	524.5	0.1098	mg/L	0.00243	0.5489	mg/L	0.01216	2.22%
Pb 220.353†	-63.2	0.00157	mg/L	0.001401	0.00784	mg/L	0.007005	89.33%
Sb 206.836†	40.5	0.01609	mg/L	0.001461	0.08045	mg/L	0.007305	9.08%
Se 196.026†	-12.4	0.00199	mg/L	0.005912	0.00996	mg/L	0.029562	296.77%
Si 288.158†	735.7	0.3326	mg/L	0.00777	1.663	mg/L	0.0389	2.34%
Sn 189.927†	-22.7	-0.00099	mg/L	0.000448	-0.00497	mg/L	0.002239	45.04%
Sr 421.552†	237188.2	0.2586	mg/L	0.00113	1.293	mg/L	0.0056	0.44%
Ti 334.903†	193221.4	5.278	mg/L	0.0226	26.39	mg/L	0.113	0.43%
Tl 190.801†	12.4	0.01806	mg/L	0.000556	0.09029	mg/L	0.002778	3.08%
V 292.402†	27999.5	0.2492	mg/L	0.00184	1.246	mg/L	0.0092	0.74%
Zn 206.200†	2038.1	0.3929	mg/L	0.00674	1.965	mg/L	0.0337	1.72%

Sequence No.: 35
Sample ID: PB44R H SWC

Autosampler Location: 332
Date Collected: 6/16/2009 12:04:15 PM
Data Type: Original

Dilution: 5X

Nebulizer Parameters: PB44R H SWC

Analyte	Back Pressure	Flow
All	225.0 kPa	0.75 L/min

Mean Data: PB44R H SWC

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1950168.3	97.88	%	0.512				0.52%
ScR 361.383	603070.0	100.8	%	1.95				1.93%
Ag 328.068†	-159.9	-0.00070	mg/L	0.000265	-0.00351	mg/L	0.001327	37.83%
Al 308.215†	167133.2	90.77	mg/L	0.325	453.9	mg/L	1.63	0.36%
As 188.979†	125.7	0.06971	mg/L	0.000884	0.3486	mg/L	0.00442	1.27%
B 249.677†	226.1	0.02082	mg/L	0.000236	0.1041	mg/L	0.00118	1.14%
Ba 233.527†	1163.3	0.07918	mg/L	0.000915	0.3959	mg/L	0.00458	1.16%
Be 313.042†	1744.0	0.00107	mg/L	0.000034	0.00536	mg/L	0.000168	3.14%
Ca 317.933†	1037037.6	65.08	mg/L	0.126	325.4	mg/L	0.63	0.19%
Cd 228.802†	-1.0	-0.00152	mg/L	0.000233	-0.00762	mg/L	0.001167	15.31%
Co 228.616†	1814.4	0.05229	mg/L	0.000283	0.2614	mg/L	0.00142	0.54%
Cr 267.716†	1598.2	0.1176	mg/L	0.00027	0.5881	mg/L	0.00135	0.23%
Cu 324.752†	48307.7	0.1999	mg/L	0.00130	0.9995	mg/L	0.00652	0.65%
Fe 273.955†	188618.5	103.8	mg/L	0.26	519.1	mg/L	1.31	0.25%
K 766.490†	9064.7	4.485	mg/L	0.0336	22.42	mg/L	0.168	0.75%
Mg 279.077†	56136.6	38.05	mg/L	0.119	190.2	mg/L	0.59	0.31%
Mn 257.610†	172724.1	1.640	mg/L	0.0057	8.202	mg/L	0.0284	0.35%
Mo 202.031†	71.9	0.00359	mg/L	0.000452	0.01794	mg/L	0.002261	12.60%
Na 589.592†	251875.8	17.46	mg/L	0.017	87.28	mg/L	0.086	0.10%
Na 330.237†	882.4	19.09	mg/L	0.151	95.45	mg/L	0.756	0.79%
Ni 231.604†	599.9	0.1256	mg/L	0.00080	0.6278	mg/L	0.00398	0.63%
Pb 220.353†	-73.4	0.00048	mg/L	0.001015	0.00240	mg/L	0.005075	211.42%
Sb 206.836†	48.3	0.01884	mg/L	0.002387	0.09420	mg/L	0.011936	12.67%
Se 196.026†	-7.6	0.00543	mg/L	0.008726	0.02715	mg/L	0.043632	160.72%
Si 288.158†	1168.6	0.5282	mg/L	0.00362	2.641	mg/L	0.0181	0.68%
Sn 189.927†	-25.5	-0.00126	mg/L	0.001521	-0.00632	mg/L	0.007607	120.39%
Sr 421.552†	331074.9	0.3610	mg/L	0.00048	1.805	mg/L	0.0024	0.13%
Ti 334.903†	172422.5	4.705	mg/L	0.0169	23.52	mg/L	0.085	0.36%
Tl 190.801†	18.5	0.01992	mg/L	0.001274	0.09959	mg/L	0.006371	6.40%
V 292.402†	26117.3	0.2324	mg/L	0.00123	1.162	mg/L	0.0062	0.53%
Zn 206.200†	1063.1	0.2044	mg/L	0.00095	1.022	mg/L	0.0047	0.46%

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Analysis Begun

Start Time: 6/16/2009 12:08:29 PM **Plasma On Time: 6/16/2009 8:35:58 AM**
Logged In Analyst: metals **Technique: ICP Continuous**
Spectrometer Model: Optima 7300 DV, S/N 077C8121202 **Autosampler Model: AS-93plus**

Sample Information File: C:\pe\metals\Sample Information\CRISET2.sif
Batch ID:
Results Data Set: I2090616
Results Library: C:\pe\metals\Results\Results.mdb

==========

Sequence No.: 1 **Autosampler Location: 7**
Sample ID: CV 5 **Date Collected: 6/16/2009 12:08:30 PM**
Data Type: Original

Dilution: 1X

Nebulizer Parameters: CV

Analyte	Back Pressure	Flow
All	225.0 kPa	0.75 L/min

Mean Data: CV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
ScA 357.253	1997928.1	100.3	%	0.27				0.27%
ScR 361.383	602786.5	100.8	%	0.54				0.54%
Ag 328.068†	213560.9	0.9909	mg/L	0.00420	0.9909	mg/L	0.00420	0.42%
Al 308.215†	3798.2	2.030	mg/L	0.0412	2.030	mg/L	0.0412	2.03%
As 188.979†	2002.8	2.036	mg/L	0.0125	2.036	mg/L	0.0125	0.61%
B 249.677†	11068.9	1.023	mg/L	0.0100	1.023	mg/L	0.0100	0.98%
Ba 233.527†	14218.8	1.037	mg/L	0.0178	1.037	mg/L	0.0178	1.72%
Be 313.042†	997683.5	1.042	mg/L	0.0082	1.042	mg/L	0.0082	0.79%
Ca 317.933†	34497.2	2.165	mg/L	0.0247	2.165	mg/L	0.0247	1.14%
Cd 228.802†	21722.4	1.046	mg/L	0.0029	1.046	mg/L	0.0029	0.28%
Co 228.616†	30831.2	1.037	mg/L	0.0040	1.037	mg/L	0.0040	0.38%
Cr 267.716†	14553.5	1.043	mg/L	0.0141	1.043	mg/L	0.0141	1.36%
Cu 324.752†	250998.7	1.007	mg/L	0.0044	1.007	mg/L	0.0044	0.44%
Fe 273.955†	3701.1	2.022	mg/L	0.0226	2.022	mg/L	0.0226	1.12%
K 766.490†	39772.2	19.68	mg/L	0.139	19.68	mg/L	0.139	0.70%
Mg 279.077†	3085.3	2.098	mg/L	0.0209	2.098	mg/L	0.0209	1.00%
Mn 257.610†	106230.5	1.010	mg/L	0.0065	1.010	mg/L	0.0065	0.64%
Mo 202.031†	16344.8	0.9752	mg/L	0.00331	0.9752	mg/L	0.00331	0.34%
Na 589.592†	723735.7	50.16	mg/L	0.170	50.16	mg/L	0.170	0.34%
Na 330.237†	2424.8	51.89	mg/L	0.407	51.89	mg/L	0.407	0.79%
Ni 231.604†	4865.6	1.020	mg/L	0.0228	1.020	mg/L	0.0228	2.24%
Pb 220.353†	13603.0	2.034	mg/L	0.0070	2.034	mg/L	0.0070	0.34%
Sb 206.836†	4876.1	1.975	mg/L	0.0065	1.975	mg/L	0.0065	0.33%
Se 196.026†	2673.3	1.994	mg/L	0.0124	1.994	mg/L	0.0124	0.62%
Si 288.158†	4624.1	2.096	mg/L	0.0262	2.096	mg/L	0.0262	1.25%
Sn 189.927†	5090.8	1.004	mg/L	0.0045	1.004	mg/L	0.0045	0.45%
Sr 421.552†	963267.1	1.050	mg/L	0.0009	1.050	mg/L	0.0009	0.09%
Ti 334.903†	37708.1	1.029	mg/L	0.0078	1.029	mg/L	0.0078	0.76%
Tl 190.801†	3344.6	2.012	mg/L	0.0078	2.012	mg/L	0.0078	0.39%
V 292.402†	110349.4	1.014	mg/L	0.0042	1.014	mg/L	0.0042	0.41%
Zn 206.200†	5546.9	1.071	mg/L	0.0175	1.071	mg/L	0.0175	1.63%

Sequence No.: 2
Sample ID: CB S

Autosampler Location: 1
Date Collected: 6/16/2009 12:11:03 PM
Data Type: Original

Dilution: 1X

Nebulizer Parameters: CB

Analyte	Back Pressure	Flow
All	224.0 kPa	0.75 L/min

Mean Data: CB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
ScA 357.253	2029870.8	101.9	%	0.57				0.56%
ScR 361.383	608813.5	101.8	%	0.61				0.60%
Ag 328.068†	42.5	0.00020	mg/L	0.000276	0.00020	mg/L	0.000276	139.92%
Al 308.215†	17.7	0.00960	mg/L	0.003571	0.00960	mg/L	0.003571	37.18%
As 188.979†	2.7	0.00279	mg/L	0.001166	0.00279	mg/L	0.001166	41.82%
B 249.677†	12.5	0.00115	mg/L	0.000805	0.00115	mg/L	0.000805	69.86%
Ba 233.527†	8.9	0.00065	mg/L	0.000384	0.00065	mg/L	0.000384	58.91%
Be 313.042†	100.6	0.00010	mg/L	0.000027	0.00010	mg/L	0.000027	26.58%
Ca 317.933†	35.0	0.00220	mg/L	0.001366	0.00220	mg/L	0.001366	62.20%
Cd 228.802†	8.8	0.00041	mg/L	0.000507	0.00041	mg/L	0.000507	123.47%
Co 228.616†	24.2	0.00081	mg/L	0.000695	0.00081	mg/L	0.000695	85.29%
Cr 267.716†	-3.4	-0.00024	mg/L	0.000514	-0.00024	mg/L	0.000514	210.60%
Cu 324.752†	234.7	0.00094	mg/L	0.000558	0.00094	mg/L	0.000558	59.27%
Fe 273.955†	8.7	0.00477	mg/L	0.002316	0.00477	mg/L	0.002316	48.53%
K 766.490†	-27.0	-0.01337	mg/L	0.023154	-0.01337	mg/L	0.023154	173.17%
Mg 279.077†	6.3	0.00425	mg/L	0.008892	0.00425	mg/L	0.008892	209.31%
Mn 257.610†	17.6	0.00017	mg/L	0.000043	0.00017	mg/L	0.000043	25.81%
Mo 202.031†	10.1	0.00060	mg/L	0.000589	0.00060	mg/L	0.000589	97.53%
Na 589.592†	111.3	0.00771	mg/L	0.000901	0.00771	mg/L	0.000901	11.68%
Na 330.237†	1.3	0.02774	mg/L	0.319082	0.02774	mg/L	0.319082	>999.9%
Ni 231.604†	3.8	0.00080	mg/L	0.000335	0.00080	mg/L	0.000335	41.94%
Pb 220.353†	4.5	0.00067	mg/L	0.000705	0.00067	mg/L	0.000705	105.44%
Sb 206.836†	6.0	0.00244	mg/L	0.001315	0.00244	mg/L	0.001315	53.81%
Se 196.026†	4.3	0.00320	mg/L	0.003255	0.00320	mg/L	0.003255	101.87%
Si 288.158†	2.0	0.00093	mg/L	0.002811	0.00093	mg/L	0.002811	302.59%
Sn 189.927†	5.7	0.00113	mg/L	0.000729	0.00113	mg/L	0.000729	64.43%
Sr 421.552†	40.2	0.00004	mg/L	0.000015	0.00004	mg/L	0.000015	33.48%
Ti 334.903†	-14.5	-0.00040	mg/L	0.000165	-0.00040	mg/L	0.000165	41.44%
Tl 190.801†	3.7	0.00226	mg/L	0.003603	0.00226	mg/L	0.003603	159.74%
V 292.402†	91.6	0.00084	mg/L	0.000627	0.00084	mg/L	0.000627	74.89%
Zn 206.200†	-6.9	-0.00133	mg/L	0.000847	-0.00133	mg/L	0.000847	63.67%

6-16-09

Mercury Analysis Log

Analyst: MH

Instrument: CETAC

Date: 6-12-09

Page: 1 of 4

ARI Sample ID	Prep Code	Dilution	QC Data (ppb)	Comments	
STD 0.0	SMM	1x			
" 0.1					
" 0.5					
" 1.0					
" 2.0					
" 5.0					
" 10.0					
ICV			8.03	%R = 100 Begin CLP	✓
ICB			-0.02		✓
CCV1			4.01	%R = 100	✓
CCB1			-0.01		✓
CRA			0.09		✓
PB63 MB1			-0.02		✓
" MB1SPK			2.13	%R = 107	✓
" A			0.27		
" ADUP			0.39	RPD = 36.4 High	X
" ASPK			~~1.3~~ 1.32 MH 6-12-09	%R = 105	✓
" B					
" C					
" D					
" E					
CCV2			4.03	%R = 101	✓
CCB2			-0.01		✓
PB63 F					
" G					
" H					
" I					
CCV3			4.08	%R = 102	✓
CCB3			-0.02		✓
PB44 MB1	↓	↓	-0.01		✓

Delete Confirmed

Chemical/Reagent ID:

10% $SnCl_2$: MP1695

14% NH_2OH/NaCl: MP1672

Standard ID:

Standard: 2616-1

ICV/CCV: 48-6

•All corrections by MH
6/12/09

Mercury Analysis Log

Analyst: MH
Instrument: CETAC

Date: 6-12-09
Page: 2 of 4

ARI Sample ID	Prep Code	Dilution	QC Data (ppb)	Comments	
PB44 MBISPIC	SMM	1x	1.96	%R=98	✓
" A			0.10		
" ADUP			0.05	No RPD-Undetected	✓
" ASPK			1.16	%R=116	✓
" B					
" C					
" D					
" E					
" F					
CCV4			4.14	%R=104	✓
CCB4			-0.01		✓
PB44 G					
" H					
" I					
" J					
" K					
" L					
" M					
" N					
" ~~O~~					
PB63 A			0.27		
CCV5		~~4.27~~	4.22	%R=106	✓
CCB5		~~0.01~~	-0.01		✓
PB63 ADUP			0.35		✓
" ASPK			1.28	%R=101	✓
CCV6			4.14	%R=104	✓
CCB6			~~-0.01~~	End CLP	✓
PB96 MB			-0.00		✓
" MBSPK			2.04	%R=102	✓
" A	↓	↓			

Chemical/Reagent ID:
10% $SnCl_2$: MP1695
14% NH_2OH/NaCl: MP1672 6/12/09
Standard ID:
Standard: 2616-1
ICV/CCV: 48-6

ANALYTICAL RESOURCES INCORPORATED

Metals Data Review Checklist

Method: ICP ICP-MS GFA (CVA)

Analysis Date: 6-12-09

	Analyst MH 6-12	Peer BW 6/12	Comment
Logbook:			
Analyst, Date, Method info	✓	✓	
Sample ID's	✓	✓	
Standard/QC solution ID's recorded	✓	✓	
Prep codes	✓	✓	
Dilution factors	✓	✓	
Crossouts/Corrections/Deletions	✓	✓	
Calibration:			
Blank & Standard intensities	✓	✓	
Standard deviations	✓	✓	
Curve fit	✓	✓	
Calibration Verification:			
ICV/CCV	✓	✓	
ICB/CCB	✓	✓	
Samples:			
RSD's & SD's	✓	✓	
Internal Standards	—	—	
Carry-over	—	—	
Method QC:			
CRI/CRA	✓	✓	
ICSA/ICSAB	—	—	
Post Spikes/Serial Dilutions	—	—	
Analytic Spikes	—	—	
Matrix QC:			
SRM/LCS	✓	✓	
Matrix Spikes	✓	✓	
Matrix Duplicates	✓	✓	
Method Blanks	✓	✓	
Data Distribution:			
Requested elements/isotope identified	✓	✓	
Correct samples identified for distribution	✓	✓	
Raw data match distributed data	✓	✓	
Data filename correct	✓	✓	
Necessary Analysts Notes and CAF's	✓	✓	PB98

CETAC Hg Analysis Report - 09061200.DB - Friday, June 12, 2009, 2:07:46 PM

Analyst
Date Started Friday, June 12, 2009, 10:15:41
Worksheet ARI 10ppb CALIB
Comment

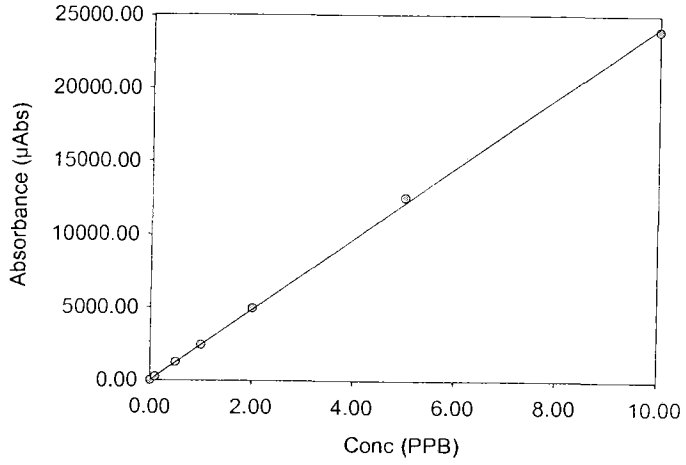
low 6.12

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
Std Tube 6	12-Jun-2009, 10:15	10.00	0.03	23700.00	1.00	

Information about this calibration could not be retrieved from the Master File.

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
Calibration Zero	12-Jun-2009, 10:17	0.00	25.80	3.47	1.00	
Standard #1	12-Jun-2009, 10:19	0.10	0.80	254.00	1.00	
Standard #2	12-Jun-2009, 10:21	0.50	0.24	1250.00	1.00	
Standard #3	12-Jun-2009, 10:22	1.00	0.12	2440.00	1.00	
Standard #4	12-Jun-2009, 10:24	2.00	0.04	4960.00	1.00	
Standard #5	12-Jun-2009, 10:26	5.00	0.14	12500.00	1.00	
Standard #6	12-Jun-2009, 10:27	10.00	0.05	24000.00	1.00	

Calibration Data



Int.	0.000
Slope	2421.983
Correlation	0.99977

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
ICV	12-Jun-2009, 10:46	8.03	0.02	19500.00	1.00	Begin CLP
ICB	12-Jun-2009, 10:48	-0.02	4.10	-44.30	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	12-Jun-2009, 10:49	4.01	0.05	9710.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	12-Jun-2009, 10:51	-0.01	22.80	-15.60	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
CRA	12-Jun-2009, 10:53	0.09	1.04	222.00	1.00	
PB63 MB1 SMM	12-Jun-2009, 10:54	-0.02	8.40	-38.20	1.00	
PB63 MB1SPK SMM	12-Jun-2009, 10:56	2.13	0.09	5170.00	1.00	
PB63 A SMM	12-Jun-2009, 10:58	0.27	0.24	652.00	1.00	
PB63 ADUP SMM	12-Jun-2009, 10:59	0.39	0.60	948.00	1.00	X High RPD
PB63 ASPK SMM	12-Jun-2009, 11:01	1.32	0.15	3200.00	1.00	
PB63 B SMM	12-Jun-2009, 11:02	0.23	0.37	561.00	1.00	
PB63 C SMM	12-Jun-2009, 11:04	0.27	0.19	652.00	1.00	
PB63 D SMM	12-Jun-2009, 11:06	0.06	1.03	146.00	1.00	
PB63 E SMM	12-Jun-2009, 11:07	0.19	0.88	456.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	12-Jun-2009, 11:09	4.03	0.49	9750.00	1.00	

CETAC Hg Analysis Report - 09061200.DB - Friday, June 12, 2009, 2:07:46 PM

Analyst
Date Started Friday, June 12, 2009, 11:11:06
Worksheet ARI 10ppb CALIB
Comment

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	12-Jun-2009, 11:11	-0.01	4.28	-29.60	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
PB63 F SMM	12-Jun-2009, 11:12	0.18	0.28	425.00	1.00	
PB63 G SMM	12-Jun-2009, 11:14	0.04	1.72	99.00	1.00	
PB63 H SMM	12-Jun-2009, 11:15	0.25	0.24	596.00	1.00	
PB63 I SMM	12-Jun-2009, 11:17	0.33	0.23	810.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	12-Jun-2009, 11:19	4.08	0.52	9890.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	12-Jun-2009, 11:20	-0.02	8.05	-37.40	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
PB44 MB1 SMM	12-Jun-2009, 11:22	-0.01	18.80	-13.10	1.00	
PB44 MB1SPK SMM	12-Jun-2009, 11:24	1.96	0.03	4740.00	1.00	
PB44 A SMM	12-Jun-2009, 11:26	0.10	0.57	230.00	1.00	
PB44 ADUP SMM	12-Jun-2009, 11:27	0.05	3.12	132.00	1.00	
PB44 ASPK SMM	12-Jun-2009, 11:29	1.16	0.17	2800.00	1.00	
PB44 B SMM	12-Jun-2009, 11:30	0.06	1.07	153.00	1.00	
PB44 C SMM	12-Jun-2009, 11:32	0.14	0.48	328.00	1.00	
PB44 D SMM	12-Jun-2009, 11:34	0.26	0.32	625.00	1.00	
PB44 E SMM	12-Jun-2009, 11:35	0.19	1.04	450.00	1.00	
PB44 F SMM	12-Jun-2009, 11:37	0.22	0.48	532.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	12-Jun-2009, 11:38	4.14	0.13	10000.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	12-Jun-2009, 11:40	-0.01	14.20	-13.30	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
PB44 G SMM	12-Jun-2009, 11:42	0.06	1.93	148.00	1.00	
PB44 H SMM	12-Jun-2009, 11:43	0.08	1.61	195.00	1.00	
PB44 I SMM	12-Jun-2009, 11:45	0.10	1.35	242.00	1.00	
PB44 J SMM	12-Jun-2009, 11:47	0.17	1.18	409.00	1.00	
PB44 K SMM	12-Jun-2009, 11:48	0.26	0.30	636.00	1.00	
PB44 L SMM	12-Jun-2009, 11:50	0.23	0.42	562.00	1.00	
PB44 M SMM	12-Jun-2009, 11:51	0.24	0.17	584.00	1.00	
PB44 N SMM	12-Jun-2009, 11:53	0.24	0.34	583.00	1.00	
PB44 O SMM	12-Jun-2009, 11:55	0.24	0.44	576.00	1.00	
PB63 A SMM	12-Jun-2009, 11:56	0.27	0.37	652.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Standard	12-Jun-2009, 11:58	4.22	0.46	10200.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
QC Blank	12-Jun-2009, 12:00	-0.01	3.11	-27.00	1.00	

Sample ID	Analysis Time	Conc (PPB)	%RSD	Avg. µAbs	Dilution	Flags
PB63 ADUP SMM	12-Jun-2009, 12:01	0.35	0.29	850.00	1.00	
PB63 ASPK SMM	12-Jun-2009, 12:03	1.28	0.13	3090.00	1.00	

Mercury Standard Prep Log

Prep Code: SMM
Analyst: DM
Bath Temp: 95°C
Start Time: 1750
Instrument: CETAC
Date: 6-09-09
End Time: 1820

Standard ID	Stock ID	Volume Added (mL)	Final Volume (mL)	Standard Conc. (µg/L)	Number Made
STD0	—	0.00	50.0	0.0	3
STD1	2615-15	0.01		0.1	2
STD2		0.05		0.5	2
STD3		0.10		1.0	2
STD4		0.20		2.0	2
STD5		0.50		5.0	2
STD6		1.00		10.0	2
CRA		0.01		0.1	1
ICB/CCB	—	0.00		0.0	3
ICV/LCS	48-6	0.08		8.0	2
CCV	↓	0.04	50.0	4.0	3

Chemical/Reagent ID:

HNO_3: I4674
H_2SO_4: I4680
HCl: —
5% $K_2S_2O_8$: MP1670
5% $KMnO_4$: MP1671

Prep Code: SMM
Analyst: MH
Bath Temp: 95°C
Start Time: 1320
Instrument: CETAC
Date: 6-11-09
End Time: 1350

Standard ID	Stock ID	Volume Added (mL)	Final Volume (mL)	Standard Conc. (µg/L)	Number Made
STD0	—	0.00	50.0	0.0	3
STD1	2616-1	0.01		0.1	2
STD2		0.05		0.5	2
STD3		0.10		1.0	2
STD4		0.20		2.0	2
STD5		0.50		5.0	2
STD6		1.00		10.0	2
CRA	↓	0.01		0.1	1
ICB/CCB	—	0.00		0.0	3
ICV/LCS	48-6	0.08		8.0	2
CCV	↓	0.04	50.0	4.0	3

Chemical/Reagent ID:

HNO_3: I4674
H_2SO_4: I4680
HCl: —
5% $K_2S_2O_8$: MP1670
5% $KMnO_4$: MP1671

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Mercury Digestion Log

Prep Code: SMM
Analyst: DM
Bath Temp: 95°C
Start Time: 1940
Matrix: Soil
Date: 6-10-09
End Time: 2010

ARI Sample ID	Sample Bottle #	BOD Bottle #	pH<2	Initial Weight (g) ~~Volume (mL)~~	Final Volume (mL)	# $KMnO_4$ Aliquots	CL P	Comments
PB44 A	5	—	—	0.278	50.0	6/9 1	Y	
" ADUP	5	—	—	0.279		1		
" ASPK	5	—	—	0.278		1		
" B	5	—	—	0.206		1		
" C	5	—	—	0.287		1		
" D	5	—	—	0.284		1		
" E	5	—	—	0.211		1		
" F	5	—	—	0.276		1		
" G	3	—	—	0.292		1		
" H	3	—	—	0.250		1		
" I	3	—	—	0.262		1		
" J	3	—	—	0.292		1		
" K	3	—	—	0.245		1		
" L	3	—	—	0.209		1		
" M	3	—	—	0.241		1		
" N	3	—	—	0.287		1		
" O	6	—	—	0.270		1		
" MB1	—	—	—	—		1		
" MB1SPK	—	—	—	—	50.0	1	Y	
				6-10-09 DM				

Chemical/Reagent ID:

HNO_3: I4V14
H_2SO_4: I4V60
HCl: —
5% $K_2S_2O_8$: MP1V70
5% $KMnO_4$: MP1V71
Digest Tube Lot: A811G5095

Metals Analysis
Prep Logs

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

SPIKING LOG

Analyst: DM

Date: 6.10.09

Final Volume 50

Final Volume (Hg): 50

Sample ID PB44 ASPK, MBSPK

		Prepcode:	SWC		
		Spike Solution:	ICP Routine	ICP No GFA	GFA
		Standard No.:	2593.2		
		Vol Added (mL):	1.0		
	Ag		50 ✓		2.0
S	Al		200	200	
T	As		200 ✓		10
O	Ba		200	200	
C	Be		50	50	
K	Ca		1000	1000	
	Cd		50 ✓		2.0
	Co		50	50	
C	Cr		50 ✓	50	
O	Cu		50 ✓	50	
N	Fe		200	200	
C	K		1000	1000	
E	Mg		1000	1000	
N	Mn		50	50	
T	Na		1000	1000	
R	Ni		50	50	
A	Pb		200 ✓		10
T	Se		200		10
I	Sr		50	50	
O	Tl		200		10
N	V		50	50	
	Zn		50 ✓	50	

	ICP-MS #1	ICP-MS #2	ICP-MS Minerals
Ag	25		
Al			500
As	25		
Ba	25		
Be	25		
Ca			500
Cd	25		
Co	25		
Cr	25		
Cu	25		
Fe			500
K			500
Mg			500
Mn	25		
Mo		25	
Na			500
Ni	25		
Pb	25		
Sb		25	
Se	80		
Tl	25		
U	25		
V	25		
Zn	80		

Element	Prepcode	Analysis	Stock Conc.	Stock Added	Std No.
Hg	SMM	CVA	1.0	0.05	2545.3
Hg MBSPK	↓	CVA	1.0	0.1	↓
Sb		ICP	2000		
Sb		GFA	100		
B		ICP	500		
Mo		ICP	500		
Si		ICP	10000		
Sn		ICP	500		
Ti		ICP	2000		

Additional Elements:

Element	Prepcode	Analysis	Stock Conc.	Stock Added	Std. No.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

SPIKING LOG

Analyst: JDM

Date: 6-12-09

Final Volume 50

Final Volume (Hg):

Sample ID PB44R ASPK, MB1SPK

		Prepcode:	SNK		
		Spike Solution:	ICP Routine	ICP No GFA	GFA
		Standard No.:	2593-2		
		Vol Added (mL):	1.0		
STOCK CONCENTRATION	Ag		50 ✓		2.0
	Al		200	200	
	As		200 ✓		10
	Ba		200	200	
	Be		50	50	
	Ca		1000	1000	
	Cd		50 ✓		2.0
	Co		50	50	
	Cr		50 ✓	50	
	Cu		50 ✓	50	
	Fe		200	200	
	K		1000	1000	
	Mg		1000	1000	
	Mn		50	50	
	Na		1000	1000	
	Ni		50	50	
	Pb		200 ✓		10
	Se		200		10
	Sr		50	50	
	Tl		200		10
	V		50	50	
	Zn		50 ✓	50	

	ICP-MS #1	ICP-MS #2	ICP-MS Minerals
Ag	25		
Al			500
As	25		
Ba	25		
Be	25		
Ca			500
Cd	25		
Co	25		
Cr	25		
Cu	25		
Fe			500
K			500
Mg			500
Mn	25		
Mo		25	
Na			500
Ni	25		
Pb	25		
Sb		25	
Se	80		
Tl	25		
U	25		
V	25		
Zn	80		

Element	Prepcode	Analysis	Stock Conc.	Stock Added	Std No.
Hg		CVA	1.0		
Hg MBSPK		CVA	1.0		
Sb		ICP	2000		
Sb		GFA	100		
B		ICP	500		
Mo		ICP	500		
Si		ICP	10000		
Sn		ICP	500		
Ti		ICP	2000		

Additional Elements:

Element	Prepcode	Analysis	Stock Conc.	Stock Added	Std. No.

PB44R : 012304

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Digestion Log

Analyst: DM
Matrix: Soil

Date: 6-10-09
Block Temp: 94°C

ARI Sample ID	Btl #	pH<2	Prep Code: SWC Initial Wt (g) ~~Vol (mL)~~	Prep Code: SWC Final Vol (mL)	Prep Code: Initial Wt (g) Vol (mL)	Prep Code: Final Vol (mL)	Comments
PB44 A	5	–	1.086	50.0			
" ADUP	5	–	1.086				
" ASPK	5	–	1.090				
" B	5	–	1.084				
" C	5	–	1.048				
" D	5	–	1.027				
" E	5	–	1.074				
" F	5	–	1.009				
" G	3	–	1.026				
" H	3	–	1.073				
" I	3	–	1.091				
" J	3	–	1.045				
" K	3	–	1.014				
" L	3	–	1.030				
" M	3	–	1.084				
" N	3	–	1.042				
" O	6	–	1.057				
" MB1	–	–	–				
" MB1SPK	–	–	–	50.0			
				6-10-09 DM			

Chemical/Reagent ID:
HNO_3: MP1U88 | I4674 HCl: I4399 H_2O_2: I4647 Tube Lot #: APP1LS267

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Digestion Log

Analyst: DM Date: 6-12-09

Matrix: Soil Block Temp: 90°C

ARI Sample ID	Btl #	pH<2	Prep Code: SW		Prep Code:		Comments
			Initial Wt (g) ~~Vol (mL)~~	Final Vol (mL)	Initial Wt (g) Vol (mL)	Final Vol (mL)	
PB44R A	5	—	1.098	50.0			
" AOUP	5	—	1.097				
" ASPK	5	—	1.096				
" B	5	—	1.068				
" C	5	—	1.052				
" D	5	—	1.014				
" E	5	—	1.022				
" F	5	—	1.002				
" G	3	—	1.058				
" H	3	—	1.060				
" I	3	—	1.065				
" J	3	—	1.078				
" K	3	—	1.043				
" L	3	—	1.030				
" M	3	—	1.024				
" N	3	—	1.056				
" O	3	—	1.067				
" MB1	—	—	—				
" MB1SPK	—	—	—	50.0			
				6-12-09 DM			

Chemical/Reagent ID:

HNO_3: AP1886/I4674 HCl: I4399 H_2O_2: I4647 Tube Lot #: AP0L9267

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Mercury Digestion Log

Prep Code: SMM Matrix: Soil
Analyst: DM Date: 6.10.09
Bath Temp: 95°C Start Time: 1940 End Time: 2010

ARI Sample ID	Sample Bottle #	BOD Bottle #	pH<2	Initial Weight (g) ~~Volume (mL)~~	Final Volume (mL)	# $KMnO_4$ Aliquots	CL P	Comments
PB44 A	5	—	—	0.278	50.0	0/9 1	Y	
" AOVP	5	—	—	0.279		1		
" AFSK	5	—	—	0.278		1		
" B	5	—	—	0.206		1		
" C	5	—	—	0.287		1		
" D	5	—	—	0.284		1		
" E	5	—	—	0.211		1		
" F	5	—	—	0.276		1		
" G	3	—	—	0.292		1		
" H	3	—	—	0.250		1		
" I	3	—	—	0.262		1		
" J	3	—	—	0.292		1		
" K	3	—	—	0.245		1		
" L	3	—	—	0.209		1		
" M	3	—	—	0.241		1		
" N	3	—	—	0.287		1		
" O	6	—	—	0.270		1		
" MB1	—	—	—	—		1		
" MB1SPK	—	—	—	—	50.0	1	Y	
				6.10.09 DM				

Chemical/Reagent ID:

HNO_3: I4674 H_2SO_4: I4660 HCl: —
5% $K_2S_2O_8$: MP1670 5% $KMnO_4$: MP1671 Digest Tube Lot: A81LG095

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Metals Total Solids

Oven in:
Analyst: DM Date: 6-10-09 Time: 1840 Temp: 100°C

Oven out:
Analyst: MH Date: 6/11/09 Time: 1150 Temp: 101°C

ARI Sample ID		Tare Weight (g)	Tare + Sample Wet (g)	Tare + Sample Dry (g)	Comments
PB44	A	0.969	10.865	8.269	
"	B	0.986	10.398	7.706	
"	C	0.984	10.304	7.361	
"	D	0.979	10.729	8.445	
"	E	0.976	10.857	5.786	
"	F	1.000	10.579	6.436	
"	G	0.966	10.549	8.290	
"	H	0.982	10.304	8.505	
"	I	0.981	10.488	8.373	
"	J	1.002	10.421	7.396	
"	K	0.933	10.815	5.914	
"	L	0.984	10.489	5.840	
"	M	0.975	10.950	5.512	
"	N	0.937	10.609	5.652	
"	O	1.007	10.732	6.628	
			6-10-09 DM		

ANALYTICAL
RESOURCES
INCORPORATED

CORRECTIVE ACTIONS - Inorganic Analyses

Criteria Flagged

ARI Project No.: PB44 Client Name: Envir. Sci.

Date of Out-of-Control Event: 6.12.09 Method/Element: ICP

Unacceptable Blank	
Unacceptable Duplicate	
Unacceptable Spike	
Unacceptable Reference	✓

Prep Code: SWC

Other:

Details of Problem/Recommended Corrective Action:

PB44 MBlsdp all low %Rs 72-79%.
run twice

Samples Affected:

Corrective Action Taken:

redo all
SWC
6/12/09

Analyst: Lindsay Tuttle Supervisor:

Date: 6.12.09 Date:

5049F

Rev. 6
10/28/02

ANALYTICAL
RESOURCES
INCORPORATED

CORRECTIVE ACTIONS - Inorganic Analyses

Criteria Flagged

ARI Project No.: PB44R

Client Name: ENVIRONMENTAL SCIENCE

Date of Out-of-Control Event: 6-16-09

Method/Element: ICP

Unacceptable Blank	
Unacceptable Duplicate	✓
Unacceptable Spike	
Unacceptable Reference	

Prep Code: SWC

Other:

Details of Problem/Recommended Corrective Action:

poor RPD's for Cr Pb + Zn

	Cr	Pb	Zn
A	0.1586	0.0645	0.2697
ADup	0.2214	0.1976	0.4280
RPD	33%	98%	45%

Run twice

Samples Affected:

Corrective Action Taken:

Analyst:

Date: 6-17-09

Supervisor:

Date: 6-17-09

5049F

Rev. 6
10/28/02

PB44 : 01240

General Chemistry Analysis
QC Summary Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

MS/MSD RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: PB44A Client ID: 3SED4-A						
N-Ammonia	06/09/09	mg-N/kg	5.09	126	119	101.5%
Sulfide	06/08/09	mg/kg	< 1.44	147	159	92.5%
ARI ID: PB44K Client ID: 3SED7-B						
Total Organic Carbon	06/11/09	Percent	2.51	5.32	2.84	99.0%

REPLICATE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: PB44A Client ID: 3SED4-A					
Preserved Total Solids	06/08/09	Percent	79.60	77.10 78.90	1.6%
N-Ammonia	06/09/09	mg-N/kg	5.09	5.06 5.03	0.6%
Sulfide	06/08/09	mg/kg	< 1.44	< 1.40	NA
ARI ID: PB44K Client ID: 3SED7-B					
Total Solids	06/05/09	Percent	51.00	50.70 50.40	0.6%
Total Volatile Solids	06/05/09	Percent	8.24	7.98 8.17	1.7%
Total Organic Carbon	06/11/09	Percent	2.51	2.44 2.22	6.3%

LAB CONTROL RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
Sulfide	06/08/09	mg/kg	5.91	5.84	101.2%
	06/08/09		5.31	5.84	90.9%
Total Organic Carbon	06/10/09	Percent	0.501	0.500	100.2%
	06/11/09		0.488	0.500	97.6%

METHOD BLANK RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Total Solids	06/05/09	Percent	< 0.01 U
Preserved Total Solids	06/08/09	Percent	< 0.01 U
Total Volatile Solids	06/05/09	Percent	< 0.01 U
N-Ammonia	06/09/09	mg-N/kg	< 0.10 U
Sulfide	06/08/09	mg/kg	< 1.00 U
	06/08/09		< 0.05 U
Total Organic Carbon	06/10/09	Percent	< 0.020 U
	06/11/09		< 0.020 U

STANDARD REFERENCE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
N-Ammonia SPEX 28-24AS	06/09/09	mg-N/kg	104	100	104.0%
Total Organic Carbon	06/10/09	Percent	3.25	3.35	97.0%
NIST #8704	06/11/09		3.07	3.35	91.6%

General Chemistry Analysis
Sample Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED4-A
ARI ID: 09-12787 PB44A

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	78.80
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	79.60
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	1.71
N-Ammonia	06/09/09	EPA 350.1M	mg-N/kg	0.13	5.09
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.44	< 1.44 U
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	1.56

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED4-B
ARI ID: 09-12788 PB44B

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	74.00
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	74.30
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	1.99
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.13	6.93
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.45	1.45
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	0.740

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED4-C
ARI ID: 09-12789 PB44C

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	72.70
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	71.10
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	2.37
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.13	6.96
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	7.74	42.9
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	1.17

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED3-A
ARI ID: 09-12790 PB44D

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	79.50
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	80.70
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	3.23
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.12	0.48
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.29	3.39
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	6.65

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED3-B
ARI ID: 09-12791 PB44E

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	54.20
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	53.70
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	6.04
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.17	4.95
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	9.42	59.2
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	2.06

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED3-C
ARI ID: 09-12792 PB44F

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	52.80
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	58.50
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	7.48
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.19	9.40
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	9.54	67.5
Total Organic Carbon	06/10/09 061009#1	Plumb,1981	Percent	0.020	2.91

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED6-A
ARI ID: 09-12793 PB44G

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	78.10
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	79.10
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	2.71
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.12	1.08
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.28	< 1.28 U
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	0.922

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED6-B
ARI ID: 09-12794 PB44H

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	87.80
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	82.40
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	3.21
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.11	0.11
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.11	< 1.11 U
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	0.289

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED6-C
ARI ID: 09-12795 PB44I

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	84.20
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	77.00
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	3.50
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.12	0.17
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.36	< 1.36 U
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	0.686

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED7-A
ARI ID: 09-12796 PB44J

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	82.40
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	69.50
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	3.59
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.12	2.82
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	1.60	29.2
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	2.20

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED7-B
ARI ID: 09-12797 PB44K

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	51.00
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	49.00
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	8.24
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.18	2.82
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	11.5	82.1
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	2.51

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED7-C
ARI ID: 09-12798 PB44L

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	54.20
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	49.90
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	6.87
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.18	6.23
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	9.60	51.8
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	2.66

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED9-A
ARI ID: 09-12799 PB44M

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	46.10
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	43.80
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	9.36
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.22	11.3
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	43.3	324
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	1.37

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED9-B
ARI ID: 09-12800 PB44N

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	50.60
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	56.40
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	7.39
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.19	6.26
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	38.1	162
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	1.24

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

SAMPLE RESULTS-CONVENTIONALS
PB44-ENVIROMENTAL SCIENCE CORP.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 06/12/09

Project: JELD-WEN NORD DOOR
Event: NA
Date Sampled: 06/04/09
Date Received: 06/04/09

Client ID: 3SED9-C
ARI ID: 09-12801 PB44O

Analyte	Date	Method	Units	RL	Sample
Total Solids	06/05/09 060509#1	EPA 160.3	Percent	0.01	56.00
Preserved Total Solids	06/08/09 060809#1	EPA 160.3	Percent	0.01	47.80
Total Volatile Solids	06/05/09 060509#1	EPA 160.4	Percent	0.01	6.29
N-Ammonia	06/09/09 060909#1	EPA 350.1M	mg-N/kg	0.17	6.88
Sulfide	06/08/09 060809#2	EPA 376.2	mg/kg	48.5	328
Total Organic Carbon	06/11/09 061109#1	Plumb,1981	Percent	0.020	3.98

RL Analytical reporting limit
U Undetected at reported detection limit

Ammonia determined on 2N KCl extracts.

General Chemistry Analysis
Instrument Raw Data

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

W
6-8-09

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/5/2009 18:30

ANALYST: CDE/BL

Batch drying time	*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm	*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/5/2009 18:30 time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/6/2009 9:05 time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs = 14.6		*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID	CV-02	CV-02	CV-02					CV-02	CV-02					
Date & Time	6/5/09 17:00	6/5/09 15:44	6/6/09 9:05					6/6/09 9:20	6/6/09 10:20					
Cal Wt (g) 10.0000	10.0001	10.0002	10.0002					10.0002	10.0002					
record weights to 4 places	*Cal OK!*	*Cal OK!*	*Cal OK!*					*Cal OK!*	*Cal OK!*					

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank		0.0000	1.0736	1.0737			0.00		1.0737	1.0737	OK	0.00		
PB35 A1		6.0516	1.0886	3.8944			2.81	56.5%	3.7193	3.7164	OK	2.63	63,440	6.34%
PB35 C1		6.2225	1.0929	3.9376			2.84	55.5%	3.7652	3.7630	OK	2.67	61,377	6.14%
PB35 E1		6.4183	1.0903	4.0990			3.01	56.5%	3.9293	3.9269	OK	2.84	57,201	5.72%
PB35 G1		6.0815	1.0829	5.1537			4.07	81.4%	5.0715	5.0687	OK	3.99	20,880	2.09%
PB35 I2		6.2223	1.1102	4.6259			3.52	68.8%	4.4544	4.4522	OK	3.34	49,407	4.94%
PB35 J2		6.0721	1.1347	4.1910			3.06	61.9%	3.8909	3.8893	OK	2.75	98,714	9.87%
PB35 K4		6.5480	1.1272	4.6208			3.49	64.4%	4.5112	4.5080	OK	3.38	32,288	3.23%
PB35 K4 dup		6.3225	1.0946	4.5083			3.41	65.3%	4.3995	4.3963	OK	3.30	32,809	3.28%
							RPD =	1.31%				RPD =	1.60%	
PB35 K4 trp		6.6006	1.0877	4.6818			3.59	65.2%	4.5685	4.5645	OK	3.48	32,637	3.26%
							RSD =	0.71%				RSD =	0.82%	
PB35 M2		6.2283	1.0787	4.3161			3.24	62.9%	4.1881	4.1841	OK	3.11	40,773	4.08%
PB35 O2		6.5047	1.0919	4.7721			3.68	68.0%	4.6696	4.6650	OK	3.57	29,102	2.91%
PB35 Q1		5.7374	1.0818	3.8403			2.76	59.3%	3.7220	3.7179	OK	2.64	44,372	4.44%
PB44 A2		6.3560	1.0721	5.2362			4.16	78.8%	5.1690	5.1650	OK	4.09	17,099	1.71%
PB44 B2		6.9617	1.0851	5.4331			4.35	74.0%	5.3514	5.3465	OK	4.26	19,917	1.99%
PB44 C2		7.0153	1.0637	5.3883			4.32	72.7%	5.2910	5.2857	OK	4.22	23,725	2.37%
PB44 D2		6.0967	1.0999	5.0735			3.97	79.5%	4.9482	4.9450	OK	3.85	32,338	3.23%
PB44 E2		6.4793	1.0969	4.0131			2.92	54.2%	3.8399	3.8371	OK	2.74	60,353	6.04%
PB44 F2		6.0194	1.0767	3.6867			2.61	52.8%	3.4948	3.4916	OK	2.41	74,751	7.48%
PB44 G2		7.6107	1.0890	6.1793			5.09	78.1%	6.0451	6.0411	OK	4.95	27,150	2.71%
PB44 H2		7.3738	1.0733	6.6041			5.53	87.8%	6.4337	6.4268	OK	5.35	32,057	3.21%
PB44 I2		7.4014	1.0842	6.4059			5.32	84.2%	6.2251	6.2194	OK	5.14	35,045	3.50%

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/5/2009 18:30

ANALYST: CDE/BL

Batch drying time	*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm	*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/5/2009 18:30 time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/6/2009 9:05 time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs = 14.6		*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID		CV-02	CV-02	CV-02					CV-02	CV-02				
Date & Time		6/5/09 17:00	6/5/09 15:44	6/6/09 9:05					6/6/09 9:20	6/6/09 10:20				
Cal Wt (g)	10.0000	10.0001	10.0002	10.0002					10.0002	10.0002				
record weights to 4 places		*Cal OK!*	*Cal OK!*	*Cal OK!*					*Cal OK!*	*Cal OK!*				
SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	(%)
PB44 J2		6.3346	1.1157	5.4139			4.30	82.4%	5.2609	5.2594	OK	4.14	35,945	3.59%
PB44 K2		5.6648	1.0798	3.4164			2.34	51.0%	3.2263	3.2238	OK	2.14	82,427	8.24%
PB44 K2 dup		5.9761	1.0874	3.5684			2.48	50.7%	3.3739	3.3705	OK	2.28	79,766	7.98%
							RPD =	0.42%				RPD =	3.28%	
PB44 K2 trp		5.8287	1.0896	3.4799			2.39	50.4%	3.2872	3.2847	OK	2.20	81,663	8.17%
							RSD =	0.52%				RSD =	1.69%	
PB44 L2		7.1147	1.0890	4.3523			3.26	54.2%	4.1325	4.1281	OK	3.04	68,703	6.87%
PB44 M2		5.3313	1.1175	3.0585			1.94	46.1%	2.8796	2.8768	OK	1.76	93,612	9.36%
PB44 N2		6.1719	1.1116	3.6722			2.56	50.6%	3.4863	3.4830	OK	2.37	73,889	7.39%
PB44 O2		6.7694	1.0969	4.2751			3.18	56.0%	4.0795	4.0752	OK	2.98	62,897	6.29%
Blank		0.0000	1.0912	1.0907			0.00		1.0904	1.0904	OK	0.00		

PB44 : 91255

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE:

ANALYST: Cont.

Batch drying time	TS (%) calculated as:	TVS (mg/kg dry wt) calculated as:
record times as mm/dd/yy hh:mm	Final dry wt (g) = (Dry Wt - Tare Wt)	Final ash wt (g) = (min ash wt - tare wt)
time in oven	TS = (Final Dry Wt)/ (grams Sample-Tare)	TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000
time out		if ash wt > dry wt, "Chk for Err"
elapsed hrs = 0.0 < 12 hr		if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000

Cal Weight ID	CV-02	CV-02	CV-02					CV-02	CV-02					
Date & Time		Cont						Cont						
Cal Wt (g) 10.0000														
record weights to 4 places														

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1	2	dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2	Ash Wt (g)	TVS (mg/kg)	TVS (%)
~~Blank~~ PB44 of K²	25	5.9761	1.0874	3.5684	3.5734			3.3739	3.3705			
TPK²	26	6.8297	1.0896	3.4799	3.2872			3.2872	3.2847			
L²	27	7.1147	1.0890	4.3523	4.1825			4.1325	4.1281			
M²	28	5.3313	1.1175	3.0585	2.8796			2.8796	2.8768			
N²	29	6.1719	1.1116	3.6722	3.4863			3.4863	3.4830			
O²	30	6.7674	1.0969	4.2751				4.0795	4.0752			
Blank	62	B	1.0912	1.0907				1.0904	1.0904			

ARI 6053 TS/TVS, Soils
Rev : 12/14/2001

000114

6053 TS-TVS soil rev1
Date Printed: 5/29/2009

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

① 6/5/9 cmk

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/5/9 1830

ANALYST: CMK / BL

Batch drying time	TS (%) calculated as:	TVS (mg/kg dry wt) calculated as:
record times as mm/dd/yy hh:mm	Final dry wt (g) = (Dry Wt - Tare Wt)	Final ash wt (g) = (min ash wt - tare wt)
6/5/9 CMK time in oven 18:30	TS = (Final Dry Wt)/ (grams Sample-Tare)	TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000
6/6/09 BL time out 9:05		if ash wt > dry wt, "Chk for Err"
elapsed hrs = 0.0 < 12 hr		if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000

Cal Weight ID	CV-02	CV-02	CV-02								CV-02	CV-02					
Date & Time	6/5/09 BL	6/5/9 cmk	6/6/09 BL								10.0002	10.0002					
Cal Wt (g) 10.0000	10.0001	10.0002	10.0002								6/5/09 BL	6/5/09 BL					
record weights to 4 places	17:00	18:44	9:04								9:20	10:25					

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank PB44 ~~PB44~~ K²	1	0	1.0736	1.0737					1.0737	1.0737				
PB35 A¹	2	6.0516	1.0886	3.8944					3.7193	3.7164				
C¹	3	6.2225	1.0929	3.9376					3.7652	3.7630				
E¹	4	6.4183	1.0903	4.0990					3.9293	3.9269				
G¹	5	6.0815	1.0829	5.1537					5.0715	5.0687				
I²	6	6.2223	1.1102	4.6259					4.4544	4.4522				
J²	7	6.0721	1.1347	4.1910					3.8909	3.8893				
K⁴	8	6.5480	1.1272	4.6208					4.5112	4.5080				
DF K⁴	9	6.3225	1.0946	4.5085					4.3995	4.3963				
TP K⁴	10	6.6006	1.0877	4.6878					4.5685	4.5645				
M²	11	6.2283	1.0787	4.3161					4.1881	4.1841				
O²	12	6.5047	1.0919	4.7721			6/6/09		4.6696	4.6650				
Q¹	13	5.7374	1.0818	~~4.3843~~			11:20		3.7220	3.7179				
PB44 A²	14	0.3560	1.0721	~~3.8403~~ 5.2362			10.0002		5.1690	5.1650		6/6/09		
B²	15	6.9617	1.0851	5.4331				6/6/09	5.3514	5.3465		18:13		
C²	16	7.0155	1.0637	5.3883			10 ml	11:00	5.2410	5.2857		10.0002		
D²	17	6.0967	1.0999	5.0735				10.0002	4.9482	4.9450				
E²	18	6.4793	1.0969	4.0131					3.8399	3.8371				
F²	19	6.0194	1.0767	3.6867					3.4948	3.4916				
G²	20	7.6107	1.0890	6.1793					6.0451	6.0411				
H²	21	7.3738	1.0733	6.6041					6.4337	6.4268				
I²	22	7.4014	1.0842	6.4059					6.2251	6.2194				
J²	23	6.3346	1.1157	5.4139					5.2609	5.2544				
K²	24	5.6648	1.0798	3.4164					3.2263	3.2238				

PB44 : 9127

W
6-9-09

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/8/2009 19:47

ANALYST: CDE/BL

Batch drying time		*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm		*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/8/2009 19:47	time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/9/2009 9:35	time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs =	13.8	**ZnOAc Preserved**	*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID		CV-02	CV-02	CV-02					CV-02	CV-02						
Date & Time		6/8/09 18:49	6/8/09 12:38	6/9/09 9:57												
Cal Wt (g)	10.0000	10.0001	10.0001	10.0000												
record weights to 4 places		*Cal OK!*	*Cal OK!*	*Cal OK!*												

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank		0.0000	1.1191	1.1192			0.00							
PB35 B1		6.3699	1.0899	4.3449			3.26	61.6%						
PB35 B1 dup		7.1727	1.1096	4.9241			3.81	62.9%						
							RPD =	2.03%				RPD =	NA	
PB35 B1 trp		6.9623	1.1058	4.5899			3.48	59.5%						
							RSD =	2.82%				RSD =	NA	
PB35 D1		6.9268	1.1227	4.4577			3.34	57.5%						
PB35 F1		6.1791	1.1096	3.7125			2.60	51.3%						
PB35 H1		6.3896	1.1010	5.4069			4.31	81.4%						
PB35 I1		6.6017	1.1009	4.1566			3.06	55.6%						
PB35 J1		7.0017	1.0766	4.3340			3.26	55.0%						
PB35 L1		7.0790	1.0796	4.9503			3.87	64.5%						
PB35 N1		7.3227	1.1040	4.8738			3.77	60.6%						
PB35 P1		6.6394	1.1136	4.5115			3.40	61.5%						
PB35 R1		6.9418	1.0969	4.6551			3.56	60.9%						
Blank		0.0000	1.0868	1.0867			0.00							
PB44 A1		6.7810	1.1358	5.6311			4.50	79.6%						
PB44 A1 dup		7.8997	1.0849	6.3374			5.25	77.1%						
							RPD =	3.26%				RPD =	NA	
PB44 A1 trp		6.8145	1.1284	5.6144			4.49	78.9%						
							RSD =	1.68%				RSD =	NA	
PB44 B1		7.2982	1.1343	5.7153			4.58	74.3%						
PB44 C1		5.7605	1.1042	4.4159			3.31	71.1%						
PB44 D1		6.1232	1.0982	5.1551			4.06	80.7%						

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/8/2009 19:47

ANALYST: CDE/BL

Batch drying time		TS (%) calculated as:	TVS (mg/kg dry wt) calculated as:
record times as mm/dd/yy hh:mm		Final dry wt (g) = (Dry Wt - Tare Wt)	Final ash wt (g) = (min ash wt - tare wt)
6/8/2009 19:47	time in oven	TS = (Final Dry Wt)/ (grams Sample-Tare)	TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000
6/9/2009 9:35	time out		if ash wt > dry wt, "Chk for Err"
elapsed hrs =	13.8	**ZnOAc Preserved**	if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000

Cal Weight ID		CV-02	CV-02	CV-02					CV-02	CV-02				
Date & Time		6/8/09 18:49	6/8/09 12:38	6/9/09 9:57										
Cal Wt (g)	10.0000	10.0001	10.0001	10.0000										
record weights to 4 places		Cal OK!	Cal OK!	Cal OK!										

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	(%)
PB44 E1		6.4586	1.0765	3.9650			2.89	53.7%						
PB44 F1		6.5750	1.0803	4.2920			3.21	58.5%						
PB44 G1		5.8066	1.0921	4.8236			3.73	79.1%						
PB44 H1		5.8335	1.0877	4.9994			3.91	82.4%						
PB44 I1		6.9407	1.0777	5.5950			4.52	77.0%						
PB44 J1		6.2119	1.0851	4.6484			3.56	69.5%						
PB44 K1		6.2310	1.1032	3.6178			2.51	49.0%						
PB44 L1		6.8335	1.1270	3.9756			2.85	49.9%						
PB44 M1		6.4719	1.0948	3.4486			2.35	43.8%						
PB44 N1		6.7497	1.0650	4.2688			3.20	56.4%						
PB44 O1		6.4473	1.0938	3.6539			2.56	47.8%						
Blank		0.0000	1.0811	1.0812			0.00							
PB63 A1		5.5134	1.1204	3.6281			2.51	57.1%						
PB63 A1 dup		6.9128	1.0764	4.6018			3.53	60.4%						
							RPD =	5.65%				RPD =	NA	
PB63 A1 trp		5.1284	1.0991	3.3467			2.25	55.8%						
							RSD =	4.13%				RSD =	NA	
PB63 B1		5.2432	1.0841	2.6794			1.60	38.4%						
PB63 C1		6.1975	1.0880	3.5452			2.46	48.1%						
PB63 D1		5.7536	1.1254	4.9815			3.86	83.3%						
PB63 E1		6.7448	1.0963	5.1616			4.07	72.0%						
PB63 F1		5.7172	1.1062	3.9183			2.81	61.0%						
PB63 G1		6.7400	1.0949	5.9141			4.82	85.4%						
PB63 H1		6.4865	1.0976	3.8639			2.77	51.3%						

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/8/2009 19:47

ANALYST: CDE/BL

Batch drying time	*TS (%) calculated as:*	*TVS (mg/kg dry wt) calculated as:*
record times as mm/dd/yy hh:mm	*Final dry wt (g) = (Dry Wt - Tare Wt)*	*Final ash wt (g) = (min ash wt - tare wt)*
6/8/2009 19:47 time in oven	*TS = (Final Dry Wt)/ (grams Sample-Tare)*	*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
6/9/2009 9:35 time out		*if ash wt > dry wt, "Chk for Err"*
elapsed hrs = 13.8	**ZnOAc Preserved**	*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID		CV-02	CV-02	CV-02					CV-02	CV-02				
Date & Time		6/8/09 18:49	6/8/09 12:38	6/9/09 9:57										
Cal Wt (g)	10.0000	10.0001	10.0001	10.0000										
record weights to 4 places		*Cal OK!*	*Cal OK!*	*Cal OK!*										
SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	(%)
PB63 I1		6.3761	1.0762	4.1812			3.11	58.6%						

PB63 I1 SS1278

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE: 6/8/9 19:47

ANALYST: CDG

Batch drying time

record times as mm/dd/yy hh:mm

6/8/9 CDG time in oven 19:47

6/9/9 CDG time out 9:35

elapsed hrs = 0.0 < 12 hr

TS (%) calculated as:
Final dry wt (g) = (Dry Wt - Tare Wt)
TS = (Final Dry Wt)/ (grams Sample-Tare)

ZnOAc Preserved

TVS (mg/kg dry wt) calculated as:
Final ash wt (g) = (min ash wt - tare wt)
*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
if ash wt > dry wt, "Chk for Err"
*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID	CV-02	CV-02	CV-02							CV-02	CV-02				
Date & Time	6/8/9 CDG	6/5/9 CDG	6/9/9 CDG												
Cal Wt (g) 10.0000	10.0001	10.0001	10.0000												
record weights to 4 places	18:49	12:38	9:57												

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank	31	0	1.1191	1.1192										
PB35 B1	32	6.3699	1.0999	4.3449										
DP B1	33	7.1727	1.1096	4.9241										
TP B1	34	6.9623	1.1058	4.5899										
D1	35	6.9268	1.1227	4.4577										
F1	36	6.1791	1.1096	3.7125										
H1	37	6.3896	1.1010	5.4069										
I1	38	6.6017	1.1009	4.1566										
J1	39	7.0017	1.0766	4.3340										
L1	40	7.0790	1.0796	4.9503										
N1	41	7.3227	1.1040	4.8738										
P1	42	6.6314	1.1136	4.5115										
R1	43	6.9418	1.0969	4.6551										
Blank	44	6.7810	1.0868	1.0867										
PB44 A1	45	7.8997	1.1353	5.6311										
DP A1	46	6.8145	1.0849	4.3374										
TP A1	47	7.2982	1.1284	5.6144										
B1	48	5.7605	1.1343	5.7153										
C1	49	6.1232	1.1042	4.4159										
D1	50	6.4580	1.0982	5.1551										
E1	51	6.5758	1.0765	3.9650										
F1	52	5.8066	1.0803	4.2920										
G1	53	5.8335	1.0921	4.8236										
H1	54	6.9407	1.0877	4.9994										

6/8/9 CDG Samples shift down one space. 44->58 shift down 2 lines

TJZ Samples weights of 1 lines

TOTAL SOLIDS/VOLATILE SOLIDS (TS / TVS) BENCHSHEET

SOLIDS *(dry at 104 (12-24 hr) then combust at 550 (30 min))*

DATE:

ANALYST: Cow A.

Batch drying time

record times as mm/dd/yy hh:mm

time in oven

time out

elapsed hrs = 0.0 < 12 hr

TS (%) calculated as:
Final dry wt (g) = (Dry Wt - Tare Wt)
TS = (Final Dry Wt)/ (grams Sample-Tare)

ZnOAc Preserved

TVS (mg/kg dry wt) calculated as:
Final ash wt (g) = (min ash wt - tare wt)
*TVS (mg/kg) = [(Dry wt-Ash wt)/ (dry weight)] *1,000,000*
if ash wt > dry wt, "Chk for Err"
*if dry wt-ash wt < 0.001 g, "< (1/dry wt)*1,000,000*

Cal Weight ID	CV-02	CV-02	CV-02							CV-02	CV-02				
Date & Time															
Cal Wt (g) 10.0000		CGA.													
record weights to 4 places															

SAMPLE ID	DISH #	SAMPLE (grams)	TARE WT (grams)	DRY WT 104C (grams) 1			dry Wt (g)	TS (%)	ASH WT 550C (grams) 1	2		Ash Wt (g)	TVS (mg/kg)	TVS (%)
Blank PB44 I'	55	6.2119	1.0777	5.5950										
J'	56	6.2310	1.0851	4.6484										
K'	57	6.8335	1.1032	3.6178										
L'	58	6.4719	1.1270	3.9756										
M'	59	~~6.2449~~	1.0948	3.4486										
N'	60	6.7497	1.0650	4.2688										
O'	61	6.4473	1.0938	3.6539										
Blank	62	0	1.0811	1.0812										
PB63 A'	63	5.5134	1.1204	3.6281										
DP A'	64	6.9128	1.0764	4.6018										
TP A'	65	5.1284	~~1.0841~~ 1.0991	3.3467	6/9/09									
B'	66	5.2432	1.0841	~~3.3467~~ 2.6794										
C'	67	6.1975	1.0880	3.5452										
D'	68	5.7536	1.1254	4.9815										
E'	69	6.7448	1.0963	5.1616										
F'	70	5.7172	1.1062	3.9183										
G'	71	6.7400	1.0949	5.9141										
H'	72	6.4865	1.0976	3.8639										
I'	73	6.3761	1.0762	4.1812										

6/8/9

6/8/9 CWA

PB44 I' 6.2119 1.0777 5.5950 4.8173

TOC Solids Prep Log

DATE:	6/5/2009
ANALYST:	BL / CDE / KE 18:40

acid purging to remove IC and drying at 70°C for TOC analysis

General notes regarding prep method and samples (identify the acid used)

make no entry to shaded cells, they are calculated

Sample ID		IC Test	Gravimetric Data (grams)			%	*Sample description & notes*
ARI #	Client	+ / -	Tare Wt.	Wet wt.	70°C dry wt	Solids	*(homogeneity and exclusions)*
Blank			13.0521		13.0522	0.1 mg	
PB35 A1		-	13.0279	18.2767	16.3007	62.35%	
PB35 C1		-	13.1896	18.6140	16.2211	55.89%	
PB35 E1		-	13.0545	18.1079	16.0284	58.85%	
PB35 G1		-	13.0233	18.2617	17.3468	82.53%	
PB35 I 1		-	13.1138	18.1695	16.5593	68.15%	
PB35 J 1		-	13.0410	18.0154	16.1739	62.98%	
PB35 K1		-	13.1029	18.3897	16.6573	67.23%	
PB35 K1 DUP		-	13.0537	18.2124	16.5391	67.56%	
PB35 K1 TRIP		-	13.0854	18.4435	16.6985	67.43%	
PB35 M1		-	13.0567	18.2898	16.4974	65.75%	
PB35 O1		-	13.0590	18.1100	16.6002	70.11%	
PB35 Q1		-	13.0957	18.7051	16.5587	61.74%	
Blank			13.0992		13.0990	-0.2 mg	
PB44 A2		-	13.0452	19.0225	17.8811	80.90%	
PB44 B2		-	13.0639	18.6154	17.3165	76.60%	
PB44 C2		-	13.1130	19.0289	17.5202	74.50%	
PB44 D2		-	13.0881	17.9839	17.0726	81.39%	
PB44 E2		-	13.1151	18.1259	15.8838	55.25%	
PB44 G2		-	13.1047	17.2895	17.1533	96.75%	
PB44 H2		+-	13.1507	18.1868	16.4407	65.33%	
PB44 J 2		-	13.1296	19.5164	17.9146	74.92%	
PB44 K2		-	13.0789	16.5378	14.9564	54.28%	
PB44 K2 DUP		-	13.0339	17.1599	15.2487	53.68%	
PB44 K2 TRIP		-	13.0699	16.7822	15.0826	54.22%	
PB44 L2		-	13.0702	17.5222	15.8659	62.80%	
PB44 M2		-	13.0654	18.4952	15.7030	48.58%	
PB44 N2		-	13.0927	18.6870	16.0914	53.60%	
PB44 O2		-	13.0609	18.0678	15.8143	54.99%	

③ 6/5/9 cpc

Analytical Resources, Incorporated
Analytical Chemists and Consultants

TOC Solids Preparation Log

Acid purge to remove IC and drying 70 °C for TOC analysis
Add general notes regarding samples and preparation and identify the acid used

Analyst BL / COC / (N) Date 6/5/9 18:40

Sample Idenification		IC	Gravimetric Data			% Solids	Sample description & notes
ARI #	Client ID	Test	Tare	Wet	70 °C		
Blank			13.0521	Ø	13.0522		
PB35 A[1]		–	13.0279	18.2767	16.3007		
C[1]		–	13.1496	18.6140	16.2211		
E[1]		–	13.0545	18.1079	16.0284		
G[1]		–	13.0233	18.2617	17.3468		
I[2]		–	13.1138	18.1695	16.5593		
J[2]		–	13.0410	18.0154	16.1739		
K[4]		–	13.1029	18.5897	16.6573		
DP K[4]		–	13.0537	18.2124	16.5391		
TP K[4]		–	13.0854	18.4435	16.6985		
M[2]		–	13.0567	18.2898	16.4974		
O[2]		–	13.0590	18.1100	16.6002		
Q[1]		–	13.0957	18.7051	16.5387		
Blank			13.0992	~~17.0229~~	13.0990		
PB44 A[2]		–	13.0452	19.0229	17.8811		Sand & Rocks & shell
B[2]		–	13.0639	18.6154	17.3165		silt
C[2]		–	13.1130	19.0289	17.5202		Sand & silt
D[2]		–	13.0881	17.9859	17.0726		
E[2]		–	13.1151	~~18.0590~~	15.8838		
~~F[2]~~		~~–~~	~~13.0030~~	~~18.1359~~ ②	~~15.4499~~		
G[2]		–	13.1047	17.2895	17.1533		
H[2]		+ –	13.1507	19.1868	16.4407		Rocks/sand/silt
~~I[2]~~		~~+~~	~~13.1181~~	~~16.4620~~	~~19.1891~~		Sand & shells & Rocks
J[2]		–	13.1296	19.5164	17.9146		silt
K[2]		–	13.0789	16.5378	14.9564		
DP K[2]		–	13.0339	17.1599	15.2487		
TP K[2]		–	13.0699	16.7822	15.0826		
L[2]		–	13.0702	17.5222	15.8659		
M[2]		–	13.0654	18.4952	15.7030		+wood
N[2]		–	13.0927	18.6870	16.0914		
O[2]		–	13.0609	18.0678	15.8143		+Rocks

Perun → Perun 6-8-09 (2)

① 18.1259 6/5/9 ac
②

TOC Solids Prep Log

DATE:	6/8/2009
ANALYST:	CDE / KE 18:47

acid purging to remove IC and drying at 70°C for TOC analysis

General notes regarding prep method and samples (identify the acid used)

make no entry to shaded cells, they are calculated

Sample ID		IC Test	Gravimetric Data (grams)			%	*Sample description & notes*
ARI #	Client	+ / -	Tare Wt.	Wet wt.	70°C dry wt	Solids	*(homogeneity and exclusions)*
Blank			13.0396		13.0398	0.2 mg	
PB44 F2		-	12.8448	18.7255	17.1442	73.11%	
PB44 I 2		+-	12.8604	19.1647	18.3704	87.40%	
PB63 A2		-	12.8930	17.6677	16.4810	75.15%	
PB63 A2 DUP		-	12.9011	18.4798	16.5688	65.74%	
PB63 A2 TRIP		-	12.9213	18.3033	16.6841	69.91%	
PB63 B2		-	12.8709	17.9655	15.6131	53.83%	
PB63 C2		-	12.8949	18.4635	17.0133	73.96%	
PB63 D2		+-	12.9137	18.7782	18.1186	88.75%	
PB63 E2		-	12.8764	19.3576	17.8052	76.05%	
PB63 F2		-	12.9272	17.6711	15.9206	63.10%	
PB63 G2		-	12.8929	17.5862	17.1178	90.02%	
PB63 H2		-	12.9126	18.0229	15.8320	57.13%	
PB63 I 2		-	12.9272	18.9016	17.7917	81.42%	
PB76 A1		-	12.9581	17.8354	16.2215	66.91%	
PB76 B1		-	12.8618	18.1925	15.6462	52.23%	
PB76 C1		-	12.8975	18.3766	16.0147	56.89%	
PB76 C1 DUP		-	12.8632	18.2488	16.2920	63.67%	
PB76 C1 TRIP		-	12.9089	19.4655	17.0298	62.85%	

(1) 6.9.09 (W)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

TOC Solids Preparation Log

Acid purge to remove IC and drying 70 °C for TOC analysis
Add general notes regarding samples and preparation and identify the acid used

Analyst CDC / (W) Date 6/8/9 (8:47

Sample Idenification		IC	Gravimetric Data			% Solids	Sample description & notes
ARI #	Client ID	Test	Tare	Wet	70 °C		
Blank			13.0396	Ø	13.0398		
PB44 F²		-	12.8448	18.7255	17.1442		
↓ I²		+-	12.8604	19.1647	18.3704		
PB63 A²		-	12.9930	17.6677	16.4810		light-fluffy sed.
DP A²		-	12.9011	18.4798	16.5688		↓
TP A²		-	12.9213	18.3033	16.6841		
B²		-	12.8709	17.9655	15.6131		silt
C²		-	12.8949	18.4635	16.170133		sand/Rocks/crab
D²		+-	12.9137	18.7782	18.1186		↓
E²		-	12.8764	19.3576	17.8052		Silt & Rocks
F²		-	12.9272	17.6711	15.9206		silt & shells
G²		-	12.8929	17.5862	17.1178		Sand & Rocks
H²		-	12.9126	18.0229	15.8320		Dark silt
I²		-	12.9272	18.9016	17.7117		sed.
PB76 A¹		-	12.9581	17.8354	16.2215		Rocks/wood/some shells
B¹		-	12.8618	18.1925	15.6462		silt
C¹		-	12.8975	18.3766	16.0147		
DP C¹		-	12.8632	18.2488	16.2920		
TP C¹		-	12.9089	19.4655	18.0298		

6/8/09 CDC

w
6-9-0

SULFIDE BENCHSHEET (Spectrophotometric, EPA 376.2)		Date Time	Analyst
Soils, sediments and solid phase samples	Distillation	6/8/09 10:20	AF
	Finish	6/9/09 13:15	AF

If distilled, specify Procedure: **PSEP**

1. Standardization of sodium thiosulfate titrant — Buret used for titrations:

Thiosulfate ID: **6925C**
Bi-iodate ID: **0086-10**
Stock bi-iodate = **0.8125** grams to 1000 mL
Normality = **0.025**

Titration of bi-iodate with thiosulfate

mL bi-iodate =	3.000	3.000	3.000	
mL thiosulfate =	3.05	3.05	3.05	nthio
Normality thiosulfate = (mL bi-iodate*normbio) / mL thiosulfate =	0.025	0.025	0.025	**0.025**

2. Normality of Iodine

Iodine ID: **6886C**

Titration of Iodine with thiosulfate

mL iodine =	3.000	3.000	3.000	
mL thiosulfate =	3.000	2.900	2.900	ni
Normality iodine = (mL thiosulfate*nthio) / mL iodine=	0.025	0.024	0.024	**0.024**

3. Standardization of Sodium Sulfide Stock

Stock ID = **0094-03**
Approx conc in 100ml
g Na2S = 0.5007 mg /mL = 0.668

Titration of standard with thiosulfate

mL Standard =	1.00	1.00	1.00	
mL iodine =	3.00	3.00	3.00	
mL thiosulfate =	1.45	1.45	1.45	stkconc (mg/mL)
Sulfide (mg/mL) = {[(mL iodine*ni)-(mL thio *nthio)]*16} / mL standard =	0.584	0.584	0.584	**0.584**

Intermediate Standard

Add 10.7 mL stk to 250 mL 0.01M NaOH = **0.025** **mg/mL**

4. Calibration Standard Curve — spectrophotometer used:

Inter Std Volume (mL)	Final Volume (mL)	Calc Conc (mg S/L)	Absorbance @650 nm 1	Absorbance @650 nm 2	AVG ABS	mg/L
0.00	50	0.000	0.000		0.000	0.001
0.10	50	0.050	0.029		0.029	0.048
0.25	50	0.125	0.083		0.083	0.136
0.50	50	0.250	0.147		0.147	0.239
1.00	50	0.500	0.307		0.307	0.499
2.00	50	0.999	0.617		0.617	1.001
Calib Verif Std =	1	ml int to	50	ml ZnOAc=		0.500 mg/l
Distillation Std =	1	ml stk to	100	=		5.84 mg/l

RegressionData

intercept = -0.001
slope = 0.617
r = 0.9998
Comment: Calibration OK!
maxabs = 0.617

SAMPLE DATA

enter dilution as mL final/mL sample

	Distillation Data			Spectrophotometric Data			SAMPLE DATA	
SAMPLE ID	SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Dilution Factor	Abs @ 650 nm Sample	Abs @ 650 nm Bkg	regressed Conc (mg S/L)	CORR CONC (ppm)	
ICB		na	na	1	0.000		0.001	< 0.05	OK
ICV		na	na	1	0.308		0.500	0.500	100%
Distilled samples									
Dist Blk 1	100	100%	100	1	0.000		0.001	< 0.05	OK
Dist Chk 1	100	100%	100	10	0.364		0.591	5.911	101%
Soil Samples	**(grams)**	**% Solids**	**(mL)**		**Sample**	**Bkg**	**(mg/L)**	**mg/kg**	
~~PB35 B1~~	~~4.772~~	~~61.6%~~	~~100~~	~~1~~	~~0.869~~		~~1.410~~	~~47.956~~	~~offscale~~
~~PB35 B1 dup~~	~~4.899~~	~~61.6%~~	~~100~~	~~1~~	~~0.719~~		~~1.167~~	~~38.656~~	~~offscale~~
~~PB35 B1 ms~~	~~4.729~~	~~61.6%~~	~~100~~	~~20~~	~~0.196~~		~~0.319~~	~~218.817~~	~~85.27%~~
		~~Spike at~~	~~1.00~~	~~ml stock to~~	~~2.913~~	~~g dry wt =~~		~~200.372~~	~~mg/kg~~
PB35 D1	5.098	57.5%	100	5	0.176		0.286	48.833	
PB35 F1	4.874	51.3%	100	1	0.119		0.194	7.754	
PB35 H1	4.766	81.4%	100	50	0.235		0.382	492.246	
PB35 I1	4.927	55.6%	100	20	0.211		0.343	250.441	
PB35 J1	4.551	55.0%	100	50	0.142		0.231	461.787	
Cal Blk		na	na	1	-0.010		-0.015	< 0.05	OK
CCV		na	na	1	0.297		0.482	0.482	97%
PB35 L1	4.698	64.5%	100	1	0.250		0.406	13.407	
PB35 N1	4.949	60.6%	100	1	0.388		0.630	21.005	
PB35 P1	4.727	61.5%	100	5	0.265		0.431	74.055	

SAMPLE DATA

enter dilution as mL final/mL sample

	Distillation Data			Spectrophotometric Data				SAMPLE DATA	
SAMPLE ID	SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Dilution Factor	Abs @ 650 nm Sample	Bkg	regressed Conc (mg S/L)	CORR CONC (ppm)	
PB35 R1	4.694	60.9%	100	20	0.152		0.247	173.079	
Dist Blk 2	100	100%	100	1	-0.002		-0.002	< 0.05	*OK*
Dist Chk 2	100	100%	100	10	0.327		0.531	5.311	*91%*
PB44 A1	4.359	79.6%	100	1	0.000		0.001	< 1.44	
PB44 A1 dup	4.490	79.6%	100	1	-0.002		-0.002	< 1.398	*NA*
PB44 A1 ms	4.605	79.6%	100	20	0.166		0.270	147.361	*92.54%*
		Spike at	*1.00*	*ml stock to*	*3.666*	*g dry wt =*		*159.237*	*mg/kg*
PB44 B1	4.639	74.3%	100	1	0.030		0.050	< 1.45	
Cal Blk		na	na	1	0.000		0.001	< 0.05	*OK*
CCV		na	na	1	0.278		0.452	0.452	*90%*
PB44 C1	4.544	71.1%	100	5	0.170		0.277	42.802	
PB44 D1	4.823	80.7%	100	1	0.081		0.132	3.399	
PB44 E1	4.936	53.7%	100	5	0.193		0.314	59.203	
PB44 F1	4.485	58.5%	100	5	0.218		0.354	67.533	
PB44 G1	4.937	79.1%	100	1	-0.004		-0.006	< 1.279	
PB44 H1	5.452	82.4%	100	1	-0.009		-0.014	< 1.112	
PB44 I1	4.793	77.0%	100	1	-0.008		-0.012	< 1.354	
PB44 J1	4.492	69.5%	100	1	0.561		0.910	29.162	
PB44 K1	4.448	49.0%	100	5	0.220		0.358	82.041	
PB44 L1	5.215	49.9%	100	5	0.166		0.270	51.893	
Cal Blk		na	na	1	0.000		0.001	< 0.05	*OK*
CCV		na	na	1	0.289		0.469	0.469	*94%*
PB44 M1	5.269	43.8%	100	20	0.230		0.374	323.968	
PB44 N1	4.646	56.4%	100	20	0.130		0.212	161.599	
PB44 O1	4.306	47.8%	100	20	0.208		0.338	328.593	
PB35 B1	4.772	61.6%	100	5	0.196		0.319	54.211	
PB35 B1 dup	4.899	61.6%	100	5	0.171		0.278	46.091	*RPD=16.19%*
PB35 B1 ms	4.729	61.6%	100	20	0.221		0.359	246.641	*96.04%*
		Spike at	*1.00*	*ml stock to*	*2.913*	*g dry wt =*		*200.372*	*mg/kg*
Cal Blk		na	na	1	0.000		0.001	< 0.05	*OK*
CCV		na	na	1	0.284		0.461	0.461	*92%*

SULFIDE BENCHSHEET (Spectrophotometric, EPA 376.2)
Soils, sediments and solid phase samples

	Date Time	Analyst
Distillation	6-08-09 10:20	af
Finish	6-09-09 13:15	af

If distilled, specify Procedure: PSEP

1. Standardization of sodium thiosulfate titrant

Buret used for titrations: _____

Thiosulfate ID: 6925C
Bi-iodate ID: 0086-10
Stock bi-iodate = 0.8175 *grams to* 1000 *mL*
Normality =

Titration of bi-iodate with thiosulfate

mL bi-iodate =	3.00 ~~2.000~~	3.00 ~~2.000~~	3.00 ~~2.000~~	
mL thiosulfate =	3.05	3.05	3.05	nthio
Normality thiosulfate = (mL bi-iodate*normbio) / mL thiosulfate =				

2. Normality of Iodine

Iodine ID: 6886C

Titration of Iodine with thiosulfate

mL iodine =	3.000	3.000	3.000	
mL thiosulfate =	3.00	2.90	2.90	ni
Normality iodine = (mL thiosulfate*nthio) / mL iodine=				

3. Standardization of Sodium Sulfide Stock

Stock ID = 0094-03
Approx conc in 100ml
g Na2S = 0.5007 *mg /mL =*

Titration of standard with thiosulfate

mL Standard =	1.00	1.00	1.00	
mL iodine =	3.00	3.00	3.00	
mL thiosulfate =	1.45	1.45	1.45	stkconc (mg/mL)
Sulfide (mg/mL) = {[(mL iodine*ni)-(mL thio *nthio)]*16} / mL standard =				

Intermediate Standard

Add 10.7 *mL stk to* 250 *mL 0.01M NaOH =* _____ ***mg/mL***

4. Calibration Standard Curve

spectrophotometer used:

Inter Std Volume (mL)	Final Volume (mL)	Calc Conc (mg S/L)	Absorbance @650 nm 1	Absorbance @650 nm 2	AVG ABS	mg/L
0.00	50		0.000			
0.10	50		0.029			
0.25	50		0.083			
0.50	50		0.147			
1.00	50		0.307			
2.00	50		0.617			
Calib Verif Std =		0.5	*ml int to*	50	*ml ZnOAc=*	
Distillation Std =		1	*ml stk to*	100	=	

RegressionData

intercept =
slope =
r =
Comment:
maxabs =
mg/l
mg/l

SAMPLE DATA

enter dilution as mL final/mL sample

SAMPLE ID	Distillation Data: SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Spectrophotometric Data: Dilution Factor	Abs @ 650 nm: Sample	Bkg	regressed Conc (mg S/L)	SAMPLE DATA: CORR CONC (ppm)	
ICB		na	na	1.00	0.000				
ICV		na	na	1.00	0.308				
Distilled samples									
Dist Blk 1	100.0	100%	100	1.00	0.000				
Dist Chk 1	100.0	100%	100	10 ~~1.00~~	0.364				
Soil Samples	(grams)	% Solids	(mL)		Sample	Bkg	(mg/L)	mg/kg	
PB35 B1	4.772	61.6	100	1.00	0.569				
dup B1	4.899	↓	100	1.00	0.719				
spk B1	4.729	↓	100	20 ~~1.00~~	0.196				
D1	5.098	57.5	100	5 1.00	0.176				
E1	4.874	51.3	100	1.00	0.119				
H1	4.766	81.4	100	50 ~~1.00~~	0.235				
I1	4.927	55.6	100	20 ~~1.00~~	0.211				
↓ J1	4.551	55.0	100	50 ~~1.00~~	0.142				
Cal Blk		na	na	1.00	-0.010				
CCV		na	na	1.00	0.297				
L1	4.698	64.5	100	1.00	0.250				
N1	4.949	60.6	100	1.00	0.388				
P1	4.727	61.5	100	5 ~~1.00~~	0.265				
↓ R1	4.694	60.9	100	20 ~~1.00~~	0.157				

SAMPLE DATA

enter dilution as mL final/mL sample

	Distillation Data			Spectrophotometric Data				SAMPLE DATA	
SAMPLE ID	SAMPLE SIZE	% Solids	TRAP VOLUME (ml)	Dilution Factor	Abs @ 650 nm Sample	Bkg	regressed Conc (mg S/L)	CORR CONC (ppm)	
Blank 2	100	100	100	1.00	-0.002				
LCS 2	100	100	100	10 ~~1.00~~	0.327				
PB44 A1	4.359	79.6	100	1.00	0.000				
dup A1	4.490	↓	100	1.00	-0.002				
spk A1	4.605	↓	100	20 ~~1.00~~	0.166				
B1	4.639	74.3	100	1.00	0.030				
Cal Blk		na	na	1.00	0.000				
CCV		na	na	1.00	~~0.278~~	0.278			
C1	4.544	71.1	100	5 ~~1.00~~	~~0.081~~	0.170			
d1	4.823	80.7	100	1.00	0.081				
E1	4.936	53.7	100	5 ~~1.00~~	0.193				
F1	4.485	58.5	100	5 ~~1.00~~	0.218				
G1	4.937	79.1	100	1.00	-0.004				
H1	5.452	82.4	100	1.00	-0.009				
I1	4.793	77.0	100	1.00	-0.008				
J1	4.492	69.5	100	1.00	0.561				
K1	4.448	49.0	100	5 ~~1.00~~	0.220				
L1	5.215	49.9	100	5 ~~1.00~~	0.166				
Cal Blk		na	na	1.00	0.000				
CCV		na	na	1.00	0.289				
M1	5.269	43.8	100	20 ~~1.00~~	0.230				
N1	4.646	56.4	100	20 ~~1.00~~	0.130				
O1	4.306	47.8	100	20 ~~1.00~~	0.208				
PB35 B1	4.772	61.6	100	5 ~~1.00~~	0.196				
B1	4.899	↓	100	5 ~~1.00~~	0.171				
B1	4.725	↓	100	20 ~~1.00~~	0.221				
CCB			100	1.00	~~0.284~~ 0.000				
CCV			100	1.00	0.284				
			100	1.00					
			100	1.00					
Cal Blk		na	na	1.00					
CCV		na	na	1.00					

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Sulfide Digestion Log

				Pretreatment Data							Sample Extraction Data				
	Sample ID	% Solids	% Water	Date	Sample Weight	Extract Method*	Acid	Required pH	mL DI Water	Observed mL acid	Date	Sample Weight	mL Acid Required	mL DI Water Required	Trap Volume (mL)
	Blank 1			6-8-9	~~PSEP~~ NA	PSEP	1+1 HCl w/ Al	~~I~~ NA	NA	NA	6-8-9	NA	NA	100	100
1ml stck	LCS 1											↓		↓	
	PB35 B1											4.772		50	
	dup B1											4.899			
1ml stck	spk B1											4.729			
	d1											5.098			
	F1											4.874			
	H1											4.766			
	I1											4.927			
	J1											4.551			
	L1											4.698			
	N1											4.949			
	P1											4.727			
	R1											4.694		↓	
	Blank 2											NA		100	
1ml stck	LCS 2											NA		100	
	~~PB14~~ PB14 A1											4.359			
	dup A1											4.490			
1ml stck	spk A1											4.605			
	B1			↓	↓	↓	↓	↓	↓	↓	↓	4.639	↓	↓	↓

* Extarct Methods: **PSEP** = PSEP; **9030A** = 9030A Acid Soluble; **9030AI** = 9030A acid insoluble; **AVS** = Acid Volatile; **Reactive** = SW-846 reactive

Analyst Name: AT Date: 6-8-09 Time: 10:20

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Sulfide Digestion Log

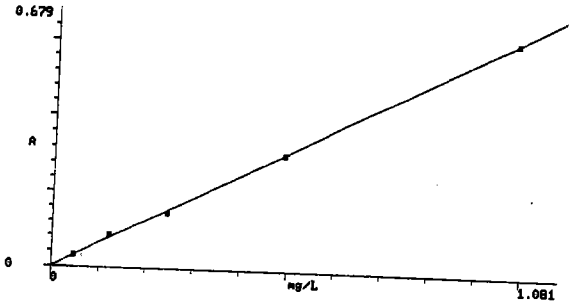
Sample ID	% Solids	% Water	Pretreatment Data: Date	Sample Weight	Extract Method*	Acid	Required pH	mL DI Water	Observed mL acid	Sample Extraction Data: Date	Sample Weight	mL Acid Required	mL DI Water Required	Trap Volume (mL)
DB44 C1											4.544			
d1											4.823			
E1											4.936			
F1											4.485			
G1											4.937			
H1											5.452			
I1											4.793			
J1											4.492			
K1											4.448			
L1											5.215			
M1											5.269			
N1											4.646			
O1											4.306			
50µl 1ml 50µl LCS3											NA		100ml	

6-8-09 MT

* Extarct Methods: **PSEP** = PSEP; **9030A** = 9030A Acid Soluble; **9030AI** = 9030A acid insoluble; **AVS** = Acid Volatile; **Reactive** = SW-846 reactive

Analyst Name: MT Date: 6-8-09 Time: 10.20

Standard Curve	13:10 9Jun09
Test Name	SULFIDE[Saved]
Date Standards Measured	9Jun09
Wavelength	650nm
Ref. Wavelength Correction	Off
Curve Fit	Linear
Number of Standards	6
Units	mg/L
ID# (0=OFF)	Off
Low/High Limits	0.050/1.000
Statistics	Off
Auto Print	On



Curve Fit	Linear
Slope	0.627
Intercept	-0.000602
Std Dev	0.005
Corr Coeff	1.000

Conc. mg/L	Abs 650nm
0.000	0.000
0.049	0.029
0.123	0.083
0.246	0.147
0.491	0.307
0.983	0.617

6-9-09
a1

TEST SETUP
GENESYS 10 v2.021 2G2G048006

Advanced A-%T-C	13:38 9Jun09
Test Name	SULFIDE[Saved]
Measurement Mode	Absorbance
Wavelength	650nm
Ref. Wavelength Correction	Off
Delay Time (min:sec)	0:00
ID# (0=OFF)	1
Low/High Limits	0.000/1.000
Statistics	Off
Auto Print	On

ID#	Abs 650nm
1	0.000
2	0.308
3	0.000
4	0.364

5	0.869
6	0.719
7	0.196
8	0.176
9	0.119
10	0.235
11	0.211
12	0.142
13	-0.010
14	0.297
15	0.250
16	0.388
17	0.265
18	0.152
19	-0.002
20	0.327

21 0.000

22 -0.002

23 0.166

24 0.030

~~25 -0.009~~

~~26 0.265~~

~~27 0.000~~ ~~OK~~ ignore stash

~~28 0.260~~ reread dcv of (dirty blank cuvette)

~~29 0.277~~

30 0.000

31 0.278

32 0.170

33 0.081

34 0.193

35 0.218

35 0.218

36 -0.004

37 -0.009

38 -0.008

39 0.561

40 0.220

41 0.166

42 0.000

43 0.289

44 0.230

45 0.130

46 0.208

45	0.130
46	0.208
47	0.196
48	0.171
49	0.221
50	0.000
51	0.284

Original Run Filename: OM_6-9-2009_12-42-50PM.OMN created 6/9/2009 12:42:50 PM
Original Run Author's Signature: UW
Current Run Filename: 060909NH3A.omn last modified 6/9/2009 3:06:21 PM
Description: LACHAT 1
Standards made from ARI Stock#:0091-10

Sample	Cup No.	Channel 1 NH3 Conc. (mg N/L)	Channel 1 NH3 Area (Vs)	Detection Time	MANUAL DILUTION FACTOR	
STD 1.0	S1	1	33.4575	6/9/2009@12:43:53 PM		
STD 0.8	S2	0.8	26.9851	6/9/2009@12:45:04 PM		
STD 0.5	S3	0.5	16.7847	6/9/2009@12:46:15 PM		
STD 0.2	S4	0.2	6.7740	6/9/2009@12:47:25 PM		
STD 0.05	S5	0.05	1.9531	6/9/2009@12:48:36 PM		
STD 0.02	S6	0.02	0.6798	6/9/2009@12:49:47 PM		
STD 0.01	S7	0.01	0.4335	6/9/2009@12:50:58 PM		
BLANK	S8	0	0.3116	6/9/2009@12:52:09 PM		
ICV ERA 04088	9	0.5122	17.2509	6/9/2009@12:53:20 PM		% R = 102.44
Known Conc:		0.5				
Calibration:		Table/Fig. 1				
ICB	10	0.0079	0.4250	6/9/2009@12:59:17 PM		
Known Conc:		0				
LOW	11	0.0124	0.5765	6/9/2009@1:05:15 PM		% R = 124
Known Conc:		0.01				
PREP BLK A	12	-0.0061	-0.0394	6/9/2009@1:11:12 PM		
PREP CHK A	13	10.1488	17.0926	6/9/2009@1:12:23 PM	20.0000	% R = 101.49 0.4 ml * 1000 ppm / 40 ml
PB35 A1	14	0.2923	9.9165	6/9/2009@1:13:33 PM		
PB35 A1 DUP	15	0.3364	11.3875	6/9/2009@1:14:44 PM		
PB35 A1 TRP	16	0.327	11.0731	6/9/2009@1:15:56 PM		

PB35 A1 MS	19	10.3202	17.3785	6/9/2009@1:17:07 PM	20.0000	% R = 100.28 0.4 ml * 1000 ppm / 40 ml
PB35 C1	20	0.4856	16.3653	6/9/2009@1:18:18 PM		
CCV	17	0.5166	17.3993	6/9/2009@1:19:29 PM		% R = 103.32
Known Conc:		0.5				
CCB	18	0.0031	0.2652	6/9/2009@1:25:26 PM		
Known Conc:		0				
PB35 E1	21	0.4813	16.2200	6/9/2009@1:31:24 PM		
PB35 G1	22	0.1193	4.1443	6/9/2009@1:32:36 PM		
PB35 I1	23	0.6787	22.8058	6/9/2009@1:33:47 PM		
PB35 J1	24	0.3935	13.2919	6/9/2009@1:34:59 PM		
PB35 K1	25	0.4054	13.6897	6/9/2009@1:36:09 PM		
PB35 M1	26	0.4571	15.4129	6/9/2009@1:37:21 PM		
PB35 O1	27	0.705	23.6854	6/9/2009@1:38:33 PM		
PB35 Q1	28	0.437	14.7425	6/9/2009@1:39:44 PM		
PB63 A2	29	0.1453	5.0101	6/9/2009@1:40:55 PM		
PB63 B2	30	0.4491	15.1458	6/9/2009@1:42:07 PM		
CCV	17	0.5145	17.3270	6/9/2009@1:43:19 PM		% R = 102.9
Known Conc:		0.5				
CCB	18	0.0071	0.3987	6/9/2009@1:49:16 PM		
Known Conc:		0				
PB63 C2	31	0.3781	12.7787	6/9/2009@1:55:14 PM		
PB63 D2	32	0.0681	2.4356	6/9/2009@1:56:27 PM		
PB63 E2	33	0.2897	9.8280	6/9/2009@1:57:38 PM		
PB63 F2	34	0.2785	9.4533	6/9/2009@1:58:49 PM		
PB63 G2	35	0.0464	1.7105	6/9/2009@2:00:00 PM		
~~PB63 H2~~	~~36~~	~~1.148~~	~~38.4640~~	6/9/2009@2:01:13 PM		

PB63 I2	37	0.1684	5.7806	6/9/2009@2:02:25 PM		
~~PREP BLK B~~	~~38~~	~~-0.0114~~	~~-0.2187~~	6/9/2009@2:03:37 PM		
PREP CHK B	39	10.3924	17.4990	6/9/2009@2:04:49 PM	20.0000	% R = 103.92 0.4 ml * 1000 ppm / 40 ml
PB44 A2	40	0.4023	13.5835	6/9/2009@2:06:00 PM		
CCV	17	0.5177	17.4346	6/9/2009@2:07:11 PM		% R = 103.54
Known Conc:		0.5				
CCB	18	0.0025	0.2463	6/9/2009@2:13:10 PM		
Known Conc:		0				
PB44 A2 DUP	41	0.4411	14.8800	6/9/2009@2:19:08 PM		
PB44 A2 TRP	42	0.4001	13.5108	6/9/2009@2:20:21 PM		
PB44 A2 MS	43	10.549	17.7603	6/9/2009@2:21:33 PM	20.0000	% R = 101.47 0.4 ml * 1000 ppm / 40 ml
PB63 H2	44	1.1769	19.7960	6/9/2009@2:22:45 PM	2.0000	
PREP BLK B	38	-0.0045	0.0129	6/9/2009@2:23:58 PM		
PB44 B2	45	0.5414	18.2269	6/9/2009@2:25:09 PM		
PB44 C2	46	0.5433	18.2897	6/9/2009@2:26:21 PM		
PB44 D2	47	0.039	1.4632	6/9/2009@2:27:34 PM		
PB44 E2	48	0.2827	9.5941	6/9/2009@2:28:46 PM		
PB44 F2	49	0.5052	17.0170	6/9/2009@2:29:59 PM		
CCV	17	0.5171	17.4144	6/9/2009@2:31:10 PM		% R = 103.42
Known Conc:		0.5				
CCB	18	0.0068	0.3906	6/9/2009@2:37:07 PM		
Known Conc:		0				
PB44 G2	50	0.0892	3.1389	6/9/2009@2:43:06 PM		
PB44 H2	51	0.0101	0.4991	6/9/2009@2:44:19 PM		
PB44 I2	52	0.0148	0.6562	6/9/2009@2:45:31 PM		
PB44 J2	53	0.2415	8.2214	6/9/2009@2:46:44 PM		

PB44 K2	54	0.1537	5.2900	6/9/2009@2:47:56 PM	
PB44 L2	55	0.3474	11.7547	6/9/2009@2:49:08 PM	
PB44 M2	56	0.5238	17.6393	6/9/2009@2:50:21 PM	
PB44 N2	57	0.3385	11.4566	6/9/2009@2:51:34 PM	
PB44 O2	58	0.3944	13.3220	6/9/2009@2:52:46 PM	
~~KCL~~	~~59~~	~~0.002~~	~~0.2305~~	6/9/2009@2:53:58 PM	
CCV	17	0.5123	17.2563	6/9/2009@2:55:10 PM	
Known Conc:		0.5			
CCB	18	0.0039	0.2921	6/9/2009@3:01:07 PM	
Known Conc:		0			

% R = 102.46

A

Soil Extraction Log

Parameter:

Date: 6-8-09

Analyst: W

Extraction Procedure: 4g sample in 40 mL 2N KCl, shaken 1 hr, centrifuged + filtered.

Time	Sample ID	Sample Wt (grams)	Extract Vol (mL)	Spikes and Standards: Vol added (mL)	Spikes and Standards: Conc of Std (mg/L)	Spikes and Standards: Conc in Extract (mg/L)	Notes & Comments
15:00	P-TLA	—	40				
	P-CHK	—		0.4	1,000	10	ERA 04088
	PTJ5A1	4.11					
	A1 dup	4.10					
	A1 sp	4.10					
	A1 ms	4.29		0.4	1,000	10	ARI 0091-10
	C1	4.13					
	E1	4.18					
	G1	4.05					
	I1	4.15					
	J1	4.28					
	K1	4.22					
	M1	4.22					
	O1	4.17					
	Q1	4.10					
	PTJ6A2	4.17					
	B2	4.27					
	C2	4.01					
	D2	4.14					
	E2	4.21					
	F2	4.23					
	G2	4.28					
	H2	4.17					
	I2	4.19					

6-8-09

B

Soil Extraction Log

Parameter:

Date: 6-8-09

Analyst: W

Extraction Procedure: 4g in 40 ml 2N HCl, shaken 1 hr, centrifuged + filtered.

Time	Sample ID	Sample Wt (grams)	Extract Vol (mL)	Spikes and Standards: Vol added (mL)	Spikes and Standards: Conc of Std (mg/L)	Spikes and Standards: Conc in Extract (mg/L)	Notes & Comments
15:00	Prep Blk	—	40				
↓	Prep CHK	—	↓	0.4	1,000	10	ERA 04088
	PB44A2	4.01					
	A2 dup	4.42					
	A2 trip	4.04					
	A2 ms	4.26		0.4	1,000	10	ARI 0091-10
	B2	4.22					
	C2	4.29					
	D2	4.09					
	E2	4.22					
	F2	4.07					
	G2	4.24					
	H2	4.08					
	I2	4.08					
	J2	4.16					
	K2	4.28					
	L2	4.11					
	M2	4.03					
	N2	4.27					
↓	O2	4.09	↓				

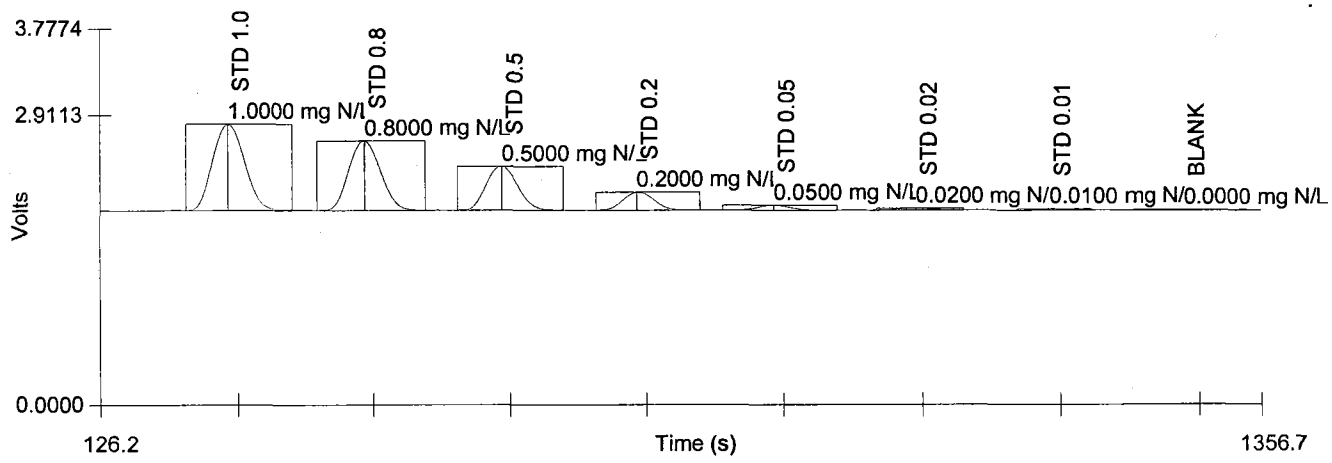
6-8-09 W

Original Run Filename: OM_6-9-2009_12-42-50PM.OMN created 6/9/2009 12:42:50 PM
Original Run Author's Signature: [Omnion User]
Current Run Filename: 060909NH3A.omn last modified 6/9/2009 3:06:21 PM
Current Run Author's Signature: [Omnion User]
Description: Default New Run

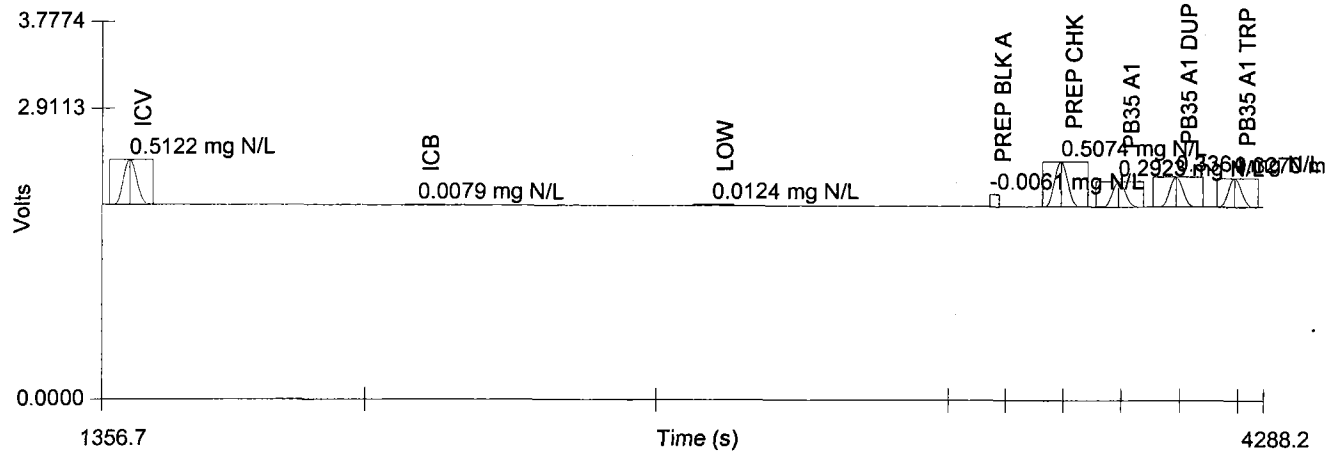
Sample	Cup No.	Channel 1 NH3 Conc. (mg N/L)	Channel 1 NH3 Area (Vs)	Detection Time	MDF
STD 1.0	S1	1.0000	33.4575	6/9/2009@12:43:53 PM	
STD 0.8	S2	0.8000	26.9851	6/9/2009@12:45:04 PM	
STD 0.5	S3	0.5000	16.7847	6/9/2009@12:46:15 PM	
STD 0.2	S4	0.2000	6.7740	6/9/2009@12:47:25 PM	
STD 0.05	S5	0.0500	1.9531	6/9/2009@12:48:36 PM	
STD 0.02	S6	0.0200	0.6798	6/9/2009@12:49:47 PM	
STD 0.01	S7	0.0100	0.4335	6/9/2009@12:50:58 PM	
BLANK	S8	0.0000	0.3116	6/9/2009@12:52:09 PM	
ICV	9	0.5122	17.2509	6/9/2009@12:53:20 PM	
Known Conc:		0.5000			
Calibration:		Table/Fig. 1			
ICB	10	0.0079	0.4250	6/9/2009@12:59:17 PM	
Known Conc:		0.0000			
LOW	11	0.0124	0.5765	6/9/2009@1:05:15 PM	
Known Conc:		0.0100			
PREP BLK A	12	-0.0061	-0.0394	6/9/2009@1:11:12 PM	
PREP CHK A	13	10.1488	17.0926	6/9/2009@1:12:23 PM	20.00
PB35 A1	14	0.2923	9.9165	6/9/2009@1:13:33 PM	
PB35 A1 DUP	15	0.3364	11.3875	6/9/2009@1:14:44 PM	
PB35 A1 TRP	16	0.3270	11.0731	6/9/2009@1:15:56 PM	
PB35 A1 MS	19	10.3202	17.3785	6/9/2009@1:17:07 PM	20.00
PB35 C1	20	0.4856	16.3653	6/9/2009@1:18:18 PM	
CCV	17	0.5166	17.3993	6/9/2009@1:19:29 PM	
Known Conc:		0.5000			
CCB	18	0.0031	0.2652	6/9/2009@1:25:26 PM	
Known Conc:		0.0000			
PB35 E1	21	0.4813	16.2200	6/9/2009@1:31:24 PM	
PB35 G1	22	0.1193	4.1443	6/9/2009@1:32:36 PM	
PB35 I1	23	0.6787	22.8058	6/9/2009@1:33:47 PM	
PB35 J1	24	0.3935	13.2919	6/9/2009@1:34:59 PM	
PB35 K1	25	0.4054	13.6897	6/9/2009@1:36:09 PM	
PB35 M1	26	0.4571	15.4129	6/9/2009@1:37:21 PM	
PB35 O1	27	0.7050	23.6854	6/9/2009@1:38:33 PM	
PB35 Q1	28	0.4370	14.7425	6/9/2009@1:39:44 PM	
PB63 A2	29	0.1453	5.0101	6/9/2009@1:40:55 PM	
PB63 B2	30	0.4491	15.1458	6/9/2009@1:42:07 PM	
CCV	17	0.5145	17.3270	6/9/2009@1:43:19 PM	
Known Conc:		0.5000			
CCB	18	0.0071	0.3987	6/9/2009@1:49:16 PM	
Known Conc:		0.0000			
PB63 C2	31	0.3781	12.7787	6/9/2009@1:55:14 PM	
PB63 D2	32	0.0681	2.4356	6/9/2009@1:56:27 PM	
PB63 E2	33	0.2897	9.8280	6/9/2009@1:57:38 PM	
PB63 F2	34	0.2785	9.4533	6/9/2009@1:58:49 PM	
PB63 G2	35	0.0464	1.7105	6/9/2009@2:00:00 PM	
PB63 H2	36	1.1480	38.4640	6/9/2009@2:01:13 PM	
PB63 I2	37	0.1684	5.7806	6/9/2009@2:02:25 PM	
PREP BLK B	38	-0.0114	-0.2187	6/9/2009@2:03:37 PM	
PREP CHK B	39	10.3924	17.4990	6/9/2009@2:04:49 PM	20.00
PB44 A2	40	0.4023	13.5835	6/9/2009@2:06:00 PM	
CCV	17	0.5177	17.4346	6/9/2009@2:07:11 PM	
Known Conc:		0.5000			
CCB	18	0.0025	0.2463	6/9/2009@2:13:10 PM	
Known Conc:		0.0000			
PB44 A2 DUP	41	0.4411	14.8800	6/9/2009@2:19:08 PM	
PB44 A2 TRP	42	0.4001	13.5108	6/9/2009@2:20:21 PM	
PB44 A2 MS	43	10.5490	17.7603	6/9/2009@2:21:33 PM	20.00
PB63 H2	44	1.1769	19.7960	6/9/2009@2:22:45 PM	2.00

PREP BLK B	38	-0.0045	0.0129	6/9/2009@2:23:58 PM	
PB44 B2	45	0.5414	18.2269	6/9/2009@2:25:09 PM	
PB44 C2	46	0.5433	18.2897	6/9/2009@2:26:21 PM	
PB44 D2	47	0.0390	1.4632	6/9/2009@2:27:34 PM	
PB44 E2	48	0.2827	9.5941	6/9/2009@2:28:46 PM	
PB44 F2	49	0.5052	17.0170	6/9/2009@2:29:59 PM	
CCV	17	0.5171	17.4144	6/9/2009@2:31:10 PM	
Known Conc:		0.5000			
CCB	18	0.0068	0.3906	6/9/2009@2:37:07 PM	
Known Conc:		0.0000			
PB44 G2	50	0.0892	3.1389	6/9/2009@2:43:06 PM	
PB44 H2	51	0.0101	0.4991	6/9/2009@2:44:19 PM	
PB44 I2	52	0.0148	0.6562	6/9/2009@2:45:31 PM	
PB44 J2	53	0.2415	8.2214	6/9/2009@2:46:44 PM	
PB44 K2	54	0.1537	5.2900	6/9/2009@2:47:56 PM	
PB44 L2	55	0.3474	11.7547	6/9/2009@2:49:08 PM	
PB44 M2	56	0.5238	17.6393	6/9/2009@2:50:21 PM	
PB44 N2	57	0.3385	11.4566	6/9/2009@2:51:34 PM	
PB44 O2	58	0.3944	13.3220	6/9/2009@2:52:46 PM	
KCL	59	0.0020	0.2305	6/9/2009@2:53:58 PM	
CCV	17	0.5123	17.2563	6/9/2009@2:55:10 PM	
Known Conc:		0.5000			
CCB	18	0.0039	0.2921	6/9/2009@3:01:07 PM	
Known Conc:		0.0000			

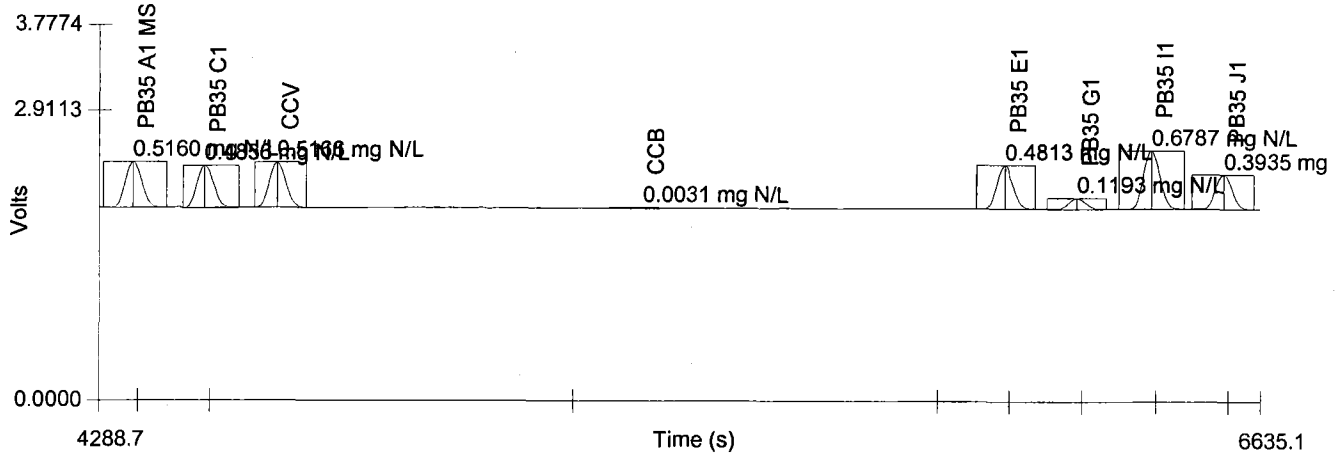
Channel 1: Set 1 of 9



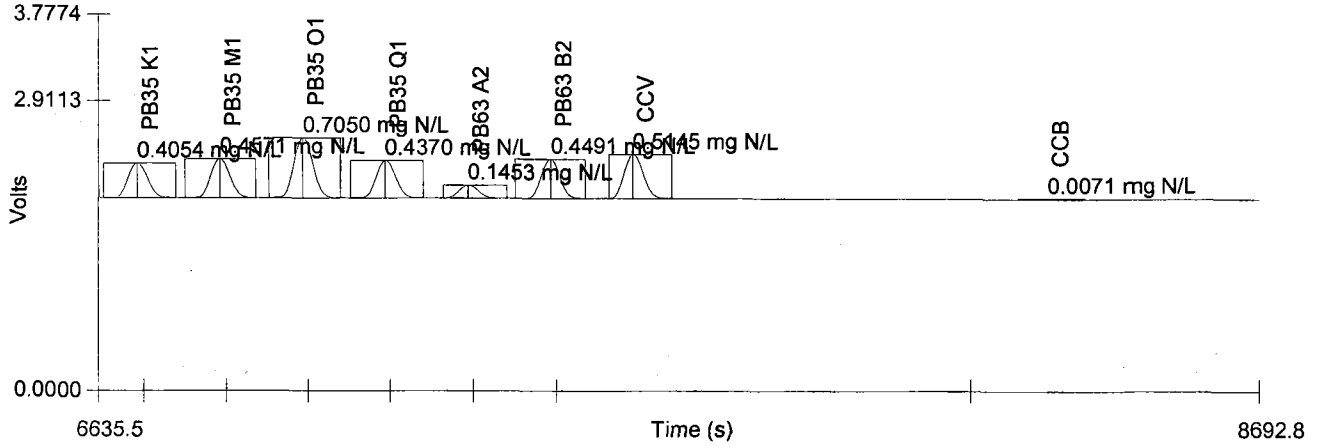
Channel 1: Set 2 of 9



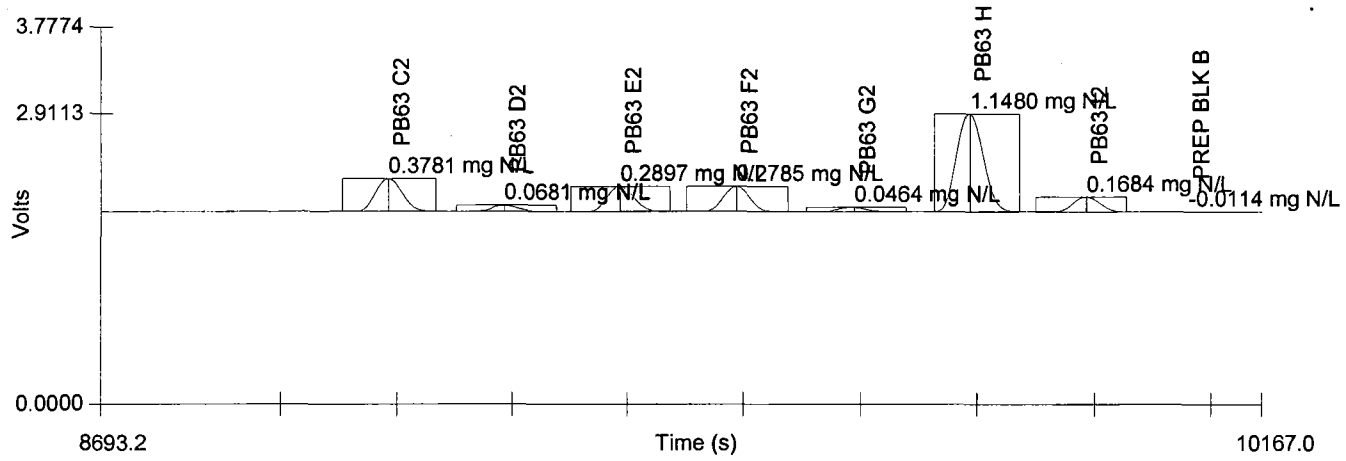
Channel 1: Set 3 of 9



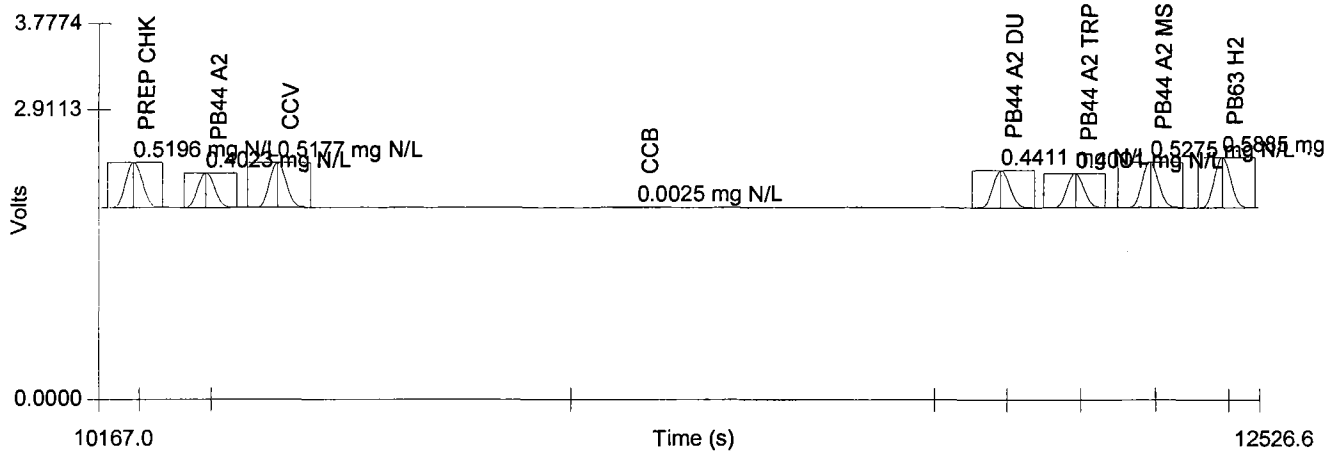
Channel 1: Set 4 of 9



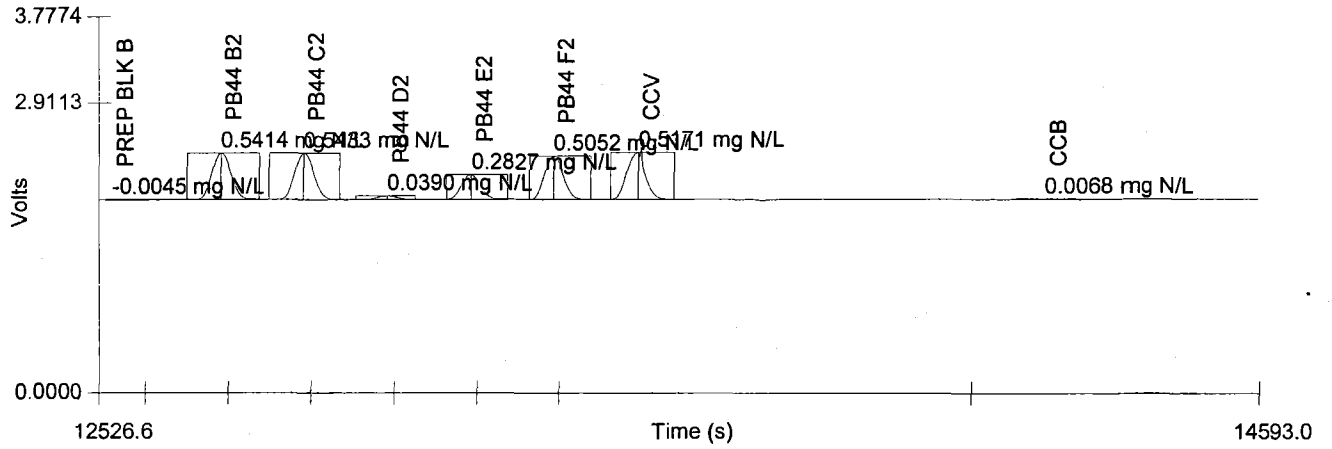
Channel 1: Set 5 of 9



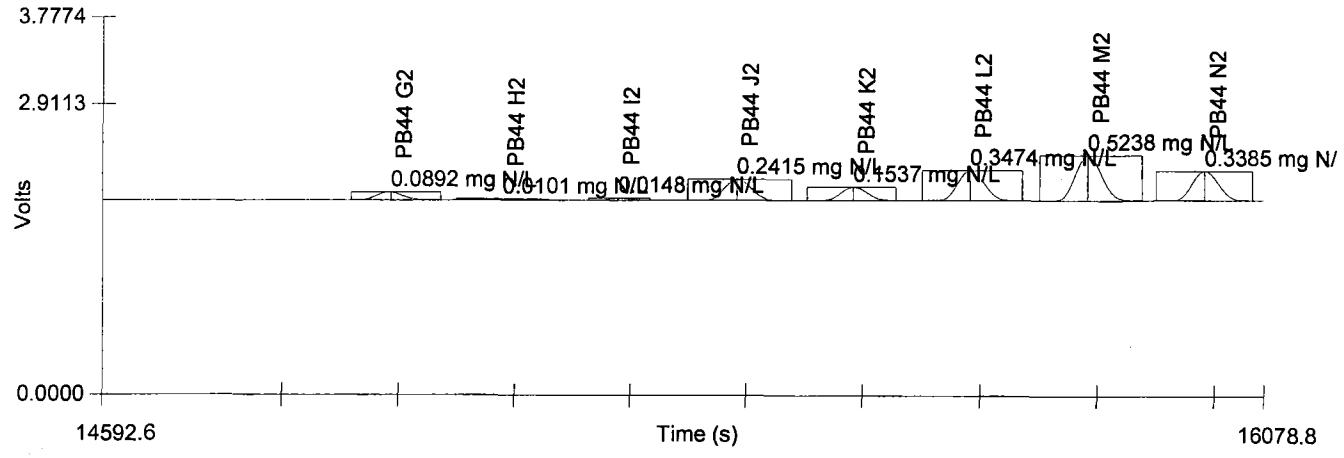
Channel 1: Set 6 of 9



Channel 1: Set 7 of 9



Channel 1: Set 8 of 9



Channel 1: Set 9 of 9

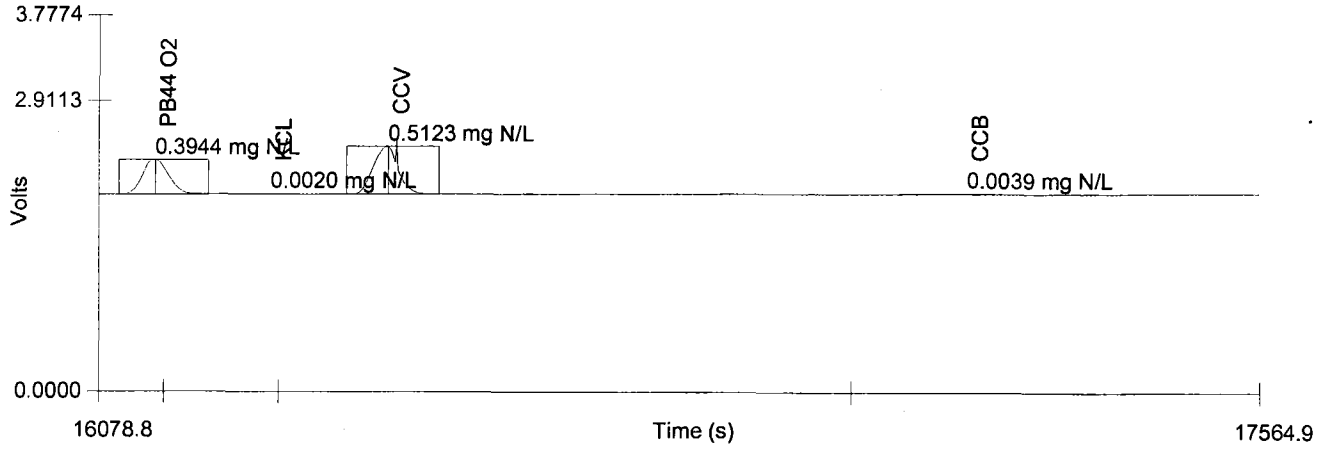
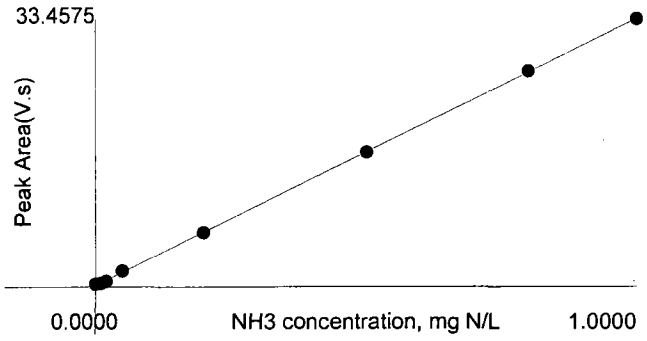


Table 1: NH3

	Conc. (mg N/L)	Rep	Peak Area (Volt-s)	Peak Height (Volts)	% Residual	Detection Date	Detection Time
1	1.0000	1	33.4575	0.8633	0.2	6/9/2009	12:43:53 PM
2	0.8000	1	26.9851	0.6955	-0.5	6/9/2009	12:45:04 PM
3	0.5000	1	16.7847	0.4394	0.4	6/9/2009	12:46:15 PM
4	0.2000	1	6.7740	0.1795	0.9	6/9/2009	12:47:25 PM
5	0.0500	1	1.9531	0.0507	-6.6	6/9/2009	12:48:36 PM
6	0.0200	1	0.6798	0.0193	18.2	6/9/2009	12:49:47 PM
7	0.0100	1	0.4335	0.0132	12.8	6/9/2009	12:50:58 PM
8	0.0000	1	0.3116	0.0057		6/9/2009	12:52:09 PM

Figure 1: NH3



Area = 33.3608 * Conc + 0.1635
Conc = 0.0300 * Area - 0.0049
Correlation Coefficient (r) = 0.99996

No Weighting

3
6-12-09

TOC, Solids Data Analysis, DC-190

DATE: 6/11/09 10:00
ANALYST: KE

Mode: NPOC *Inlet:* Boat
Spike Std = 2,000 *ppm C*

Calibration Data

Calibration Standard Source: **ARI # 0094 - 06** *Conc (ppm):* **2,000**

Observed Values (µg/g)			mean	*Cal Factor*
1,499	1,451	1,515	1,488	*1.344*

Verification Standard *Source:* **ERA 0506 - 09 - 01** *Conc (ppm):* **5,000**

Standard Reference Material *Source:* ***NIST 8704*** *Conc (ppm):* **33,510**

Blank Data

System Blanks (enter "observed C")

Replicate Determinations						Mean	condition
Replicate	1	2	3	4	5		
ppm	6.06	3.94	5.53	6.55		5.52	*OK !*

Historical Blank Limits

mean	*stdev*
17.8	7.23
LBL	-3.9
UBL	39.5

Silica Blanks (enter "corrected C" at end of run)

Replicate	1	2	3	4	5	Mean	condition

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data: Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	Spike (µL Std)	Combustion Data: Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
ICV				1.00		10.0	4884	4,878	*97.57%*
Blank				1.00		10.0	6.059		*Blank OK*
NIST 8704				1.00		3.4	30690	30,684	*91.57%*
PB44 K2				1.00		1.9	23620	23,614	*Range OK!*
PB44 K2 dup				1.00		2.0	22920	22,914	*RPD=3%*
PB44 K2 trp				1.00		1.8	20840	20,834	*RSD=6.4%*
PB44 K2 ms				1.00	20	1.5	49960	49,954	*Range OK!*
Spike =	*0.04*	*mg C to*	*1.5*	*mg samp=*	*26,667*	*ppm*		*99%*	
PB44 G2				1.00		2.9	7450	7,444	*Range OK!*
PB44 H2				1.00		1.9	3887	3,881	*Range OK!*
PB44 I 2				1.00		2.7	6611	6,605	*Range OK!*
PB44 J 2				1.00		1.7	24170	24,164	*Range OK!*
PB44 L2				1.00		2.3	22980	22,974	*Range OK!*
~~CCV~~			-	~~1.00~~		~~10.0~~	~~5687~~	~~5,681~~	~~*113.63%*~~
CCV				1.00		10.0	5373	5,367	*107.35%*
Blank				1.00		10.0	3.941		*Blank OK*
PB44 M2				1.00		3.4	13020	13,014	*Range OK!*
PB44 N2				1.00		3.3	11750	11,744	*Range OK!*
PB44 O2				1.00		2.0	40490	40,484	*Range OK!*
PB63 A2				1.00		1.5	40450	40,444	*Range OK!*
~~PB63 A2 dup~~				~~1.00~~		~~1.4~~	~~32530~~	~~32,524~~	~~*RPD=21.7%*~~
PB63 A2 dup				1.00		1.5	37320	37,314	*RPD=8.1%*
PB63 A2 trp				1.00		1.6	37420	37,414	*RSD=4.6%*
PB63 A2 ms				1.00	30	1.3	85550	85,544	*Range OK!*
Spike =	*0.06*	*mg C to*	*1.3*	*mg samp=*	*46,154*	*ppm*		*98%*	
PB63 B2				1.00		1.6	30780	30,774	*Range OK!*
PB63 C2				1.00		1.7	26010	26,004	*Range OK!*
CCV				1.00		10.0	4696	4,690	*93.81%*
~~Blank~~			-	~~1.00~~		~~10.0~~	~~131.7~~	-	~~*Check Blank*~~
~~Blank~~			-	~~1.00~~		~~10.0~~	~~119.7~~	-	~~*Check Blank*~~
Blank				1.00		10.0	5.534		*Blank OK*
PB63 D2				1.00		0.9	45770	45,764	*Range OK!*
PB63 E2				1.00		2.6	9153	9,147	*Range OK!*

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data				Spike	Combustion Data			
	Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	(µL Std)	Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
PB63 F2				1.00		1.3	12380	12,374	*Range OK!*
PB63 G2				1.00		1.4	6834	6,828	*Range OK!*
PB63 H 2				1.00		2.6	9034	9,028	*Range OK!*
PB63 I 2				1.00		2.1	14000	13,994	*Range OK!*
NIST 8704				1.00		3.1	32450	32,444	*96.82%*
CCV				1.00		10.0	5371	5,365	*107.31%*
~~Blank~~			-	~~1.00~~		~~10.0~~	~~0~~	-	*~~NO PEAK!~~*
Blank				1.00		10.0	6.551		*Blank OK*

Analytical Resources, Incorporated
Analytical Chemists and Consultants

① 6-11-09 (W)

TOC Solids Sample Run Log

Set-Up Parameters MODE: NPOC INLET: BOAT

Standards:	Source	Conc (ppm)
Calibration:	ARE 0094-06	2000
Verification:	ERA 0506-09-01	5000
SRM:	NBS 8704	33570

10.00

Sample Sequence:

Sample ID	Dilution Data (mg)		Burn Wt	Matrix Spike Data		Comments
	Sample	+ Silica Gel	mg	mg/L	µL added	
ICV			10			
ICB			10			
NBS 8704			3.4			
PB44 K2			1.9			
dup K2			2.0			
MP K2			1.8			
ms K2			1.5	2000	20	
G2			2.9			
H2			1.9			
I2			2.7			
J2			1.7			
K2			2.3			
CCV			10/10			2 inlects
CCB			10			
PB44 M2			3.4			
N2 dup ①			3.3			
O2			2.0			
PB63 A2			1.5			
MP A2			1.3 ~~2.4~~			
dup A2			1.5			
MP A2			1.6			
ms A2			1.3	2000	30	
B2			1.6			
C2			1.7			
CCV			10			
CCB			~~10~~ 10/10			2 inlects * air flow was low #1 (ORing)
PB63 D2			0.9			
E2			2.6			
F2			1.3			
G2			1.4			
H2			2.6			
I2			2.1			

06-11-09 (W)

Analytical Resources,Incorporated
Analytical Chemists and Consultants

TOC Solids Sample Run Log

Set-Up Parameters MODE: NPOC		INLET: BOAT
Standards:	**Source**	**Conc (ppm)**
Calibration:	ARI 0094-06	2000
Verification:	ERA 0506-09-01	5000
SRM:	NBS 8204	33570

10.00

Sample Sequence:

Sample ID	Dilution Data (mg)		Burn Wt	Matrix Spike Data		Comments
	Sample	+ Silica Gel	mg	mg/L	µL added	
NBS 8204			3.1			
CCV			10			
CCCB			*10/10			* No inject (no Peak)

6-11-09 (W)

6-11-09 (W)

Operating Parameters

```
Analysis method                 1
 NPOC Analysis
 Soil mode
Sample size                     10.
Calibration factor              1.010000
System blank                    0.
Std. concentration              20000.
Sample mass (mg) =   10
 1. NPOC =  4484.  ug/g
10:05:31 Thu Jun 11, 2009
Sample mass (mg) =   10
 1. NPOC =  6.059  ug/g
10:20:58 Thu Jun 11, 2009
Sample mass (mg) =   9.4
 1. NPOC =  30480  ug/g
10:56:51 Thu Jun 11, 2009

Sample mass (mg) =   1.9
 1. NPOC =  23620.  ug/g
11:24:50 Thu Jun 11, 2009
Sample mass (mg) =   2.
 1. NPOC =  20920.  ug/g
11:40:18 Thu Jun 11, 2009
Sample mass (mg) =   1.9
 1. NPOC =  26040.  ug/g
11:53:35 Thu Jun 11, 2009
Sample mass (mg) =   1.5
 1. NPOC =  49560.  ug/g
12:08:20 Thu Jun 11, 2009
Sample mass (mg) =   2.0
 1. NPOC =  7450.  ug/g
12:17:07 Thu Jun 11, 2009
Sample mass (mg) =   1.8
 1. NPOC =  9087.  ug/g
12:29:54 Thu Jun 11, 2009
Sample mass (mg) =   2.7
 1. NPOC =  6911.  ug/g
12:42:47 Thu Jun 11, 2009
Sample mass (mg) =   1.7
 1. NPOC =  24170.  ug/g
12:54:08 Thu Jun 11, 2009
Sample mass (mg) =   2.3
 1. NPOC =  23980.  ug/g
13:05:00 Thu Jun 11, 2009
Sample mass (mg) =   10.
 1. NPOC =  5307.  ug/g
13:36:18 Thu Jun 11, 2009
Sample mass (mg) =   10.
 1. NPOC =  5573.  ug/g
13:39:47 Thu Jun 11, 2009
Sample mass (mg) =   10.
 1. NPOC =  3.961  ug/g
16:59:00 Thu Jun 11, 2009

Sample mass (mg) =   3.4
 1. NPOC =  13020.  ug/g
14:11:33 Thu Jun 11, 2009
Sample mass (mg) =   3.3
 1. NPOC =  11750.  ug/g
14:26:07 Thu Jun 11, 2009
```

1. NPOC = 40490. ug/g
15:19:00 Thu Jun 11, 2009
Sample mass (mg) = 1.8
1. NPOC = 40430. ug/g
15:26:39 Thu Jun 11, 2009
Sample mass (mg) = 1.4
1. NPOC = 32530. ug/g
15:33:11 Thu Jun 11, 2009
Sample mass (mg) = 1.8
1. NPOC = 27320. ug/g
15:41:13 Thu Jun 11, 2009
Sample mass (mg) = 1.8
1. NPOC = 37420. ug/g
15:50:10 Thu Jun 11, 2009
Sample mass (mg) = 1.8
1. NPOC = 33550. ug/g
16:00:00 Thu Jun 11, 2009
Sample mass (mg) = 1.8
1. NPOC = 30730. ug/g
16:09:05 Thu Jun 11, 2009
Sample mass (mg) = 1.7
1. NPOC = 20010. ug/g
16:15:11 Thu Jun 11, 2009
Sample mass (mg) = 10.
1. NPOC = 4696. ug/g
16:30:08 Thu Jun 11, 2009
Sample mass (mg) = 10.
1. NPOC = 131.7 ug/g
16:40:39 Thu Jun 11, 2009
Sample mass (mg) = 10.
1. NPOC = 119.7 ug/g
16:46:04 Thu Jun 11, 2009
Sample mass (mg) = 10.
1. NPOC = 6.594 ug/g
17:01:10 Thu Jun 11, 2009

Sample mass (mg) = 0.9
1. NPOC = 45770. ug/g
17:07:28 Thu Jun 11, 2009
Sample mass (mg) = 2.3
1. NPOC = 6158. ug/g
17:13:54 Thu Jun 11, 2009
Sample mass (mg) = 1.5
1. NPOC = 12390. ug/g
17:24:27 Thu Jun 11, 2009
Sample mass (mg) = 1.4
1. NPOC = 6634. ug/g
17:37:07 Thu Jun 11, 2009
Sample mass (mg) = 2.6
1. NPOC = 9034. ug/g
17:49:08 Thu Jun 11, 2009
Sample mass (mg) = 2.1
1. NPOC = 14000. ug/g
17:57:56 Thu Jun 11, 2009
Sample mass (mg) = 3.1
1. NPOC = 32450. ug/g
18:06:07 Thu Jun 11, 2009
Sample mass (mg) = 10.
1. NPOC = 537.1 ug/g
18:10:19 Thu Jun 11, 2009

Power off at:
18:10:55 Thu Jun 11, 2009
Power on at: 18:11:01 Thu Jun 11, 2009
Sample mass (mg) = 10.

Collected: Wed Jun 10, 2009
Sample mass (mg) = 10.
1. HPOC = 0.351 ug/g
10:15:50 Thu Jun 11, 2009

6-10-09

TOC, Solids Data Analysis, DC-190

DATE: 6/10/09 10:48
ANALYST: KE

Mode: NPOC *Inlet:* Boat
Spike Std = 2,000 *ppm C*

Calibration Data

Calibration Standard Source: ARI # 0094 - 06 *Conc (ppm):* 2,000

Observed Values (µg/g)			mean	*Cal Factor*
1,499	1,451	1,515	1,488	*1.344*

Verification Standard *Source:* ERA 0506 - 09 - 01 *Conc (ppm):* 5,000

Standard Reference Material *Source:* *NIST 8704* *Conc (ppm):* 33,510

Blank Data

System Blanks (enter "observed C")

Replicate Determinations						Mean	condition
Replicate	1	2	3	4	5		
ppm	28.14	6.24	6.34	3.13		10.96	*OK !*

Historical Blank Limits

mean	*stdev*
17.8	7.23
LBL	-3.9
UBL	39.5

Silica Blanks (enter "corrected C" at end of run)

Replicate	1	2	3	4	5	Mean	condition
	19.0	22.0	26.0			22.33	OK !

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data				Spike	Combustion Data			
	Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	(µL Std)	Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
ICV				1.00		10.0	5020	5,009	*100.18%*
~~Blank~~			-	~~1.00~~		~~10.0~~	~~1.992~~	-	~~*BOAT BURN*~~
Blank				1.00		10.0	28.14		*Blank OK*
NIST 8704				1.00		2.9	32490	32,479	*96.92%*
~~SB 1~~			-	~~1.00~~		~~9.6~~	~~19.88~~	~~9~~	~~*Low Scale*~~
SB 2				1.00		27.7	29.54	19	*Range OK!*
SB 3				1.00		38.1	33.33	22	*Range OK!*
~~SB 4~~			-	~~1.00~~		~~39.8~~	~~22.97~~	~~12~~	~~*Range OK!*~~
~~SB 5~~			-	~~1.00~~		~~62.5~~	~~28.36~~	~~17~~	~~*Range OK!*~~
~~SB 6~~			-	~~1.00~~		~~9.6~~	~~96.4~~	~~85~~	~~*Range OK!*~~
~~SB 7~~			-	~~1.00~~		~~9.9~~	~~22.45~~	~~11~~	~~*Low Scale*~~
SB 8				1.00		18.1	37.42	26	*Range OK!*
~~SB 9~~			-	~~1.00~~		~~17.6~~	~~22.06~~	~~11~~	~~*Low Scale*~~
~~CCV~~			-	~~1.00~~		~~10.0~~	~~5823~~	~~5,812~~	~~*116.24%*~~
CCV				1.00		10.0	5378	5,367	*107.34%*
Blank				1.00		10.0	6.237		*Blank OK*
PB20 E2	14.9	149.7	90.05%	10.05		1.9	8897	89,186	*Range OK!*
PB20 E2 dup	14.5	145.4	90.03%	10.03		1.9	10820	108,297	*RPD=19.4%*
~~PB20 E2 trp~~	~~14.6~~	~~145.3~~	~~89.95%~~	~~9.95~~		~~1.8~~	~~3948~~	~~39,091~~	~~*RSD=45.3%*~~
PB20 E2 trp	14.6	145.3	89.95%	9.95		2.0	8748	86,861	*RSD=12.4%*
~~PB20 E2 ms~~	~~14.9~~	~~149.7~~	~~90.05%~~	~~10.05~~	~~10~~	~~2.3~~	~~23310~~	~~233,993~~	~~*Range OK!*~~
~~*Spike =*~~	~~*0.02*~~	~~*mg C to*~~	~~*0.2*~~	~~*mg samp=*~~	~~*87,365*~~	~~*ppm*~~			~~*166%*~~
PB20 E2 ms	14.9	149.7	90.05%	10.05	10	1.4	26410	265,139	*Range OK!*
Spike =	*0.02*	*mg C to*	*0.1*	*mg samp=*	*143,528*	*ppm*			*123%*
PB20 A2				1.00		1.6	3864	3,853	*Range OK!*
PB20 B2				1.00		1.0	69550	69,539	*Range OK!*
PB20 C2				1.00		1.0	22690	22,679	*Range OK!*
PB20 D2				1.00		2.5	5475	5,464	*Range OK!*
CCV				1.00		10.0	4820	4,809	*96.18%*
~~Blank~~			-	~~1.00~~		~~10.0~~	~~62.43~~	-	~~*Blank OK*~~
~~Blank~~			-	~~1.00~~		~~10.0~~	~~0~~	-	~~*NO PEAK!*~~
Blank				1.00		10.0	6.342		*Blank OK*
PB20 F2				1.00		1.0	28970	28,959	*Range OK!*

Sample Data *(Entered data must match the Dohrmann output report !)*

"Corrected C" (no dilution) = "Observed C" - Mean Blank

*"Corrected C" (with dilution) = ("Observed C" - (Mean silica Blank * %Silica)) * Dilution Factor*

Sample ID	Dilution Data				Spike	Combustion Data			
	Sample wt. (mg)	Final wt. (mg)	Silica (%)	Dilution Factor	(µL Std)	Burn wt. (mg)	Observed C (ppm C)	Corrected C (ppm C)	
PB20 G2	10.9	105.1	89.63%	9.64		1.4	15130	145,694	*Range OK!*
PB20 H2	11.8	104.6	88.72%	8.86		1.8	10290	91,039	*Range OK!*
PB20 I 2				1.00		2.0	5286	5,275	*Range OK!*
PB44 A2				1.00		1.8	15210	15,199	*Range OK!*
PB44 B2				1.00		2.7	7155	7,144	*Range OK!*
PB44 C2				1.00		2.5	11460	11,449	*Range OK!*
PB44 D2				1.00		1.1	64930	64,919	*Range OK!*
PB44 E2				1.00		1.6	20240	20,229	*Range OK!*
PB44 F2				1.00		1.4	21000	20,989	*Range OK!*
NIST 8704				1.00		3.4	30450	30,439	*90.84%*
CCV				1.00		10.0	4953	4,942	*98.84%*
Blank				1.00		10.0	3.134		*Blank OK*

Analytical Resources, Incorporated
Analytical Chemists and Consultants

08-12-09 (W)

TOC Solids Sample Run Log

Set-Up Parameters MODE: NPOC INLET: BOAT

Standards:	Source	Conc (ppm)
Calibration:	ARI 0094-06	2000
Verification:	ERA 0506-09-01	5000
SRM:	NBS 8704	33570

10:48

Sample Sequence:

Sample ID	Dilution Data (mg)		Burn Wt	Matrix Spike Data		Comments
	Sample	+ Silica Gel	mg	mg/L	µL added	
ICV			10			
ICB			10			
ICB			10			
NBS 8704			2.9			
SB 1			9.6			
2			27.7			
3			38.1			
4			39.8			
5			62.5			
6			9.6			
7			9.9			
8			18.1			
9			17.6			
CCV			*10/10			AIR FLOW LOW 2 INJECTS
CCB			10			
PB20 E2	14.9	149.7	1.9			
dE2	14.5	145.4	1.9			
dE2	14.6	145.3	1.8			- Low Rerun -
dE2	14.6	145.3	2.0			
MSE2	14.9	149.7	2.3	2000	10	high
MSE2	14.9	149.7	1.4	2000	10	
A2			1.6			
B2			1.0			
C2			1.0			
D2			2.5			
CCV			*10/10			
CCB			10/**18/10			*Boat Burn/**10 inject
PB20 F2			1.0			
G2	10.9	105.1	1.4			
H2	11.8	104.6	1.8			
I2			2.0			
PB44 A2			1.8			

①6-10-09(W)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

TOC Solids Sample Run Log

Page 2 of 2

Set-Up Parameters MODE: NPOC			INLET: Boat
Standards:	**Source**	**Conc (ppm)**	
Calibration:	ARI 0094-06	2000	10:48
Verification:	ERA 0506-09-01	5000	
SRM:	NBS 8704	33510	

Sample Sequence:

Sample ID	Dilution Data (mg)		Burn Wt	Matrix Spike Data		Comments
	Sample	+ Silica Gel	mg	mg/L	µL added	
PB44 B2			2.7			
C2			2.5			
D2			1.1			
E2			1.6			
F2			1.4			
NBS 8704			3.4			
CCV			10			
CCB			10			

6-10-09 (10)

6-10-09(4)

Operating Parameters

```
Analysis set-up          1
 VOCs Analysis
 Dust meds
Sample mins                 10.
Calibration factor      1.000000
System blank                .0
Std. Description: eg005
Sample mass (mg) =          10.
 1. NPOC = 5010.  ug/g
11:02:10 Wed Jun 10, 2009
Sample mass (mg) =          10.
 1. NPOC = 1.280  ug/g
11:29:57 Wed Jun 10, 2009
Sample mass (mg) =          10
 1. NPOC = 20.14 ug/g
11:13:20 Wed Jun 10, 2009
Sample mass (mg) =         2.9
 1. NPOC = 22490. ug/g
11:49:37 Wed Jun 10, 2009
Sample mass (mg) =         9.6
 1. NPOC = 12.85 ug/g
12:59:15 Wed Jun 10, 2009
Sample mass (mg) =        27.7
 1. NPOC = 29.54 ug/g
13:13:13 Wed Jun 10, 2009
Sample mass (mg) =        58.1
 1. NPOC = 38.50 ug/g
13:21:58 Wed Jun 10, 2009
Sample mass (mg) =        30.8
 1. NPOC = 22.37 ug/g
13:27:58 Wed Jun 10, 2009
Sample mass (mg) =        82.5
 1. NPOC = 128.30 ug/g
13:33:15 Wed Jun 10, 2009
Sample mass (mg) =         5.6
 1. NPOC = 23.71 ug/g
13:38:00 Wed Jun 10, 2009
Sample mass (mg) =         9.5
 1. NPOC = 22.45 ug/g
13:46:24 Wed Jun 10, 2009
Sample mass (mg) =        10.1
 1. NPOC = 37.42 ug/g
13:00:54 Wed Jun 10, 2009
Sample mass (mg) =        17.6
 1. NPOC = 32.00 ug/g
13:11:32 Wed Jun 10, 2009
Sample mass (mg) =          10.
 1. NPOC = 5923. ug/g
13:30:33 Wed Jun 10, 2009
Sample mass (mg) =          10.
 1. NPOC = 5379. ug/g
13:40:09 Wed Jun 10, 2009
Sample mass (mg) =          10.
 1. NPOC = 0.287 ug/g
13:45:26 Wed Jun 10, 2009
Sample mass (mg) =         1.9
 1. NPOC = 8837. ug/g
13:56:34 Wed Jun 10, 2009
Sample mass (mg) =         1.9
 1. NPOC = 10820. ug/g
```

Sample mass (mg) = 1.8
1. NPOC = 5946. ug/g
14:16:06 Wed Jun 10, 2009
Sample mass (mg) = 2.
1. NPOC = 8720. ug/g
14:21:36 Wed Jun 10, 2009
Sample mass (mg) = 2.2
1. NPOC = 20310. ug/g
14:30:40 Wed Jun 10, 2009
Sample mass (mg) = 1.4
1. NPOC = 56410. ug/g
15:10:44 Wed Jun 10, 2009
Sample mass (mg) = 1.6
1. NPOC = 3904. ug/g
15:20:34 Wed Jun 10, 2009
Sample mass (mg) = 1.
1. NPOC = 68570. ug/g
15:27:05 Wed Jun 10, 2009
Sample mass (mg) = 1.
1. NPOC = 20590. ug/g
15:35:26 Wed Jun 10, 2009
Sample mass (mg) = 2.5
1. NPOC = 5476. ug/g
15:44:56 Wed Jun 10, 2009
Sample mass (mg) = 10.
1. NPOC = 4920. ug/g
15:50:06 Wed Jun 10, 2009
Sample mass (mg) = 10.
1. NPOC = 83.43 ug/g
15:52:10 Wed Jun 10, 2009
Sample mass (mg) = 10.

1. NPOC = 0. ug/g No Peak!!
15:53:52 Wed Jun 10, 2009
Sample mass (mg) = 10.
1. NPOC = 6.342 ug/g
16:07:37 Wed Jun 10, 2009
Sample mass (mg) = 1.
1. NPOC = 28570. ug/g
16:15:42 Wed Jun 10, 2009
Sample mass (mg) = 1.4
1. NPOC = 16130. ug/g
16:18:35 Wed Jun 10, 2009
Sample mass (mg) = 1.8
1. NPOC = 10280. ug/g
16:38:48 Wed Jun 10, 2009
Sample mass (mg) = 2.
1. NPOC = 5896. ug/g
16:49:20 Wed Jun 10, 2009
Sample mass (mg) = 1.8
1. NPOC = 15210. ug/g
16:53:43 Wed Jun 10, 2009
Sample mass (mg) = 2.7
1. NPOC = 7155. ug/g
17:05:24 Wed Jun 10, 2009
Sample mass (mg) = 2.5
1. NPOC = 11400. ug/g
17:11:24 Wed Jun 10, 2009
Sample mass (mg) = 1.1
1. NPOC = 54090. ug/g
17:17:31 Wed Jun 10, 2009
Sample mass (mg) = 1.6
1. NPOC = 20940. ug/g
17:24:19 Wed Jun 10, 2009
Sample mass (mg) = 1.4

17:34:18 Wed Jun 10, 2009
Sample mass (mg) = 2.4
1. NPOC = 20450. ug/g
17:37:41 Wed Jun 10, 2009
Sample mass (mg) = 10.
1. NPOC = 4953. ug/g
17:41:47 Wed Jun 10, 2009
Sample mass (mg) = 10.
1. NPOC = 1.134 ug/g
17:44:21 Wed Jun 10, 2009

ANALYTICAL
RESOURCES
INCORPORATED

ANALYST NOTES

ARI Job No: PB 20 Client Name:

Parameter: TOC SOLIDS Client Project:

High spike recovery (109 to 166% dependant upon run and background concentration) probably due to variation in sample data. Overall mean of 86800 ppm varied by 26% relative to the three preps — duplicate burns for prep 3 varied by 54%

Data would be as follows:

rep	burn 1	burn 2	mean	RSD
1	89186		89186	
2	108297		108297	
3	39091	86861	62976	54%
overall mean			86820	
overall RSD			26%	

Analyst: MMB 6-11-09 Date Analyzed: 6-10-09

ANALYTICAL
RESOURCES
INCORPORATED

ANALYST NOTES

ARI Job No: PB44 Client Name: Environmental Science Corp.

Parameter: TOC Client Project: JELD-WEN NORD DOOR

Sample PB44 F2 had no initial weight recorded and Sample PB44 I2 had a higher final weight than initial weight. Both samples were run again.

Analyst: BL Date Analyzed: 6/5/09

6147F

Rev. 7
06/3/04

Geotechnical Analysis

prepared
for

ENVIROMENTAL SCIENCE CORP.

Project: JELD-WEN NORD DOOR

ARI JOB NO: PB44

prepared
by

Analytical Resources, Inc.

Environmental Science Corp.
JELD-WEN NORD DOOR

Apparent Grain Size Distribution Summary
Percent Finer Than Indicated Size

Sample No.	Gravel			Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt				Clay	
Phi Size	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Sieve Size (microns)	3/8"	#4 (4750)	#10 (2000)	#18 (1000)	#35 (500)	#60 (250)	#120 (125)	#230 (63)	31.00	15.60	7.80	3.90	2.00	1.00
3SED7-C	100.0	100.0	97.7	94.7	91.9	88.1	85.1	83.4	78.1	55.5	33.8	21.0	14.6	8.2
	100.0	100.0	99.4	97.5	95.0	91.1	88.3	86.5	80.1	58.5	35.4	21.7	15.5	8.6
	100.0	100.0	99.1	96.8	94.6	91.3	88.6	86.9	80.8	57.3	35.7	21.7	15.5	9.0
3SED4-A	100.0	67.2	56.1	50.2	37.0	15.5	7.4	5.6	4.9	3.7	2.7	1.9	1.4	0.8
3SED4-B	100.0	93.1	89.1	82.2	61.9	31.7	17.9	14.9	13.0	8.5	5.8	3.9	2.9	1.7
3SED4-C	100.0	98.8	98.0	93.4	76.4	47.1	32.0	26.9	20.1	13.3	8.7	5.7	3.9	2.6
3SED3-A	100.0	51.5	40.3	33.1	25.5	18.5	15.1	13.3	11.7	9.0	6.2	4.0	2.4	1.3
3SED3-B	100.0	96.6	93.6	89.0	83.6	78.4	74.3	70.4	63.2	45.0	27.6	17.9	11.5	7.3
3SED3-C	100.0	85.6	72.7	64.6	57.1	50.3	46.4	43.7	40.2	28.4	17.9	10.9	6.8	4.5
3SED6-A	100.0	47.9	35.9	27.9	18.3	7.2	4.0	2.9	NA	NA	NA	NA	NA	NA
3SED6-B	100.0	43.3	34.4	28.9	21.5	12.3	10.1	8.9	4.2	3.2	2.4	1.7	1.1	0.7
3SED6-C	100.0	37.5	30.1	23.9	16.2	8.2	6.2	4.9	3.9	3.0	2.2	1.6	1.1	0.6
3SED7-A	100.0	62.0	48.6	40.7	32.3	20.9	16.1	15.2	11.3	8.3	5.1	3.4	2.1	1.3
3SED7-B	100.0	99.2	98.4	95.5	93.0	87.7	83.6	81.4	71.2	50.7	31.9	19.7	13.1	8.1
3SED9-A	100.0	99.6	99.4	97.6	96.1	93.4	91.1	89.6	84.8	68.1	42.5	18.9	11.2	7.6
3SED9-B	100.0	82.4	79.4	76.6	73.4	69.7	67.8	66.5	60.0	48.4	27.3	10.8	6.1	4.0
3SED9-C	100.0	99.1	97.7	95.5	89.7	80.5	77.4	76.0	71.2	55.9	32.6	12.0	5.5	4.3

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

Environmental Science Corp.
JELD-WEN NORD DOOR

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay			Total Fines
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10	<4
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0	<230 (<62)
3SED7-C	2.3	3.0	2.9	3.7	3.0	1.8	5.3	22.5	21.7	12.8	6.4	6.3	8.2	83.4
	0.6	1.9	2.5	3.9	2.8	1.7	6.4	21.6	23.0	13.7	6.2	6.9	8.6	86.5
	0.9	2.3	2.2	3.3	2.8	1.6	6.1	23.5	21.6	14.1	6.2	6.5	9.0	86.9
3SED4-A	43.9	5.9	13.2	21.5	8.2	1.8	0.7	1.2	1.0	0.8	0.5	0.6	0.8	5.6
3SED4-B	10.9	7.0	20.3	30.2	13.8	3.0	1.9	4.5	2.7	1.9	1.0	1.2	1.7	14.9
3SED4-C	2.0	4.6	17.0	29.3	15.1	5.1	6.8	6.8	4.6	2.9	1.8	1.3	2.6	26.9
3SED3-A	59.7	7.1	7.6	7.0	3.4	1.8	1.6	2.8	2.7	2.2	1.6	1.1	1.3	13.3
3SED3-B	6.4	4.6	5.4	5.3	4.1	3.9	7.2	18.3	17.4	9.7	6.4	4.2	7.3	70.4
3SED3-C	27.3	8.2	7.5	6.9	3.9	2.6	3.6	11.8	10.5	7.0	4.0	2.3	4.5	43.7
3SED6-A	64.1	8.0	9.6	11.1	3.2	1.0	NA	NA	NA	NA	NA	NA	NA	2.9
3SED6-B	65.6	5.5	7.5	9.2	2.2	1.2	4.7	1.0	0.8	0.7	0.6	0.4	0.7	8.9
3SED6-C	69.9	6.3	7.7	8.0	1.9	1.3	1.0	0.9	0.8	0.6	0.5	0.4	0.6	4.9
3SED7-A	51.4	7.9	8.4	11.4	4.8	0.9	4.0	2.9	3.2	1.7	1.4	0.8	1.3	15.2
3SED7-B	1.6	2.9	2.6	5.3	4.1	2.2	10.2	20.5	18.8	12.2	6.6	5.0	8.1	81.4
3SED9-A	0.6	1.8	1.5	2.6	2.3	1.6	4.7	16.7	25.6	23.6	7.7	3.6	7.6	89.6
3SED9-B	20.6	2.7	3.2	3.8	1.9	1.3	6.5	11.6	21.1	16.5	4.7	2.1	4.0	66.5
3SED9-C	2.3	2.3	5.8	9.1	3.1	1.4	4.8	15.4	23.3	20.6	6.5	1.2	4.3	76.0

Notes to the Testing:
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

QA SUMMARY

Client:	Environmental Science Corp.	Client Project No.:	JELD-WEN NORD DOOR
ARI Trip. Sample ID:	PB44 L	Batch No.:	PB44-1
Client Trip. Sample ID:	3SED7-C	Page:	1 of 1

Relative Standard Deviation, By Phi Size

Sample ID	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
3SED7-C	100.0	100.0	97.7	94.7	91.9	88.1	85.1	83.4	78.1	55.5	33.8	21.0	14.6	8.2
	100.0	100.0	99.4	97.5	95.0	91.1	88.3	86.5	80.1	58.5	35.4	21.7	15.5	8.6
	100.0	100.0	99.1	96.8	94.6	91.3	88.6	86.9	80.8	57.3	35.7	21.7	15.5	9.0
AVE	NA	100.00	98.72	96.34	93.84	90.19	87.32	85.61	79.65	57.10	34.98	21.48	15.19	8.61
STDEV	NA	0.00	0.91	1.44	1.73	1.78	1.90	1.95	1.43	1.49	1.05	0.41	0.55	0.38
%RSD	NA	0.00	0.92	1.50	1.84	1.97	2.17	2.27	1.79	2.61	3.00	1.92	3.63	4.42

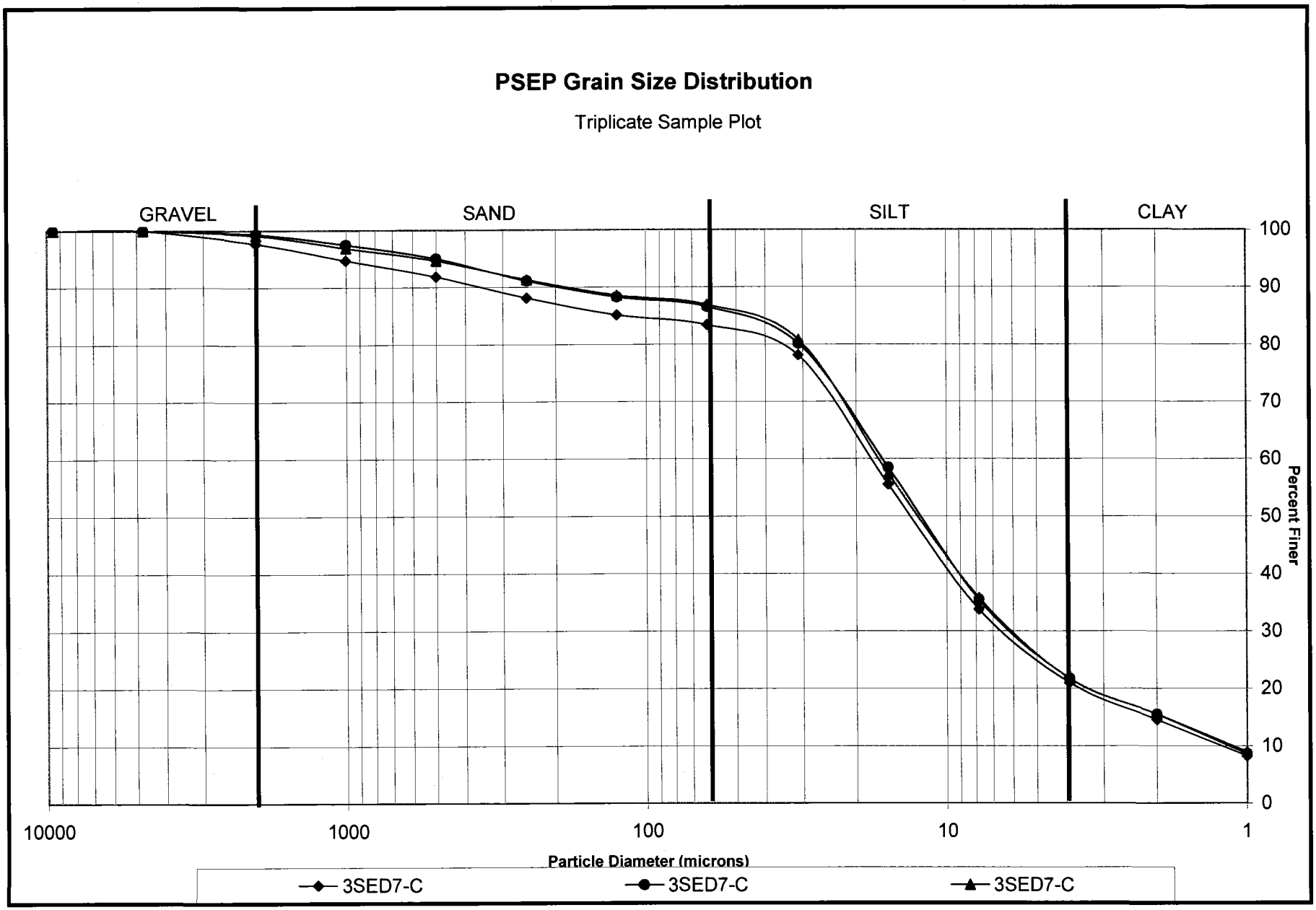
The Triplicate Applies To The Following Samples

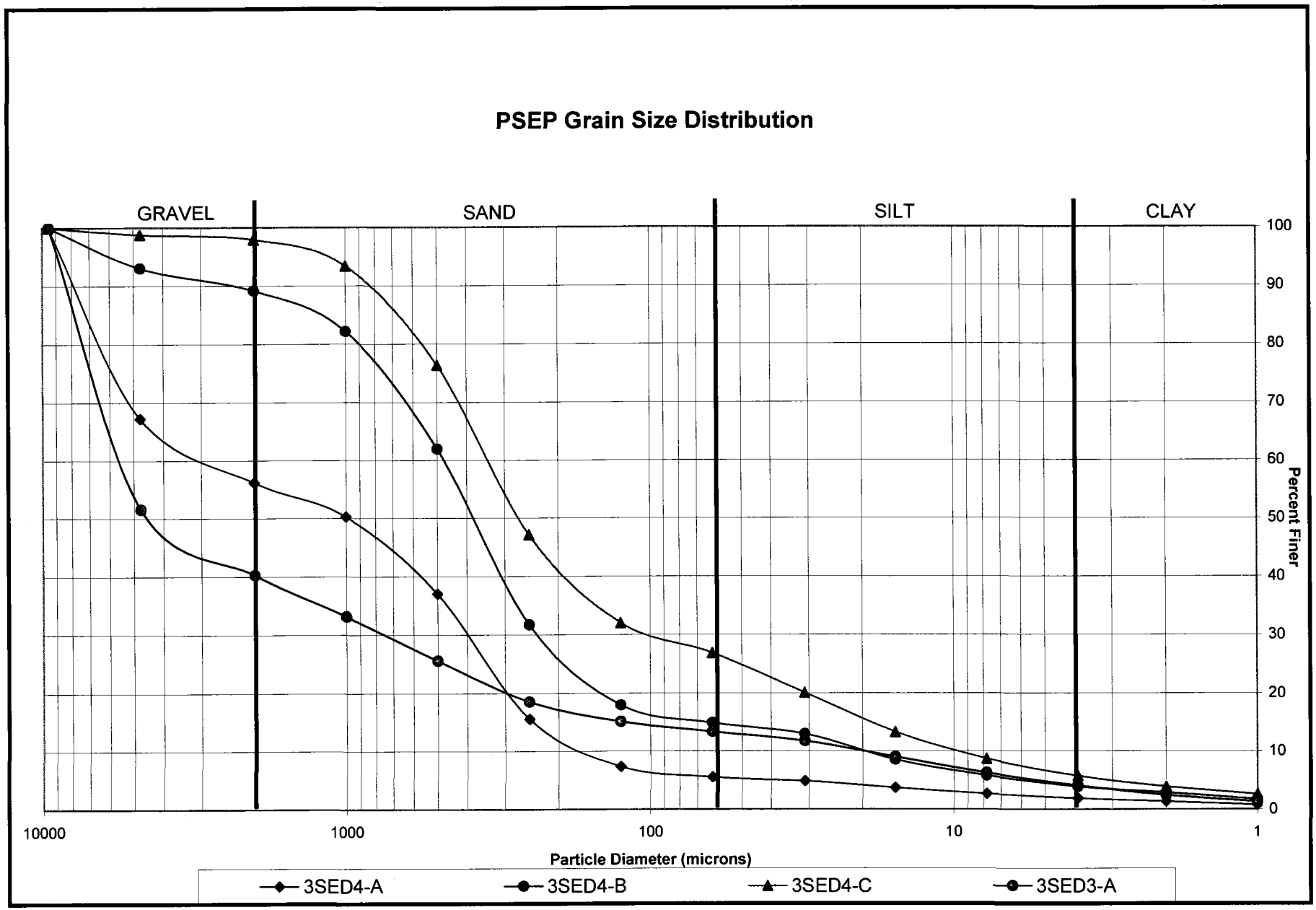
Client ID	Date Sampled	Date Extracted	Date Complete	QA Ratio (95-105)	Data Qualifiers	Pipette Portion (5.0-25.0g)
3SED7-C	6/4/2009	6/16/2009	6/23/2009	99.5		14.8
	6/4/2009	6/16/2009	6/23/2009	98.9		15.5
	6/4/2009	6/16/2009	6/23/2009	101.2		16.2
3SED4-A	6/4/2009	6/17/2009	6/23/2009	99.9		7.0
3SED4-B	6/4/2009	6/17/2009	6/23/2009	98.8		10.9
3SED4-C	6/4/2009	6/17/2009	6/23/2009	101.1		15.2
3SED3-A	6/4/2009	6/18/2009	6/23/2009	100.2		11.1
3SED3-B	6/4/2009	6/18/2009	6/23/2009	98.2		13.1
3SED3-C	6/4/2009	6/18/2009	6/23/2009	98.4		12.5
3SED6-A	6/4/2009	6/19/2009	6/23/2009	98.9		3.7
3SED6-B	6/4/2009	6/18/2009	6/23/2009	104.1		11.8
3SED6-C	6/4/2009	6/18/2009	6/23/2009	99.9		6.5
3SED7-A	6/4/2009	6/18/2009	6/23/2009	103.9		10.2
3SED7-B	6/4/2009	6/18/2009	6/23/2009	98.1		14.8
3SED9-A	6/4/2009	6/18/2009	6/23/2009	99.6		16.5
3SED9-B	6/4/2009	6/18/2009	6/23/2009	101.2		18.0
3SED9-C	6/4/2009	6/18/2009	6/23/2009	99.1		13.9

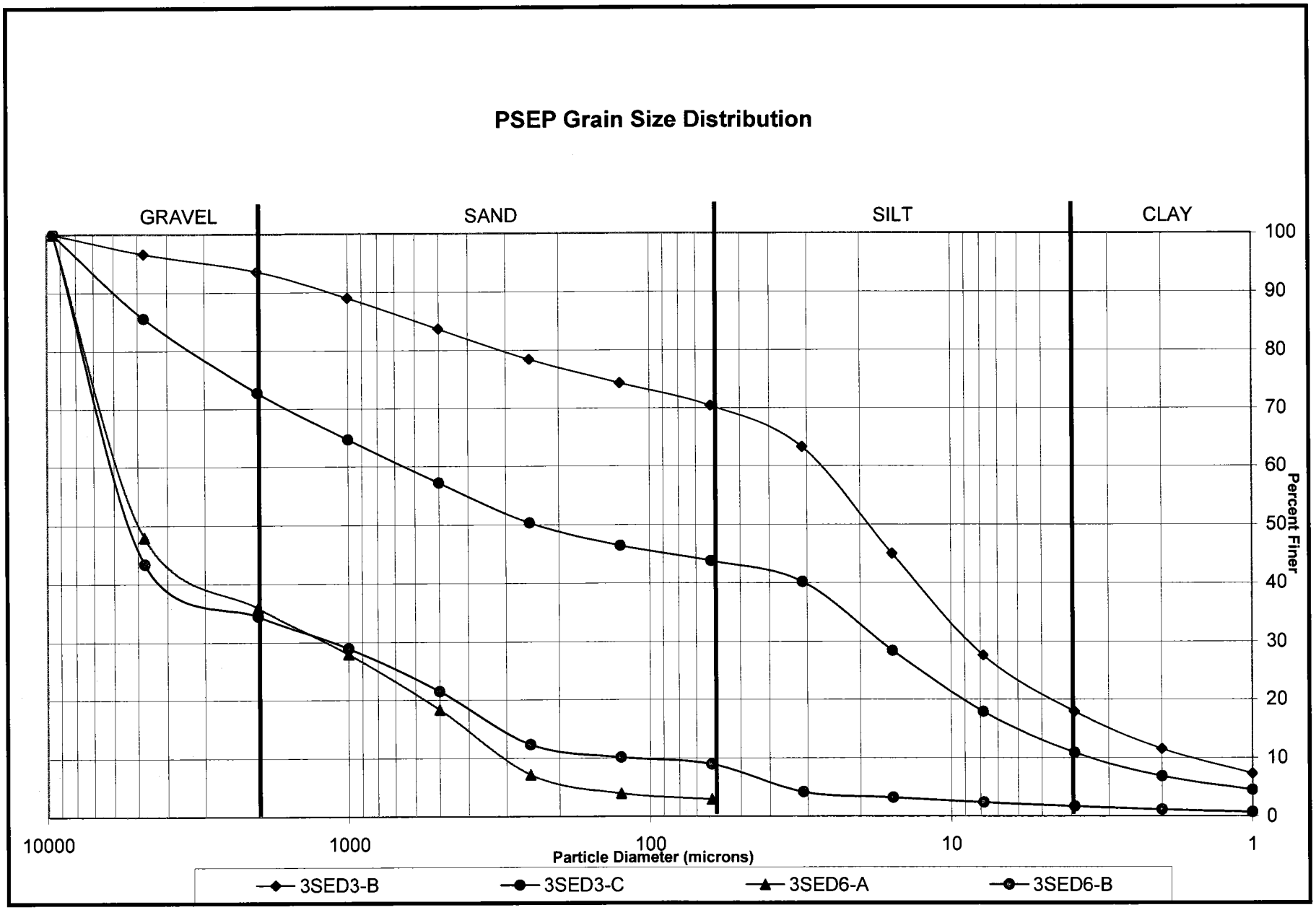
* ARI Internal QA limits = 95-105%

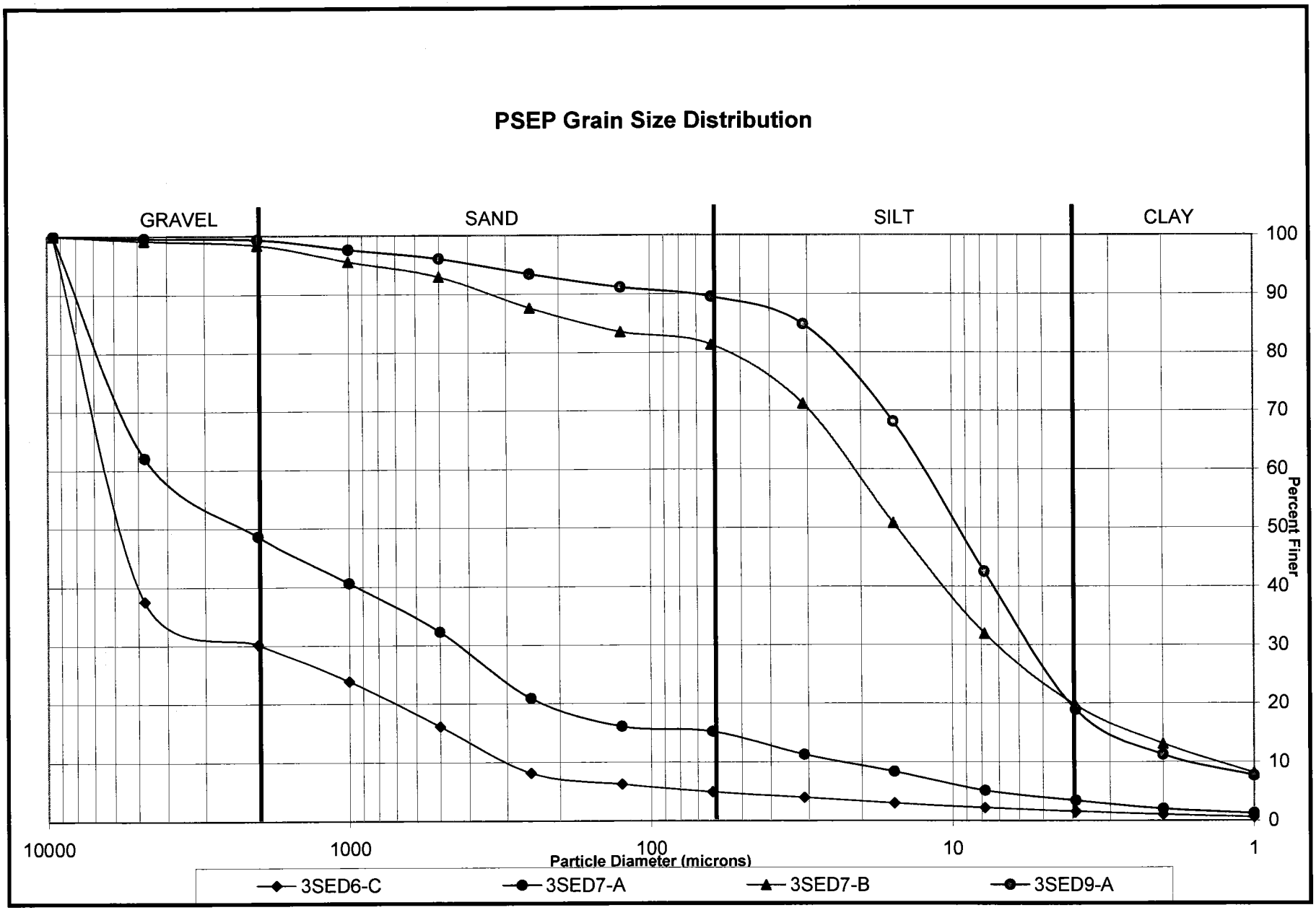
Notes to the Testing:

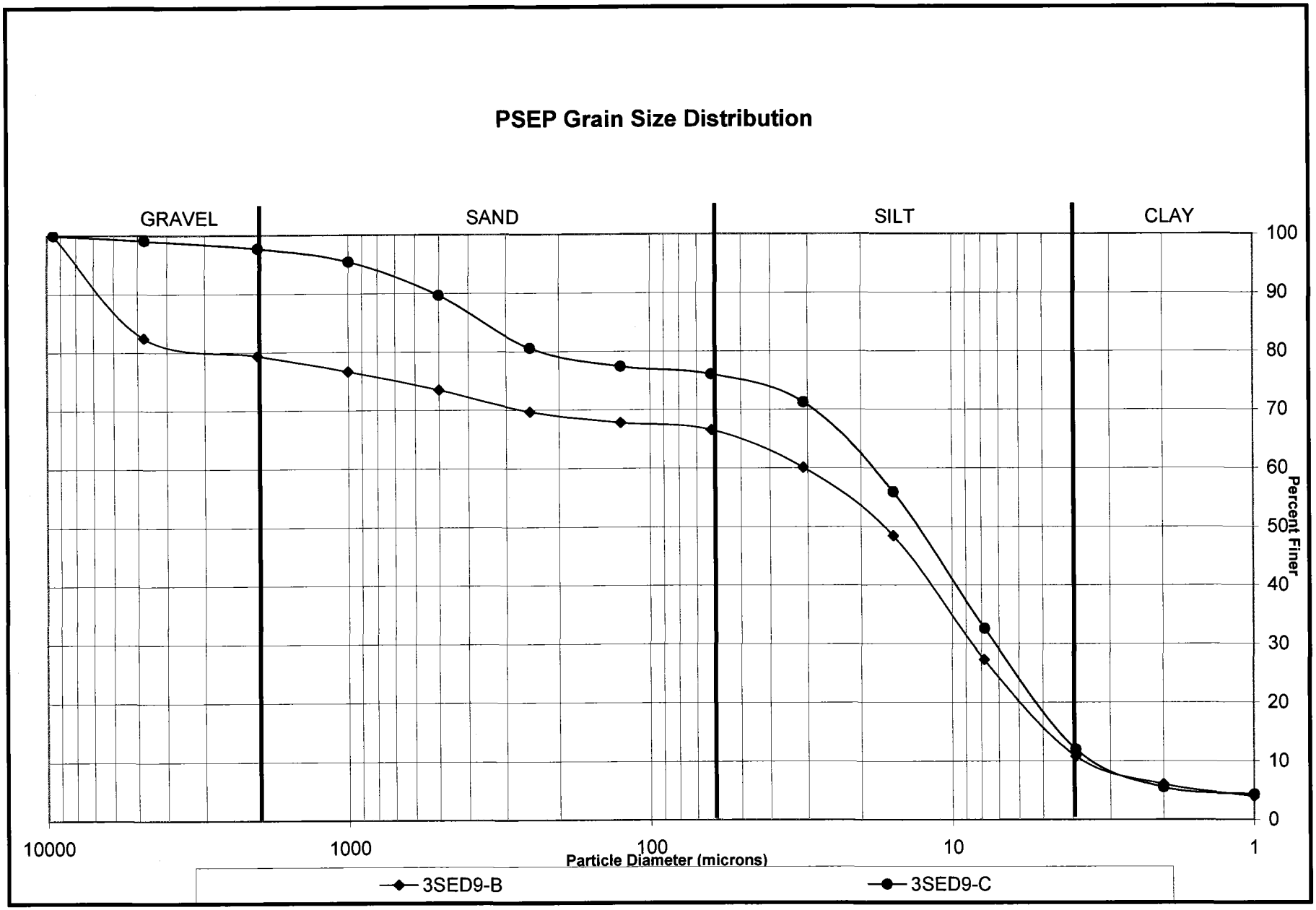
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.


PSEP Grain Size Distribution
Triplicate Sample Plot
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
3SED7-C
3SED7-C
3SED7-C


PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
3SED4-A
3SED4-B
3SED4-C
3SED3-A


PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
3SED3-B
3SED3-C
3SED6-A
3SED6-B


PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
3SED6-C
3SED7-A
3SED7-B
3SED9-A


PSEP Grain Size Distribution
GRAVEL
SAND
SILT
CLAY
100
90
80
70
60
50
40
30
20
10
0
Percent Finer
10000
1000
100
10
1
Particle Diameter (microns)
3SED9-B
3SED9-C

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. L-1 Client Sample No. 338D7-C

Set-up Date: 6.16.09 Sample Description: Silty Clay, Shells

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials GBL
Container No.	B-1
Tare Weight	1.5804
Wet Weight + Tare	18.8391
Dry Weight + Tare	10.3188

Test Sample	Initials GBL
Container No.	B-1
Tare Weight	51.9083
Wet Weight + Tare	86.9531
Dry Weight + Tare	55.1533

SIEVE ANALYSIS

Initials AR

Sieve Size	Weight Retained
Tare	51.9234
4	51.9234
10	52.3353
18	52.8619
35	53.3684
60	54.0282
120	54.5601
230	54.8730
PAN	0.3168

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Salt Correction	
Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PIPETTE ANALYSIS

Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
L-1-1	1.5337	1.8431	9:15:00
L-1-2	1.5183	1.8084	9:15:20
L-1-3	1.5179	1.7276	9:16:46
L-1-4	1.5510	1.6832	9:22:05
L-1-5	1.5026	1.5892	9:43:18
L-1-6	1.5067	1.5703	11:08:00
L-1-7	1.5038	1.5448	14:41:00
			7:51:00

9:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. L-2 Client Sample No. 33807-C

Set-up Date: 6.16.09 Sample Description:

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials BL
Container No.	B-2
Tare Weight	1.5441
Wet Weight + Tare	17.3630
Dry Weight + Tare	9.6146

Test Sample	Initials BL
Container No.	B-2
Tare Weight	51.2967
Wet Weight + Tare	86.5174
Dry Weight + Tare	53.8158

SIEVE ANALYSIS

Initials AR

Sieve Size	Weight Retained
Tare	51.3013
4	51.3013
10	51.4176
18	51.7575
35	52.1983
60	52.8979
120	53.4078
230	53.7220
PAN	0.2056

PIPETTE ANALYSIS

Initials

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TIME

Tare ID	Tare Wt	Dry Wt & Tare	TIME
L-2-1	1.5062	1.8328	9:18:00
L-2-2	1.5062	1.8089	9:18:20
L-2-3	1.5203	1.7444	9:19:46
L-2-4	1.5199	1.6603	9:25:05
L-2-5	1.5114	1.6021	9:46:18
L-2-6	1.5384	1.6064	11:11:00
L-2-7	1.5381	1.5811	14:44:00
			7:54:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. L-3 Client Sample No. 3SED7-C

Set-up Date: 6.16.09 Sample Description:

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials
Container No.	18
Tare Weight	1.5115
Wet Weight + Tare	16.6277
Dry Weight + Tare	9.4189

Test Sample	Initials
Container No.	18
Tare Weight	51.0503
Wet Weight + Tare	86.8456
Dry Weight + Tare	53.7604

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	51.0799
4	51.0799
10	51.2412
18	51.6705
35	52.0818
60	52.7056
120	53.2231
230	53.5265
PAN	0.2518

PIPETTE ANALYSIS
Initials

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TIME

Tare ID	Tare Wt	Dry Wt & Tare	
L-3-1	1.5388	1.8715	9:21:00
L-3-2	1.5465	1.8577	9:21:20
L-3-3	1.5452	1.7690	9:22:46
L-3-4	1.5487	1.6926	9:28:05
L-3-5	1.5133	1.6052	9:49:18
L-3-6	1.5133	1.5824	11:14:00
L-3-7	1.5128	1.5577	14:47:00
			7:57:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. A Client Sample No. 3SED4-A

Set-up Date: 6-17-09 Sample Description: Gravel, Sand, Shells

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/18/09

SOLIDS CONTENT

Moisture Content	Initials BR
Container No.	110
Tare Weight	1.5454
Wet Weight + Tare	48.2280
Dry Weight + Tare	40.0720 AR

Test Sample	Initials BR
Container No.	110
Tare Weight	50.4328
Wet Weight + Tare	204.0511
Dry Weight + Tare	171.0925

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.4527
4	92.0118
10	106.0804
18	113.5586
35	130.2662
60	157.5257
120	167.9049
230	170.1955
PAN	0.9354

PIPETTE ANALYSIS
Initials JB

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Tare ID	Tare Wt	Dry Wt & Tare	TIME
A-1	1.5283	1.6843	9:24:00
A-2	1.5164	1.6517	9:24:20
A-3	1.5017	1.6067	9:25:46
A-4	1.5024	1.5815	9:31:05
A-5	1.5001	1.5593	9:52:18
A-6	1.5304	1.5764	11:17:00
A-7	1.5181	1.5494	14:50:00
			8:00:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. B Client Sample No. 3SED4-B

Set-up Date: 6-17-09 Sample Description: Gravelly Sandy Silt

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials CR
Container No.	112
Tare Weight	1.5410
Wet Weight + Tare	36.3655
Dry Weight + Tare	28.0268

Test Sample	Initials CR
Container No.	112
Tare Weight	50.4166
Wet Weight + Tare	146.5710
Dry Weight + Tare	114.1270

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.4309
4	55.5124
10	58.3690
18	63.4549
35	78.2832
60	100.3697
120	110.4514
230	112.6810
PAN	1.4321

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Salt Correction	
Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
B-1	1.5491	1.7912	9:27:00
B-2	1.5553	1.7589	9:27:20
B-3	1.5603	1.6978	9:28:46
B-4	1.5678	1.6051	9:34:05
B-5	1.5672	1.6367	9:55:18
B-6	1.5780	1.6326	11:20:00
B-7	1.5544	1.5919	14:53:00
			8:03:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. C Client Sample No. 3584C

Set-up Date: 6.17.09 Sample Description: Salty Sand

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	115
Tare Weight	1.5318
Wet Weight + Tare	27.3074
Dry Weight + Tare	20.3091

Test Sample	Initials CBL
Container No.	115
Tare Weight	51.3395
Wet Weight + Tare	129.1687
Dry Weight + Tare	94.5171

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	51.3503
4	52.0360
10	52.5012
18	55.1130
35	64.7453
60	81.3441
120	89.9011
230	92.7943
PAN	1.7452

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PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
C-1	1.5642	1.8684	9:30:00
C-2	1.5317	1.7685	9:30:20
C-3	1.53586	1.6962	9:31:46
C-4	1.5536 AR	1.6625	9:37:05
C-5	1.5309	1.6068	9:58:18
C-6	1.5223	1.5778	11:23:00
C-7	1.5279	1.5684	14:56:00
			8:06:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. D Client Sample No. 3SED3-A

Set-up Date: 6-18-09 Sample Description: Clayey Silty Sandy Gravel

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials BL
Container No.	125
Tare Weight	1.5488
Wet Weight + Tare	31.7416
Dry Weight + Tare	26.8792

Test Sample	Initials BL
Container No.	125
Tare Weight	50.8600
Wet Weight + Tare	150.3999
Dry Weight + Tare	123.8628

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.8788
4	91.3670
10	100.7738
18	106.7320
35	113.0582
60	118.9260
120	121.7822
230	123.2790
PAN	0.6244

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Salt Correction	
Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
D-1	1.5300	1.7611	9:33:00
D-2	1.5244	1.7313	9:33:20
D-3	1.5161	1.6771	9:34:46
D-4	1.5198	1.6355	9:40:05
D-5	1.5209	1.6000	10:01:18
D-6	1.5218	1.5737	11:26:00
D-7	1.5243	1.5571	14:59:00
			8:09:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. E Client Sample No. 35ED3-B

Set-up Date: 6.18.09 Sample Description: Gravelly Sandy Silty Clay, Organics

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials BL
Container No.	139
Tare Weight	1.5542
Wet Weight + Tare	25.5482
Dry Weight + Tare	14.3435

Test Sample	Initials BL
Container No.	139
Tare Weight	50.0496
Wet Weight + Tare	85.6928
Dry Weight + Tare	55.9124

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.0542
4	50.6860
10	51.2565
18	52.1097
35	53.1098
60	54.0924
120	54.8514
230	55.5868
PAN	0.3530

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PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
E-1	1.5237	1.8050	9:36:00
E-2	1.5292	1.7813	9:36:20
E-3	1.5622	1.7449	9:37:46
E-4	1.5102	1.6269	9:43:05
E-5	1.5613	1.6411	10:04:18
E-6	1.5255	1.5809	11:29:00
E-7	1.5467	1.5861	15:02:00
			8:12:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. F Client Sample No. 33EDB-C

Set-up Date: 6.18.09 Sample Description: Clayey Silty Sandy Gravel

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	154
Tare Weight	1.5553
Wet Weight + Tare	32.5207
Dry Weight + Tare	20.8980

Test Sample	Initials CBL
Container No.	154
Tare Weight	51.4531
Wet Weight + Tare	97.1828
Dry Weight + Tare	67.8429

SIEVE ANALYSIS
Initials AB

Sieve Size	Weight Retained
Tare	51.4615
4	55.5887
10	59.2463
18	61.5754
35	63.7061
60	65.6638
120	66.7793
230	67.5336
PAN	0.3101

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PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
			9:39:00
F-1	1.5325	1.8033	9:39:20
F-2	1.5336	1.7785	9:40:46
F-3	1.5408	1.7173	9:46:05
F-4	1.5126	1.6281	10:07:18
F-5	1.5177	1.5925	11:32:00
F-6	1.5208	1.5722	15:05:00
F-7	1.5189	1.5568	8:15:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. G Client Sample No. 35ED6-A

Set-up Date: 6/19/09 Sample Description: Clayey Silty Sandy Gravel

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6-22-09

SOLIDS CONTENT

Moisture Content	Initials FI
Container No.	178
Tare Weight	1.5196
Wet Weight + Tare	22.0289
Dry Weight + Tare	17.7846

Test Sample	Initials FI
Container No.	178
Tare Weight	49.5656
Wet Weight + Tare	200.5767
Dry Weight + Tare	170.3960

SIEVE ANALYSIS
Initials EG

Sieve Size	Weight Retained
Tare	49.5775
4	114.3990
10	129.3927
18	139.3466
35	151.2626
60	165.1330
120	169.0943
230	170.3811
PAN	0.2972

3.7

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PIPETTE ANALYSIS
Initials EG

Tare ID	Tare Wt	Dry Wt & Tare
G-1	1.5322	1.6453
~~—~~	~~1.5352~~	~~—~~
~~—~~	~~1.5305~~	~~—~~
~~—~~	~~1.5547~~	~~—~~
~~—~~	~~1.5525~~	~~—~~
~~—~~	~~1.5451~~	~~—~~
~~—~~	~~1.5460~~	~~—~~

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. H Client Sample No. 33ED6-B

Set-up Date: 6-18-09 Sample Description: Clayey Silty Sandy Gravel Shells

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	159
Tare Weight	1.5397
Wet Weight + Tare	35.5522
Dry Weight + Tare	33.0016

Test Sample	Initials CBL
Container No.	159
Tare Weight	49.4735
Wet Weight + Tare	192.9012
Dry Weight + Tare	171.3979

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.4864
4	124.6762
10	136.4727
18	143.7953
35	153.6931
60	165.8330
120	168.7633
230	170.3340
PAN	1.2264

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Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PIPETTE ANALYSIS
Initials

	Tare ID	Tare Wt	Dry Wt & Tare	TIME
AR	H-1	1.5416	1.6855	9:42:00
	H-2	1.5246	1.6425	9:42:20
	H-3	1.5216	1.6147	9:43:46
	H-4	1.5154	1.5873	9:49:05
	H-5	1.5225	1.5775	10:10:18
	H-6	1.5197	1.5596	11:35:00
	H-7	1.5319	1.5607	15:08:00
				8:18:00

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. I Client Sample No. 3328-C

Set-up Date: 6.18.09 Sample Description: clayey Silty Sandy Gravel, Shells

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials CBL
Container No.	181
Tare Weight	1.5563
Wet Weight + Tare	50.1784
Dry Weight + Tare	44.4497

Test Sample	Initials CBL
Container No.	181
Tare Weight	50.5989
Wet Weight + Tare	202.1523
Dry Weight + Tare	178.4889

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.6261
4	134.1427
10	144.0330
18	152.4337
35	162.7302
60	173.4260
120	176.0177
230	177.7525
PAN	0.8652

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Temp:23

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
I-1	1.5049	1.6505	9:45:00
I-2	1.5366	1.6537	9:45:20
I-3	1.5435	1.6358	9:46:46
I-4	1.5394	1.6096	9:52:05
I-5	1.5094	1.5641	10:13:18
I-6	1.5300	1.5701	11:38:00
I-7	1.5331	1.5619	15:11:00
	AR		8:21:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PR44 ARI Sample No. J Client Sample No. 3SED7-A

Set-up Date: 6.18.09 Sample Description: Silty Sandy Gravel, Shells, Organics

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials AR
Container No.	206
Tare Weight	1.5418
Wet Weight + Tare	37.9406
Dry Weight + Tare	31.23845 AR

Test Sample	Initials AR
Container No.	208
Tare Weight	49.8703
Wet Weight + Tare	132.1594
Dry Weight + Tare	107.0060

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.9045
4	75.4004
10	84.4171
18	89.7432
35	95.3663
60	103.0223
120	106.2262
230	106.8183
PAN	0.2409

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Temp:23

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME 9:48:00
J-1	1.5066	1.6726	9:48:20
J-2	1.5380	1.6953	9:49:46
J-3	1.5317	1.6513	9:55:05
J-4	1.5228	1.6007	10:16:18
J-5	1.5188	1.5747	11:41:00
J-6	1.5102	1.5484	15:14:00
J-7	1.5218	1.5499	8:24:00

Salt Correction	
Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. K Client Sample No. 33ED7-B

Set-up Date: 6.18.09 Sample Description: Sandy Silty Clay

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials GR
Container No.	214
Tare Weight	1.5114
Wet Weight + Tare	24.7390
Dry Weight + Tare	13.3230

Test Sample	Initials GR
Container No.	214
Tare Weight	50.2549
Wet Weight + Tare	86.1797
Dry Weight + Tare	54.0218

SIEVE ANALYSIS
Initials AG

Sieve Size	Weight Retained
Tare	50.2699
4	50.4153
10	50.5615
18	51.0832
35	51.5567
60	52.5219
120	53.2743
230	53.6745
PAN	0.3643

6/22/2009

Temp:23

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
K-1	~~1.5546~~ 1.5413	1.8574	9:51:00 9:51:20
K-2	1.5444	1.8213	9:52:46
K-3	1.5519	1.7526	9:58:05
K-4	1.5408	1.6713	10:19:18
K-5	1.5497	1.6346	11:44:00
K-6	1.5491	1.6096	15:17:00
K-7	1.5545	1.5964	8:27:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. M Client Sample No. 3SED9-A

Set-up Date: 6.18.09 Sample Description: Sandy Silty Clay, Organics

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials GBL
Container No.	219
Tare Weight	1.5321
Wet Weight + Tare	26.3770
Dry Weight + Tare	13.9646

Test Sample	Initials GBL
Container No.	219
Tare Weight	49.8490
Wet Weight + Tare	89.5917
Dry Weight + Tare	51.9989

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.8630
4	49.9367
10	49.9809
18	50.3057
35	50.5893
60	51.0743
120	51.4949
230	51.7861
PAN	0.2100

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Temp:23

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
			9:57:00
M-1	1.5186	1.8615	9:57:20
M-2	1.5208	1.8461	9:58:46
M-3	1.5321	1.7955	10:04:05
M-4	1.5217	1.6904	10:25:18
M-5	1.5213	1.6028	11:50:00
M-6	1.5171	1.5702	15:23:00
M-7	1.5146	1.5545	8:33:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. N Client Sample No. 33ED9-B

Set-up Date: 6.18.09 Sample Description: Silty Clay, Gravel, organic debris

Calgon Batch # 201 Sieve Set # 2 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials AR
Container No.	226
Tare Weight	1.5344
Wet Weight + Tare	28.7273
Dry Weight + Tare	16.6176

Test Sample	Initials AR
Container No.	226
Tare Weight	49.8868
Wet Weight + Tare	98.7765
Dry Weight + Tare	59.0326

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	49.8949
4	54.6592
10	55.4929
18	56.2319
35	57.0955
60	58.1212
120	58.6348
230	58.9776
PAN	0.0568

6/22/2009

Temp:23

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
N-1	1.5161	1.8818	10:00:00
N-2	1.5131	1.8464	10:00:20
N-3	1.5510	1.8221	10:01:46
N-4	1.5173	1.6752	10:07:05
N-5	1.5148	1.5844	10:28:18
N-6	1.5140	1.5583	11:53:00
N-7	1.5153	1.5482	15:26:00
			8:36:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	

PSEP GRAIN SIZE ANALYSIS

Job No. PB44 ARI Sample No. 0 Client Sample No. 358D9-C

Set-up Date: 6-18-09 Sample Description: Silty Clay, Gravel, Organics

Calgon Batch # 201 Sieve Set # 1 Date Sieved: 6/19/09

SOLIDS CONTENT

Moisture Content	Initials CR
Container No.	227
Tare Weight	1.5457
Wet Weight + Tare	38.6345
Dry Weight + Tare	19.4512

Test Sample	Initials CR
Container No.	227
Tare Weight	50.5213
Wet Weight + Tare	88.4982
Dry Weight + Tare	54.9771

SIEVE ANALYSIS
Initials AR

Sieve Size	Weight Retained
Tare	50.5300
4	50.6920
10	50.9446
18	51.3630
35	52.4252
60	54.0983
120	54.6742
230	54.9267
PAN	0.0450

6/22/2009

Temp:23

PIPETTE ANALYSIS
Initials

Tare ID	Tare Wt	Dry Wt & Tare	TIME
			9:54:00
0-1	1.5528	1.8464	9:54:20
0-2	1.5573	1.8324	9:55:46
0-3	1.5636	1.7819	10:01:05
0-4	1.5123	1.6445	10:22:18
0-5	1.5170	1.5730	11:47:00
0-6	1.5194	1.5515	15:20:00
0-7	1.5192	1.5469	8:30:00

Salt Correction

Tare Wt.	
Tare + Dry Sample	
Salt Correction (x 50)	