APPENDIX H

RI LABORATORY DATA

PART 11

L1288012-L1317227

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

December 02, 2020

PES Environmental, Inc.- WA

Sample Delivery Group:	L1288012
Samples Received:	11/19/2020
Project Number:	1413.001.02.501E
Description:	American Linen

Report To: Brian O'Neal/Bill Haldeman
1215 Fourth Ave., Suite 1350
Seattle, WA 98161

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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MW125-111720 L1288012-01 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/17/20 08:35 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1584160	1	12/01/20 03:19	12/01/20 03:19	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1583149	1	11/27/20 18:26	11/27/20 18:26	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	1	11/25/20 17:03	11/26/20 00:46	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	20	11/25/20 17:03	11/26/20 09:00	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1579664	1	11/23/20 15:10	11/23/20 15:10	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1583236	1	11/30/20 00:03	11/30/20 00:03	ACG	Mt. Juliet, TN

MW-303-111720 L1288012-02 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/17/20 10:15 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1583236	1	11/30/20 00:22	11/30/20 00:22	ACG	Mt. Juliet, TN

MW-302-111720 L1288012-03 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/17/20 10:15 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1583236	1	11/30/20 00:41	11/30/20 00:41	ACG	Mt. Juliet, TN

BB-8-111720 L1288012-04 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/17/20 12:05 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1584160	1	12/01/20 03:32	12/01/20 03:32	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1584534	5	12/01/20 22:08	12/01/20 22:08	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1583149	1	11/27/20 19:03	11/27/20 19:03	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	1	11/25/20 17:03	11/26/20 00:50	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	5	11/25/20 17:03	11/26/20 09:04	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1579664	1	11/23/20 15:19	11/23/20 15:19	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1583236	1	11/30/20 01:00	11/30/20 01:00	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584570	10	12/01/20 16:09	12/01/20 16:09	BMB	Mt. Juliet, TN

MW104-111720 L1288012-05 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/17/20 12:15 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1584160	1	12/01/20 04:49	12/01/20 04:49	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1583149	1	11/27/20 19:18	11/27/20 19:18	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	1	11/25/20 17:03	11/26/20 00:53	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	5	11/25/20 17:03	11/26/20 09:07	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1579664	1	11/23/20 15:23	11/23/20 15:23	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1583236	1	11/30/20 01:19	11/30/20 01:19	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584570	1	12/01/20 16:28	12/01/20 16:28	BMB	Mt. Juliet, TN

MW105-111720 L1288012-06 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/17/20 12:30 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1584160	1	12/01/20 05:01	12/01/20 05:01	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1583149	1	11/27/20 20:25	11/27/20 20:25	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	1	11/25/20 17:03	11/26/20 01:07	TM	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW105-111720 L1288012-06 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/17/20 12:30 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICPMS) by Method 6020B	WG1581599	5	11/25/20 17:03	11/26/20 09:10	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1579664	1	11/23/20 15:25	11/23/20 15:25	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1583236	1	11/30/20 01:38	11/30/20 01:38	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584570	1	12/01/20 16:47	12/01/20 16:47	BMB	Mt. Juliet, TN

MW-342-111720 L1288012-07 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/17/20 14:05 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1583236	1	11/30/20 01:57	11/30/20 01:57	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584570	1	12/01/20 17:06	12/01/20 17:06	BMB	Mt. Juliet, TN

MW112-111720 L1288012-08 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/17/20 14:20 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1584160	1	12/01/20 05:14	12/01/20 05:14	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1583149	1	11/27/20 22:29	11/27/20 22:29	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	1	11/25/20 17:03	11/26/20 01:10	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1579664	1	11/23/20 15:29	11/23/20 15:29	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1583236	1	11/30/20 02:15	11/30/20 02:15	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584570	1	12/01/20 17:25	12/01/20 17:25	BMB	Mt. Juliet, TN

MW-189-111720 L1288012-09 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/17/20 14:35 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1584160	1	12/01/20 05:27	12/01/20 05:27	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1583149	1	11/27/20 22:53	11/27/20 22:53	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	1	11/25/20 17:03	11/26/20 01:14	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	5	11/25/20 17:03	11/26/20 09:14	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1579664	1	11/23/20 15:32	11/23/20 15:32	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1583236	1	11/30/20 02:34	11/30/20 02:34	ACG	Mt. Juliet, TN

R-MW5-111820 L1288012-10 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/18/20 10:05 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1584160	1	12/01/20 05:39	12/01/20 05:39	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1583149	1	11/27/20 23:10	11/27/20 23:10	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	1	11/25/20 17:03	11/26/20 01:17	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	10	11/25/20 17:03	11/26/20 09:17	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1583619	1	11/30/20 01:37	11/30/20 01:37	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1579664	1	11/23/20 15:34	11/23/20 15:34	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	11/30/20 21:04	11/30/20 21:04	JHH	Mt. Juliet, TN

MW-138-111820 L1288012-11 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/18/20 10:35 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1584160	1	12/01/20 05:52	12/01/20 05:52	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1583149	1	11/27/20 23:25	11/27/20 23:25	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	1	11/25/20 17:03	11/26/20 01:21	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	5	11/25/20 17:03	11/26/20 09:20	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1579664	1	11/23/20 15:36	11/23/20 15:36	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	11/30/20 21:23	11/30/20 21:23	JHH	Mt. Juliet, TN

MW-190-111820 L1288012-12 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/18/20 12:50 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1584160	1	12/01/20 06:05	12/01/20 06:05	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1583149	1	11/27/20 23:59	11/27/20 23:59	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	1	11/25/20 17:03	11/26/20 01:24	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581599	5	11/25/20 17:03	11/26/20 09:24	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1579664	1	11/23/20 15:39	11/23/20 15:39	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	11/30/20 21:42	11/30/20 21:42	JHH	Mt. Juliet, TN

MW124-111820 L1288012-13 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/18/20 13:25 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	11/30/20 22:01	11/30/20 22:01	JHH	Mt. Juliet, TN

TB-111820 L1288012-14 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/18/20 15:00 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1583434	1	11/28/20 01:24	11/28/20 01:24	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	11/30/20 20:45	11/30/20 20:45	JHH	Mt. Juliet, TN

MW102-111820 L1288012-15 GW

Collected by: HRC/BLH/SPK | Collected date/time: 11/18/20 14:55 | Received date/time: 11/19/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1584160	1	12/01/20 06:18	12/01/20 06:18	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1583149	1	11/28/20 00:14	11/28/20 00:14	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1581079	5	11/25/20 00:37	11/25/20 12:33	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1579664	1	11/23/20 15:51	11/23/20 15:51	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	11/30/20 22:20	11/30/20 22:20	JHH	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	913	J	594	5000	1	12/01/2020 03:19	WG1584160

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	7620		102	1000	1	11/27/2020 18:26	WG1583149

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	9910		28.1	100	1	11/26/2020 00:46	WG1581599
Manganese	3370		14.1	100	20	11/26/2020 09:00	WG1581599

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	5490		0.287	0.678	1	11/23/2020 15:10	WG1579664
Ethane	U		0.296	1.29	1	11/23/2020 15:10	WG1579664
Ethene	U		0.422	1.27	1	11/23/2020 15:10	WG1579664

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 00:03	WG1583236
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 00:03	WG1583236
Benzene	U		0.0160	0.0400	1	11/30/2020 00:03	WG1583236
Bromobenzene	U		0.0420	0.500	1	11/30/2020 00:03	WG1583236
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 00:03	WG1583236
Bromoform	U		0.239	1.00	1	11/30/2020 00:03	WG1583236
Bromomethane	U		0.148	0.500	1	11/30/2020 00:03	WG1583236
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 00:03	WG1583236
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 00:03	WG1583236
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 00:03	WG1583236
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 00:03	WG1583236
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 00:03	WG1583236
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 00:03	WG1583236
Chloroethane	U		0.0432	0.200	1	11/30/2020 00:03	WG1583236
Chloroform	U		0.0166	0.100	1	11/30/2020 00:03	WG1583236
Chloromethane	U		0.0556	0.500	1	11/30/2020 00:03	WG1583236
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 00:03	WG1583236
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 00:03	WG1583236
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 00:03	WG1583236
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 00:03	WG1583236
Dibromomethane	U		0.0400	0.200	1	11/30/2020 00:03	WG1583236
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 00:03	WG1583236
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 00:03	WG1583236
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 00:03	WG1583236
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 00:03	WG1583236
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 00:03	WG1583236
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 00:03	WG1583236
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 00:03	WG1583236
cis-1,2-Dichloroethene	U		0.0276	0.100	1	11/30/2020 00:03	WG1583236
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 00:03	WG1583236
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 00:03	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 00:03	WG1583236
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 00:03	WG1583236
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 00:03	WG1583236
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 00:03	WG1583236
2,2-Dichloropropane	U	J4	0.0317	0.100	1	11/30/2020 00:03	WG1583236
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 00:03	WG1583236
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 00:03	WG1583236
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 00:03	WG1583236
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 00:03	WG1583236
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 00:03	WG1583236
2-Butanone (MEK)	U	C3	0.500	1.00	1	11/30/2020 00:03	WG1583236
Methylene Chloride	U		0.265	1.00	1	11/30/2020 00:03	WG1583236
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 00:03	WG1583236
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 00:03	WG1583236
Naphthalene	0.478	J	0.124	0.500	1	11/30/2020 00:03	WG1583236
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 00:03	WG1583236
Styrene	U		0.109	0.500	1	11/30/2020 00:03	WG1583236
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 00:03	WG1583236
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 00:03	WG1583236
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 00:03	WG1583236
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 00:03	WG1583236
Toluene	0.0910	J	0.0500	0.200	1	11/30/2020 00:03	WG1583236
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 00:03	WG1583236
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 00:03	WG1583236
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 00:03	WG1583236
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 00:03	WG1583236
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 00:03	WG1583236
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 00:03	WG1583236
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 00:03	WG1583236
1,2,4-Trimethylbenzene	0.169	J	0.0464	0.200	1	11/30/2020 00:03	WG1583236
1,2,3-Trimethylbenzene	0.110	J	0.0460	0.200	1	11/30/2020 00:03	WG1583236
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 00:03	WG1583236
Vinyl chloride	U		0.0273	0.100	1	11/30/2020 00:03	WG1583236
Xylenes, Total	U		0.191	0.260	1	11/30/2020 00:03	WG1583236
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 00:03	WG1583236
Tetrahydrofuran	U	C3	0.0900	0.500	1	11/30/2020 00:03	WG1583236
Iodomethane	U		0.242	0.500	1	11/30/2020 00:03	WG1583236
Allyl chloride	U		0.580	1.00	1	11/30/2020 00:03	WG1583236
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	11/30/2020 00:03	WG1583236
(S) Toluene-d8	*106*			*75.0-131*		*11/30/2020 00:03*	WG1583236
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*11/30/2020 00:03*	WG1583236
(S) 1,2-Dichloroethane-d4	*89.1*			*70.0-130*		*11/30/2020 00:03*	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 00:22	WG1583236
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 00:22	WG1583236
Benzene	U		0.0160	0.0400	1	11/30/2020 00:22	WG1583236
Bromobenzene	U		0.0420	0.500	1	11/30/2020 00:22	WG1583236
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 00:22	WG1583236
Bromoform	U		0.239	1.00	1	11/30/2020 00:22	WG1583236
Bromomethane	U		0.148	0.500	1	11/30/2020 00:22	WG1583236
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 00:22	WG1583236
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 00:22	WG1583236
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 00:22	WG1583236
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 00:22	WG1583236
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 00:22	WG1583236
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 00:22	WG1583236
Chloroethane	U		0.0432	0.200	1	11/30/2020 00:22	WG1583236
Chloroform	U		0.0166	0.100	1	11/30/2020 00:22	WG1583236
Chloromethane	U		0.0556	0.500	1	11/30/2020 00:22	WG1583236
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 00:22	WG1583236
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 00:22	WG1583236
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 00:22	WG1583236
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 00:22	WG1583236
Dibromomethane	U		0.0400	0.200	1	11/30/2020 00:22	WG1583236
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 00:22	WG1583236
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 00:22	WG1583236
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 00:22	WG1583236
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 00:22	WG1583236
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 00:22	WG1583236
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 00:22	WG1583236
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 00:22	WG1583236
cis-1,2-Dichloroethene	U		0.0276	0.100	1	11/30/2020 00:22	WG1583236
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 00:22	WG1583236
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 00:22	WG1583236
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 00:22	WG1583236
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 00:22	WG1583236
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 00:22	WG1583236
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 00:22	WG1583236
2,2-Dichloropropane	U	J4	0.0317	0.100	1	11/30/2020 00:22	WG1583236
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 00:22	WG1583236
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 00:22	WG1583236
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 00:22	WG1583236
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 00:22	WG1583236
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 00:22	WG1583236
2-Butanone (MEK)	U	C3	0.500	1.00	1	11/30/2020 00:22	WG1583236
Methylene Chloride	U		0.265	1.00	1	11/30/2020 00:22	WG1583236
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 00:22	WG1583236
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 00:22	WG1583236
Naphthalene	U		0.124	0.500	1	11/30/2020 00:22	WG1583236
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 00:22	WG1583236
Styrene	U		0.109	0.500	1	11/30/2020 00:22	WG1583236
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 00:22	WG1583236
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 00:22	WG1583236
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 00:22	WG1583236
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 00:22	WG1583236
Toluene	0.0750	J	0.0500	0.200	1	11/30/2020 00:22	WG1583236
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 00:22	WG1583236
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 00:22	WG1583236
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 00:22	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 00:22	WG1583236
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 00:22	WG1583236
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 00:22	WG1583236
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 00:22	WG1583236
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 00:22	WG1583236
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 00:22	WG1583236
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 00:22	WG1583236
Vinyl chloride	U		0.0273	0.100	1	11/30/2020 00:22	WG1583236
Xylenes, Total	U		0.191	0.260	1	11/30/2020 00:22	WG1583236
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 00:22	WG1583236
Tetrahydrofuran	U	C3	0.0900	0.500	1	11/30/2020 00:22	WG1583236
Iodomethane	U		0.242	0.500	1	11/30/2020 00:22	WG1583236
Allyl chloride	U		0.580	1.00	1	11/30/2020 00:22	WG1583236
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	11/30/2020 00:22	WG1583236
(S) Toluene-d8	*106*			*75.0-131*		*11/30/2020 00:22*	WG1583236
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*11/30/2020 00:22*	WG1583236
(S) 1,2-Dichloroethane-d4	*90.0*			*70.0-130*		*11/30/2020 00:22*	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	11/30/2020 00:41	WG1583236
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 00:41	WG1583236
Benzene	0.0480		0.0160	0.0400	1	11/30/2020 00:41	WG1583236
Bromobenzene	U		0.0420	0.500	1	11/30/2020 00:41	WG1583236
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 00:41	WG1583236
Bromoform	U		0.239	1.00	1	11/30/2020 00:41	WG1583236
Bromomethane	U		0.148	0.500	1	11/30/2020 00:41	WG1583236
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 00:41	WG1583236
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 00:41	WG1583236
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 00:41	WG1583236
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 00:41	WG1583236
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 00:41	WG1583236
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 00:41	WG1583236
Chloroethane	U		0.0432	0.200	1	11/30/2020 00:41	WG1583236
Chloroform	U		0.0166	0.100	1	11/30/2020 00:41	WG1583236
Chloromethane	U		0.0556	0.500	1	11/30/2020 00:41	WG1583236
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 00:41	WG1583236
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 00:41	WG1583236
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 00:41	WG1583236
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 00:41	WG1583236
Dibromomethane	U		0.0400	0.200	1	11/30/2020 00:41	WG1583236
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 00:41	WG1583236
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 00:41	WG1583236
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 00:41	WG1583236
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 00:41	WG1583236
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 00:41	WG1583236
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 00:41	WG1583236
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 00:41	WG1583236
cis-1,2-Dichloroethene	U		0.0276	0.100	1	11/30/2020 00:41	WG1583236
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 00:41	WG1583236
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 00:41	WG1583236
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 00:41	WG1583236
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 00:41	WG1583236
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 00:41	WG1583236
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 00:41	WG1583236
2,2-Dichloropropane	U	J4	0.0317	0.100	1	11/30/2020 00:41	WG1583236
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 00:41	WG1583236
Ethylbenzene	0.0600	J	0.0212	0.100	1	11/30/2020 00:41	WG1583236
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 00:41	WG1583236
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 00:41	WG1583236
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 00:41	WG1583236
2-Butanone (MEK)	U	C3	0.500	1.00	1	11/30/2020 00:41	WG1583236
Methylene Chloride	U		0.265	1.00	1	11/30/2020 00:41	WG1583236
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 00:41	WG1583236
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 00:41	WG1583236
Naphthalene	U		0.124	0.500	1	11/30/2020 00:41	WG1583236
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 00:41	WG1583236
Styrene	U		0.109	0.500	1	11/30/2020 00:41	WG1583236
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 00:41	WG1583236
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 00:41	WG1583236
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 00:41	WG1583236
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 00:41	WG1583236
Toluene	0.743		0.0500	0.200	1	11/30/2020 00:41	WG1583236
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 00:41	WG1583236
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 00:41	WG1583236
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 00:41	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 00:41	WG1583236
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 00:41	WG1583236
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 00:41	WG1583236
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 00:41	WG1583236
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 00:41	WG1583236
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 00:41	WG1583236
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 00:41	WG1583236
Vinyl chloride	U		0.0273	0.100	1	11/30/2020 00:41	WG1583236
Xylenes, Total	0.243	J	0.191	0.260	1	11/30/2020 00:41	WG1583236
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 00:41	WG1583236
Tetrahydrofuran	U	C3	0.0900	0.500	1	11/30/2020 00:41	WG1583236
Iodomethane	U		0.242	0.500	1	11/30/2020 00:41	WG1583236
Allyl chloride	U		0.580	1.00	1	11/30/2020 00:41	WG1583236
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	11/30/2020 00:41	WG1583236
(S) Toluene-d8	*106*			*75.0-131*		*11/30/2020 00:41*	WG1583236
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*11/30/2020 00:41*	WG1583236
(S) 1,2-Dichloroethane-d4	*88.6*			*70.0-130*		*11/30/2020 00:41*	WG1583236

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	128000	E	594	5000	1	12/01/2020 03:32	WG1584160
Sulfate	123000		2970	25000	5	12/01/2020 22:08	WG1584534

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2470		102	1000	1	11/27/2020 19:03	WG1583149

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4910		28.1	100	1	11/26/2020 00:50	WG1581599
Manganese	971		3.52	25.0	5	11/26/2020 09:04	WG1581599

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	55.5		0.287	0.678	1	11/23/2020 15:19	WG1579664
Ethane	U		0.296	1.29	1	11/23/2020 15:19	WG1579664
Ethene	U		0.422	1.27	1	11/23/2020 15:19	WG1579664

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 01:00	WG1583236
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 01:00	WG1583236
Benzene	0.0950		0.0160	0.0400	1	11/30/2020 01:00	WG1583236
Bromobenzene	U		0.0420	0.500	1	11/30/2020 01:00	WG1583236
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 01:00	WG1583236
Bromoform	U		0.239	1.00	1	11/30/2020 01:00	WG1583236
Bromomethane	U		0.148	0.500	1	11/30/2020 01:00	WG1583236
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 01:00	WG1583236
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 01:00	WG1583236
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 01:00	WG1583236
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 01:00	WG1583236
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 01:00	WG1583236
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 01:00	WG1583236
Chloroethane	U		0.0432	0.200	1	11/30/2020 01:00	WG1583236
Chloroform	U		0.0166	0.100	1	11/30/2020 01:00	WG1583236
Chloromethane	U		0.0556	0.500	1	11/30/2020 01:00	WG1583236
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 01:00	WG1583236
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 01:00	WG1583236
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 01:00	WG1583236
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 01:00	WG1583236
Dibromomethane	U		0.0400	0.200	1	11/30/2020 01:00	WG1583236
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 01:00	WG1583236
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 01:00	WG1583236
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 01:00	WG1583236
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 01:00	WG1583236
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 01:00	WG1583236
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 01:00	WG1583236
1,1-Dichloroethene	0.553		0.0200	0.100	1	11/30/2020 01:00	WG1583236
cis-1,2-Dichloroethene	101		0.276	1.00	10	12/01/2020 16:09	WG1584570
trans-1,2-Dichloroethene	0.802		0.0572	0.200	1	11/30/2020 01:00	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 01:00	WG1583236
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 01:00	WG1583236
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 01:00	WG1583236
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 01:00	WG1583236
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 01:00	WG1583236
2,2-Dichloropropane	U	J4	0.0317	0.100	1	11/30/2020 01:00	WG1583236
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 01:00	WG1583236
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 01:00	WG1583236
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 01:00	WG1583236
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 01:00	WG1583236
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 01:00	WG1583236
2-Butanone (MEK)	U	C3	0.500	1.00	1	11/30/2020 01:00	WG1583236
Methylene Chloride	U		0.265	1.00	1	11/30/2020 01:00	WG1583236
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 01:00	WG1583236
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 01:00	WG1583236
Naphthalene	U		0.124	0.500	1	11/30/2020 01:00	WG1583236
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 01:00	WG1583236
Styrene	U		0.109	0.500	1	11/30/2020 01:00	WG1583236
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 01:00	WG1583236
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 01:00	WG1583236
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 01:00	WG1583236
Tetrachloroethene	215		0.280	1.00	10	12/01/2020 16:09	WG1584570
Toluene	0.339		0.0500	0.200	1	11/30/2020 01:00	WG1583236
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 01:00	WG1583236
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 01:00	WG1583236
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 01:00	WG1583236
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 01:00	WG1583236
Trichloroethene	107	C5	0.160	0.400	10	12/01/2020 16:09	WG1584570
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 01:00	WG1583236
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 01:00	WG1583236
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 01:00	WG1583236
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 01:00	WG1583236
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 01:00	WG1583236
Vinyl chloride	0.302		0.0273	0.100	1	11/30/2020 01:00	WG1583236
Xylenes, Total	U		0.191	0.260	1	11/30/2020 01:00	WG1583236
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 01:00	WG1583236
Tetrahydrofuran	U	C3	0.0900	0.500	1	11/30/2020 01:00	WG1583236
Iodomethane	U		0.242	0.500	1	11/30/2020 01:00	WG1583236
Allyl chloride	U		0.580	1.00	1	11/30/2020 01:00	WG1583236
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	11/30/2020 01:00	WG1583236
(S) Toluene-d8	*107*			*75.0-131*		*11/30/2020 01:00*	WG1583236
(S) Toluene-d8	*109*			*75.0-131*		*12/01/2020 16:09*	WG1584570
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*11/30/2020 01:00*	WG1583236
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*12/01/2020 16:09*	WG1584570
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*		*11/30/2020 01:00*	WG1583236
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*		*12/01/2020 16:09*	WG1584570

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	5710		594	5000	1	12/01/2020 04:49	WG1584160

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1940		102	1000	1	11/27/2020 19:18	WG1583149

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2200		28.1	100	1	11/26/2020 00:53	WG1581599
Manganese	622		3.52	25.0	5	11/26/2020 09:07	WG1581599

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	135		0.287	0.678	1	11/23/2020 15:23	WG1579664
Ethane	U		0.296	1.29	1	11/23/2020 15:23	WG1579664
Ethene	U		0.422	1.27	1	11/23/2020 15:23	WG1579664

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 01:19	WG1583236
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 01:19	WG1583236
Benzene	U		0.0160	0.0400	1	11/30/2020 01:19	WG1583236
Bromobenzene	U		0.0420	0.500	1	11/30/2020 01:19	WG1583236
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 01:19	WG1583236
Bromoform	U		0.239	1.00	1	11/30/2020 01:19	WG1583236
Bromomethane	U		0.148	0.500	1	11/30/2020 01:19	WG1583236
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 01:19	WG1583236
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 01:19	WG1583236
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 01:19	WG1583236
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 01:19	WG1583236
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 01:19	WG1583236
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 01:19	WG1583236
Chloroethane	0.551		0.0432	0.200	1	11/30/2020 01:19	WG1583236
Chloroform	U		0.0166	0.100	1	11/30/2020 01:19	WG1583236
Chloromethane	U		0.0556	0.500	1	11/30/2020 01:19	WG1583236
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 01:19	WG1583236
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 01:19	WG1583236
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 01:19	WG1583236
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 01:19	WG1583236
Dibromomethane	U		0.0400	0.200	1	11/30/2020 01:19	WG1583236
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 01:19	WG1583236
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 01:19	WG1583236
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 01:19	WG1583236
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 01:19	WG1583236
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 01:19	WG1583236
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 01:19	WG1583236
1,1-Dichloroethene	2.80		0.0200	0.100	1	11/30/2020 01:19	WG1583236
cis-1,2-Dichloroethene	28.6		0.0276	0.100	1	12/01/2020 16:28	WG1584570
trans-1,2-Dichloroethene	1.61		0.0572	0.200	1	11/30/2020 01:19	WG1583236
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 01:19	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 01:19	WG1583236
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 01:19	WG1583236
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 01:19	WG1583236
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 01:19	WG1583236
2,2-Dichloropropane	U	J4	0.0317	0.100	1	11/30/2020 01:19	WG1583236
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 01:19	WG1583236
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 01:19	WG1583236
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 01:19	WG1583236
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 01:19	WG1583236
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 01:19	WG1583236
2-Butanone (MEK)	U	C3	0.500	1.00	1	11/30/2020 01:19	WG1583236
Methylene Chloride	U		0.265	1.00	1	11/30/2020 01:19	WG1583236
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 01:19	WG1583236
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 01:19	WG1583236
Naphthalene	U		0.124	0.500	1	11/30/2020 01:19	WG1583236
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 01:19	WG1583236
Styrene	U		0.109	0.500	1	11/30/2020 01:19	WG1583236
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 01:19	WG1583236
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 01:19	WG1583236
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 01:19	WG1583236
Tetrachloroethene	10.6		0.0280	0.100	1	12/01/2020 16:28	WG1584570
Toluene	0.0730	J	0.0500	0.200	1	11/30/2020 01:19	WG1583236
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 01:19	WG1583236
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 01:19	WG1583236
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 01:19	WG1583236
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 01:19	WG1583236
Trichloroethene	59.5	C5	0.0160	0.0400	1	12/01/2020 16:28	WG1584570
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 01:19	WG1583236
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 01:19	WG1583236
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 01:19	WG1583236
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 01:19	WG1583236
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 01:19	WG1583236
Vinyl chloride	4.68		0.0273	0.100	1	11/30/2020 01:19	WG1583236
Xylenes, Total	U		0.191	0.260	1	11/30/2020 01:19	WG1583236
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 01:19	WG1583236
Tetrahydrofuran	2.43	C3	0.0900	0.500	1	11/30/2020 01:19	WG1583236
Iodomethane	U		0.242	0.500	1	11/30/2020 01:19	WG1583236
Allyl chloride	U		0.580	1.00	1	11/30/2020 01:19	WG1583236
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	11/30/2020 01:19	WG1583236
(S) Toluene-d8	*106*			*75.0-131*		*11/30/2020 01:19*	WG1583236
(S) Toluene-d8	*110*			*75.0-131*		*12/01/2020 16:28*	WG1584570
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*11/30/2020 01:19*	WG1583236
(S) 4-Bromofluorobenzene	*111*			*67.0-138*		*12/01/2020 16:28*	WG1584570
(S) 1,2-Dichloroethane-d4	*88.8*			*70.0-130*		*11/30/2020 01:19*	WG1583236
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/01/2020 16:28*	WG1584570

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	14500		594	5000	1	12/01/2020 05:01	WG1584160

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2550		102	1000	1	11/27/2020 20:25	WG1583149

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	10800		28.1	100	1	11/26/2020 01:07	WG1581599
Manganese	1050		3.52	25.0	5	11/26/2020 09:10	WG1581599

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	38.5		0.287	0.678	1	11/23/2020 15:25	WG1579664
Ethane	U		0.296	1.29	1	11/23/2020 15:25	WG1579664
Ethene	U		0.422	1.27	1	11/23/2020 15:25	WG1579664

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 01:38	WG1583236
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 01:38	WG1583236
Benzene	U		0.0160	0.0400	1	11/30/2020 01:38	WG1583236
Bromobenzene	U		0.0420	0.500	1	11/30/2020 01:38	WG1583236
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 01:38	WG1583236
Bromoform	U		0.239	1.00	1	11/30/2020 01:38	WG1583236
Bromomethane	U		0.148	0.500	1	11/30/2020 01:38	WG1583236
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 01:38	WG1583236
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 01:38	WG1583236
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 01:38	WG1583236
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 01:38	WG1583236
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 01:38	WG1583236
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 01:38	WG1583236
Chloroethane	U		0.0432	0.200	1	11/30/2020 01:38	WG1583236
Chloroform	U		0.0166	0.100	1	11/30/2020 01:38	WG1583236
Chloromethane	U		0.0556	0.500	1	11/30/2020 01:38	WG1583236
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 01:38	WG1583236
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 01:38	WG1583236
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 01:38	WG1583236
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 01:38	WG1583236
Dibromomethane	U		0.0400	0.200	1	11/30/2020 01:38	WG1583236
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 01:38	WG1583236
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 01:38	WG1583236
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 01:38	WG1583236
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 01:38	WG1583236
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 01:38	WG1583236
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 01:38	WG1583236
1,1-Dichloroethene	0.961		0.0200	0.100	1	11/30/2020 01:38	WG1583236
cis-1,2-Dichloroethene	4.83		0.0276	0.100	1	12/01/2020 16:47	WG1584570
trans-1,2-Dichloroethene	0.248		0.0572	0.200	1	11/30/2020 01:38	WG1583236
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 01:38	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 01:38	WG1583236
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 01:38	WG1583236
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 01:38	WG1583236
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 01:38	WG1583236
2,2-Dichloropropane	U	J4	0.0317	0.100	1	11/30/2020 01:38	WG1583236
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 01:38	WG1583236
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 01:38	WG1583236
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 01:38	WG1583236
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 01:38	WG1583236
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 01:38	WG1583236
2-Butanone (MEK)	U	C3	0.500	1.00	1	11/30/2020 01:38	WG1583236
Methylene Chloride	U		0.265	1.00	1	11/30/2020 01:38	WG1583236
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 01:38	WG1583236
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 01:38	WG1583236
Naphthalene	U		0.124	0.500	1	11/30/2020 01:38	WG1583236
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 01:38	WG1583236
Styrene	U		0.109	0.500	1	11/30/2020 01:38	WG1583236
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 01:38	WG1583236
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 01:38	WG1583236
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 01:38	WG1583236
Tetrachloroethene	0.553		0.0280	0.100	1	12/01/2020 16:47	WG1584570
Toluene	0.139	J	0.0500	0.200	1	11/30/2020 01:38	WG1583236
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 01:38	WG1583236
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 01:38	WG1583236
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 01:38	WG1583236
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 01:38	WG1583236
Trichloroethene	4.95	C5	0.0160	0.0400	1	12/01/2020 16:47	WG1584570
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 01:38	WG1583236
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 01:38	WG1583236
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 01:38	WG1583236
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 01:38	WG1583236
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 01:38	WG1583236
Vinyl chloride	0.150		0.0273	0.100	1	11/30/2020 01:38	WG1583236
Xylenes, Total	U		0.191	0.260	1	11/30/2020 01:38	WG1583236
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 01:38	WG1583236
Tetrahydrofuran	U	C3	0.0900	0.500	1	11/30/2020 01:38	WG1583236
Iodomethane	U		0.242	0.500	1	11/30/2020 01:38	WG1583236
Allyl chloride	U		0.580	1.00	1	11/30/2020 01:38	WG1583236
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	11/30/2020 01:38	WG1583236
(S) Toluene-d8	*106*			*75.0-131*		*11/30/2020 01:38*	WG1583236
(S) Toluene-d8	*109*			*75.0-131*		*12/01/2020 16:47*	WG1584570
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*11/30/2020 01:38*	WG1583236
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*12/01/2020 16:47*	WG1584570
(S) 1,2-Dichloroethane-d4	*90.6*			*70.0-130*		*11/30/2020 01:38*	WG1583236
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/01/2020 16:47*	WG1584570

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	11/30/2020 01:57	WG1583236
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 01:57	WG1583236
Benzene	0.113		0.0160	0.0400	1	11/30/2020 01:57	WG1583236
Bromobenzene	U		0.0420	0.500	1	11/30/2020 01:57	WG1583236
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 01:57	WG1583236
Bromoform	U		0.239	1.00	1	11/30/2020 01:57	WG1583236
Bromomethane	U		0.148	0.500	1	11/30/2020 01:57	WG1583236
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 01:57	WG1583236
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 01:57	WG1583236
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 01:57	WG1583236
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 01:57	WG1583236
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 01:57	WG1583236
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 01:57	WG1583236
Chloroethane	U		0.0432	0.200	1	11/30/2020 01:57	WG1583236
Chloroform	U		0.0166	0.100	1	11/30/2020 01:57	WG1583236
Chloromethane	U		0.0556	0.500	1	11/30/2020 01:57	WG1583236
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 01:57	WG1583236
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 01:57	WG1583236
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 01:57	WG1583236
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 01:57	WG1583236
Dibromomethane	U		0.0400	0.200	1	11/30/2020 01:57	WG1583236
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 01:57	WG1583236
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 01:57	WG1583236
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 01:57	WG1583236
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 01:57	WG1583236
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 01:57	WG1583236
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 01:57	WG1583236
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 01:57	WG1583236
cis-1,2-Dichloroethene	1.22		0.0276	0.100	1	12/01/2020 17:06	WG1584570
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 01:57	WG1583236
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 01:57	WG1583236
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 01:57	WG1583236
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 01:57	WG1583236
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 01:57	WG1583236
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 01:57	WG1583236
2,2-Dichloropropane	U	J4	0.0317	0.100	1	11/30/2020 01:57	WG1583236
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 01:57	WG1583236
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 01:57	WG1583236
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 01:57	WG1583236
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 01:57	WG1583236
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 01:57	WG1583236
2-Butanone (MEK)	U	C3	0.500	1.00	1	11/30/2020 01:57	WG1583236
Methylene Chloride	U		0.265	1.00	1	11/30/2020 01:57	WG1583236
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 01:57	WG1583236
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 01:57	WG1583236
Naphthalene	U		0.124	0.500	1	11/30/2020 01:57	WG1583236
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 01:57	WG1583236
Styrene	U		0.109	0.500	1	11/30/2020 01:57	WG1583236
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 01:57	WG1583236
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 01:57	WG1583236
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 01:57	WG1583236
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 01:57	WG1583236
Toluene	U		0.0500	0.200	1	11/30/2020 01:57	WG1583236
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 01:57	WG1583236
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 01:57	WG1583236
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 01:57	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 01:57	WG1583236
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 01:57	WG1583236
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 01:57	WG1583236
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 01:57	WG1583236
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 01:57	WG1583236
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 01:57	WG1583236
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 01:57	WG1583236
Vinyl chloride	1.87		0.0273	0.100	1	11/30/2020 01:57	WG1583236
Xylenes, Total	U		0.191	0.260	1	11/30/2020 01:57	WG1583236
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 01:57	WG1583236
Tetrahydrofuran	U	C3	0.0900	0.500	1	11/30/2020 01:57	WG1583236
Iodomethane	U		0.242	0.500	1	11/30/2020 01:57	WG1583236
Allyl chloride	U		0.580	1.00	1	11/30/2020 01:57	WG1583236
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	11/30/2020 01:57	WG1583236
(S) Toluene-d8	*107*			*75.0-131*		*11/30/2020 01:57*	WG1583236
(S) Toluene-d8	*109*			*75.0-131*		*12/01/2020 17:06*	WG1584570
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*11/30/2020 01:57*	WG1583236
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*12/01/2020 17:06*	WG1584570
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*11/30/2020 01:57*	WG1583236
(S) 1,2-Dichloroethane-d4	*99.5*			*70.0-130*		*12/01/2020 17:06*	WG1584570

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	32700		594	5000	1	12/01/2020 05:14	WG1584160

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1610		102	1000	1	11/27/2020 22:29	WG1583149

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	3780		28.1	100	1	11/26/2020 01:10	WG1581599
Manganese	210		0.704	5.00	1	11/26/2020 01:10	WG1581599

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	121		0.287	0.678	1	11/23/2020 15:29	WG1579664
Ethane	U		0.296	1.29	1	11/23/2020 15:29	WG1579664
Ethene	U		0.422	1.27	1	11/23/2020 15:29	WG1579664

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 02:15	WG1583236
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 02:15	WG1583236
Benzene	0.0270	J	0.0160	0.0400	1	11/30/2020 02:15	WG1583236
Bromobenzene	U		0.0420	0.500	1	11/30/2020 02:15	WG1583236
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 02:15	WG1583236
Bromoform	U		0.239	1.00	1	11/30/2020 02:15	WG1583236
Bromomethane	U		0.148	0.500	1	11/30/2020 02:15	WG1583236
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 02:15	WG1583236
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 02:15	WG1583236
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 02:15	WG1583236
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 02:15	WG1583236
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 02:15	WG1583236
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 02:15	WG1583236
Chloroethane	U		0.0432	0.200	1	11/30/2020 02:15	WG1583236
Chloroform	U		0.0166	0.100	1	11/30/2020 02:15	WG1583236
Chloromethane	U		0.0556	0.500	1	11/30/2020 02:15	WG1583236
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 02:15	WG1583236
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 02:15	WG1583236
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 02:15	WG1583236
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 02:15	WG1583236
Dibromomethane	U		0.0400	0.200	1	11/30/2020 02:15	WG1583236
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 02:15	WG1583236
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 02:15	WG1583236
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 02:15	WG1583236
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 02:15	WG1583236
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 02:15	WG1583236
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 02:15	WG1583236
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 02:15	WG1583236
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/01/2020 17:25	WG1584570
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 02:15	WG1583236
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 02:15	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 02:15	WG1583236
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 02:15	WG1583236
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 02:15	WG1583236
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 02:15	WG1583236
2,2-Dichloropropane	U	J4	0.0317	0.100	1	11/30/2020 02:15	WG1583236
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 02:15	WG1583236
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 02:15	WG1583236
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 02:15	WG1583236
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 02:15	WG1583236
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 02:15	WG1583236
2-Butanone (MEK)	U	C3	0.500	1.00	1	11/30/2020 02:15	WG1583236
Methylene Chloride	U		0.265	1.00	1	11/30/2020 02:15	WG1583236
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 02:15	WG1583236
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 02:15	WG1583236
Naphthalene	U		0.124	0.500	1	11/30/2020 02:15	WG1583236
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 02:15	WG1583236
Styrene	U		0.109	0.500	1	11/30/2020 02:15	WG1583236
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 02:15	WG1583236
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 02:15	WG1583236
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 02:15	WG1583236
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 02:15	WG1583236
Toluene	0.322		0.0500	0.200	1	11/30/2020 02:15	WG1583236
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 02:15	WG1583236
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 02:15	WG1583236
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 02:15	WG1583236
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 02:15	WG1583236
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 02:15	WG1583236
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 02:15	WG1583236
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 02:15	WG1583236
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 02:15	WG1583236
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 02:15	WG1583236
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 02:15	WG1583236
Vinyl chloride	U		0.0273	0.100	1	11/30/2020 02:15	WG1583236
Xylenes, Total	U		0.191	0.260	1	11/30/2020 02:15	WG1583236
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 02:15	WG1583236
Tetrahydrofuran	U	C3	0.0900	0.500	1	11/30/2020 02:15	WG1583236
Iodomethane	U		0.242	0.500	1	11/30/2020 02:15	WG1583236
Allyl chloride	U		0.580	1.00	1	11/30/2020 02:15	WG1583236
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	11/30/2020 02:15	WG1583236
(S) Toluene-d8	*106*			*75.0-131*		*11/30/2020 02:15*	WG1583236
(S) Toluene-d8	*110*			*75.0-131*		*12/01/2020 17:25*	WG1584570
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*11/30/2020 02:15*	WG1583236
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*12/01/2020 17:25*	WG1584570
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*		*11/30/2020 02:15*	WG1583236
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*12/01/2020 17:25*	WG1584570

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	42200		594	5000	1	12/01/2020 05:27	WG1584160

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1750		102	1000	1	11/27/2020 22:53	WG1583149

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	750		28.1	100	1	11/26/2020 01:14	WG1581599
Manganese	675		3.52	25.0	5	11/26/2020 09:14	WG1581599

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	89.1		0.287	0.678	1	11/23/2020 15:32	WG1579664
Ethane	U		0.296	1.29	1	11/23/2020 15:32	WG1579664
Ethene	28.9		0.422	1.27	1	11/23/2020 15:32	WG1579664

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 02:34	WG1583236
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 02:34	WG1583236
Benzene	U		0.0160	0.0400	1	11/30/2020 02:34	WG1583236
Bromobenzene	U		0.0420	0.500	1	11/30/2020 02:34	WG1583236
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 02:34	WG1583236
Bromoform	U		0.239	1.00	1	11/30/2020 02:34	WG1583236
Bromomethane	U		0.148	0.500	1	11/30/2020 02:34	WG1583236
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 02:34	WG1583236
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 02:34	WG1583236
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 02:34	WG1583236
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 02:34	WG1583236
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 02:34	WG1583236
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 02:34	WG1583236
Chloroethane	0.287		0.0432	0.200	1	11/30/2020 02:34	WG1583236
Chloroform	U		0.0166	0.100	1	11/30/2020 02:34	WG1583236
Chloromethane	U		0.0556	0.500	1	11/30/2020 02:34	WG1583236
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 02:34	WG1583236
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 02:34	WG1583236
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 02:34	WG1583236
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 02:34	WG1583236
Dibromomethane	U		0.0400	0.200	1	11/30/2020 02:34	WG1583236
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 02:34	WG1583236
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 02:34	WG1583236
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 02:34	WG1583236
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 02:34	WG1583236
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 02:34	WG1583236
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 02:34	WG1583236
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 02:34	WG1583236
cis-1,2-Dichloroethene	0.0910	J	0.0276	0.100	1	11/30/2020 02:34	WG1583236
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 02:34	WG1583236
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 02:34	WG1583236

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 02:34	WG1583236
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 02:34	WG1583236
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 02:34	WG1583236
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 02:34	WG1583236
2,2-Dichloropropane	U	J4	0.0317	0.100	1	11/30/2020 02:34	WG1583236
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 02:34	WG1583236
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 02:34	WG1583236
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 02:34	WG1583236
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 02:34	WG1583236
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 02:34	WG1583236
2-Butanone (MEK)	U	C3	0.500	1.00	1	11/30/2020 02:34	WG1583236
Methylene Chloride	U		0.265	1.00	1	11/30/2020 02:34	WG1583236
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 02:34	WG1583236
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 02:34	WG1583236
Naphthalene	U		0.124	0.500	1	11/30/2020 02:34	WG1583236
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 02:34	WG1583236
Styrene	U		0.109	0.500	1	11/30/2020 02:34	WG1583236
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 02:34	WG1583236
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 02:34	WG1583236
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 02:34	WG1583236
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 02:34	WG1583236
Toluene	0.0620	J	0.0500	0.200	1	11/30/2020 02:34	WG1583236
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 02:34	WG1583236
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 02:34	WG1583236
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 02:34	WG1583236
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 02:34	WG1583236
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 02:34	WG1583236
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 02:34	WG1583236
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 02:34	WG1583236
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 02:34	WG1583236
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 02:34	WG1583236
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 02:34	WG1583236
Vinyl chloride	1.13		0.0273	0.100	1	11/30/2020 02:34	WG1583236
Xylenes, Total	U		0.191	0.260	1	11/30/2020 02:34	WG1583236
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 02:34	WG1583236
Tetrahydrofuran	U	C3	0.0900	0.500	1	11/30/2020 02:34	WG1583236
Iodomethane	U		0.242	0.500	1	11/30/2020 02:34	WG1583236
Allyl chloride	U		0.580	1.00	1	11/30/2020 02:34	WG1583236
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	11/30/2020 02:34	WG1583236
(S) Toluene-d8	*106*			*75.0-131*		*11/30/2020 02:34*	WG1583236
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*11/30/2020 02:34*	WG1583236
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*		*11/30/2020 02:34*	WG1583236

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	8270		594	5000	1	12/01/2020 05:39	WG1584160

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2370		102	1000	1	11/27/2020 23:10	WG1583149

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	6640		28.1	100	1	11/26/2020 01:17	WG1581599
Manganese	1260		7.04	50.0	10	11/26/2020 09:17	WG1581599

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	43.8	B J	31.6	100	1	11/30/2020 01:37	WG1583619
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*78.0-120*		*11/30/2020 01:37*	WG1583619

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	182		0.287	0.678	1	11/23/2020 15:34	WG1579664
Ethane	U		0.296	1.29	1	11/23/2020 15:34	WG1579664
Ethene	U		0.422	1.27	1	11/23/2020 15:34	WG1579664

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 21:04	WG1584116
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 21:04	WG1584116
Benzene	U		0.0160	0.0400	1	11/30/2020 21:04	WG1584116
Bromobenzene	U		0.0420	0.500	1	11/30/2020 21:04	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 21:04	WG1584116
Bromoform	U		0.239	1.00	1	11/30/2020 21:04	WG1584116
Bromomethane	U		0.148	0.500	1	11/30/2020 21:04	WG1584116
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 21:04	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 21:04	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 21:04	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 21:04	WG1584116
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 21:04	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 21:04	WG1584116
Chloroethane	U		0.0432	0.200	1	11/30/2020 21:04	WG1584116
Chloroform	U		0.0166	0.100	1	11/30/2020 21:04	WG1584116
Chloromethane	U		0.0556	0.500	1	11/30/2020 21:04	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 21:04	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 21:04	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 21:04	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 21:04	WG1584116
Dibromomethane	U		0.0400	0.200	1	11/30/2020 21:04	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 21:04	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 21:04	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 21:04	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 21:04	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 21:04	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 21:04	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 21:04	WG1584116
cis-1,2-Dichloroethene	0.505		0.0276	0.100	1	11/30/2020 21:04	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 21:04	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 21:04	WG1584116
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 21:04	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 21:04	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 21:04	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 21:04	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	11/30/2020 21:04	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 21:04	WG1584116
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 21:04	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 21:04	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 21:04	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 21:04	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	11/30/2020 21:04	WG1584116
Methylene Chloride	U		0.265	1.00	1	11/30/2020 21:04	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 21:04	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 21:04	WG1584116
Naphthalene	U	C3	0.124	0.500	1	11/30/2020 21:04	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 21:04	WG1584116
Styrene	U		0.109	0.500	1	11/30/2020 21:04	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 21:04	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 21:04	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 21:04	WG1584116
Tetrachloroethene	0.607		0.0280	0.100	1	11/30/2020 21:04	WG1584116
Toluene	0.205		0.0500	0.200	1	11/30/2020 21:04	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 21:04	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 21:04	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 21:04	WG1584116
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 21:04	WG1584116
Trichloroethene	0.318		0.0160	0.0400	1	11/30/2020 21:04	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 21:04	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 21:04	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 21:04	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 21:04	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 21:04	WG1584116
Vinyl chloride	U		0.0273	0.100	1	11/30/2020 21:04	WG1584116
Xylenes, Total	U		0.191	0.260	1	11/30/2020 21:04	WG1584116
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 21:04	WG1584116
Tetrahydrofuran	0.166	J	0.0900	0.500	1	11/30/2020 21:04	WG1584116
Iodomethane	U		0.242	0.500	1	11/30/2020 21:04	WG1584116
Allyl chloride	U		0.580	1.00	1	11/30/2020 21:04	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	11/30/2020 21:04	WG1584116
(S) Toluene-d8	*102*			*75.0-131*		*11/30/2020 21:04*	WG1584116
(S) 4-Bromofluorobenzene	*92.3*			*67.0-138*		*11/30/2020 21:04*	WG1584116
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*11/30/2020 21:04*	WG1584116

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	45900		594	5000	1	12/01/2020 05:52	WG1584160

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	948	J	102	1000	1	11/27/2020 23:25	WG1583149

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4630		28.1	100	1	11/26/2020 01:21	WG1581599
Manganese	452		3.52	25.0	5	11/26/2020 09:20	WG1581599

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	16.8		0.287	0.678	1	11/23/2020 15:36	WG1579664
Ethane	U		0.296	1.29	1	11/23/2020 15:36	WG1579664
Ethene	U		0.422	1.27	1	11/23/2020 15:36	WG1579664

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 21:23	WG1584116
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 21:23	WG1584116
Benzene	U		0.0160	0.0400	1	11/30/2020 21:23	WG1584116
Bromobenzene	U		0.0420	0.500	1	11/30/2020 21:23	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 21:23	WG1584116
Bromoform	U		0.239	1.00	1	11/30/2020 21:23	WG1584116
Bromomethane	U		0.148	0.500	1	11/30/2020 21:23	WG1584116
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 21:23	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 21:23	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 21:23	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 21:23	WG1584116
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 21:23	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 21:23	WG1584116
Chloroethane	U		0.0432	0.200	1	11/30/2020 21:23	WG1584116
Chloroform	U		0.0166	0.100	1	11/30/2020 21:23	WG1584116
Chloromethane	U		0.0556	0.500	1	11/30/2020 21:23	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 21:23	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 21:23	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 21:23	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 21:23	WG1584116
Dibromomethane	U		0.0400	0.200	1	11/30/2020 21:23	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 21:23	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 21:23	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 21:23	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 21:23	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 21:23	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 21:23	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 21:23	WG1584116
cis-1,2-Dichloroethene	U		0.0276	0.100	1	11/30/2020 21:23	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 21:23	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 21:23	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 21:23	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 21:23	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 21:23	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 21:23	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	11/30/2020 21:23	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 21:23	WG1584116
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 21:23	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 21:23	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 21:23	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 21:23	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	11/30/2020 21:23	WG1584116
Methylene Chloride	U		0.265	1.00	1	11/30/2020 21:23	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 21:23	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 21:23	WG1584116
Naphthalene	U	C3	0.124	0.500	1	11/30/2020 21:23	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 21:23	WG1584116
Styrene	U		0.109	0.500	1	11/30/2020 21:23	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 21:23	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 21:23	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 21:23	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 21:23	WG1584116
Toluene	U		0.0500	0.200	1	11/30/2020 21:23	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 21:23	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 21:23	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 21:23	WG1584116
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 21:23	WG1584116
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 21:23	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 21:23	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 21:23	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 21:23	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 21:23	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 21:23	WG1584116
Vinyl chloride	U		0.0273	0.100	1	11/30/2020 21:23	WG1584116
Xylenes, Total	U		0.191	0.260	1	11/30/2020 21:23	WG1584116
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 21:23	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	11/30/2020 21:23	WG1584116
Iodomethane	U		0.242	0.500	1	11/30/2020 21:23	WG1584116
Allyl chloride	U		0.580	1.00	1	11/30/2020 21:23	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	11/30/2020 21:23	WG1584116
(S) Toluene-d8	*106*			*75.0-131*		*11/30/2020 21:23*	WG1584116
(S) 4-Bromofluorobenzene	*89.1*			*67.0-138*		*11/30/2020 21:23*	WG1584116
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*11/30/2020 21:23*	WG1584116

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	51900		594	5000	1	12/01/2020 06:05	WG1584160

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3080		102	1000	1	11/27/2020 23:59	WG1583149

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1600		28.1	100	1	11/26/2020 01:24	WG1581599
Manganese	1010		3.52	25.0	5	11/26/2020 09:24	WG1581599

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	95.6		0.287	0.678	1	11/23/2020 15:39	WG1579664
Ethane	U		0.296	1.29	1	11/23/2020 15:39	WG1579664
Ethene	37.6		0.422	1.27	1	11/23/2020 15:39	WG1579664

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 21:42	WG1584116
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 21:42	WG1584116
Benzene	U		0.0160	0.0400	1	11/30/2020 21:42	WG1584116
Bromobenzene	U		0.0420	0.500	1	11/30/2020 21:42	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 21:42	WG1584116
Bromoform	U		0.239	1.00	1	11/30/2020 21:42	WG1584116
Bromomethane	U		0.148	0.500	1	11/30/2020 21:42	WG1584116
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 21:42	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 21:42	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 21:42	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 21:42	WG1584116
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 21:42	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 21:42	WG1584116
Chloroethane	U		0.0432	0.200	1	11/30/2020 21:42	WG1584116
Chloroform	U		0.0166	0.100	1	11/30/2020 21:42	WG1584116
Chloromethane	U		0.0556	0.500	1	11/30/2020 21:42	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 21:42	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 21:42	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 21:42	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 21:42	WG1584116
Dibromomethane	U		0.0400	0.200	1	11/30/2020 21:42	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 21:42	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 21:42	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 21:42	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 21:42	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 21:42	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 21:42	WG1584116
1,1-Dichloroethene	0.0430	J	0.0200	0.100	1	11/30/2020 21:42	WG1584116
cis-1,2-Dichloroethene	21.8		0.0276	0.100	1	11/30/2020 21:42	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 21:42	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 21:42	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 21:42	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 21:42	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 21:42	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 21:42	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	11/30/2020 21:42	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 21:42	WG1584116
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 21:42	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 21:42	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 21:42	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 21:42	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	11/30/2020 21:42	WG1584116
Methylene Chloride	U		0.265	1.00	1	11/30/2020 21:42	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 21:42	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 21:42	WG1584116
Naphthalene	U	C3	0.124	0.500	1	11/30/2020 21:42	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 21:42	WG1584116
Styrene	U		0.109	0.500	1	11/30/2020 21:42	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 21:42	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 21:42	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 21:42	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 21:42	WG1584116
Toluene	0.0820	J	0.0500	0.200	1	11/30/2020 21:42	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 21:42	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 21:42	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 21:42	WG1584116
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 21:42	WG1584116
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 21:42	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 21:42	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 21:42	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 21:42	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 21:42	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 21:42	WG1584116
Vinyl chloride	64.9		0.0273	0.100	1	11/30/2020 21:42	WG1584116
Xylenes, Total	U		0.191	0.260	1	11/30/2020 21:42	WG1584116
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 21:42	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	11/30/2020 21:42	WG1584116
Iodomethane	U		0.242	0.500	1	11/30/2020 21:42	WG1584116
Allyl chloride	U		0.580	1.00	1	11/30/2020 21:42	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	11/30/2020 21:42	WG1584116
(S) Toluene-d8	*102*			*75.0-131*		*11/30/2020 21:42*	WG1584116
(S) 4-Bromofluorobenzene	*94.5*			*67.0-138*		*11/30/2020 21:42*	WG1584116
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*11/30/2020 21:42*	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 22:01	WG1584116
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 22:01	WG1584116
Benzene	U		0.0160	0.0400	1	11/30/2020 22:01	WG1584116
Bromobenzene	U		0.0420	0.500	1	11/30/2020 22:01	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 22:01	WG1584116
Bromoform	U		0.239	1.00	1	11/30/2020 22:01	WG1584116
Bromomethane	U		0.148	0.500	1	11/30/2020 22:01	WG1584116
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 22:01	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 22:01	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 22:01	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 22:01	WG1584116
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 22:01	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 22:01	WG1584116
Chloroethane	U		0.0432	0.200	1	11/30/2020 22:01	WG1584116
Chloroform	U		0.0166	0.100	1	11/30/2020 22:01	WG1584116
Chloromethane	U		0.0556	0.500	1	11/30/2020 22:01	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 22:01	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 22:01	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 22:01	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 22:01	WG1584116
Dibromomethane	U		0.0400	0.200	1	11/30/2020 22:01	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 22:01	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 22:01	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 22:01	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 22:01	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 22:01	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 22:01	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 22:01	WG1584116
cis-1,2-Dichloroethene	U		0.0276	0.100	1	11/30/2020 22:01	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 22:01	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 22:01	WG1584116
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 22:01	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 22:01	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 22:01	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 22:01	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	11/30/2020 22:01	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 22:01	WG1584116
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 22:01	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 22:01	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 22:01	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 22:01	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	11/30/2020 22:01	WG1584116
Methylene Chloride	U		0.265	1.00	1	11/30/2020 22:01	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 22:01	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 22:01	WG1584116
Naphthalene	U	C3	0.124	0.500	1	11/30/2020 22:01	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 22:01	WG1584116
Styrene	U		0.109	0.500	1	11/30/2020 22:01	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 22:01	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 22:01	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 22:01	WG1584116
Tetrachloroethene	0.0480	J	0.0280	0.100	1	11/30/2020 22:01	WG1584116
Toluene	0.464		0.0500	0.200	1	11/30/2020 22:01	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 22:01	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 22:01	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 22:01	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 22:01	WG1584116
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 22:01	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 22:01	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 22:01	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 22:01	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 22:01	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 22:01	WG1584116
Vinyl chloride	U		0.0273	0.100	1	11/30/2020 22:01	WG1584116
Xylenes, Total	U		0.191	0.260	1	11/30/2020 22:01	WG1584116
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 22:01	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	11/30/2020 22:01	WG1584116
Iodomethane	U		0.242	0.500	1	11/30/2020 22:01	WG1584116
Allyl chloride	U		0.580	1.00	1	11/30/2020 22:01	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	11/30/2020 22:01	WG1584116
(S) Toluene-d8	*106*			*75.0-131*		*11/30/2020 22:01*	WG1584116
(S) 4-Bromofluorobenzene	*91.8*			*67.0-138*		*11/30/2020 22:01*	WG1584116
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*11/30/2020 22:01*	WG1584116

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	40.6	B J	31.6	100	1	11/28/2020 01:24	WG1583434
(S) a,a,a-Trifluorotoluene(FID)	*94.9*			*78.0-120*		*11/28/2020 01:24*	WG1583434

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.97	C5	0.548	1.00	1	11/30/2020 20:45	WG1584116
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 20:45	WG1584116
Benzene	U		0.0160	0.0400	1	11/30/2020 20:45	WG1584116
Bromobenzene	U		0.0420	0.500	1	11/30/2020 20:45	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 20:45	WG1584116
Bromoform	U		0.239	1.00	1	11/30/2020 20:45	WG1584116
Bromomethane	U		0.148	0.500	1	11/30/2020 20:45	WG1584116
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 20:45	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 20:45	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 20:45	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 20:45	WG1584116
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 20:45	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 20:45	WG1584116
Chloroethane	U		0.0432	0.200	1	11/30/2020 20:45	WG1584116
Chloroform	U		0.0166	0.100	1	11/30/2020 20:45	WG1584116
Chloromethane	U		0.0556	0.500	1	11/30/2020 20:45	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 20:45	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 20:45	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 20:45	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 20:45	WG1584116
Dibromomethane	U		0.0400	0.200	1	11/30/2020 20:45	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 20:45	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 20:45	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 20:45	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 20:45	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 20:45	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 20:45	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 20:45	WG1584116
cis-1,2-Dichloroethene	U		0.0276	0.100	1	11/30/2020 20:45	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 20:45	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 20:45	WG1584116
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 20:45	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 20:45	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 20:45	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 20:45	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	11/30/2020 20:45	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 20:45	WG1584116
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 20:45	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 20:45	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 20:45	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 20:45	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	11/30/2020 20:45	WG1584116
Methylene Chloride	U		0.265	1.00	1	11/30/2020 20:45	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 20:45	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 20:45	WG1584116
Naphthalene	U	C3	0.124	0.500	1	11/30/2020 20:45	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 20:45	WG1584116
Styrene	U		0.109	0.500	1	11/30/2020 20:45	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 20:45	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 20:45	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 20:45	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 20:45	WG1584116
Toluene	U		0.0500	0.200	1	11/30/2020 20:45	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 20:45	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 20:45	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 20:45	WG1584116
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 20:45	WG1584116
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 20:45	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 20:45	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 20:45	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 20:45	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 20:45	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 20:45	WG1584116
Vinyl chloride	U		0.0273	0.100	1	11/30/2020 20:45	WG1584116
Xylenes, Total	U		0.191	0.260	1	11/30/2020 20:45	WG1584116
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 20:45	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	11/30/2020 20:45	WG1584116
Iodomethane	U		0.242	0.500	1	11/30/2020 20:45	WG1584116
Allyl chloride	U		0.580	1.00	1	11/30/2020 20:45	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	11/30/2020 20:45	WG1584116
(S) Toluene-d8	*103*			*75.0-131*		*11/30/2020 20:45*	WG1584116
(S) 4-Bromofluorobenzene	*93.9*			*67.0-138*		*11/30/2020 20:45*	WG1584116
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*11/30/2020 20:45*	WG1584116

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	3720	J	594	5000	1	12/01/2020 06:18	WG1584160

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1070		102	1000	1	11/28/2020 00:14	WG1583149

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	3640		140	500	5	11/25/2020 12:33	WG1581079
Manganese	255		3.52	25.0	5	11/25/2020 12:33	WG1581079

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	15.5		0.287	0.678	1	11/23/2020 15:51	WG1579664
Ethane	U		0.296	1.29	1	11/23/2020 15:51	WG1579664
Ethene	U		0.422	1.27	1	11/23/2020 15:51	WG1579664

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 22:20	WG1584116
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 22:20	WG1584116
Benzene	U		0.0160	0.0400	1	11/30/2020 22:20	WG1584116
Bromobenzene	U		0.0420	0.500	1	11/30/2020 22:20	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 22:20	WG1584116
Bromoform	U		0.239	1.00	1	11/30/2020 22:20	WG1584116
Bromomethane	U		0.148	0.500	1	11/30/2020 22:20	WG1584116
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 22:20	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 22:20	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 22:20	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 22:20	WG1584116
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 22:20	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 22:20	WG1584116
Chloroethane	U		0.0432	0.200	1	11/30/2020 22:20	WG1584116
Chloroform	U		0.0166	0.100	1	11/30/2020 22:20	WG1584116
Chloromethane	U		0.0556	0.500	1	11/30/2020 22:20	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 22:20	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 22:20	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 22:20	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 22:20	WG1584116
Dibromomethane	U		0.0400	0.200	1	11/30/2020 22:20	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 22:20	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 22:20	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 22:20	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 22:20	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 22:20	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 22:20	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 22:20	WG1584116
cis-1,2-Dichloroethene	U		0.0276	0.100	1	11/30/2020 22:20	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 22:20	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 22:20	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 22:20	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 22:20	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 22:20	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 22:20	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	11/30/2020 22:20	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 22:20	WG1584116
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 22:20	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 22:20	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 22:20	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 22:20	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	11/30/2020 22:20	WG1584116
Methylene Chloride	U		0.265	1.00	1	11/30/2020 22:20	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 22:20	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 22:20	WG1584116
Naphthalene	U	C3	0.124	0.500	1	11/30/2020 22:20	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 22:20	WG1584116
Styrene	U		0.109	0.500	1	11/30/2020 22:20	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 22:20	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 22:20	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 22:20	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 22:20	WG1584116
Toluene	0.0710	J	0.0500	0.200	1	11/30/2020 22:20	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 22:20	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 22:20	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 22:20	WG1584116
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 22:20	WG1584116
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 22:20	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 22:20	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 22:20	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 22:20	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 22:20	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 22:20	WG1584116
Vinyl chloride	U		0.0273	0.100	1	11/30/2020 22:20	WG1584116
Xylenes, Total	U		0.191	0.260	1	11/30/2020 22:20	WG1584116
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 22:20	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	11/30/2020 22:20	WG1584116
Iodomethane	U		0.242	0.500	1	11/30/2020 22:20	WG1584116
Allyl chloride	U		0.580	1.00	1	11/30/2020 22:20	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	11/30/2020 22:20	WG1584116
(S) Toluene-d8	*103*			*75.0-131*		*11/30/2020 22:20*	WG1584116
(S) 4-Bromofluorobenzene	*93.4*			*67.0-138*		*11/30/2020 22:20*	WG1584116
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*11/30/2020 22:20*	WG1584116

Method Blank (MB)

(MB) R3599231-1 12/01/20 01:03

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Sulfate	U		594	5000

L1288012-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1288012-15 12/01/20 06:18 • (DUP) R3599231-6 12/01/20 06:56

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfate	3720	3720	1	0.0322	J	15

Laboratory Control Sample (LCS)

(LCS) R3599231-2 12/01/20 01:16

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfate	40000	41000	102	80.0-120	

L1288012-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1288012-04 12/01/20 03:32 • (MS) R3599231-4 12/01/20 04:23 • (MSD) R3599231-5 12/01/20 04:36

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	50000	128000	177000	172000	97.7	89.1	1	80.0-120	E	E	2.46	15

L1288012-15 Original Sample (OS) • Matrix Spike (MS)

(OS) L1288012-15 12/01/20 06:18 • (MS) R3599231-7 12/01/20 07:09

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Sulfate	50000	3720	58200	109	1	80.0-120	

Method Blank (MB)

(MB) R3599505-1 12/01/20 09:50

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Sulfate	U		594	5000

L1285469-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1285469-08 12/01/20 15:52 • (DUP) R3599505-3 12/01/20 16:05

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	U	U	50	0.000		15

L1290835-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1290835-07 12/01/20 14:35 • (DUP) R3599505-6 12/01/20 18:13

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	25500	26000	1	1.82		15

Laboratory Control Sample (LCS)

(LCS) R3599505-2 12/01/20 10:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40000	39500	98.8	80.0-120	

L1290517-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1290517-01 12/01/20 16:17 • (MS) R3599505-4 12/01/20 16:30 • (MSD) R3599505-5 12/01/20 16:43

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfate	50000	29200	81600	80600	105	103	1	80.0-120			1.22	15

L1290835-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1290835-08 12/01/20 14:48 • (MS) R3599505-7 12/01/20 18:26

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Sulfate	50000	U	52000	104	1	80.0-120	

Method Blank (MB)

(MB) R3598073-1 11/27/20 11:43

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		102	1000

L1288012-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1288012-01 11/27/20 18:26 • (DUP) R3598073-5 11/27/20 18:48

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	7620	7610	1	0.144		20

L1288012-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1288012-11 11/27/20 23:25 • (DUP) R3598073-8 11/27/20 23:43

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	948	928	1	2.14	J	20

Laboratory Control Sample (LCS)

(LCS) R3598073-2 11/27/20 12:20

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	76000	101	85.0-115	

L1287878-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1287878-02 11/27/20 14:02 • (MS) R3598073-3 11/27/20 14:28 • (MSD) R3598073-4 11/27/20 14:52

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	1400	49600	49300	96.4	95.8	1	80.0-120			0.566	20

L1288012-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1288012-05 11/27/20 19:18 • (MS) R3598073-6 11/27/20 19:42 • (MSD) R3598073-7 11/27/20 20:06

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	1940	48600	50600	93.4	97.3	1	80.0-120			3.91	20

Method Blank (MB)

(MB) R3597322-1 11/25/20 10:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		28.1	100
Manganese	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3597322-2 11/25/20 10:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	5000	5520	110	80.0-120	
Manganese	50.0	52.9	106	80.0-120	

L1287230-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1287230-09 11/25/20 10:53 • (MS) R3597322-4 11/25/20 10:59 • (MSD) R3597322-5 11/25/20 11:02

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	5000	453	5670	5730	104	106	1	75.0-125			1.10	20
Manganese	50.0	650	691	710	81.3	118	1	75.0-125			2.65	20

Method Blank (MB)

(MB) R3597673-2 11/25/20 23:44

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		28.1	100
Manganese	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3597673-3 11/25/20 23:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	5000	5320	106	80.0-120	
Manganese	50.0	50.8	102	80.0-120	

L1287887-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1287887-07 11/25/20 23:51 • (MS) R3597673-5 11/25/20 23:58 • (MSD) R3597673-6 11/26/20 00:01

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	5000	U	5080	5400	102	108	1	75.0-125			6.15	20
Manganese	50.0	130	176	174	92.6	88.9	1	75.0-125			1.06	20

Method Blank (MB)

(MB) R3598896-2 11/28/20 01:00

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	45.0	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*94.3*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3598896-1 11/27/20 23:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	4820	87.6	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*85.6*	*78.0-120*	

L1287903-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1287903-02 11/28/20 04:34 • (MS) R3598896-3 11/28/20 10:36 • (MSD) R3598896-4 11/28/20 11:00

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5500	1510	3960	5420	44.5	71.1	1	10.0-155		J3	31.1	21
(S) a,a,a-Trifluorotoluene(FID)					*65.1*	*64.0*		*78.0-120*	J2	J2		

Method Blank (MB)

(MB) R3598644-3 11/30/20 00:16

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	34.5	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3598644-1 11/29/20 22:54 • (LCSD) R3598644-2 11/29/20 23:35

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5500	6040	6110	110	111	70.0-124			1.15	20
(S) a,a,a-Trifluorotoluene(FID)				*107*	*107*	*78.0-120*				

Method Blank (MB)

(MB) R3596541-2 11/23/20 14:22

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		0.287	0.678
Ethane	U		0.296	1.29
Ethene	U		0.422	1.27

L1287683-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1287683-04 11/23/20 14:53 • (DUP) R3596541-3 11/23/20 15:12

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1288012-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1288012-10 11/23/20 15:34 • (DUP) R3596541-4 11/23/20 16:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	182	183	1	0.548		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3596541-1 11/23/20 14:18 • (LCSD) R3596541-5 11/23/20 16:07

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	67.8	63.8	100	94.1	85.0-115			6.08	20
Ethane	129	124	116	96.1	89.9	85.0-115			6.67	20
Ethene	127	124	114	97.6	89.8	85.0-115			8.40	20

Method Blank (MB)

(MB) R3598890-3 11/29/20 18:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3598890-3 11/29/20 18:37

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	2.58		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*106*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*88.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3598890-1 11/29/20 17:21 • (LCSD) R3598890-2 11/29/20 17:40

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	22.3	20.6	89.2	82.4	10.0-160			7.93	31
Acrylonitrile	25.0	23.2	22.8	92.8	91.2	45.0-153			1.74	22
Benzene	5.00	4.90	4.80	98.0	96.0	70.0-123			2.06	20
Bromobenzene	5.00	4.88	4.80	97.6	96.0	73.0-121			1.65	20
Bromodichloromethane	5.00	5.11	5.05	102	101	73.0-121			1.18	20
Bromoform	5.00	5.63	5.95	113	119	64.0-132			5.53	20
Bromomethane	5.00	5.02	4.95	100	99.0	56.0-147			1.40	20
n-Butylbenzene	5.00	5.01	4.91	100	98.2	68.0-135			2.02	20
sec-Butylbenzene	5.00	4.91	4.85	98.2	97.0	74.0-130			1.23	20
tert-Butylbenzene	5.00	4.86	4.93	97.2	98.6	75.0-127			1.43	20
Carbon tetrachloride	5.00	6.17	6.11	123	122	66.0-128			0.977	20
Chlorobenzene	5.00	5.20	5.25	104	105	76.0-128			0.957	20
Chlorodibromomethane	5.00	5.49	5.49	110	110	74.0-127			0.000	20
Chloroethane	5.00	4.85	4.89	97.0	97.8	61.0-134			0.821	20
Chloroform	5.00	5.29	5.14	106	103	72.0-123			2.88	20
Chloromethane	5.00	4.52	4.45	90.4	89.0	51.0-138			1.56	20
2-Chlorotoluene	5.00	5.02	4.80	100	96.0	75.0-124			4.48	20
4-Chlorotoluene	5.00	4.45	4.38	89.0	87.6	75.0-124			1.59	20
1,2-Dibromo-3-Chloropropane	5.00	5.00	4.57	100	91.4	59.0-130			8.99	20
1,2-Dibromoethane	5.00	5.38	5.33	108	107	74.0-128			0.934	20
Dibromomethane	5.00	5.14	4.99	103	99.8	75.0-122			2.96	20
1,2-Dichlorobenzene	5.00	4.77	4.72	95.4	94.4	76.0-124			1.05	20
1,3-Dichlorobenzene	5.00	4.98	4.96	99.6	99.2	76.0-125			0.402	20
1,4-Dichlorobenzene	5.00	4.90	4.82	98.0	96.4	77.0-121			1.65	20
trans-1,4-Dichloro-2-butene	5.00	5.05	3.97	101	79.4	45.0-143		J3	23.9	20
Dichlorodifluoromethane	5.00	4.29	3.93	85.8	78.6	43.0-156			8.76	20
1,1-Dichloroethane	5.00	5.11	5.04	102	101	70.0-127			1.38	20
1,2-Dichloroethane	5.00	4.19	4.19	83.8	83.8	65.0-131			0.000	20
1,1-Dichloroethene	5.00	4.49	4.46	89.8	89.2	65.0-131			0.670	20
cis-1,2-Dichloroethene	5.00	5.18	5.12	104	102	73.0-125			1.17	20
trans-1,2-Dichloroethene	5.00	5.40	5.51	108	110	71.0-125			2.02	20
1,2-Dichloropropane	5.00	4.95	4.97	99.0	99.4	74.0-125			0.403	20
1,1-Dichloropropene	5.00	5.17	5.13	103	103	73.0-125			0.777	20
1,3-Dichloropropane	5.00	5.02	5.05	100	101	80.0-125			0.596	20
cis-1,3-Dichloropropene	5.00	5.21	5.02	104	100	76.0-127			3.71	20
trans-1,3-Dichloropropene	5.00	5.13	5.11	103	102	73.0-127			0.391	20
2,2-Dichloropropane	5.00	7.08	6.93	142	139	59.0-135	J4	J4	2.14	20
Di-isopropyl ether	5.00	4.37	4.42	87.4	88.4	60.0-136			1.14	20
Ethylbenzene	5.00	5.45	5.53	109	111	74.0-126			1.46	20
Ethyl ether	5.00	4.45	4.54	89.0	90.8	64.0-137			2.00	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3598890-1 11/29/20 17:21 • (LCSD) R3598890-2 11/29/20 17:40

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hexachloro-1,3-butadiene	5.00	6.86	6.92	137	138	57.0-150			0.871	20
Iodomethane	25.0	27.3	27.2	109	109	74.0-134			0.367	20
Isopropylbenzene	5.00	5.45	5.62	109	112	72.0-127			3.07	20
p-Isopropyltoluene	5.00	4.97	5.03	99.4	101	72.0-133			1.20	20
2-Butanone (MEK)	25.0	20.8	20.2	83.2	80.8	30.0-160			2.93	24
Methylene Chloride	5.00	4.95	4.95	99.0	99.0	68.0-123			0.000	20
4-Methyl-2-pentanone (MIBK)	25.0	21.1	21.9	84.4	87.6	56.0-143			3.72	20
Methyl tert-butyl ether	5.00	4.91	4.83	98.2	96.6	66.0-132			1.64	20
Naphthalene	5.00	4.99	5.22	99.8	104	59.0-130			4.51	20
n-Propylbenzene	5.00	4.54	4.57	90.8	91.4	74.0-126			0.659	20
Styrene	5.00	5.13	5.23	103	105	72.0-127			1.93	20
1,1,1,2-Tetrachloroethane	5.00	4.86	4.93	97.2	98.6	74.0-129			1.43	20
1,1,2,2-Tetrachloroethane	5.00	4.35	4.37	87.0	87.4	68.0-128			0.459	20
Tetrachloroethene	5.00	6.42	6.42	128	128	70.0-136			0.000	20
Tetrahydrofuran	5.00	4.15	4.12	83.0	82.4	37.0-146			0.726	24
Toluene	5.00	5.04	5.06	101	101	75.0-121			0.396	20
1,1,2-Trichlorotrifluoroethane	5.00	4.61	4.74	92.2	94.8	61.0-139			2.78	20
1,2,3-Trichlorobenzene	5.00	5.90	5.86	118	117	59.0-139			0.680	20
1,2,4-Trichlorobenzene	5.00	5.60	5.63	112	113	62.0-137			0.534	20
1,1,1-Trichloroethane	5.00	5.52	5.40	110	108	69.0-126			2.20	20
1,1,2-Trichloroethane	5.00	5.35	5.29	107	106	78.0-123			1.13	20
Trichloroethene	5.00	6.00	5.81	120	116	76.0-126			3.22	20
Trichlorofluoromethane	5.00	4.58	4.51	91.6	90.2	61.0-142			1.54	20
1,2,3-Trichloropropane	5.00	4.17	4.22	83.4	84.4	67.0-129			1.19	20
1,2,3-Trimethylbenzene	5.00	4.56	4.50	91.2	90.0	74.0-124			1.32	20
1,2,4-Trimethylbenzene	5.00	4.67	4.67	93.4	93.4	70.0-126			0.000	20
1,3,5-Trimethylbenzene	5.00	4.80	4.81	96.0	96.2	73.0-127			0.208	20
Vinyl chloride	5.00	4.92	4.75	98.4	95.0	63.0-134			3.52	20
Xylenes, Total	15.0	16.1	16.6	107	111	72.0-127			3.06	20
Allyl chloride	25.0	28.0	27.6	112	110	70.0-131			1.44	20
(S) Toluene-d8				*104*	*104*	*75.0-131*				
(S) 4-Bromofluorobenzene				*106*	*108*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*92.6*	*91.0*	*70.0-130*				

Method Blank (MB)

(MB) R3599080-2 11/30/20 18:59

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3599080-2 11/30/20 18:59

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3599080-1 11/30/20 17:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	34.5	138	10.0-160	
Acrylonitrile	25.0	33.3	133	45.0-153	
Benzene	5.00	5.01	100	70.0-123	
Bromobenzene	5.00	5.14	103	73.0-121	
Bromodichloromethane	5.00	5.13	103	73.0-121	
Bromoform	5.00	4.66	93.2	64.0-132	
Bromomethane	5.00	5.04	101	56.0-147	
n-Butylbenzene	5.00	4.67	93.4	68.0-135	
sec-Butylbenzene	5.00	4.89	97.8	74.0-130	
tert-Butylbenzene	5.00	4.70	94.0	75.0-127	
Carbon tetrachloride	5.00	4.97	99.4	66.0-128	
Chlorobenzene	5.00	4.55	91.0	76.0-128	
Chlorodibromomethane	5.00	4.27	85.4	74.0-127	
Chloroethane	5.00	5.82	116	61.0-134	
Chloroform	5.00	5.35	107	72.0-123	
Chloromethane	5.00	6.23	125	51.0-138	
2-Chlorotoluene	5.00	5.32	106	75.0-124	
4-Chlorotoluene	5.00	5.38	108	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.41	88.2	59.0-130	
1,2-Dibromoethane	5.00	4.73	94.6	74.0-128	
Dibromomethane	5.00	5.23	105	75.0-122	
1,2-Dichlorobenzene	5.00	4.56	91.2	76.0-124	
1,3-Dichlorobenzene	5.00	4.50	90.0	76.0-125	
1,4-Dichlorobenzene	5.00	4.65	93.0	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.90	98.0	45.0-143	
Dichlorodifluoromethane	5.00	6.10	122	43.0-156	
1,1-Dichloroethane	5.00	5.88	118	70.0-127	
1,2-Dichloroethane	5.00	5.21	104	65.0-131	
1,1-Dichloroethene	5.00	6.14	123	65.0-131	
cis-1,2-Dichloroethene	5.00	5.75	115	73.0-125	
trans-1,2-Dichloroethene	5.00	5.19	104	71.0-125	
1,2-Dichloropropane	5.00	5.34	107	74.0-125	
1,1-Dichloropropene	5.00	4.98	99.6	73.0-125	
1,3-Dichloropropane	5.00	5.22	104	80.0-125	
cis-1,3-Dichloropropene	5.00	4.91	98.2	76.0-127	
trans-1,3-Dichloropropene	5.00	5.20	104	73.0-127	
2,2-Dichloropropane	5.00	5.79	116	59.0-135	
Di-isopropyl ether	5.00	6.34	127	60.0-136	
Ethylbenzene	5.00	4.65	93.0	74.0-126	
Ethyl ether	5.00	5.69	114	64.0-137	

Laboratory Control Sample (LCS)

(LCS) R3599080-1 11/30/20 17:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	4.56	91.2	57.0-150	
Iodomethane	25.0	27.3	109	74.0-134	
Isopropylbenzene	5.00	4.38	87.6	72.0-127	
p-Isopropyltoluene	5.00	4.60	92.0	72.0-133	
2-Butanone (MEK)	25.0	30.0	120	30.0-160	
Methylene Chloride	5.00	5.66	113	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	29.4	118	56.0-143	
Methyl tert-butyl ether	5.00	5.95	119	66.0-132	
Naphthalene	5.00	3.81	76.2	59.0-130	
n-Propylbenzene	5.00	5.57	111	74.0-126	
Styrene	5.00	4.28	85.6	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.54	90.8	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	6.27	125	68.0-128	
Tetrachloroethene	5.00	4.57	91.4	70.0-136	
Tetrahydrofuran	5.00	6.80	136	37.0-146	
Toluene	5.00	4.60	92.0	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	5.31	106	61.0-139	
1,2,3-Trichlorobenzene	5.00	4.30	86.0	59.0-139	
1,2,4-Trichlorobenzene	5.00	3.83	76.6	62.0-137	
1,1,1-Trichloroethane	5.00	5.03	101	69.0-126	
1,1,2-Trichloroethane	5.00	5.06	101	78.0-123	
Trichloroethene	5.00	4.25	85.0	76.0-126	
Trichlorofluoromethane	5.00	5.56	111	61.0-142	
1,2,3-Trichloropropane	5.00	5.78	116	67.0-129	
1,2,3-Trimethylbenzene	5.00	4.69	93.8	74.0-124	
1,2,4-Trimethylbenzene	5.00	4.68	93.6	70.0-126	
1,3,5-Trimethylbenzene	5.00	5.02	100	73.0-127	
Vinyl chloride	5.00	5.39	108	63.0-134	
Xylenes, Total	15.0	12.8	85.3	72.0-127	
Allyl chloride	25.0	28.0	112	70.0-131	
(S) Toluene-d8			*104*	*75.0-131*	
(S) 4-Bromofluorobenzene			*93.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*117*	*70.0-130*	

Method Blank (MB)

(MB) R3599237-3 12/01/20 04:18

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
cis-1,2-Dichloroethene	U		0.0276	0.100
Tetrachloroethene	U		0.0280	0.100
Trichloroethene	U		0.0160	0.0400
(S) Toluene-d8	*109*			*75.0-131*
(S) 4-Bromofluorobenzene	*107*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3599237-1 12/01/20 03:21 • (LCSD) R3599237-2 12/01/20 03:40

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	5.00	5.49	5.24	110	105	73.0-125			4.66	20
Tetrachloroethene	5.00	5.61	5.42	112	108	70.0-136			3.45	20
Trichloroethene	5.00	5.85	5.71	117	114	76.0-126			2.42	20
(S) Toluene-d8				*106*	*106*	*75.0-131*				
(S) 4-Bromofluorobenzene				*107*	*107*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*106*	*104*	*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C4	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Data is likely to show a low bias concerning the result.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

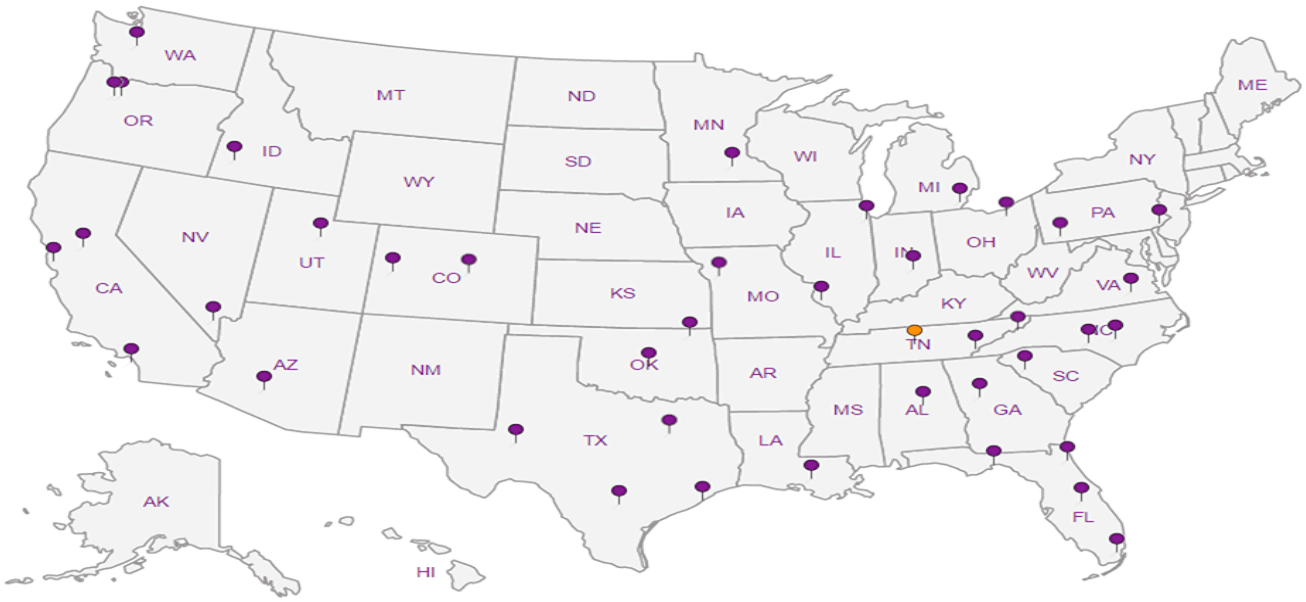
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1350
Seattle, WA 98161

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.02.501E

Lab Project # PESENVSWA-ALP

Collected by (print): HRC/SPK/BLH

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard TAT

~~AAW~~ Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*NO3,Cl,SO4 125mlHDPE-NoPres	ALK 125mlHDPE-NoPres	RSK175LL 40mlAmb-HCl	TOC 250mlHDPE-HCl	Total Fe Mn 6020 250mlHDPE-HNO3	V8260ULLC 40mlAmb HCl	SO4	GRO			Remarks	Sample # (lab only)
MW125-111720	Grab	GW	25	11/17/20	835	18			X	X	X	X	X					-01
MW-303-111720	|	GW	76.5	|	1015	3						X						-02
MW-302-111720	|	GW	59.3	|	1015	3						X						-03
BB-8-111720	|	GW	35	|	1205	8			X	X	X	X	X					-04
MW104-111720	|	GW	124	|	1215	8			X	X	X	X	X					-05
MW105-111720	|	GW	124	|	1230	8			X	X	X	X	X					-06
MW-342-111720	|	GW	65	|	1405	2						X						-07
MW112-111720	|	GW	80	|	1420	8			X	X	X	X	X					-08
MW-189-111720	|	GW	45	|	1435	8			X	X	X	X	X					-09
R-MW5-111820	|	GW	25.5	11/18/20	1005	11			X	X	X	X	X	X				-10

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # 128012

H061

Acctnum: PESENVSWA
Template: T170884
Prelogin: P788931
PM: 546 - Jared Starkey
PB:

Shipped Via: FedEX 2nd Day

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 9050 0887 6287

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
	11/18/20	1620			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.8+0=1.8 °C Bottles Received: 97	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/19/20 Time: 0900	Hold: / Condition: NCF / OK

PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1350
Seattle, WA 98161

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.02.501E

Lab Project # PESENVSWA-ALP

Collected by (print): HRC/BLH

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*NO3,Cl,SO4 125mlHDPE-NoPres	ALK 125mlHDPE-NoPres	RSK175LL 40mlAmb-HCl	TOC 250mlHDPE-HCl	Total Fe Mn 6020 250mlHDPE-HNO3	V8260ULLC 40mlAmb HCl	SO4	GRO			Remarks	Sample # (lab only)
MW-138-111820	Grab	GW	110	11/18/20	1035	8			X	X	X	X	X					-11
MW-190-111820	1	GW	83	1	1250	8			X	X	X	X	X	HC				-12
MW124-111820	1	GW	115	1	1325	3						X		HC				-13
TB-111820	-	GW	-	1	1500	2						X		X				-14
MW202-111820	Grab	GW	120		1455	8			X	X	X	X	X					-15
		GW																
		GW																
		GW																
		GW																
		GW																

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # 1288012

Table #

Acctnum: PESENVSWA

Template: T170884

Prelogin: P788931

PM: 546 - Jared Starkey

PB:

Shipped Via: FedEX 2nd Day

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
	11/18/20	1620			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.8 °C Bottles Received: 97	
				1.8-1.8	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 111920 Time: 0900	Hold: / Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

December 14, 2020

PES Environmental, Inc.- WA

Sample Delivery Group:	L1289162
Samples Received:	11/21/2020
Project Number:	1413.001.02.501E
Description:	American Linen
Site:	AMERICAN LINEN
Report To:	Brian O'Neal/Bill Haldeman
	1215 Fourth Ave., Suite 1350
	Seattle, WA 98161

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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FMW-131-111920 L1289162-01 GW

Collected by: Ben Hecht
Collected date/time: 11/19/20 11:10
Received date/time: 11/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	11/30/20 23:17	11/30/20 23:17	JHH	Mt. Juliet, TN

GEI-2-111920 L1289162-02 GW

Collected by: Ben Hecht
Collected date/time: 11/19/20 12:55
Received date/time: 11/21/20 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	11/30/20 23:36	11/30/20 23:36	JHH	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	2.73	C5	0.548	1.00	1	11/30/2020 23:17	WG1584116
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 23:17	WG1584116
Benzene	0.0850		0.0160	0.0400	1	11/30/2020 23:17	WG1584116
Bromobenzene	U		0.0420	0.500	1	11/30/2020 23:17	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 23:17	WG1584116
Bromoform	U		0.239	1.00	1	11/30/2020 23:17	WG1584116
Bromomethane	U		0.148	0.500	1	11/30/2020 23:17	WG1584116
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 23:17	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 23:17	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 23:17	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 23:17	WG1584116
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 23:17	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 23:17	WG1584116
Chloroethane	U		0.0432	0.200	1	11/30/2020 23:17	WG1584116
Chloroform	U		0.0166	0.100	1	11/30/2020 23:17	WG1584116
Chloromethane	U		0.0556	0.500	1	11/30/2020 23:17	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 23:17	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 23:17	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 23:17	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 23:17	WG1584116
Dibromomethane	U		0.0400	0.200	1	11/30/2020 23:17	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 23:17	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 23:17	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 23:17	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 23:17	WG1584116
1,1-Dichloroethane	0.0680	J	0.0230	0.100	1	11/30/2020 23:17	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 23:17	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 23:17	WG1584116
cis-1,2-Dichloroethene	7.91		0.0276	0.100	1	11/30/2020 23:17	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 23:17	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 23:17	WG1584116
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 23:17	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 23:17	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 23:17	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 23:17	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	11/30/2020 23:17	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 23:17	WG1584116
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 23:17	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 23:17	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 23:17	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 23:17	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	11/30/2020 23:17	WG1584116
Methylene Chloride	U		0.265	1.00	1	11/30/2020 23:17	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 23:17	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 23:17	WG1584116
Naphthalene	U	C3	0.124	0.500	1	11/30/2020 23:17	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 23:17	WG1584116
Styrene	U		0.109	0.500	1	11/30/2020 23:17	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 23:17	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 23:17	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 23:17	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 23:17	WG1584116
Toluene	0.0520	J	0.0500	0.200	1	11/30/2020 23:17	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 23:17	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 23:17	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 23:17	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 23:17	WG1584116
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 23:17	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 23:17	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 23:17	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 23:17	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 23:17	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 23:17	WG1584116
Vinyl chloride	0.109		0.0273	0.100	1	11/30/2020 23:17	WG1584116
Xylenes, Total	U		0.191	0.260	1	11/30/2020 23:17	WG1584116
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 23:17	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	11/30/2020 23:17	WG1584116
Iodomethane	U		0.242	0.500	1	11/30/2020 23:17	WG1584116
Allyl chloride	U		0.580	1.00	1	11/30/2020 23:17	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	11/30/2020 23:17	WG1584116
(S) Toluene-d8	*102*			*75.0-131*		*11/30/2020 23:17*	WG1584116
(S) 4-Bromofluorobenzene	*95.6*			*67.0-138*		*11/30/2020 23:17*	WG1584116
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*11/30/2020 23:17*	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 23:36	WG1584116
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 23:36	WG1584116
Benzene	2.97		0.0160	0.0400	1	11/30/2020 23:36	WG1584116
Bromobenzene	U		0.0420	0.500	1	11/30/2020 23:36	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 23:36	WG1584116
Bromoform	U		0.239	1.00	1	11/30/2020 23:36	WG1584116
Bromomethane	U		0.148	0.500	1	11/30/2020 23:36	WG1584116
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 23:36	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 23:36	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 23:36	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 23:36	WG1584116
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 23:36	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 23:36	WG1584116
Chloroethane	U		0.0432	0.200	1	11/30/2020 23:36	WG1584116
Chloroform	U		0.0166	0.100	1	11/30/2020 23:36	WG1584116
Chloromethane	U		0.0556	0.500	1	11/30/2020 23:36	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 23:36	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 23:36	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 23:36	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 23:36	WG1584116
Dibromomethane	U		0.0400	0.200	1	11/30/2020 23:36	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 23:36	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 23:36	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 23:36	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 23:36	WG1584116
1,1-Dichloroethane	0.0240	J	0.0230	0.100	1	11/30/2020 23:36	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 23:36	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 23:36	WG1584116
cis-1,2-Dichloroethene	0.997		0.0276	0.100	1	11/30/2020 23:36	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 23:36	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 23:36	WG1584116
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 23:36	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 23:36	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 23:36	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 23:36	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	11/30/2020 23:36	WG1584116
Di-isopropyl ether	0.0670	C5	0.0140	0.0400	1	11/30/2020 23:36	WG1584116
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 23:36	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 23:36	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 23:36	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 23:36	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	11/30/2020 23:36	WG1584116
Methylene Chloride	U		0.265	1.00	1	11/30/2020 23:36	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 23:36	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 23:36	WG1584116
Naphthalene	U	C3	0.124	0.500	1	11/30/2020 23:36	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 23:36	WG1584116
Styrene	U		0.109	0.500	1	11/30/2020 23:36	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 23:36	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 23:36	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 23:36	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 23:36	WG1584116
Toluene	U		0.0500	0.200	1	11/30/2020 23:36	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 23:36	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 23:36	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 23:36	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 23:36	WG1584116
Trichloroethene	U		0.0160	0.0400	1	11/30/2020 23:36	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 23:36	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 23:36	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 23:36	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 23:36	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 23:36	WG1584116
Vinyl chloride	42.7		0.0273	0.100	1	11/30/2020 23:36	WG1584116
Xylenes, Total	U		0.191	0.260	1	11/30/2020 23:36	WG1584116
Ethyl Ether	0.103		0.0170	0.100	1	11/30/2020 23:36	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	11/30/2020 23:36	WG1584116
Iodomethane	U		0.242	0.500	1	11/30/2020 23:36	WG1584116
Allyl chloride	U		0.580	1.00	1	11/30/2020 23:36	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	11/30/2020 23:36	WG1584116
(S) Toluene-d8	*102*			*75.0-131*		*11/30/2020 23:36*	WG1584116
(S) 4-Bromofluorobenzene	*96.3*			*67.0-138*		*11/30/2020 23:36*	WG1584116
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*11/30/2020 23:36*	WG1584116

Method Blank (MB)

(MB) R3599080-2 11/30/20 18:59

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3599080-2 11/30/20 18:59

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3599080-1 11/30/20 17:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	34.5	138	10.0-160	
Acrylonitrile	25.0	33.3	133	45.0-153	
Benzene	5.00	5.01	100	70.0-123	
Bromobenzene	5.00	5.14	103	73.0-121	
Bromodichloromethane	5.00	5.13	103	73.0-121	
Bromoform	5.00	4.66	93.2	64.0-132	
Bromomethane	5.00	5.04	101	56.0-147	
n-Butylbenzene	5.00	4.67	93.4	68.0-135	
sec-Butylbenzene	5.00	4.89	97.8	74.0-130	
tert-Butylbenzene	5.00	4.70	94.0	75.0-127	
Carbon tetrachloride	5.00	4.97	99.4	66.0-128	
Chlorobenzene	5.00	4.55	91.0	76.0-128	
Chlorodibromomethane	5.00	4.27	85.4	74.0-127	
Chloroethane	5.00	5.82	116	61.0-134	
Chloroform	5.00	5.35	107	72.0-123	
Chloromethane	5.00	6.23	125	51.0-138	
2-Chlorotoluene	5.00	5.32	106	75.0-124	
4-Chlorotoluene	5.00	5.38	108	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.41	88.2	59.0-130	
1,2-Dibromoethane	5.00	4.73	94.6	74.0-128	
Dibromomethane	5.00	5.23	105	75.0-122	
1,2-Dichlorobenzene	5.00	4.56	91.2	76.0-124	
1,3-Dichlorobenzene	5.00	4.50	90.0	76.0-125	
1,4-Dichlorobenzene	5.00	4.65	93.0	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.90	98.0	45.0-143	
Dichlorodifluoromethane	5.00	6.10	122	43.0-156	
1,1-Dichloroethane	5.00	5.88	118	70.0-127	
1,2-Dichloroethane	5.00	5.21	104	65.0-131	
1,1-Dichloroethene	5.00	6.14	123	65.0-131	
cis-1,2-Dichloroethene	5.00	5.75	115	73.0-125	
trans-1,2-Dichloroethene	5.00	5.19	104	71.0-125	
1,2-Dichloropropane	5.00	5.34	107	74.0-125	
1,1-Dichloropropene	5.00	4.98	99.6	73.0-125	
1,3-Dichloropropane	5.00	5.22	104	80.0-125	
cis-1,3-Dichloropropene	5.00	4.91	98.2	76.0-127	
trans-1,3-Dichloropropene	5.00	5.20	104	73.0-127	
2,2-Dichloropropane	5.00	5.79	116	59.0-135	
Di-isopropyl ether	5.00	6.34	127	60.0-136	
Ethylbenzene	5.00	4.65	93.0	74.0-126	
Ethyl ether	5.00	5.69	114	64.0-137	

Laboratory Control Sample (LCS)

(LCS) R3599080-1 11/30/20 17:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	4.56	91.2	57.0-150	
Iodomethane	25.0	27.3	109	74.0-134	
Isopropylbenzene	5.00	4.38	87.6	72.0-127	
p-Isopropyltoluene	5.00	4.60	92.0	72.0-133	
2-Butanone (MEK)	25.0	30.0	120	30.0-160	
Methylene Chloride	5.00	5.66	113	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	29.4	118	56.0-143	
Methyl tert-butyl ether	5.00	5.95	119	66.0-132	
Naphthalene	5.00	3.81	76.2	59.0-130	
n-Propylbenzene	5.00	5.57	111	74.0-126	
Styrene	5.00	4.28	85.6	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.54	90.8	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	6.27	125	68.0-128	
Tetrachloroethene	5.00	4.57	91.4	70.0-136	
Tetrahydrofuran	5.00	6.80	136	37.0-146	
Toluene	5.00	4.60	92.0	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	5.31	106	61.0-139	
1,2,3-Trichlorobenzene	5.00	4.30	86.0	59.0-139	
1,2,4-Trichlorobenzene	5.00	3.83	76.6	62.0-137	
1,1,1-Trichloroethane	5.00	5.03	101	69.0-126	
1,1,2-Trichloroethane	5.00	5.06	101	78.0-123	
Trichloroethene	5.00	4.25	85.0	76.0-126	
Trichlorofluoromethane	5.00	5.56	111	61.0-142	
1,2,3-Trichloropropane	5.00	5.78	116	67.0-129	
1,2,3-Trimethylbenzene	5.00	4.69	93.8	74.0-124	
1,2,4-Trimethylbenzene	5.00	4.68	93.6	70.0-126	
1,3,5-Trimethylbenzene	5.00	5.02	100	73.0-127	
Vinyl chloride	5.00	5.39	108	63.0-134	
Xylenes, Total	15.0	12.8	85.3	72.0-127	
Allyl chloride	25.0	28.0	112	70.0-131	
(S) Toluene-d8			*104*	*75.0-131*	
(S) 4-Bromofluorobenzene			*93.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*117*	*70.0-130*	

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C4	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Data is likely to show a low bias concerning the result.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

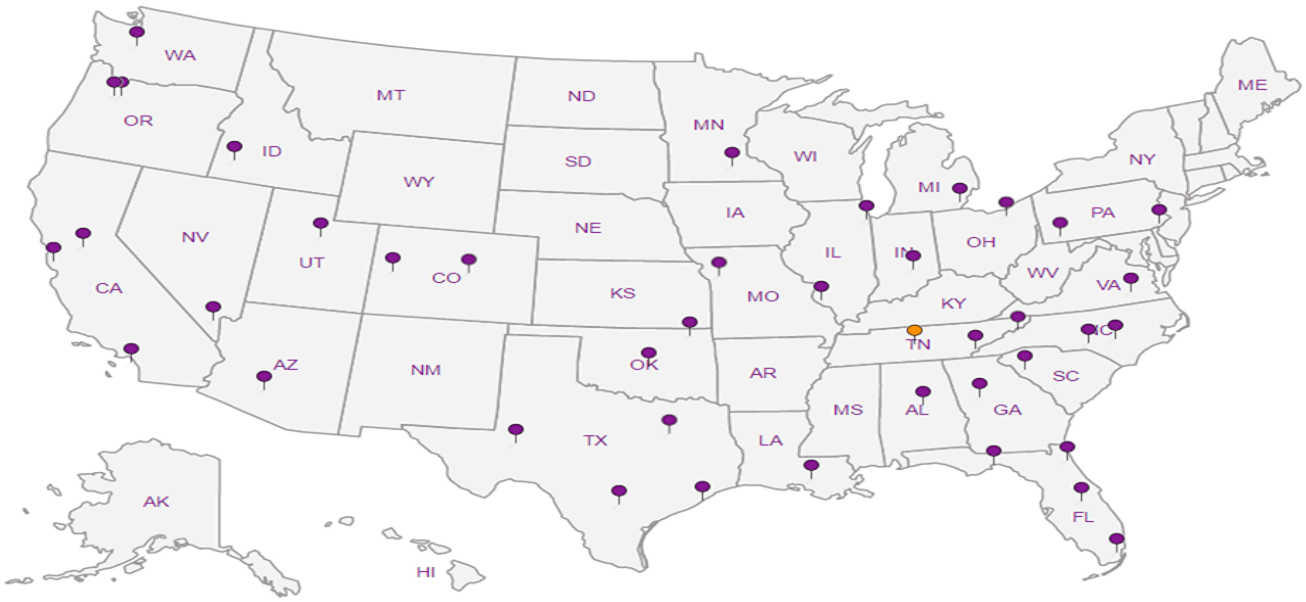
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1350
Seattle, WA 98161

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.02.501E

Lab Project # PESENVSWA-ALP

Collected by (print): Ben Hecht

Site/Facility ID # American Linen

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed: Standard turn

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	*NO3,Cl,SO4 125mlHDPE-NoPres	ALK 125mlHDPE-NoPres	RSK175LL 40mlAmb-HCl	TOC 250mlHDPE-HCl	Total Fe Mn 6020 250mlHDPE-HNO3	V8260ULLC 40mlAmb HCl	Remarks	Sample # (lab only)
FMW-131-111920	Grab	GW	67.5	11-19-20	11:10	3						X		-01
GEI-2-111920	↓	GW	55.5	↓	12:55	3						X		02
		GW												
		GW												
		GW												
		GW												
		GW												
		GW												
		GW												
		GW												

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1289162

1183

Acctnum: PESENVSWA
Template: T170884
Prelogin: P788931
PM: 546 - Jared Starkey
PB:
Shipped Via: FedEX 2nd Day

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 9050 0887 7581

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeOH TBR	Hold:	Condition: NCF / OK
	11-20-2020	13:20				
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.3 °C Bottles Received: 6	If preservation required by Login: Date/Time	
				11-21-20		
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11/21	Time: 9:00	

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

December 08, 2020

PES Environmental, Inc.- WA

Sample Delivery Group:	L1290496
Samples Received:	11/27/2020
Project Number:	1413.001.02.501E
Description:	American Linen
Site:	AMERICAN LINEN
Report To:	Brian O'Neal/Bill Haldeman
	1215 Fourth Ave., Suite 1350
	Seattle, WA 98161

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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MW-158A-112320 L1290496-01 GW

Collected by: BH/SPK/CD | Collected date/time: 11/23/20 10:50 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587717	1	12/08/20 06:42	12/08/20 06:42	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	1	12/03/20 18:58	12/03/20 18:58	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 19:54	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 16:43	12/01/20 16:43	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	11/30/20 23:55	11/30/20 23:55	JHH	Mt. Juliet, TN

MW-157-112320 L1290496-02 GW

Collected by: BH/SPK/CD | Collected date/time: 11/23/20 13:20 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587717	1	12/08/20 06:57	12/08/20 06:57	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	100	12/03/20 22:23	12/03/20 22:23	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 18:04	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 16:53	12/01/20 16:53	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	20	12/01/20 02:47	12/01/20 02:47	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584809	100	12/02/20 08:53	12/02/20 08:53	JHH	Mt. Juliet, TN

MW-145R-112320 L1290496-03 GW

Collected by: BH/SPK/CD | Collected date/time: 11/23/20 11:35 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587717	1	12/08/20 07:13	12/08/20 07:13	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	1	12/03/20 23:09	12/03/20 23:09	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 18:07	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 17:00	12/01/20 17:00	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	12/01/20 00:14	12/01/20 00:14	JHH	Mt. Juliet, TN

MW-144R-112320 L1290496-04 GW

Collected by: BH/SPK/CD | Collected date/time: 11/23/20 13:03 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587717	1	12/08/20 07:29	12/08/20 07:29	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	1	12/04/20 00:12	12/04/20 00:12	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 18:10	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 17:05	12/01/20 17:05	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1585118	10	12/02/20 15:07	12/02/20 15:07	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	12/01/20 00:33	12/01/20 00:33	JHH	Mt. Juliet, TN

MW-343-112420 L1290496-05 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 04:55 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	12/01/20 00:52	12/01/20 00:52	JHH	Mt. Juliet, TN

SCL-MW101-112420 L1290496-06 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 06:00 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	12/01/20 01:11	12/01/20 01:11	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584809	5	12/02/20 09:12	12/02/20 09:12	JHH	Mt. Juliet, TN

FMW-137-112420 L1290496-07 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 06:10 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	12/01/20 01:30	12/01/20 01:30	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584809	1	12/02/20 07:36	12/02/20 07:36	JHH	Mt. Juliet, TN

MW-323-112420 L1290496-08 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 08:20 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	12/01/20 01:49	12/01/20 01:49	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584809	1	12/02/20 07:55	12/02/20 07:55	JHH	Mt. Juliet, TN

MW-943-112420 L1290496-09 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 08:30 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587717	1	12/08/20 07:45	12/08/20 07:45	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	1	12/04/20 00:38	12/04/20 00:38	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 18:13	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 17:11	12/01/20 17:11	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	12/01/20 02:08	12/01/20 02:08	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584809	5	12/02/20 09:31	12/02/20 09:31	JHH	Mt. Juliet, TN

W-MW-01-112420 L1290496-10 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 09:40 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587717	1	12/08/20 08:01	12/08/20 08:01	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	1	12/04/20 01:05	12/04/20 01:05	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 18:17	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 17:15	12/01/20 17:15	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584116	1	12/01/20 02:28	12/01/20 02:28	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1584809	1	12/02/20 08:14	12/02/20 08:14	JHH	Mt. Juliet, TN

MW-143-112420 L1290496-11 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 09:50 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	1	12/08/20 01:22	12/08/20 01:22	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	1	12/04/20 01:31	12/04/20 01:31	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 18:20	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 17:19	12/01/20 17:19	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1585118	10	12/02/20 15:13	12/02/20 15:13	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 13:14	12/08/20 13:14	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588483	5	12/08/20 17:18	12/08/20 17:18	BMB	Mt. Juliet, TN

MW-322-112420 L1290496-12 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 10:15 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	10	12/08/20 14:11	12/08/20 14:11	BMB	Mt. Juliet, TN

MW-142-112420 L1290496-13 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 11:20 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	1	12/08/20 01:34	12/08/20 01:34	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	1	12/04/20 01:58	12/04/20 01:58	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 18:23	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 17:23	12/01/20 17:23	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 13:33	12/08/20 13:33	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588483	5	12/08/20 17:37	12/08/20 17:37	BMB	Mt. Juliet, TN

MW113-112420 L1290496-14 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 11:56 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	5	12/08/20 07:32	12/08/20 07:32	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	1	12/04/20 04:43	12/04/20 04:43	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 19:32	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 17:26	12/01/20 17:26	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	100	12/08/20 14:29	12/08/20 14:29	BMB	Mt. Juliet, TN

EQ-112420 L1290496-15 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 12:15 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	1	12/08/20 02:00	12/08/20 02:00	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	1	12/04/20 05:15	12/04/20 05:15	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 19:36	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 17:35	12/01/20 17:35	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 12:35	12/08/20 12:35	BMB	Mt. Juliet, TN

MW-9-112420 L1290496-16 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 13:45 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	1	12/08/20 02:25	12/08/20 02:25	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585506	1	12/04/20 05:42	12/04/20 05:42	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585686	1	12/03/20 00:54	12/03/20 19:39	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1587412	1	12/07/20 08:07	12/07/20 08:07	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584466	1	12/01/20 17:37	12/01/20 17:37	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 13:52	12/08/20 13:52	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588483	1	12/08/20 16:59	12/08/20 16:59	BMB	Mt. Juliet, TN

TB-112420 L1290496-17 GW

Collected by: BH/SPK/CD | Collected date/time: 11/24/20 14:30 | Received date/time: 11/27/20 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1587412	1	12/07/20 04:03	12/07/20 04:03	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 11:57	12/08/20 11:57	BMB	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	12700		594	5000	1	12/08/2020 06:42	WG1587717

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	5490		102	1000	1	12/03/2020 18:58	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	9600		28.1	100	1	12/03/2020 19:54	WG1585686
Manganese	412		0.704	5.00	1	12/03/2020 19:54	WG1585686

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1110		0.287	0.678	1	12/01/2020 16:43	WG1584466
Ethane	U		0.296	1.29	1	12/01/2020 16:43	WG1584466
Ethene	U		0.422	1.27	1	12/01/2020 16:43	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	11/30/2020 23:55	WG1584116
Acrylonitrile	U		0.0760	0.500	1	11/30/2020 23:55	WG1584116
Benzene	0.0240	J	0.0160	0.0400	1	11/30/2020 23:55	WG1584116
Bromobenzene	U		0.0420	0.500	1	11/30/2020 23:55	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	11/30/2020 23:55	WG1584116
Bromoform	U		0.239	1.00	1	11/30/2020 23:55	WG1584116
Bromomethane	U		0.148	0.500	1	11/30/2020 23:55	WG1584116
n-Butylbenzene	U		0.153	0.500	1	11/30/2020 23:55	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	11/30/2020 23:55	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	11/30/2020 23:55	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	11/30/2020 23:55	WG1584116
Chlorobenzene	U		0.0229	0.100	1	11/30/2020 23:55	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	11/30/2020 23:55	WG1584116
Chloroethane	U		0.0432	0.200	1	11/30/2020 23:55	WG1584116
Chloroform	U		0.0166	0.100	1	11/30/2020 23:55	WG1584116
Chloromethane	U		0.0556	0.500	1	11/30/2020 23:55	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	11/30/2020 23:55	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	11/30/2020 23:55	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	11/30/2020 23:55	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	11/30/2020 23:55	WG1584116
Dibromomethane	U		0.0400	0.200	1	11/30/2020 23:55	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	11/30/2020 23:55	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	11/30/2020 23:55	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	11/30/2020 23:55	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	11/30/2020 23:55	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	11/30/2020 23:55	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	11/30/2020 23:55	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	11/30/2020 23:55	WG1584116
cis-1,2-Dichloroethene	0.127		0.0276	0.100	1	11/30/2020 23:55	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	11/30/2020 23:55	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	11/30/2020 23:55	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	11/30/2020 23:55	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	11/30/2020 23:55	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	11/30/2020 23:55	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	11/30/2020 23:55	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	11/30/2020 23:55	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	11/30/2020 23:55	WG1584116
Ethylbenzene	U		0.0212	0.100	1	11/30/2020 23:55	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	11/30/2020 23:55	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	11/30/2020 23:55	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	11/30/2020 23:55	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	11/30/2020 23:55	WG1584116
Methylene Chloride	U		0.265	1.00	1	11/30/2020 23:55	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	11/30/2020 23:55	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	11/30/2020 23:55	WG1584116
Naphthalene	U	C3	0.124	0.500	1	11/30/2020 23:55	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	11/30/2020 23:55	WG1584116
Styrene	U		0.109	0.500	1	11/30/2020 23:55	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	11/30/2020 23:55	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	11/30/2020 23:55	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	11/30/2020 23:55	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	11/30/2020 23:55	WG1584116
Toluene	0.104	J	0.0500	0.200	1	11/30/2020 23:55	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	11/30/2020 23:55	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	11/30/2020 23:55	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	11/30/2020 23:55	WG1584116
1,1,2-Trichloroethane	U		0.0353	0.100	1	11/30/2020 23:55	WG1584116
Trichloroethene	0.0840		0.0160	0.0400	1	11/30/2020 23:55	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	11/30/2020 23:55	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	11/30/2020 23:55	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	11/30/2020 23:55	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	11/30/2020 23:55	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	11/30/2020 23:55	WG1584116
Vinyl chloride	0.447		0.0273	0.100	1	11/30/2020 23:55	WG1584116
Xylenes, Total	U		0.191	0.260	1	11/30/2020 23:55	WG1584116
Ethyl Ether	U		0.0170	0.100	1	11/30/2020 23:55	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	11/30/2020 23:55	WG1584116
Iodomethane	U		0.242	0.500	1	11/30/2020 23:55	WG1584116
Allyl chloride	U		0.580	1.00	1	11/30/2020 23:55	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	11/30/2020 23:55	WG1584116
(S) Toluene-d8	*103*			*75.0-131*		*11/30/2020 23:55*	WG1584116
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*11/30/2020 23:55*	WG1584116
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*11/30/2020 23:55*	WG1584116

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	20000		594	5000	1	12/08/2020 06:57	WG1587717

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3580000		10200	100000	100	12/03/2020 22:23	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	14200		28.1	100	1	12/03/2020 18:04	WG1585686
Manganese	1890		0.704	5.00	1	12/03/2020 18:04	WG1585686

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	2730		0.287	0.678	1	12/01/2020 16:53	WG1584466
Ethane	37.0		0.296	1.29	1	12/01/2020 16:53	WG1584466
Ethene	46.8		0.422	1.27	1	12/01/2020 16:53	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.0	20.0	20	12/01/2020 02:47	WG1584116
Acrylonitrile	U		1.52	10.0	20	12/01/2020 02:47	WG1584116
Benzene	0.740	J	0.320	0.800	20	12/01/2020 02:47	WG1584116
Bromobenzene	U		0.840	10.0	20	12/01/2020 02:47	WG1584116
Bromodichloromethane	U		0.630	2.00	20	12/01/2020 02:47	WG1584116
Bromoform	U		4.78	20.0	20	12/01/2020 02:47	WG1584116
Bromomethane	U		2.96	10.0	20	12/01/2020 02:47	WG1584116
n-Butylbenzene	U		3.06	10.0	20	12/01/2020 02:47	WG1584116
sec-Butylbenzene	U		2.02	10.0	20	12/01/2020 02:47	WG1584116
tert-Butylbenzene	U		1.24	4.00	20	12/01/2020 02:47	WG1584116
Carbon tetrachloride	U		0.864	4.00	20	12/01/2020 02:47	WG1584116
Chlorobenzene	U		0.458	2.00	20	12/01/2020 02:47	WG1584116
Chlorodibromomethane	U		0.360	2.00	20	12/01/2020 02:47	WG1584116
Chloroethane	U		0.864	4.00	20	12/01/2020 02:47	WG1584116
Chloroform	U		0.332	2.00	20	12/01/2020 02:47	WG1584116
Chloromethane	U		1.11	10.0	20	12/01/2020 02:47	WG1584116
2-Chlorotoluene	U		0.736	2.00	20	12/01/2020 02:47	WG1584116
4-Chlorotoluene	U		0.904	4.00	20	12/01/2020 02:47	WG1584116
1,2-Dibromo-3-Chloropropane	U		4.08	20.0	20	12/01/2020 02:47	WG1584116
1,2-Dibromoethane	U		0.420	2.00	20	12/01/2020 02:47	WG1584116
Dibromomethane	U		0.800	4.00	20	12/01/2020 02:47	WG1584116
1,2-Dichlorobenzene	U		1.16	4.00	20	12/01/2020 02:47	WG1584116
1,3-Dichlorobenzene	U		1.36	4.00	20	12/01/2020 02:47	WG1584116
1,4-Dichlorobenzene	U		1.58	4.00	20	12/01/2020 02:47	WG1584116
Dichlorodifluoromethane	U		0.654	2.00	20	12/01/2020 02:47	WG1584116
1,1-Dichloroethane	U		0.460	2.00	20	12/01/2020 02:47	WG1584116
1,2-Dichloroethane	U		0.380	2.00	20	12/01/2020 02:47	WG1584116
1,1-Dichloroethene	15.6	C5	0.400	2.00	20	12/01/2020 02:47	WG1584116
cis-1,2-Dichloroethene	2770		2.76	10.0	100	12/02/2020 08:53	WG1584809
trans-1,2-Dichloroethene	9.98		1.14	4.00	20	12/01/2020 02:47	WG1584116
1,2-Dichloropropane	U		1.02	4.00	20	12/01/2020 02:47	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.560	2.00	20	12/01/2020 02:47	WG1584116
1,3-Dichloropropane	U		1.40	4.00	20	12/01/2020 02:47	WG1584116
cis-1,3-Dichloropropene	U		0.542	2.00	20	12/01/2020 02:47	WG1584116
trans-1,3-Dichloropropene	U		1.22	4.00	20	12/01/2020 02:47	WG1584116
2,2-Dichloropropane	U		0.634	2.00	20	12/01/2020 02:47	WG1584116
Di-isopropyl ether	U		0.280	0.800	20	12/01/2020 02:47	WG1584116
Ethylbenzene	U		0.424	2.00	20	12/01/2020 02:47	WG1584116
Hexachloro-1,3-butadiene	U		10.2	20.0	20	12/01/2020 02:47	WG1584116
Isopropylbenzene	U		0.690	2.00	20	12/01/2020 02:47	WG1584116
p-Isopropyltoluene	U		1.86	4.00	20	12/01/2020 02:47	WG1584116
2-Butanone (MEK)	456		10.0	20.0	20	12/01/2020 02:47	WG1584116
Methylene Chloride	U		5.30	20.0	20	12/01/2020 02:47	WG1584116
4-Methyl-2-pentanone (MIBK)	U		8.00	20.0	20	12/01/2020 02:47	WG1584116
Methyl tert-butyl ether	U		0.236	0.800	20	12/01/2020 02:47	WG1584116
Naphthalene	U	C3	2.48	10.0	20	12/01/2020 02:47	WG1584116
n-Propylbenzene	U		0.944	4.00	20	12/01/2020 02:47	WG1584116
Styrene	U		2.18	10.0	20	12/01/2020 02:47	WG1584116
1,1,1,2-Tetrachloroethane	U		0.400	2.00	20	12/01/2020 02:47	WG1584116
1,1,2,2-Tetrachloroethane	U		0.312	2.00	20	12/01/2020 02:47	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.540	2.00	20	12/01/2020 02:47	WG1584116
Tetrachloroethene	3.04		0.560	2.00	20	12/01/2020 02:47	WG1584116
Toluene	U		1.00	4.00	20	12/01/2020 02:47	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.500	10.0	20	12/01/2020 02:47	WG1584116
1,2,4-Trichlorobenzene	U		3.86	10.0	20	12/01/2020 02:47	WG1584116
1,1,1-Trichloroethane	U		0.220	2.00	20	12/01/2020 02:47	WG1584116
1,1,2-Trichloroethane	U		0.706	2.00	20	12/01/2020 02:47	WG1584116
Trichloroethene	24.7		0.320	0.800	20	12/01/2020 02:47	WG1584116
Trichlorofluoromethane	U		0.400	2.00	20	12/01/2020 02:47	WG1584116
1,2,3-Trichloropropane	U		4.08	10.0	20	12/01/2020 02:47	WG1584116
1,2,4-Trimethylbenzene	U		0.928	4.00	20	12/01/2020 02:47	WG1584116
1,2,3-Trimethylbenzene	U		0.920	4.00	20	12/01/2020 02:47	WG1584116
1,3,5-Trimethylbenzene	U		0.864	4.00	20	12/01/2020 02:47	WG1584116
Vinyl chloride	528		0.546	2.00	20	12/01/2020 02:47	WG1584116
Xylenes, Total	U		3.82	5.20	20	12/01/2020 02:47	WG1584116
Ethyl Ether	U		0.340	2.00	20	12/01/2020 02:47	WG1584116
Tetrahydrofuran	U		1.80	10.0	20	12/01/2020 02:47	WG1584116
Iodomethane	U		4.84	10.0	20	12/01/2020 02:47	WG1584116
Allyl chloride	U		11.6	20.0	20	12/01/2020 02:47	WG1584116
Trans-1,4-Dichloro-2-butene	U		1.12	4.00	20	12/01/2020 02:47	WG1584116
(S) Toluene-d8	*103*			*75.0-131*		*12/01/2020 02:47*	WG1584116
(S) Toluene-d8	*109*			*75.0-131*		*12/02/2020 08:53*	WG1584809
(S) 4-Bromofluorobenzene	*93.8*			*67.0-138*		*12/01/2020 02:47*	WG1584116
(S) 4-Bromofluorobenzene	*111*			*67.0-138*		*12/02/2020 08:53*	WG1584809
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*12/01/2020 02:47*	WG1584116
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*12/02/2020 08:53*	WG1584809

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	26900		594	5000	1	12/08/2020 07:13	WG1587717

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2890	P1	102	1000	1	12/03/2020 23:09	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4610		28.1	100	1	12/03/2020 18:07	WG1585686
Manganese	361		0.704	5.00	1	12/03/2020 18:07	WG1585686

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1610		0.287	0.678	1	12/01/2020 17:00	WG1584466
Ethane	U		0.296	1.29	1	12/01/2020 17:00	WG1584466
Ethene	U		0.422	1.27	1	12/01/2020 17:00	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	12/01/2020 00:14	WG1584116
Acrylonitrile	U		0.0760	0.500	1	12/01/2020 00:14	WG1584116
Benzene	U		0.0160	0.0400	1	12/01/2020 00:14	WG1584116
Bromobenzene	U		0.0420	0.500	1	12/01/2020 00:14	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	12/01/2020 00:14	WG1584116
Bromoform	U		0.239	1.00	1	12/01/2020 00:14	WG1584116
Bromomethane	U		0.148	0.500	1	12/01/2020 00:14	WG1584116
n-Butylbenzene	U		0.153	0.500	1	12/01/2020 00:14	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	12/01/2020 00:14	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	12/01/2020 00:14	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	12/01/2020 00:14	WG1584116
Chlorobenzene	U		0.0229	0.100	1	12/01/2020 00:14	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	12/01/2020 00:14	WG1584116
Chloroethane	U		0.0432	0.200	1	12/01/2020 00:14	WG1584116
Chloroform	U		0.0166	0.100	1	12/01/2020 00:14	WG1584116
Chloromethane	U		0.0556	0.500	1	12/01/2020 00:14	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	12/01/2020 00:14	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	12/01/2020 00:14	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/01/2020 00:14	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	12/01/2020 00:14	WG1584116
Dibromomethane	U		0.0400	0.200	1	12/01/2020 00:14	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/01/2020 00:14	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/01/2020 00:14	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/01/2020 00:14	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	12/01/2020 00:14	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	12/01/2020 00:14	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	12/01/2020 00:14	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	12/01/2020 00:14	WG1584116
cis-1,2-Dichloroethene	0.151		0.0276	0.100	1	12/01/2020 00:14	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/01/2020 00:14	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	12/01/2020 00:14	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/01/2020 00:14	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	12/01/2020 00:14	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/01/2020 00:14	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/01/2020 00:14	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	12/01/2020 00:14	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	12/01/2020 00:14	WG1584116
Ethylbenzene	U		0.0212	0.100	1	12/01/2020 00:14	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/01/2020 00:14	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	12/01/2020 00:14	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	12/01/2020 00:14	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	12/01/2020 00:14	WG1584116
Methylene Chloride	U		0.265	1.00	1	12/01/2020 00:14	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/01/2020 00:14	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/01/2020 00:14	WG1584116
Naphthalene	U	C3	0.124	0.500	1	12/01/2020 00:14	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	12/01/2020 00:14	WG1584116
Styrene	U		0.109	0.500	1	12/01/2020 00:14	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/01/2020 00:14	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/01/2020 00:14	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/01/2020 00:14	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	12/01/2020 00:14	WG1584116
Toluene	0.0570	J	0.0500	0.200	1	12/01/2020 00:14	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	12/01/2020 00:14	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/01/2020 00:14	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/01/2020 00:14	WG1584116
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/01/2020 00:14	WG1584116
Trichloroethene	U		0.0160	0.0400	1	12/01/2020 00:14	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	12/01/2020 00:14	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	12/01/2020 00:14	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/01/2020 00:14	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/01/2020 00:14	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/01/2020 00:14	WG1584116
Vinyl chloride	U		0.0273	0.100	1	12/01/2020 00:14	WG1584116
Xylenes, Total	U		0.191	0.260	1	12/01/2020 00:14	WG1584116
Ethyl Ether	U		0.0170	0.100	1	12/01/2020 00:14	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	12/01/2020 00:14	WG1584116
Iodomethane	U		0.242	0.500	1	12/01/2020 00:14	WG1584116
Allyl chloride	U		0.580	1.00	1	12/01/2020 00:14	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/01/2020 00:14	WG1584116
(S) Toluene-d8	*102*			*75.0-131*		*12/01/2020 00:14*	WG1584116
(S) 4-Bromofluorobenzene	*95.7*			*67.0-138*		*12/01/2020 00:14*	WG1584116
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*12/01/2020 00:14*	WG1584116

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	U		594	5000	1	12/08/2020 07:29	WG1587717

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3820		102	1000	1	12/04/2020 00:12	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5740		28.1	100	1	12/03/2020 18:10	WG1585686
Manganese	1070		0.704	5.00	1	12/03/2020 18:10	WG1585686

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	20400		2.87	6.78	10	12/02/2020 15:07	WG1585118
Ethane	414		0.296	1.29	1	12/01/2020 17:05	WG1584466
Ethene	33.8		0.422	1.27	1	12/01/2020 17:05	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	27.4	C5	0.548	1.00	1	12/01/2020 00:33	WG1584116
Acrylonitrile	U		0.0760	0.500	1	12/01/2020 00:33	WG1584116
Benzene	0.0440		0.0160	0.0400	1	12/01/2020 00:33	WG1584116
Bromobenzene	U		0.0420	0.500	1	12/01/2020 00:33	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	12/01/2020 00:33	WG1584116
Bromoform	U		0.239	1.00	1	12/01/2020 00:33	WG1584116
Bromomethane	U		0.148	0.500	1	12/01/2020 00:33	WG1584116
n-Butylbenzene	U		0.153	0.500	1	12/01/2020 00:33	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	12/01/2020 00:33	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	12/01/2020 00:33	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	12/01/2020 00:33	WG1584116
Chlorobenzene	U		0.0229	0.100	1	12/01/2020 00:33	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	12/01/2020 00:33	WG1584116
Chloroethane	U		0.0432	0.200	1	12/01/2020 00:33	WG1584116
Chloroform	U		0.0166	0.100	1	12/01/2020 00:33	WG1584116
Chloromethane	U		0.0556	0.500	1	12/01/2020 00:33	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	12/01/2020 00:33	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	12/01/2020 00:33	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/01/2020 00:33	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	12/01/2020 00:33	WG1584116
Dibromomethane	U		0.0400	0.200	1	12/01/2020 00:33	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/01/2020 00:33	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/01/2020 00:33	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/01/2020 00:33	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	12/01/2020 00:33	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	12/01/2020 00:33	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	12/01/2020 00:33	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	12/01/2020 00:33	WG1584116
cis-1,2-Dichloroethene	0.500		0.0276	0.100	1	12/01/2020 00:33	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/01/2020 00:33	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	12/01/2020 00:33	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/01/2020 00:33	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	12/01/2020 00:33	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/01/2020 00:33	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/01/2020 00:33	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	12/01/2020 00:33	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	12/01/2020 00:33	WG1584116
Ethylbenzene	U		0.0212	0.100	1	12/01/2020 00:33	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/01/2020 00:33	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	12/01/2020 00:33	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	12/01/2020 00:33	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	12/01/2020 00:33	WG1584116
Methylene Chloride	U		0.265	1.00	1	12/01/2020 00:33	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/01/2020 00:33	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/01/2020 00:33	WG1584116
Naphthalene	U	C3	0.124	0.500	1	12/01/2020 00:33	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	12/01/2020 00:33	WG1584116
Styrene	U		0.109	0.500	1	12/01/2020 00:33	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/01/2020 00:33	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/01/2020 00:33	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/01/2020 00:33	WG1584116
Tetrachloroethene	0.0420	J	0.0280	0.100	1	12/01/2020 00:33	WG1584116
Toluene	0.101	J	0.0500	0.200	1	12/01/2020 00:33	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	12/01/2020 00:33	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/01/2020 00:33	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/01/2020 00:33	WG1584116
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/01/2020 00:33	WG1584116
Trichloroethene	0.0840		0.0160	0.0400	1	12/01/2020 00:33	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	12/01/2020 00:33	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	12/01/2020 00:33	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/01/2020 00:33	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/01/2020 00:33	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/01/2020 00:33	WG1584116
Vinyl chloride	0.411		0.0273	0.100	1	12/01/2020 00:33	WG1584116
Xylenes, Total	U		0.191	0.260	1	12/01/2020 00:33	WG1584116
Ethyl Ether	0.0360	J	0.0170	0.100	1	12/01/2020 00:33	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	12/01/2020 00:33	WG1584116
Iodomethane	U		0.242	0.500	1	12/01/2020 00:33	WG1584116
Allyl chloride	U		0.580	1.00	1	12/01/2020 00:33	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/01/2020 00:33	WG1584116
(S) Toluene-d8	*105*			*75.0-131*		*12/01/2020 00:33*	WG1584116
(S) 4-Bromofluorobenzene	*90.4*			*67.0-138*		*12/01/2020 00:33*	WG1584116
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*12/01/2020 00:33*	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	12/01/2020 00:52	WG1584116
Acrylonitrile	U		0.0760	0.500	1	12/01/2020 00:52	WG1584116
Benzene	U		0.0160	0.0400	1	12/01/2020 00:52	WG1584116
Bromobenzene	U		0.0420	0.500	1	12/01/2020 00:52	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	12/01/2020 00:52	WG1584116
Bromoform	U		0.239	1.00	1	12/01/2020 00:52	WG1584116
Bromomethane	U		0.148	0.500	1	12/01/2020 00:52	WG1584116
n-Butylbenzene	U		0.153	0.500	1	12/01/2020 00:52	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	12/01/2020 00:52	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	12/01/2020 00:52	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	12/01/2020 00:52	WG1584116
Chlorobenzene	U		0.0229	0.100	1	12/01/2020 00:52	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	12/01/2020 00:52	WG1584116
Chloroethane	U		0.0432	0.200	1	12/01/2020 00:52	WG1584116
Chloroform	U		0.0166	0.100	1	12/01/2020 00:52	WG1584116
Chloromethane	U		0.0556	0.500	1	12/01/2020 00:52	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	12/01/2020 00:52	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	12/01/2020 00:52	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/01/2020 00:52	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	12/01/2020 00:52	WG1584116
Dibromomethane	U		0.0400	0.200	1	12/01/2020 00:52	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/01/2020 00:52	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/01/2020 00:52	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/01/2020 00:52	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	12/01/2020 00:52	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	12/01/2020 00:52	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	12/01/2020 00:52	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	12/01/2020 00:52	WG1584116
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/01/2020 00:52	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/01/2020 00:52	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	12/01/2020 00:52	WG1584116
1,1-Dichloropropene	U		0.0280	0.100	1	12/01/2020 00:52	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	12/01/2020 00:52	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/01/2020 00:52	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/01/2020 00:52	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	12/01/2020 00:52	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	12/01/2020 00:52	WG1584116
Ethylbenzene	U		0.0212	0.100	1	12/01/2020 00:52	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/01/2020 00:52	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	12/01/2020 00:52	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	12/01/2020 00:52	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	12/01/2020 00:52	WG1584116
Methylene Chloride	U		0.265	1.00	1	12/01/2020 00:52	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/01/2020 00:52	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/01/2020 00:52	WG1584116
Naphthalene	U	C3	0.124	0.500	1	12/01/2020 00:52	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	12/01/2020 00:52	WG1584116
Styrene	U		0.109	0.500	1	12/01/2020 00:52	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/01/2020 00:52	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/01/2020 00:52	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/01/2020 00:52	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	12/01/2020 00:52	WG1584116
Toluene	U		0.0500	0.200	1	12/01/2020 00:52	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	12/01/2020 00:52	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/01/2020 00:52	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/01/2020 00:52	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/01/2020 00:52	WG1584116
Trichloroethene	U		0.0160	0.0400	1	12/01/2020 00:52	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	12/01/2020 00:52	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	12/01/2020 00:52	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/01/2020 00:52	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/01/2020 00:52	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/01/2020 00:52	WG1584116
Vinyl chloride	U		0.0273	0.100	1	12/01/2020 00:52	WG1584116
Xylenes, Total	U		0.191	0.260	1	12/01/2020 00:52	WG1584116
Ethyl Ether	U		0.0170	0.100	1	12/01/2020 00:52	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	12/01/2020 00:52	WG1584116
Iodomethane	U		0.242	0.500	1	12/01/2020 00:52	WG1584116
Allyl chloride	U		0.580	1.00	1	12/01/2020 00:52	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/01/2020 00:52	WG1584116
(S) Toluene-d8	*102*			*75.0-131*		*12/01/2020 00:52*	WG1584116
(S) 4-Bromofluorobenzene	*95.3*			*67.0-138*		*12/01/2020 00:52*	WG1584116
(S) 1,2-Dichloroethane-d4	*116*			*70.0-130*		*12/01/2020 00:52*	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	12/01/2020 01:11	WG1584116
Acrylonitrile	U		0.0760	0.500	1	12/01/2020 01:11	WG1584116
Benzene	14.6		0.0160	0.0400	1	12/01/2020 01:11	WG1584116
Bromobenzene	U		0.0420	0.500	1	12/01/2020 01:11	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	12/01/2020 01:11	WG1584116
Bromoform	U		0.239	1.00	1	12/01/2020 01:11	WG1584116
Bromomethane	U		0.148	0.500	1	12/01/2020 01:11	WG1584116
n-Butylbenzene	10.1		0.153	0.500	1	12/01/2020 01:11	WG1584116
sec-Butylbenzene	13.6		0.101	0.500	1	12/01/2020 01:11	WG1584116
tert-Butylbenzene	0.290		0.0620	0.200	1	12/01/2020 01:11	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	12/01/2020 01:11	WG1584116
Chlorobenzene	U		0.0229	0.100	1	12/01/2020 01:11	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	12/01/2020 01:11	WG1584116
Chloroethane	U		0.0432	0.200	1	12/01/2020 01:11	WG1584116
Chloroform	U		0.0166	0.100	1	12/01/2020 01:11	WG1584116
Chloromethane	U		0.0556	0.500	1	12/01/2020 01:11	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	12/01/2020 01:11	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	12/01/2020 01:11	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/01/2020 01:11	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	12/01/2020 01:11	WG1584116
Dibromomethane	U		0.0400	0.200	1	12/01/2020 01:11	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/01/2020 01:11	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/01/2020 01:11	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/01/2020 01:11	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	12/01/2020 01:11	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	12/01/2020 01:11	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	12/01/2020 01:11	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	12/01/2020 01:11	WG1584116
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/01/2020 01:11	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/01/2020 01:11	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	12/01/2020 01:11	WG1584116
1,1-Dichloropropene	U		0.0280	0.100	1	12/01/2020 01:11	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	12/01/2020 01:11	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/01/2020 01:11	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/01/2020 01:11	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	12/01/2020 01:11	WG1584116
Di-isopropyl ether	0.215	C5	0.0140	0.0400	1	12/01/2020 01:11	WG1584116
Ethylbenzene	3.53		0.0212	0.100	1	12/01/2020 01:11	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/01/2020 01:11	WG1584116
Isopropylbenzene	32.9		0.0345	0.100	1	12/01/2020 01:11	WG1584116
p-Isopropyltoluene	0.218		0.0932	0.200	1	12/01/2020 01:11	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	12/01/2020 01:11	WG1584116
Methylene Chloride	U		0.265	1.00	1	12/01/2020 01:11	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/01/2020 01:11	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/01/2020 01:11	WG1584116
Naphthalene	14.7	C3	0.124	0.500	1	12/01/2020 01:11	WG1584116
n-Propylbenzene	88.9		0.236	1.00	5	12/02/2020 09:12	WG1584809
Styrene	U		0.109	0.500	1	12/01/2020 01:11	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/01/2020 01:11	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/01/2020 01:11	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/01/2020 01:11	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	12/01/2020 01:11	WG1584116
Toluene	1.24		0.0500	0.200	1	12/01/2020 01:11	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	12/01/2020 01:11	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/01/2020 01:11	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/01/2020 01:11	WG1584116

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/01/2020 01:11	WG1584116
Trichloroethene	U		0.0160	0.0400	1	12/01/2020 01:11	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	12/01/2020 01:11	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	12/01/2020 01:11	WG1584116
1,2,4-Trimethylbenzene	0.734		0.0464	0.200	1	12/01/2020 01:11	WG1584116
1,2,3-Trimethylbenzene	2.92		0.0460	0.200	1	12/01/2020 01:11	WG1584116
1,3,5-Trimethylbenzene	0.290		0.0432	0.200	1	12/01/2020 01:11	WG1584116
Vinyl chloride	U		0.0273	0.100	1	12/01/2020 01:11	WG1584116
Xylenes, Total	3.95		0.191	0.260	1	12/01/2020 01:11	WG1584116
Ethyl Ether	U		0.0170	0.100	1	12/01/2020 01:11	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	12/01/2020 01:11	WG1584116
Iodomethane	U		0.242	0.500	1	12/01/2020 01:11	WG1584116
Allyl chloride	U		0.580	1.00	1	12/01/2020 01:11	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/01/2020 01:11	WG1584116
(S) Toluene-d8	*101*			*75.0-131*		*12/01/2020 01:11*	WG1584116
(S) Toluene-d8	*107*			*75.0-131*		*12/02/2020 09:12*	WG1584809
(S) 4-Bromofluorobenzene	*95.3*			*67.0-138*		*12/01/2020 01:11*	WG1584116
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*12/02/2020 09:12*	WG1584809
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*12/01/2020 01:11*	WG1584116
(S) 1,2-Dichloroethane-d4	*88.9*			*70.0-130*		*12/02/2020 09:12*	WG1584809

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	12/01/2020 01:30	WG1584116
Acrylonitrile	U		0.0760	0.500	1	12/01/2020 01:30	WG1584116
Benzene	U		0.0160	0.0400	1	12/01/2020 01:30	WG1584116
Bromobenzene	U		0.0420	0.500	1	12/01/2020 01:30	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	12/01/2020 01:30	WG1584116
Bromoform	U		0.239	1.00	1	12/01/2020 01:30	WG1584116
Bromomethane	U		0.148	0.500	1	12/01/2020 01:30	WG1584116
n-Butylbenzene	0.315	J	0.153	0.500	1	12/01/2020 01:30	WG1584116
sec-Butylbenzene	0.277	J	0.101	0.500	1	12/01/2020 01:30	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	12/01/2020 01:30	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	12/01/2020 01:30	WG1584116
Chlorobenzene	U		0.0229	0.100	1	12/01/2020 01:30	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	12/01/2020 01:30	WG1584116
Chloroethane	U		0.0432	0.200	1	12/01/2020 01:30	WG1584116
Chloroform	U		0.0166	0.100	1	12/01/2020 01:30	WG1584116
Chloromethane	U		0.0556	0.500	1	12/01/2020 01:30	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	12/01/2020 01:30	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	12/01/2020 01:30	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/01/2020 01:30	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	12/01/2020 01:30	WG1584116
Dibromomethane	U		0.0400	0.200	1	12/01/2020 01:30	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/01/2020 01:30	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/01/2020 01:30	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/01/2020 01:30	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	12/01/2020 01:30	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	12/01/2020 01:30	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	12/01/2020 01:30	WG1584116
1,1-Dichloroethene	U		0.0200	0.100	1	12/01/2020 01:30	WG1584116
cis-1,2-Dichloroethene	0.0540	J	0.0276	0.100	1	12/01/2020 01:30	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/01/2020 01:30	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	12/01/2020 01:30	WG1584116
1,1-Dichloropropene	U		0.0280	0.100	1	12/01/2020 01:30	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	12/01/2020 01:30	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/01/2020 01:30	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/01/2020 01:30	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	12/01/2020 01:30	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	12/01/2020 01:30	WG1584116
Ethylbenzene	0.0480	J	0.0212	0.100	1	12/01/2020 01:30	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/01/2020 01:30	WG1584116
Isopropylbenzene	0.119		0.0345	0.100	1	12/01/2020 01:30	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	12/01/2020 01:30	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	12/01/2020 01:30	WG1584116
Methylene Chloride	U		0.265	1.00	1	12/01/2020 01:30	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/01/2020 01:30	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/01/2020 01:30	WG1584116
Naphthalene	0.658	C3	0.124	0.500	1	12/01/2020 01:30	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	12/02/2020 07:36	WG1584809
Styrene	U		0.109	0.500	1	12/01/2020 01:30	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/01/2020 01:30	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/01/2020 01:30	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/01/2020 01:30	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	12/01/2020 01:30	WG1584116
Toluene	0.0900	J	0.0500	0.200	1	12/01/2020 01:30	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	12/01/2020 01:30	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/01/2020 01:30	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/01/2020 01:30	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/01/2020 01:30	WG1584116
Trichloroethene	U		0.0160	0.0400	1	12/01/2020 01:30	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	12/01/2020 01:30	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	12/01/2020 01:30	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/01/2020 01:30	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/01/2020 01:30	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/01/2020 01:30	WG1584116
Vinyl chloride	U		0.0273	0.100	1	12/01/2020 01:30	WG1584116
Xylenes, Total	0.294		0.191	0.260	1	12/01/2020 01:30	WG1584116
Ethyl Ether	0.0460	J	0.0170	0.100	1	12/01/2020 01:30	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	12/01/2020 01:30	WG1584116
Iodomethane	U		0.242	0.500	1	12/01/2020 01:30	WG1584116
Allyl chloride	U		0.580	1.00	1	12/01/2020 01:30	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/01/2020 01:30	WG1584116
(S) Toluene-d8	*106*			*75.0-131*		*12/01/2020 01:30*	WG1584116
(S) Toluene-d8	*107*			*75.0-131*		*12/02/2020 07:36*	WG1584809
(S) 4-Bromofluorobenzene	*91.6*			*67.0-138*		*12/01/2020 01:30*	WG1584116
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*12/02/2020 07:36*	WG1584809
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*12/01/2020 01:30*	WG1584116
(S) 1,2-Dichloroethane-d4	*88.6*			*70.0-130*		*12/02/2020 07:36*	WG1584809

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	12/01/2020 01:49	WG1584116
Acrylonitrile	U		0.0760	0.500	1	12/01/2020 01:49	WG1584116
Benzene	U		0.0160	0.0400	1	12/01/2020 01:49	WG1584116
Bromobenzene	U		0.0420	0.500	1	12/01/2020 01:49	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	12/01/2020 01:49	WG1584116
Bromoform	U		0.239	1.00	1	12/01/2020 01:49	WG1584116
Bromomethane	U		0.148	0.500	1	12/01/2020 01:49	WG1584116
n-Butylbenzene	U		0.153	0.500	1	12/01/2020 01:49	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	12/01/2020 01:49	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	12/01/2020 01:49	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	12/01/2020 01:49	WG1584116
Chlorobenzene	U		0.0229	0.100	1	12/01/2020 01:49	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	12/01/2020 01:49	WG1584116
Chloroethane	U		0.0432	0.200	1	12/01/2020 01:49	WG1584116
Chloroform	U		0.0166	0.100	1	12/01/2020 01:49	WG1584116
Chloromethane	U		0.0556	0.500	1	12/01/2020 01:49	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	12/01/2020 01:49	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	12/01/2020 01:49	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/01/2020 01:49	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	12/01/2020 01:49	WG1584116
Dibromomethane	U		0.0400	0.200	1	12/01/2020 01:49	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/01/2020 01:49	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/01/2020 01:49	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/01/2020 01:49	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	12/01/2020 01:49	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	12/01/2020 01:49	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	12/01/2020 01:49	WG1584116
1,1-Dichloroethene	0.0780	J	0.0200	0.100	1	12/01/2020 01:49	WG1584116
cis-1,2-Dichloroethene	2.68		0.0276	0.100	1	12/01/2020 01:49	WG1584116
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/01/2020 01:49	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	12/01/2020 01:49	WG1584116
1,1-Dichloropropene	U		0.0280	0.100	1	12/01/2020 01:49	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	12/01/2020 01:49	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/01/2020 01:49	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/01/2020 01:49	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	12/01/2020 01:49	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	12/01/2020 01:49	WG1584116
Ethylbenzene	U		0.0212	0.100	1	12/01/2020 01:49	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/01/2020 01:49	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	12/01/2020 01:49	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	12/01/2020 01:49	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	12/01/2020 01:49	WG1584116
Methylene Chloride	U		0.265	1.00	1	12/01/2020 01:49	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/01/2020 01:49	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/01/2020 01:49	WG1584116
Naphthalene	U	C3	0.124	0.500	1	12/01/2020 01:49	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	12/02/2020 07:55	WG1584809
Styrene	U		0.109	0.500	1	12/01/2020 01:49	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/01/2020 01:49	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/01/2020 01:49	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/01/2020 01:49	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	12/01/2020 01:49	WG1584116
Toluene	0.0960	J	0.0500	0.200	1	12/01/2020 01:49	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	12/01/2020 01:49	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/01/2020 01:49	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/01/2020 01:49	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/01/2020 01:49	WG1584116
Trichloroethene	0.0260	J	0.0160	0.0400	1	12/01/2020 01:49	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	12/01/2020 01:49	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	12/01/2020 01:49	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/01/2020 01:49	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/01/2020 01:49	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/01/2020 01:49	WG1584116
Vinyl chloride	4.89		0.0273	0.100	1	12/01/2020 01:49	WG1584116
Xylenes, Total	U		0.191	0.260	1	12/01/2020 01:49	WG1584116
Ethyl Ether	U		0.0170	0.100	1	12/01/2020 01:49	WG1584116
Tetrahydrofuran	U		0.0900	0.500	1	12/01/2020 01:49	WG1584116
Iodomethane	U		0.242	0.500	1	12/01/2020 01:49	WG1584116
Allyl chloride	U		0.580	1.00	1	12/01/2020 01:49	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/01/2020 01:49	WG1584116
(S) Toluene-d8	*101*			*75.0-131*		*12/01/2020 01:49*	WG1584116
(S) Toluene-d8	*108*			*75.0-131*		*12/02/2020 07:55*	WG1584809
(S) 4-Bromofluorobenzene	*94.5*			*67.0-138*		*12/01/2020 01:49*	WG1584116
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*12/02/2020 07:55*	WG1584809
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*		*12/01/2020 01:49*	WG1584116
(S) 1,2-Dichloroethane-d4	*90.8*			*70.0-130*		*12/02/2020 07:55*	WG1584809

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	45900		594	5000	1	12/08/2020 07:45	WG1587717

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	18500		102	1000	1	12/04/2020 00:38	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	6620		28.1	100	1	12/03/2020 18:13	WG1585686
Manganese	3460		0.704	5.00	1	12/03/2020 18:13	WG1585686

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1000		0.287	0.678	1	12/01/2020 17:11	WG1584466
Ethane	40.3		0.296	1.29	1	12/01/2020 17:11	WG1584466
Ethene	5.13		0.422	1.27	1	12/01/2020 17:11	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	12/01/2020 02:08	WG1584116
Acrylonitrile	U		0.0760	0.500	1	12/01/2020 02:08	WG1584116
Benzene	0.509		0.0160	0.0400	1	12/01/2020 02:08	WG1584116
Bromobenzene	U		0.0420	0.500	1	12/01/2020 02:08	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	12/01/2020 02:08	WG1584116
Bromoform	U		0.239	1.00	1	12/01/2020 02:08	WG1584116
Bromomethane	U		0.148	0.500	1	12/01/2020 02:08	WG1584116
n-Butylbenzene	U		0.153	0.500	1	12/01/2020 02:08	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	12/01/2020 02:08	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	12/01/2020 02:08	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	12/01/2020 02:08	WG1584116
Chlorobenzene	U		0.0229	0.100	1	12/01/2020 02:08	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	12/01/2020 02:08	WG1584116
Chloroethane	U		0.0432	0.200	1	12/01/2020 02:08	WG1584116
Chloroform	U		0.0166	0.100	1	12/01/2020 02:08	WG1584116
Chloromethane	U		0.0556	0.500	1	12/01/2020 02:08	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	12/01/2020 02:08	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	12/01/2020 02:08	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/01/2020 02:08	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	12/01/2020 02:08	WG1584116
Dibromomethane	U		0.0400	0.200	1	12/01/2020 02:08	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/01/2020 02:08	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/01/2020 02:08	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/01/2020 02:08	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	12/01/2020 02:08	WG1584116
1,1-Dichloroethane	0.0310	J	0.0230	0.100	1	12/01/2020 02:08	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	12/01/2020 02:08	WG1584116
1,1-Dichloroethene	1.09	C5	0.0200	0.100	1	12/01/2020 02:08	WG1584116
cis-1,2-Dichloroethene	142		0.138	0.500	5	12/02/2020 09:31	WG1584809
trans-1,2-Dichloroethene	0.827		0.0572	0.200	1	12/01/2020 02:08	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	12/01/2020 02:08	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/01/2020 02:08	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	12/01/2020 02:08	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/01/2020 02:08	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/01/2020 02:08	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	12/01/2020 02:08	WG1584116
Di-isopropyl ether	0.0350	J	0.0140	0.0400	1	12/01/2020 02:08	WG1584116
Ethylbenzene	0.0340	J	0.0212	0.100	1	12/01/2020 02:08	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/01/2020 02:08	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	12/01/2020 02:08	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	12/01/2020 02:08	WG1584116
2-Butanone (MEK)	U		0.500	1.00	1	12/01/2020 02:08	WG1584116
Methylene Chloride	U		0.265	1.00	1	12/01/2020 02:08	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/01/2020 02:08	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/01/2020 02:08	WG1584116
Naphthalene	U	C3	0.124	0.500	1	12/01/2020 02:08	WG1584116
n-Propylbenzene	0.0480	J	0.0472	0.200	1	12/01/2020 02:08	WG1584116
Styrene	U		0.109	0.500	1	12/01/2020 02:08	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/01/2020 02:08	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/01/2020 02:08	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/01/2020 02:08	WG1584116
Tetrachloroethene	0.163		0.0280	0.100	1	12/01/2020 02:08	WG1584116
Toluene	0.0930	J	0.0500	0.200	1	12/01/2020 02:08	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	12/01/2020 02:08	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/01/2020 02:08	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/01/2020 02:08	WG1584116
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/01/2020 02:08	WG1584116
Trichloroethene	22.2		0.0160	0.0400	1	12/01/2020 02:08	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	12/01/2020 02:08	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	12/01/2020 02:08	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/01/2020 02:08	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/01/2020 02:08	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/01/2020 02:08	WG1584116
Vinyl chloride	46.1		0.0273	0.100	1	12/01/2020 02:08	WG1584116
Xylenes, Total	0.265		0.191	0.260	1	12/01/2020 02:08	WG1584116
Ethyl Ether	0.293		0.0170	0.100	1	12/01/2020 02:08	WG1584116
Tetrahydrofuran	2.81	C5	0.0900	0.500	1	12/01/2020 02:08	WG1584116
Iodomethane	U		0.242	0.500	1	12/01/2020 02:08	WG1584116
Allyl chloride	U		0.580	1.00	1	12/01/2020 02:08	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/01/2020 02:08	WG1584116
(S) Toluene-d8	*99.9*			*75.0-131*		*12/01/2020 02:08*	WG1584116
(S) Toluene-d8	*108*			*75.0-131*		*12/02/2020 09:31*	WG1584809
(S) 4-Bromofluorobenzene	*94.9*			*67.0-138*		*12/01/2020 02:08*	WG1584116
(S) 4-Bromofluorobenzene	*112*			*67.0-138*		*12/02/2020 09:31*	WG1584809
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*12/01/2020 02:08*	WG1584116
(S) 1,2-Dichloroethane-d4	*91.7*			*70.0-130*		*12/02/2020 09:31*	WG1584809

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	33300		594	5000	1	12/08/2020 08:01	WG1587717

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	19900		102	1000	1	12/04/2020 01:05	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	3680		28.1	100	1	12/03/2020 18:17	WG1585686
Manganese	501		0.704	5.00	1	12/03/2020 18:17	WG1585686

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1120		0.287	0.678	1	12/01/2020 17:15	WG1584466
Ethane	U		0.296	1.29	1	12/01/2020 17:15	WG1584466
Ethene	U		0.422	1.27	1	12/01/2020 17:15	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	2.84	C5	0.548	1.00	1	12/01/2020 02:28	WG1584116
Acrylonitrile	U		0.0760	0.500	1	12/01/2020 02:28	WG1584116
Benzene	U		0.0160	0.0400	1	12/01/2020 02:28	WG1584116
Bromobenzene	U		0.0420	0.500	1	12/01/2020 02:28	WG1584116
Bromodichloromethane	U		0.0315	0.100	1	12/01/2020 02:28	WG1584116
Bromoform	U		0.239	1.00	1	12/01/2020 02:28	WG1584116
Bromomethane	U		0.148	0.500	1	12/01/2020 02:28	WG1584116
n-Butylbenzene	U		0.153	0.500	1	12/01/2020 02:28	WG1584116
sec-Butylbenzene	U		0.101	0.500	1	12/01/2020 02:28	WG1584116
tert-Butylbenzene	U		0.0620	0.200	1	12/01/2020 02:28	WG1584116
Carbon tetrachloride	U		0.0432	0.200	1	12/01/2020 02:28	WG1584116
Chlorobenzene	U		0.0229	0.100	1	12/01/2020 02:28	WG1584116
Chlorodibromomethane	U		0.0180	0.100	1	12/01/2020 02:28	WG1584116
Chloroethane	U		0.0432	0.200	1	12/01/2020 02:28	WG1584116
Chloroform	U		0.0166	0.100	1	12/01/2020 02:28	WG1584116
Chloromethane	U		0.0556	0.500	1	12/01/2020 02:28	WG1584116
2-Chlorotoluene	U		0.0368	0.100	1	12/01/2020 02:28	WG1584116
4-Chlorotoluene	U		0.0452	0.200	1	12/01/2020 02:28	WG1584116
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/01/2020 02:28	WG1584116
1,2-Dibromoethane	U		0.0210	0.100	1	12/01/2020 02:28	WG1584116
Dibromomethane	U		0.0400	0.200	1	12/01/2020 02:28	WG1584116
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/01/2020 02:28	WG1584116
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/01/2020 02:28	WG1584116
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/01/2020 02:28	WG1584116
Dichlorodifluoromethane	U		0.0327	0.100	1	12/01/2020 02:28	WG1584116
1,1-Dichloroethane	U		0.0230	0.100	1	12/01/2020 02:28	WG1584116
1,2-Dichloroethane	U		0.0190	0.100	1	12/01/2020 02:28	WG1584116
1,1-Dichloroethene	0.0630	J	0.0200	0.100	1	12/01/2020 02:28	WG1584116
cis-1,2-Dichloroethene	0.451		0.0276	0.100	1	12/02/2020 08:14	WG1584809
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/01/2020 02:28	WG1584116
1,2-Dichloropropane	U		0.0508	0.200	1	12/01/2020 02:28	WG1584116

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/01/2020 02:28	WG1584116
1,3-Dichloropropane	U		0.0700	0.200	1	12/01/2020 02:28	WG1584116
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/01/2020 02:28	WG1584116
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/01/2020 02:28	WG1584116
2,2-Dichloropropane	U		0.0317	0.100	1	12/01/2020 02:28	WG1584116
Di-isopropyl ether	U		0.0140	0.0400	1	12/01/2020 02:28	WG1584116
Ethylbenzene	U		0.0212	0.100	1	12/01/2020 02:28	WG1584116
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/01/2020 02:28	WG1584116
Isopropylbenzene	U		0.0345	0.100	1	12/01/2020 02:28	WG1584116
p-Isopropyltoluene	U		0.0932	0.200	1	12/01/2020 02:28	WG1584116
2-Butanone (MEK)	2.98		0.500	1.00	1	12/01/2020 02:28	WG1584116
Methylene Chloride	U		0.265	1.00	1	12/01/2020 02:28	WG1584116
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/01/2020 02:28	WG1584116
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/01/2020 02:28	WG1584116
Naphthalene	U	C3	0.124	0.500	1	12/01/2020 02:28	WG1584116
n-Propylbenzene	U		0.0472	0.200	1	12/01/2020 02:28	WG1584116
Styrene	U		0.109	0.500	1	12/01/2020 02:28	WG1584116
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/01/2020 02:28	WG1584116
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/01/2020 02:28	WG1584116
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/01/2020 02:28	WG1584116
Tetrachloroethene	U		0.0280	0.100	1	12/01/2020 02:28	WG1584116
Toluene	U		0.0500	0.200	1	12/01/2020 02:28	WG1584116
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	12/01/2020 02:28	WG1584116
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/01/2020 02:28	WG1584116
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/01/2020 02:28	WG1584116
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/01/2020 02:28	WG1584116
Trichloroethene	0.214		0.0160	0.0400	1	12/01/2020 02:28	WG1584116
Trichlorofluoromethane	U		0.0200	0.100	1	12/01/2020 02:28	WG1584116
1,2,3-Trichloropropane	U		0.204	0.500	1	12/01/2020 02:28	WG1584116
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/01/2020 02:28	WG1584116
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/01/2020 02:28	WG1584116
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/01/2020 02:28	WG1584116
Vinyl chloride	5.82		0.0273	0.100	1	12/01/2020 02:28	WG1584116
Xylenes, Total	U		0.191	0.260	1	12/01/2020 02:28	WG1584116
Ethyl Ether	U		0.0170	0.100	1	12/01/2020 02:28	WG1584116
Tetrahydrofuran	18.1	C5	0.0900	0.500	1	12/01/2020 02:28	WG1584116
Iodomethane	U		0.242	0.500	1	12/01/2020 02:28	WG1584116
Allyl chloride	U		0.580	1.00	1	12/01/2020 02:28	WG1584116
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/01/2020 02:28	WG1584116
(S) Toluene-d8	*106*			*75.0-131*		*12/01/2020 02:28*	WG1584116
(S) Toluene-d8	*107*			*75.0-131*		*12/02/2020 08:14*	WG1584809
(S) 4-Bromofluorobenzene	*93.1*			*67.0-138*		*12/01/2020 02:28*	WG1584116
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*12/02/2020 08:14*	WG1584809
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*12/01/2020 02:28*	WG1584116
(S) 1,2-Dichloroethane-d4	*90.2*			*70.0-130*		*12/02/2020 08:14*	WG1584809

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	5060		594	5000	1	12/08/2020 01:22	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	6450		102	1000	1	12/04/2020 01:31	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	7110		28.1	100	1	12/03/2020 18:20	WG1585686
Manganese	654		0.704	5.00	1	12/03/2020 18:20	WG1585686

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	10600		2.87	6.78	10	12/02/2020 15:13	WG1585118
Ethane	190		0.296	1.29	1	12/01/2020 17:19	WG1584466
Ethene	10.9		0.422	1.27	1	12/01/2020 17:19	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.24	C5	0.548	1.00	1	12/08/2020 13:14	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 13:14	WG1588230
Benzene	0.584		0.0160	0.0400	1	12/08/2020 13:14	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 13:14	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 13:14	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 13:14	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 13:14	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 13:14	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 13:14	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 13:14	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 13:14	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 13:14	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 13:14	WG1588230
Chloroethane	U		0.0432	0.200	1	12/08/2020 13:14	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 13:14	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 13:14	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 13:14	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 13:14	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 13:14	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 13:14	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 13:14	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 13:14	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 13:14	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 13:14	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 13:14	WG1588230
1,1-Dichloroethane	U		0.0230	0.100	1	12/08/2020 13:14	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 13:14	WG1588230
1,1-Dichloroethene	0.589		0.0200	0.100	1	12/08/2020 13:14	WG1588230
cis-1,2-Dichloroethene	113		0.138	0.500	5	12/08/2020 17:18	WG1588483
trans-1,2-Dichloroethene	0.633		0.0572	0.200	1	12/08/2020 13:14	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 13:14	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 13:14	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 13:14	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 13:14	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 13:14	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 13:14	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 13:14	WG1588230
Ethylbenzene	0.0610	J	0.0212	0.100	1	12/08/2020 13:14	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 13:14	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 13:14	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 13:14	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 13:14	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 13:14	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 13:14	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 13:14	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 13:14	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 13:14	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 13:14	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 13:14	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 13:14	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 13:14	WG1588230
Tetrachloroethene	U		0.0280	0.100	1	12/08/2020 13:14	WG1588230
Toluene	0.203		0.0500	0.200	1	12/08/2020 13:14	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 13:14	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 13:14	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 13:14	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 13:14	WG1588230
Trichloroethene	9.64		0.0160	0.0400	1	12/08/2020 13:14	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 13:14	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 13:14	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 13:14	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 13:14	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 13:14	WG1588230
Vinyl chloride	26.0		0.137	0.500	5	12/08/2020 17:18	WG1588483
Xylenes, Total	0.474		0.191	0.260	1	12/08/2020 13:14	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 13:14	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 13:14	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 13:14	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 13:14	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 13:14	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 13:14*	WG1588230
(S) Toluene-d8	*103*			*75.0-131*		*12/08/2020 17:18*	WG1588483
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*12/08/2020 13:14*	WG1588230
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*12/08/2020 17:18*	WG1588483
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*12/08/2020 13:14*	WG1588230
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*12/08/2020 17:18*	WG1588483

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		5.48	10.0	10	12/08/2020 14:11	WG1588230
Acrylonitrile	U		0.760	5.00	10	12/08/2020 14:11	WG1588230
Benzene	23.9		0.160	0.400	10	12/08/2020 14:11	WG1588230
Bromobenzene	U		0.420	5.00	10	12/08/2020 14:11	WG1588230
Bromodichloromethane	U		0.315	1.00	10	12/08/2020 14:11	WG1588230
Bromoform	U		2.39	10.0	10	12/08/2020 14:11	WG1588230
Bromomethane	U		1.48	5.00	10	12/08/2020 14:11	WG1588230
n-Butylbenzene	U		1.53	5.00	10	12/08/2020 14:11	WG1588230
sec-Butylbenzene	U		1.01	5.00	10	12/08/2020 14:11	WG1588230
tert-Butylbenzene	U		0.620	2.00	10	12/08/2020 14:11	WG1588230
Carbon tetrachloride	U		0.432	2.00	10	12/08/2020 14:11	WG1588230
Chlorobenzene	U		0.229	1.00	10	12/08/2020 14:11	WG1588230
Chlorodibromomethane	U		0.180	1.00	10	12/08/2020 14:11	WG1588230
Chloroethane	U		0.432	2.00	10	12/08/2020 14:11	WG1588230
Chloroform	U		0.166	1.00	10	12/08/2020 14:11	WG1588230
Chloromethane	U		0.556	5.00	10	12/08/2020 14:11	WG1588230
2-Chlorotoluene	U		0.368	1.00	10	12/08/2020 14:11	WG1588230
4-Chlorotoluene	U		0.452	2.00	10	12/08/2020 14:11	WG1588230
1,2-Dibromo-3-Chloropropane	U		2.04	10.0	10	12/08/2020 14:11	WG1588230
1,2-Dibromoethane	U		0.210	1.00	10	12/08/2020 14:11	WG1588230
Dibromomethane	U		0.400	2.00	10	12/08/2020 14:11	WG1588230
1,2-Dichlorobenzene	U		0.580	2.00	10	12/08/2020 14:11	WG1588230
1,3-Dichlorobenzene	U		0.680	2.00	10	12/08/2020 14:11	WG1588230
1,4-Dichlorobenzene	U		0.788	2.00	10	12/08/2020 14:11	WG1588230
Dichlorodifluoromethane	U		0.327	1.00	10	12/08/2020 14:11	WG1588230
1,1-Dichloroethane	0.510	J	0.230	1.00	10	12/08/2020 14:11	WG1588230
1,2-Dichloroethane	2.15		0.190	1.00	10	12/08/2020 14:11	WG1588230
1,1-Dichloroethene	3.17		0.200	1.00	10	12/08/2020 14:11	WG1588230
cis-1,2-Dichloroethene	257		0.276	1.00	10	12/08/2020 14:11	WG1588230
trans-1,2-Dichloroethene	1.35	J	0.572	2.00	10	12/08/2020 14:11	WG1588230
1,2-Dichloropropane	U		0.508	2.00	10	12/08/2020 14:11	WG1588230
1,1-Dichloropropene	U		0.280	1.00	10	12/08/2020 14:11	WG1588230
1,3-Dichloropropane	U		0.700	2.00	10	12/08/2020 14:11	WG1588230
cis-1,3-Dichloropropene	U		0.271	1.00	10	12/08/2020 14:11	WG1588230
trans-1,3-Dichloropropene	U		0.612	2.00	10	12/08/2020 14:11	WG1588230
2,2-Dichloropropane	U		0.317	1.00	10	12/08/2020 14:11	WG1588230
Di-isopropyl ether	U		0.140	0.400	10	12/08/2020 14:11	WG1588230
Ethylbenzene	U		0.212	1.00	10	12/08/2020 14:11	WG1588230
Hexachloro-1,3-butadiene	U		5.08	10.0	10	12/08/2020 14:11	WG1588230
Isopropylbenzene	U		0.345	1.00	10	12/08/2020 14:11	WG1588230
p-Isopropyltoluene	U		0.932	2.00	10	12/08/2020 14:11	WG1588230
2-Butanone (MEK)	U		5.00	10.0	10	12/08/2020 14:11	WG1588230
Methylene Chloride	U		2.65	10.0	10	12/08/2020 14:11	WG1588230
4-Methyl-2-pentanone (MIBK)	U		4.00	10.0	10	12/08/2020 14:11	WG1588230
Methyl tert-butyl ether	U		0.118	0.400	10	12/08/2020 14:11	WG1588230
Naphthalene	U		1.24	5.00	10	12/08/2020 14:11	WG1588230
n-Propylbenzene	U		0.472	2.00	10	12/08/2020 14:11	WG1588230
Styrene	U		1.09	5.00	10	12/08/2020 14:11	WG1588230
1,1,1,2-Tetrachloroethane	U		0.200	1.00	10	12/08/2020 14:11	WG1588230
1,1,2,2-Tetrachloroethane	U		0.156	1.00	10	12/08/2020 14:11	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.270	1.00	10	12/08/2020 14:11	WG1588230
Tetrachloroethene	3.35		0.280	1.00	10	12/08/2020 14:11	WG1588230
Toluene	0.550	J	0.500	2.00	10	12/08/2020 14:11	WG1588230
1,2,3-Trichlorobenzene	U		0.250	5.00	10	12/08/2020 14:11	WG1588230
1,2,4-Trichlorobenzene	U		1.93	5.00	10	12/08/2020 14:11	WG1588230
1,1,1-Trichloroethane	U		0.110	1.00	10	12/08/2020 14:11	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.353	1.00	10	12/08/2020 14:11	WG1588230
Trichloroethene	70.9		0.160	0.400	10	12/08/2020 14:11	WG1588230
Trichlorofluoromethane	U		0.200	1.00	10	12/08/2020 14:11	WG1588230
1,2,3-Trichloropropane	U		2.04	5.00	10	12/08/2020 14:11	WG1588230
1,2,4-Trimethylbenzene	U		0.464	2.00	10	12/08/2020 14:11	WG1588230
1,2,3-Trimethylbenzene	U		0.460	2.00	10	12/08/2020 14:11	WG1588230
1,3,5-Trimethylbenzene	U		0.432	2.00	10	12/08/2020 14:11	WG1588230
Vinyl chloride	41.2		0.273	1.00	10	12/08/2020 14:11	WG1588230
Xylenes, Total	U		1.91	2.60	10	12/08/2020 14:11	WG1588230
Ethyl Ether	U		0.170	1.00	10	12/08/2020 14:11	WG1588230
Tetrahydrofuran	U		0.900	5.00	10	12/08/2020 14:11	WG1588230
Iodomethane	U		2.42	5.00	10	12/08/2020 14:11	WG1588230
Allyl chloride	U		5.80	10.0	10	12/08/2020 14:11	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.560	2.00	10	12/08/2020 14:11	WG1588230
(S) Toluene-d8	*99.9*			*75.0-131*		*12/08/2020 14:11*	WG1588230
(S) 4-Bromofluorobenzene	*99.9*			*67.0-138*		*12/08/2020 14:11*	WG1588230
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/08/2020 14:11*	WG1588230

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	45800		594	5000	1	12/08/2020 01:34	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	18600		102	1000	1	12/04/2020 01:58	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	7100		28.1	100	1	12/03/2020 18:23	WG1585686
Manganese	3500		0.704	5.00	1	12/03/2020 18:23	WG1585686

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	871		0.287	0.678	1	12/01/2020 17:23	WG1584466
Ethane	35.5		0.296	1.29	1	12/01/2020 17:23	WG1584466
Ethene	U		0.422	1.27	1	12/01/2020 17:23	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.69	C5	0.548	1.00	1	12/08/2020 13:33	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 13:33	WG1588230
Benzene	0.408		0.0160	0.0400	1	12/08/2020 13:33	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 13:33	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 13:33	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 13:33	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 13:33	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 13:33	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 13:33	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 13:33	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 13:33	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 13:33	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 13:33	WG1588230
Chloroethane	U		0.0432	0.200	1	12/08/2020 13:33	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 13:33	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 13:33	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 13:33	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 13:33	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 13:33	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 13:33	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 13:33	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 13:33	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 13:33	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 13:33	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 13:33	WG1588230
1,1-Dichloroethane	0.0250	J	0.0230	0.100	1	12/08/2020 13:33	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 13:33	WG1588230
1,1-Dichloroethene	0.905		0.0200	0.100	1	12/08/2020 13:33	WG1588230
cis-1,2-Dichloroethene	136		0.138	0.500	5	12/08/2020 17:37	WG1588483
trans-1,2-Dichloroethene	0.734		0.0572	0.200	1	12/08/2020 13:33	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 13:33	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 13:33	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 13:33	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 13:33	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 13:33	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 13:33	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 13:33	WG1588230
Ethylbenzene	0.0390	J	0.0212	0.100	1	12/08/2020 13:33	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 13:33	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 13:33	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 13:33	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 13:33	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 13:33	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 13:33	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 13:33	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 13:33	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 13:33	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 13:33	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 13:33	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 13:33	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 13:33	WG1588230
Tetrachloroethene	0.164		0.0280	0.100	1	12/08/2020 13:33	WG1588230
Toluene	0.0850	J	0.0500	0.200	1	12/08/2020 13:33	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 13:33	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 13:33	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 13:33	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 13:33	WG1588230
Trichloroethene	24.5		0.0160	0.0400	1	12/08/2020 13:33	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 13:33	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 13:33	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 13:33	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 13:33	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 13:33	WG1588230
Vinyl chloride	34.6		0.137	0.500	5	12/08/2020 17:37	WG1588483
Xylenes, Total	0.258	J	0.191	0.260	1	12/08/2020 13:33	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 13:33	WG1588230
Tetrahydrofuran	2.53		0.0900	0.500	1	12/08/2020 13:33	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 13:33	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 13:33	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 13:33	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 13:33*	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 17:37*	WG1588483
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*		*12/08/2020 13:33*	WG1588230
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*		*12/08/2020 17:37*	WG1588483
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/08/2020 13:33*	WG1588230
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*12/08/2020 17:37*	WG1588483

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	110000		2970	25000	5	12/08/2020 07:32	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3020		102	1000	1	12/04/2020 04:43	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5160		28.1	100	1	12/03/2020 19:32	WG1585686
Manganese	420		0.704	5.00	1	12/03/2020 19:32	WG1585686

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	575		0.287	0.678	1	12/01/2020 17:26	WG1584466
Ethane	13.0		0.296	1.29	1	12/01/2020 17:26	WG1584466
Ethene	U		0.422	1.27	1	12/01/2020 17:26	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		54.8	100	100	12/08/2020 14:29	WG1588230
Acrylonitrile	U		7.60	50.0	100	12/08/2020 14:29	WG1588230
Benzene	U		1.60	4.00	100	12/08/2020 14:29	WG1588230
Bromobenzene	U		4.20	50.0	100	12/08/2020 14:29	WG1588230
Bromodichloromethane	U		3.15	10.0	100	12/08/2020 14:29	WG1588230
Bromoform	U		23.9	100	100	12/08/2020 14:29	WG1588230
Bromomethane	U		14.8	50.0	100	12/08/2020 14:29	WG1588230
n-Butylbenzene	U		15.3	50.0	100	12/08/2020 14:29	WG1588230
sec-Butylbenzene	U		10.1	50.0	100	12/08/2020 14:29	WG1588230
tert-Butylbenzene	U		6.20	20.0	100	12/08/2020 14:29	WG1588230
Carbon tetrachloride	U		4.32	20.0	100	12/08/2020 14:29	WG1588230
Chlorobenzene	U		2.29	10.0	100	12/08/2020 14:29	WG1588230
Chlorodibromomethane	U		1.80	10.0	100	12/08/2020 14:29	WG1588230
Chloroethane	U		4.32	20.0	100	12/08/2020 14:29	WG1588230
Chloroform	U		1.66	10.0	100	12/08/2020 14:29	WG1588230
Chloromethane	U		5.56	50.0	100	12/08/2020 14:29	WG1588230
2-Chlorotoluene	U		3.68	10.0	100	12/08/2020 14:29	WG1588230
4-Chlorotoluene	U		4.52	20.0	100	12/08/2020 14:29	WG1588230
1,2-Dibromo-3-Chloropropane	U		20.4	100	100	12/08/2020 14:29	WG1588230
1,2-Dibromoethane	U		2.10	10.0	100	12/08/2020 14:29	WG1588230
Dibromomethane	U		4.00	20.0	100	12/08/2020 14:29	WG1588230
1,2-Dichlorobenzene	U		5.80	20.0	100	12/08/2020 14:29	WG1588230
1,3-Dichlorobenzene	U		6.80	20.0	100	12/08/2020 14:29	WG1588230
1,4-Dichlorobenzene	U		7.88	20.0	100	12/08/2020 14:29	WG1588230
Dichlorodifluoromethane	U		3.27	10.0	100	12/08/2020 14:29	WG1588230
1,1-Dichloroethane	U		2.30	10.0	100	12/08/2020 14:29	WG1588230
1,2-Dichloroethane	U		1.90	10.0	100	12/08/2020 14:29	WG1588230
1,1-Dichloroethene	3.00	J	2.00	10.0	100	12/08/2020 14:29	WG1588230
cis-1,2-Dichloroethene	1290		2.76	10.0	100	12/08/2020 14:29	WG1588230
trans-1,2-Dichloroethene	8.30	J	5.72	20.0	100	12/08/2020 14:29	WG1588230
1,2-Dichloropropane	U		5.08	20.0	100	12/08/2020 14:29	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		2.80	10.0	100	12/08/2020 14:29	WG1588230
1,3-Dichloropropane	U		7.00	20.0	100	12/08/2020 14:29	WG1588230
cis-1,3-Dichloropropene	U		2.71	10.0	100	12/08/2020 14:29	WG1588230
trans-1,3-Dichloropropene	U		6.12	20.0	100	12/08/2020 14:29	WG1588230
2,2-Dichloropropane	U		3.17	10.0	100	12/08/2020 14:29	WG1588230
Di-isopropyl ether	U		1.40	4.00	100	12/08/2020 14:29	WG1588230
Ethylbenzene	U		2.12	10.0	100	12/08/2020 14:29	WG1588230
Hexachloro-1,3-butadiene	U		50.8	100	100	12/08/2020 14:29	WG1588230
Isopropylbenzene	U		3.45	10.0	100	12/08/2020 14:29	WG1588230
p-Isopropyltoluene	U		9.32	20.0	100	12/08/2020 14:29	WG1588230
2-Butanone (MEK)	U		50.0	100	100	12/08/2020 14:29	WG1588230
Methylene Chloride	U		26.5	100	100	12/08/2020 14:29	WG1588230
4-Methyl-2-pentanone (MIBK)	U		40.0	100	100	12/08/2020 14:29	WG1588230
Methyl tert-butyl ether	U		1.18	4.00	100	12/08/2020 14:29	WG1588230
Naphthalene	U		12.4	50.0	100	12/08/2020 14:29	WG1588230
n-Propylbenzene	U		4.72	20.0	100	12/08/2020 14:29	WG1588230
Styrene	U		10.9	50.0	100	12/08/2020 14:29	WG1588230
1,1,1,2-Tetrachloroethane	U		2.00	10.0	100	12/08/2020 14:29	WG1588230
1,1,2,2-Tetrachloroethane	U		1.56	10.0	100	12/08/2020 14:29	WG1588230
1,1,2-Trichlorotrifluoroethane	U		2.70	10.0	100	12/08/2020 14:29	WG1588230
Tetrachloroethene	706		2.80	10.0	100	12/08/2020 14:29	WG1588230
Toluene	U		5.00	20.0	100	12/08/2020 14:29	WG1588230
1,2,3-Trichlorobenzene	U		2.50	50.0	100	12/08/2020 14:29	WG1588230
1,2,4-Trichlorobenzene	U		19.3	50.0	100	12/08/2020 14:29	WG1588230
1,1,1-Trichloroethane	U		1.10	10.0	100	12/08/2020 14:29	WG1588230
1,1,2-Trichloroethane	U		3.53	10.0	100	12/08/2020 14:29	WG1588230
Trichloroethene	1380		1.60	4.00	100	12/08/2020 14:29	WG1588230
Trichlorofluoromethane	U		2.00	10.0	100	12/08/2020 14:29	WG1588230
1,2,3-Trichloropropane	U		20.4	50.0	100	12/08/2020 14:29	WG1588230
1,2,4-Trimethylbenzene	U		4.64	20.0	100	12/08/2020 14:29	WG1588230
1,2,3-Trimethylbenzene	U		4.60	20.0	100	12/08/2020 14:29	WG1588230
1,3,5-Trimethylbenzene	U		4.32	20.0	100	12/08/2020 14:29	WG1588230
Vinyl chloride	11.9		2.73	10.0	100	12/08/2020 14:29	WG1588230
Xylenes, Total	U		19.1	26.0	100	12/08/2020 14:29	WG1588230
Ethyl Ether	U		1.70	10.0	100	12/08/2020 14:29	WG1588230
Tetrahydrofuran	U		9.00	50.0	100	12/08/2020 14:29	WG1588230
Iodomethane	U		24.2	50.0	100	12/08/2020 14:29	WG1588230
Allyl chloride	U		58.0	100	100	12/08/2020 14:29	WG1588230
Trans-1,4-Dichloro-2-butene	U		5.60	20.0	100	12/08/2020 14:29	WG1588230
(S) Toluene-d8	*100*			*75.0-131*		*12/08/2020 14:29*	WG1588230
(S) 4-Bromofluorobenzene	*99.0*			*67.0-138*		*12/08/2020 14:29*	WG1588230
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/08/2020 14:29*	WG1588230

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	U		594	5000	1	12/08/2020 02:00	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	U		102	1000	1	12/04/2020 05:15	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	U		28.1	100	1	12/03/2020 19:36	WG1585686
Manganese	U		0.704	5.00	1	12/03/2020 19:36	WG1585686

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		0.287	0.678	1	12/01/2020 17:35	WG1584466
Ethane	U		0.296	1.29	1	12/01/2020 17:35	WG1584466
Ethene	U		0.422	1.27	1	12/01/2020 17:35	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.87	C5	0.548	1.00	1	12/08/2020 12:35	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 12:35	WG1588230
Benzene	0.0270	J	0.0160	0.0400	1	12/08/2020 12:35	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 12:35	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 12:35	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 12:35	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 12:35	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 12:35	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 12:35	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 12:35	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 12:35	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 12:35	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 12:35	WG1588230
Chloroethane	U		0.0432	0.200	1	12/08/2020 12:35	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 12:35	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 12:35	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 12:35	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 12:35	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 12:35	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 12:35	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 12:35	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 12:35	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 12:35	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 12:35	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 12:35	WG1588230
1,1-Dichloroethane	U		0.0230	0.100	1	12/08/2020 12:35	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 12:35	WG1588230
1,1-Dichloroethene	U		0.0200	0.100	1	12/08/2020 12:35	WG1588230
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/08/2020 12:35	WG1588230
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/08/2020 12:35	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 12:35	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 12:35	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 12:35	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 12:35	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 12:35	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 12:35	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 12:35	WG1588230
Ethylbenzene	0.0590	J	0.0212	0.100	1	12/08/2020 12:35	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 12:35	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 12:35	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 12:35	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 12:35	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 12:35	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 12:35	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 12:35	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 12:35	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 12:35	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 12:35	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 12:35	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 12:35	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 12:35	WG1588230
Tetrachloroethene	U		0.0280	0.100	1	12/08/2020 12:35	WG1588230
Toluene	0.257		0.0500	0.200	1	12/08/2020 12:35	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 12:35	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 12:35	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 12:35	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 12:35	WG1588230
Trichloroethene	U		0.0160	0.0400	1	12/08/2020 12:35	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 12:35	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 12:35	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 12:35	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 12:35	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 12:35	WG1588230
Vinyl chloride	U		0.0273	0.100	1	12/08/2020 12:35	WG1588230
Xylenes, Total	0.232	J	0.191	0.260	1	12/08/2020 12:35	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 12:35	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 12:35	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 12:35	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 12:35	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 12:35	WG1588230
(S) Toluene-d8	*102*			*75.0-131*		*12/08/2020 12:35*	WG1588230
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/08/2020 12:35*	WG1588230
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*12/08/2020 12:35*	WG1588230

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	879	J	594	5000	1	12/08/2020 02:25	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	4940		102	1000	1	12/04/2020 05:42	WG1585506

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	20800		28.1	100	1	12/03/2020 19:39	WG1585686
Manganese	2350		0.704	5.00	1	12/03/2020 19:39	WG1585686

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	41.0	J	31.6	100	1	12/07/2020 08:07	WG1587412
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*78.0-120*		*12/07/2020 08:07*	WG1587412

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	786		0.287	0.678	1	12/01/2020 17:37	WG1584466
Ethane	3.94		0.296	1.29	1	12/01/2020 17:37	WG1584466
Ethene	U		0.422	1.27	1	12/01/2020 17:37	WG1584466

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	6.84	C5	0.548	1.00	1	12/08/2020 13:52	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 13:52	WG1588230
Benzene	0.0250	J	0.0160	0.0400	1	12/08/2020 13:52	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 13:52	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 13:52	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 13:52	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 13:52	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 13:52	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 13:52	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 13:52	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 13:52	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 13:52	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 13:52	WG1588230
Chloroethane	U		0.0432	0.200	1	12/08/2020 13:52	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 13:52	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 13:52	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 13:52	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 13:52	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 13:52	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 13:52	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 13:52	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 13:52	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 13:52	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 13:52	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 13:52	WG1588230
1,1-Dichloroethane	U		0.0230	0.100	1	12/08/2020 13:52	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 13:52	WG1588230
1,1-Dichloroethene	U		0.0200	0.100	1	12/08/2020 13:52	WG1588230
cis-1,2-Dichloroethene	0.221		0.0276	0.100	1	12/08/2020 16:59	WG1588483
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/08/2020 13:52	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 13:52	WG1588230
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 13:52	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 13:52	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 13:52	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 13:52	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 13:52	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 13:52	WG1588230
Ethylbenzene	U		0.0212	0.100	1	12/08/2020 13:52	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 13:52	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 13:52	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 13:52	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 13:52	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 13:52	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 13:52	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 13:52	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 13:52	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 13:52	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 13:52	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 13:52	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 13:52	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 13:52	WG1588230
Tetrachloroethene	U		0.0280	0.100	1	12/08/2020 13:52	WG1588230
Toluene	0.0800	J	0.0500	0.200	1	12/08/2020 13:52	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 13:52	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 13:52	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 13:52	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 13:52	WG1588230
Trichloroethene	U		0.0160	0.0400	1	12/08/2020 13:52	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 13:52	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 13:52	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 13:52	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 13:52	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 13:52	WG1588230
Vinyl chloride	0.288		0.0273	0.100	1	12/08/2020 16:59	WG1588483
Xylenes, Total	U		0.191	0.260	1	12/08/2020 13:52	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 13:52	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 13:52	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 13:52	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 13:52	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 13:52	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 13:52*	WG1588230
(S) Toluene-d8	*99.9*			*75.0-131*		*12/08/2020 16:59*	WG1588483
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/08/2020 13:52*	WG1588230
(S) 4-Bromofluorobenzene	*99.5*			*67.0-138*		*12/08/2020 16:59*	WG1588483
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*12/08/2020 13:52*	WG1588230
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*12/08/2020 16:59*	WG1588483

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/07/2020 04:03	WG1587412
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*78.0-120*		*12/07/2020 04:03*	WG1587412

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	2.33	C5	0.548	1.00	1	12/08/2020 11:57	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 11:57	WG1588230
Benzene	U		0.0160	0.0400	1	12/08/2020 11:57	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 11:57	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 11:57	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 11:57	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 11:57	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 11:57	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 11:57	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 11:57	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 11:57	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 11:57	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 11:57	WG1588230
Chloroethane	U		0.0432	0.200	1	12/08/2020 11:57	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 11:57	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 11:57	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 11:57	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 11:57	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 11:57	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 11:57	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 11:57	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 11:57	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 11:57	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 11:57	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 11:57	WG1588230
1,1-Dichloroethane	U		0.0230	0.100	1	12/08/2020 11:57	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 11:57	WG1588230
1,1-Dichloroethene	U		0.0200	0.100	1	12/08/2020 11:57	WG1588230
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/08/2020 11:57	WG1588230
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/08/2020 11:57	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 11:57	WG1588230
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 11:57	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 11:57	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 11:57	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 11:57	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 11:57	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 11:57	WG1588230
Ethylbenzene	U		0.0212	0.100	1	12/08/2020 11:57	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 11:57	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 11:57	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 11:57	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 11:57	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 11:57	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 11:57	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 11:57	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 11:57	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 11:57	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 11:57	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 11:57	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 11:57	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 11:57	WG1588230
Tetrachloroethene	U		0.0280	0.100	1	12/08/2020 11:57	WG1588230
Toluene	U		0.0500	0.200	1	12/08/2020 11:57	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 11:57	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 11:57	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 11:57	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 11:57	WG1588230
Trichloroethene	U		0.0160	0.0400	1	12/08/2020 11:57	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 11:57	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 11:57	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 11:57	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 11:57	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 11:57	WG1588230
Vinyl chloride	U		0.0273	0.100	1	12/08/2020 11:57	WG1588230
Xylenes, Total	U		0.191	0.260	1	12/08/2020 11:57	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 11:57	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 11:57	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 11:57	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 11:57	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 11:57	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 11:57*	WG1588230
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*12/08/2020 11:57*	WG1588230
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*		*12/08/2020 11:57*	WG1588230

Method Blank (MB)

(MB) R3601301-1 12/07/20 23:32

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Sulfate	U		594	5000

L1288150-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1288150-01 12/08/20 00:04 • (DUP) R3601301-3 12/08/20 00:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
		ug/l		%		%
Sulfate		53700	10	0.639		15

L1290496-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1290496-10 12/08/20 08:01 • (DUP) R3601301-6 12/08/20 08:17

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfate	33300	33400	1	0.216		15

Laboratory Control Sample (LCS)

(LCS) R3601301-2 12/07/20 23:48

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfate	40000	40700	102	80.0-120	

L1289997-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1289997-07 12/08/20 03:15 • (MS) R3601301-4 12/08/20 03:31 • (MSD) R3601301-5 12/08/20 03:46

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	50000	1940	48600	48600	93.4	93.3	1	80.0-120			0.111	15

L1290496-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1290496-10 12/08/20 08:01 • (MS) R3601301-7 12/08/20 09:05

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Sulfate	50000	33300	81600	96.5	1	80.0-120	

Method Blank (MB)

(MB) R3601310-1 12/07/20 20:16

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Sulfate	U		594	5000

L1290496-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1290496-15 12/08/20 02:00 • (DUP) R3601310-3 12/08/20 02:13

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfate	U	U	1	0.000		15

L1291094-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1291094-03 12/08/20 06:03 • (DUP) R3601310-6 12/08/20 06:15

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfate	2450	2270	1	7.62	J	15

Laboratory Control Sample (LCS)

(LCS) R3601310-2 12/07/20 20:29

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfate	40000	40200	100	80.0-120	

L1290673-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1290673-03 12/08/20 03:29 • (MS) R3601310-4 12/08/20 03:42 • (MSD) R3601310-5 12/08/20 03:55

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	50000	2470	52800	51800	101	98.7	1	80.0-120			1.94	15

L1291094-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1291094-03 12/08/20 06:03 • (MS) R3601310-7 12/08/20 06:28

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Sulfate	50000	2450	53800	103	1	80.0-120	

Method Blank (MB)

(MB) R3600520-1 12/03/20 13:12

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	U		102	1000

L1290496-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1290496-03 12/03/20 23:09 • (DUP) R3600520-5 12/03/20 23:45

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	2890	2070	1	33.1	P1	20

L1290496-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1290496-13 12/04/20 01:58 • (DUP) R3600520-6 12/04/20 02:25

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	18600	18600	1	0.200		20

Laboratory Control Sample (LCS)

(LCS) R3600520-2 12/03/20 14:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	78600	105	85.0-115	

L1290496-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1290496-01 12/03/20 18:58 • (MS) R3600520-3 12/03/20 19:25 • (MSD) R3600520-4 12/03/20 19:51

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	5490	59400	57900	108	105	1	80.0-120			2.59	20

L1290517-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1290517-01 12/04/20 06:36 • (MS) R3600520-7 12/04/20 07:02 • (MSD) R3600520-8 12/04/20 07:29

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	1190	51100	54200	99.7	106	1	80.0-120			5.95	20

Method Blank (MB)

(MB) R3600157-1 12/03/20 16:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		28.1	100
Manganese	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3600157-2 12/03/20 16:51

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	5000	4950	99.0	80.0-120	
Manganese	50.0	47.3	94.6	80.0-120	

L1290813-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1290813-01 12/03/20 16:54 • (MS) R3600157-4 12/03/20 17:01 • (MSD) R3600157-5 12/03/20 17:04

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	5000	29.3	4740	4620	94.3	91.8	1	75.0-125			2.67	20
Manganese	50.0	2.89	49.2	49.2	92.7	92.6	1	75.0-125			0.0850	20

Method Blank (MB)

(MB) R3600883-2 12/07/20 00:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3600883-1 12/06/20 22:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5250	95.5	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*102*	*78.0-120*	

Method Blank (MB)

(MB) R3599177-2 12/01/20 15:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methane	U		0.287	0.678
Ethane	U		0.296	1.29
Ethene	U		0.422	1.27

L1290305-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1290305-07 12/01/20 16:13 • (DUP) R3599177-3 12/01/20 16:48

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1290496-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1290496-13 12/01/20 17:23 • (DUP) R3599177-4 12/01/20 17:40

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	871	891	1	2.27		20
Ethane	35.5	36.4	1	2.50		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3599177-1 12/01/20 15:27 • (LCSD) R3599177-5 12/01/20 17:44

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	67.8	63.9	67.3	94.2	99.3	85.0-115			5.18	20
Ethane	129	121	130	93.8	101	85.0-115			7.17	20
Ethene	127	119	128	93.7	101	85.0-115			7.29	20

Method Blank (MB)

(MB) R3599565-2 12/02/20 14:29

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methane	U		0.287	0.678

L1289927-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1289927-11 12/02/20 14:32 • (DUP) R3599565-3 12/02/20 15:09

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	15700	15600	10	0.639		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3599565-1 12/02/20 14:13 • (LCSD) R3599565-4 12/02/20 15:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	67.8	64.8	67.2	95.6	99.1	85.0-115			3.64	20

Method Blank (MB)

(MB) R3599080-2 11/30/20 18:59

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3599080-2 11/30/20 18:59

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3599080-1 11/30/20 17:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	34.5	138	10.0-160	
Acrylonitrile	25.0	33.3	133	45.0-153	
Benzene	5.00	5.01	100	70.0-123	
Bromobenzene	5.00	5.14	103	73.0-121	
Bromodichloromethane	5.00	5.13	103	73.0-121	
Bromoform	5.00	4.66	93.2	64.0-132	
Bromomethane	5.00	5.04	101	56.0-147	
n-Butylbenzene	5.00	4.67	93.4	68.0-135	
sec-Butylbenzene	5.00	4.89	97.8	74.0-130	
tert-Butylbenzene	5.00	4.70	94.0	75.0-127	
Carbon tetrachloride	5.00	4.97	99.4	66.0-128	
Chlorobenzene	5.00	4.55	91.0	76.0-128	
Chlorodibromomethane	5.00	4.27	85.4	74.0-127	
Chloroethane	5.00	5.82	116	61.0-134	
Chloroform	5.00	5.35	107	72.0-123	
Chloromethane	5.00	6.23	125	51.0-138	
2-Chlorotoluene	5.00	5.32	106	75.0-124	
4-Chlorotoluene	5.00	5.38	108	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.41	88.2	59.0-130	
1,2-Dibromoethane	5.00	4.73	94.6	74.0-128	
Dibromomethane	5.00	5.23	105	75.0-122	
1,2-Dichlorobenzene	5.00	4.56	91.2	76.0-124	
1,3-Dichlorobenzene	5.00	4.50	90.0	76.0-125	
1,4-Dichlorobenzene	5.00	4.65	93.0	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.90	98.0	45.0-143	
Dichlorodifluoromethane	5.00	6.10	122	43.0-156	
1,1-Dichloroethane	5.00	5.88	118	70.0-127	
1,2-Dichloroethane	5.00	5.21	104	65.0-131	
1,1-Dichloroethene	5.00	6.14	123	65.0-131	
cis-1,2-Dichloroethene	5.00	5.75	115	73.0-125	
trans-1,2-Dichloroethene	5.00	5.19	104	71.0-125	
1,2-Dichloropropane	5.00	5.34	107	74.0-125	
1,1-Dichloropropene	5.00	4.98	99.6	73.0-125	
1,3-Dichloropropane	5.00	5.22	104	80.0-125	
cis-1,3-Dichloropropene	5.00	4.91	98.2	76.0-127	
trans-1,3-Dichloropropene	5.00	5.20	104	73.0-127	
2,2-Dichloropropane	5.00	5.79	116	59.0-135	
Di-isopropyl ether	5.00	6.34	127	60.0-136	
Ethylbenzene	5.00	4.65	93.0	74.0-126	
Ethyl ether	5.00	5.69	114	64.0-137	

Laboratory Control Sample (LCS)

(LCS) R3599080-1 11/30/20 17:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	4.56	91.2	57.0-150	
Iodomethane	25.0	27.3	109	74.0-134	
Isopropylbenzene	5.00	4.38	87.6	72.0-127	
p-Isopropyltoluene	5.00	4.60	92.0	72.0-133	
2-Butanone (MEK)	25.0	30.0	120	30.0-160	
Methylene Chloride	5.00	5.66	113	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	29.4	118	56.0-143	
Methyl tert-butyl ether	5.00	5.95	119	66.0-132	
Naphthalene	5.00	3.81	76.2	59.0-130	
n-Propylbenzene	5.00	5.57	111	74.0-126	
Styrene	5.00	4.28	85.6	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.54	90.8	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	6.27	125	68.0-128	
Tetrachloroethene	5.00	4.57	91.4	70.0-136	
Tetrahydrofuran	5.00	6.80	136	37.0-146	
Toluene	5.00	4.60	92.0	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	5.31	106	61.0-139	
1,2,3-Trichlorobenzene	5.00	4.30	86.0	59.0-139	
1,2,4-Trichlorobenzene	5.00	3.83	76.6	62.0-137	
1,1,1-Trichloroethane	5.00	5.03	101	69.0-126	
1,1,2-Trichloroethane	5.00	5.06	101	78.0-123	
Trichloroethene	5.00	4.25	85.0	76.0-126	
Trichlorofluoromethane	5.00	5.56	111	61.0-142	
1,2,3-Trichloropropane	5.00	5.78	116	67.0-129	
1,2,3-Trimethylbenzene	5.00	4.69	93.8	74.0-124	
1,2,4-Trimethylbenzene	5.00	4.68	93.6	70.0-126	
1,3,5-Trimethylbenzene	5.00	5.02	100	73.0-127	
Vinyl chloride	5.00	5.39	108	63.0-134	
Xylenes, Total	15.0	12.8	85.3	72.0-127	
Allyl chloride	25.0	28.0	112	70.0-131	
(S) Toluene-d8			*104*	*75.0-131*	
(S) 4-Bromofluorobenzene			*93.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*117*	*70.0-130*	

Method Blank (MB)

(MB) R3599541-2 12/02/20 05:49

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
cis-1,2-Dichloroethene	U		0.0276	0.100
n-Propylbenzene	U		0.0472	0.200
(S) Toluene-d8	*108*			*75.0-131*
(S) 4-Bromofluorobenzene	*110*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*88.5*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3599541-1 12/02/20 05:11

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
cis-1,2-Dichloroethene	5.00	5.85	117	73.0-125	
n-Propylbenzene	5.00	4.65	93.0	74.0-126	
(S) Toluene-d8			*106*	*75.0-131*	
(S) 4-Bromofluorobenzene			*108*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*91.4*	*70.0-130*	

Method Blank (MB)

(MB) R3601407-2 12/08/20 10:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3601407-2 12/08/20 10:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	0.208	J	0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*99.7*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3601407-1 12/08/20 10:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	32.9	132	10.0-160	
Acrylonitrile	25.0	26.3	105	45.0-153	
Benzene	5.00	4.97	99.4	70.0-123	
Bromobenzene	5.00	5.27	105	73.0-121	
Bromodichloromethane	5.00	4.96	99.2	73.0-121	
Bromoform	5.00	5.36	107	64.0-132	
Bromomethane	5.00	5.16	103	56.0-147	
n-Butylbenzene	5.00	5.32	106	68.0-135	
sec-Butylbenzene	5.00	5.29	106	74.0-130	
tert-Butylbenzene	5.00	5.31	106	75.0-127	
Carbon tetrachloride	5.00	4.56	91.2	66.0-128	
Chlorobenzene	5.00	5.22	104	76.0-128	
Chlorodibromomethane	5.00	5.34	107	74.0-127	
Chloroethane	5.00	5.18	104	61.0-134	
Chloroform	5.00	5.15	103	72.0-123	
Chloromethane	5.00	6.17	123	51.0-138	
2-Chlorotoluene	5.00	5.23	105	75.0-124	
4-Chlorotoluene	5.00	5.37	107	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	5.32	106	59.0-130	
1,2-Dibromoethane	5.00	5.03	101	74.0-128	
Dibromomethane	5.00	5.04	101	75.0-122	
1,2-Dichlorobenzene	5.00	5.04	101	76.0-124	
1,3-Dichlorobenzene	5.00	5.26	105	76.0-125	
1,4-Dichlorobenzene	5.00	5.29	106	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.82	96.4	45.0-143	
Dichlorodifluoromethane	5.00	4.30	86.0	43.0-156	
1,1-Dichloroethane	5.00	5.32	106	70.0-127	
1,2-Dichloroethane	5.00	5.39	108	65.0-131	
1,1-Dichloroethene	5.00	5.62	112	65.0-131	
cis-1,2-Dichloroethene	5.00	5.16	103	73.0-125	
trans-1,2-Dichloroethene	5.00	5.00	100	71.0-125	
1,2-Dichloropropane	5.00	5.17	103	74.0-125	
1,1-Dichloropropene	5.00	5.08	102	73.0-125	
1,3-Dichloropropane	5.00	4.99	99.8	80.0-125	
cis-1,3-Dichloropropene	5.00	5.18	104	76.0-127	
trans-1,3-Dichloropropene	5.00	5.07	101	73.0-127	
2,2-Dichloropropane	5.00	5.83	117	59.0-135	
Di-isopropyl ether	5.00	5.55	111	60.0-136	
Ethylbenzene	5.00	5.07	101	74.0-126	
Ethyl ether	5.00	4.60	92.0	64.0-137	

Laboratory Control Sample (LCS)

(LCS) R3601407-1 12/08/20 10:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	5.90	118	57.0-150	
Iodomethane	25.0	27.0	108	74.0-134	
Isopropylbenzene	5.00	5.33	107	72.0-127	
p-Isopropyltoluene	5.00	5.15	103	72.0-133	
2-Butanone (MEK)	25.0	29.2	117	30.0-160	
Methylene Chloride	5.00	4.94	98.8	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	28.2	113	56.0-143	
Methyl tert-butyl ether	5.00	5.45	109	66.0-132	
Naphthalene	5.00	5.24	105	59.0-130	
n-Propylbenzene	5.00	5.31	106	74.0-126	
Styrene	5.00	5.11	102	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	5.02	100	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	5.15	103	68.0-128	
Tetrachloroethene	5.00	5.50	110	70.0-136	
Tetrahydrofuran	5.00	5.14	103	37.0-146	
Toluene	5.00	4.95	99.0	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	4.29	85.8	61.0-139	
1,2,3-Trichlorobenzene	5.00	4.97	99.4	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.97	99.4	62.0-137	
1,1,1-Trichloroethane	5.00	5.28	106	69.0-126	
1,1,2-Trichloroethane	5.00	5.10	102	78.0-123	
Trichloroethene	5.00	5.32	106	76.0-126	
Trichlorofluoromethane	5.00	4.85	97.0	61.0-142	
1,2,3-Trichloropropane	5.00	5.37	107	67.0-129	
1,2,3-Trimethylbenzene	5.00	4.97	99.4	74.0-124	
1,2,4-Trimethylbenzene	5.00	5.33	107	70.0-126	
1,3,5-Trimethylbenzene	5.00	5.27	105	73.0-127	
Vinyl chloride	5.00	5.63	113	63.0-134	
Xylenes, Total	15.0	15.7	105	72.0-127	
Allyl chloride	25.0	27.0	108	70.0-131	
(S) Toluene-d8			*99.8*	*75.0-131*	
(S) 4-Bromofluorobenzene			*101*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*104*	*70.0-130*	

Method Blank (MB)

(MB) R3601501-2 12/08/20 10:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
cis-1,2-Dichloroethene	U		0.0276	0.100
Vinyl chloride	U		0.0273	0.100
(S) Toluene-d8	*99.7*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3601501-1 12/08/20 10:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	5.00	5.16	103	73.0-125	
Vinyl chloride	5.00	5.63	113	63.0-134	
(S) Toluene-d8			*99.8*	*75.0-131*	
(S) 4-Bromofluorobenzene			*101*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*104*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C4	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Data is likely to show a low bias concerning the result.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
J	The identification of the analyte is acceptable; the reported value is an estimate.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

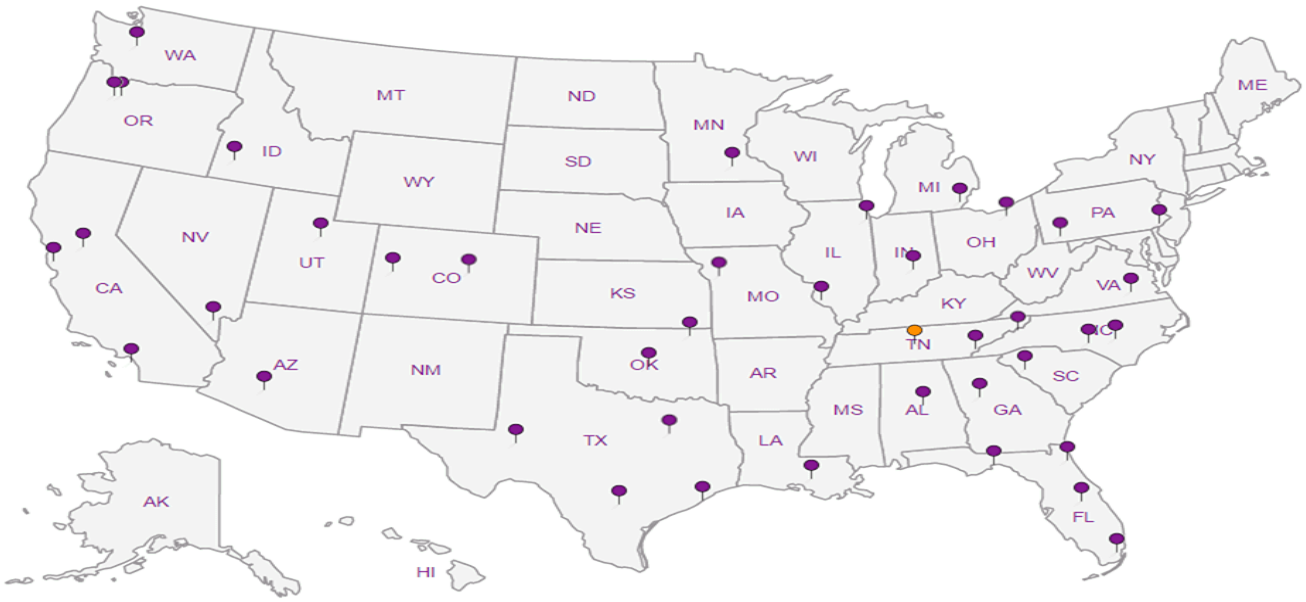
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1350
Seattle, WA 98161

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.02.SOIE

Lab Project # PESENVSWA-ALP

Collected by (print): Ben Hecht/SPK/CD

Site/Facility ID # American Linen

P.O. #

Collected by (signature):

Quote #

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed: Standard Turn around time

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	FEG 250mlHDPE-HNO3	MNG 250mlHDPE-HNO3	RSK175LL 40mlAmb-HCl	SULFATE 125mlHDPE-NoPres	TOC 250mlHDPE-HCl	V8260ULLC 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-158A-112320	Grab	GW	95'	11-23-20	1050	9	X	X	X	X	X	X		-01
MW-157-112320			75'		1320	9	X	X	X	X	X	X		-02
MW-145R-112320					1135	9	X	X	X	X	X	X		-03
MW-144R-112320					1303	9	X	X	X	X	X	X		-04
MW-343-112420				11-24-20	455	3						X		-05
SCL-MW101-112420					600	3						X		-06
FMW-137-112420					610	3						X		-07
MW-323-112420					820	8	X	X	X	X	X	X		-08
MW-943-112420					830	8	X	X	X	X	X	X		-09
W-MW-01-112420					940	8	X	X	X	X	X	X		-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 9348 1602 0830

Relinquished by : (Signature) — Date: 11/24/20 — Time: 15:15 — Received by: (Signature)

Relinquished by : (Signature) — Date: — Time: — Received by: (Signature)

Relinquished by : (Signature) — Date: — Time: — Received for lab by: (Signature) — Date: 11-25 — Time: 1030

Trip Blank Received: Yes / No HCL / MeoH TBR

Temp: 2.2,2.2,2.4 °C Bottles Received: AZ 29 117 1L

If preservation required by Login: Date/Time

Hold: — Condition: NCF / OK

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Chain of Custody Page 1 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1290456

Table # B003

Acctnum: PESENVSWA

Template: T178330

Prelogin: P811484

PM: 546 - Jared Starkey

PB:

Shipped Via:

PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1350
Seattle, WA 98161

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.02.SDI2

Lab Project # PESENVSWA-ALP

Collected by (print): Ben Hecht/SPK/CD

Site/Facility ID # American Linen

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard Turn around time

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	FEG 250mlHDPE-HNO3	MNG 250mlHDPE-HNO3	RSK175LL 40mlAmb-HCl	SULFATE 125mlHDPE-NoPres	TOC 250mlHDPE-HCl	V8260ULLC 40mlAmb-HCl	UWTPH-Gx (G120)				Remarks	Sample # (lab only)
MW-143-112420	Grab	GW	75	11-24-20	950	8	X	X	X	X	X	X						-11
MW-322-112420		GW			1015	3						X						-12
MW-142-112420		GW	45		1120	8	X	X	X	X	X	X						-13
MW-113-112420		GW			1156	8	X	X	X	X	X	X						-14
EQ-112420		GW			1215	8	X	X	X	X	X	X						-15
MW-9-112420		GW			1345	11	X	X	X	X	X	X	X					-16
TB-112420	-	GW	-	11-24-20	1430	2						X	X					-17
		GW																
		GW																
		GW																

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # U290456

Table #

Acctnum: PESENVSWA

Template: T178330

Prelogin: P811484

PM: 546 - Jared Starkey

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____

Flow ____ Other ____

Samples returned via: __ UPS _ FedEx __ Courier

Tracking # 9348 1602 0836

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	11-24-20	15:15	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No HCl / MeoH TBR

Temp: °C Bottles Received: 17

2.2-2.4 AT 20

Date: 11-27-20 Time: 1030

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

December 14, 2020

PES Environmental, Inc.- WA

Sample Delivery Group:	L1290835
Samples Received:	12/01/2020
Project Number:	1413.001.02.501E
Description:	American Linen
Site:	AMERICAN LINEN
Report To:	Brian O'Neal/Bill Haldeman
	1215 Fourth Ave., Suite 1350
	Seattle, WA 98161

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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MW-944-113020 L1290835-01 GW

Collected by: HRC / BLH | Collected date/time: 11/30/20 08:00 | Received date/time: 12/01/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	5	12/08/20 09:50	12/08/20 09:50	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585509	1	12/04/20 05:19	12/04/20 05:19	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585699	5	12/03/20 06:58	12/04/20 07:38	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584472	1	12/02/20 11:25	12/02/20 11:25	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 17:56	12/08/20 17:56	ACG	Mt. Juliet, TN

MW-945-113020 L1290835-02 GW

Collected by: HRC / BLH | Collected date/time: 11/30/20 09:15 | Received date/time: 12/01/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1586891	1	12/06/20 16:57	12/06/20 16:57	SL	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1584534	1	12/01/20 14:10	12/01/20 14:10	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585509	1	12/04/20 05:43	12/04/20 05:43	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585699	1	12/03/20 06:58	12/04/20 02:55	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1587412	1	12/07/20 08:29	12/07/20 08:29	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584472	1	12/02/20 11:28	12/02/20 11:28	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 18:15	12/08/20 18:15	ACG	Mt. Juliet, TN

MW120-113020 L1290835-03 GW

Collected by: HRC / BLH | Collected date/time: 11/30/20 11:15 | Received date/time: 12/01/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	5	12/08/20 04:20	12/08/20 04:20	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585509	1	12/04/20 05:57	12/04/20 05:57	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585699	5	12/03/20 06:58	12/04/20 07:41	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584472	1	12/02/20 11:58	12/02/20 11:58	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 18:35	12/08/20 18:35	ACG	Mt. Juliet, TN

MW-160-113020 L1290835-05 GW

Collected by: HRC / BLH | Collected date/time: 11/30/20 13:45 | Received date/time: 12/01/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	1	12/08/20 10:03	12/08/20 10:03	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585509	1	12/04/20 06:13	12/04/20 06:13	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585699	1	12/03/20 06:58	12/04/20 01:27	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585699	5	12/03/20 06:58	12/04/20 07:45	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584472	1	12/02/20 13:11	12/02/20 13:11	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 18:54	12/08/20 18:54	ACG	Mt. Juliet, TN

MW121-113020 L1290835-06 GW

Collected by: HRC / BLH | Collected date/time: 11/30/20 14:20 | Received date/time: 12/01/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1586891	1	12/06/20 17:06	12/06/20 17:06	SL	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1584534	1	12/01/20 14:22	12/01/20 14:22	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1587718	5	12/08/20 04:46	12/08/20 04:46	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1585509	1	12/04/20 06:36	12/04/20 06:36	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585699	100	12/03/20 06:58	12/04/20 08:24	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585699	50	12/03/20 06:58	12/04/20 07:48	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1587412	1	12/07/20 09:20	12/07/20 09:20	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584472	1	12/02/20 13:19	12/02/20 13:19	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 19:13	12/08/20 19:13	ACG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW-301-113020 L1290835-07 GW

Collected by: HRC / BLH
Collected date/time: 11/30/20 15:35
Received date/time: 12/01/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1586891	1	12/06/20 17:22	12/06/20 17:22	SL	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1584534	1	12/01/20 14:35	12/01/20 14:35	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1586926	1	12/04/20 23:21	12/04/20 23:21	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585699	1	12/03/20 06:58	12/04/20 01:33	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1587412	1	12/07/20 09:42	12/07/20 09:42	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584472	1	12/02/20 13:21	12/02/20 13:21	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 19:32	12/08/20 19:32	ACG	Mt. Juliet, TN

EQ-113020 L1290835-08 GW

Collected by: HRC / BLH
Collected date/time: 11/30/20 15:45
Received date/time: 12/01/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1586891	1	12/06/20 17:30	12/06/20 17:30	SL	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1584534	1	12/01/20 14:48	12/01/20 14:48	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1586926	1	12/04/20 23:34	12/04/20 23:34	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585699	1	12/03/20 06:58	12/04/20 01:36	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1587412	1	12/07/20 05:10	12/07/20 05:10	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1584472	1	12/02/20 13:36	12/02/20 13:36	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 12:55	12/08/20 12:55	BMB	Mt. Juliet, TN

TB-113020 L1290835-09 GW

Collected by: HRC / BLH
Collected date/time: 11/30/20 16:00
Received date/time: 12/01/20 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1587412	1	12/07/20 04:25	12/07/20 04:25	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 12:16	12/08/20 12:16	BMB	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	122000		2970	25000	5	12/08/2020 09:50	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1930		102	1000	1	12/04/2020 05:19	WG1585509

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5090		140	500	5	12/04/2020 07:38	WG1585699
Manganese	628		3.52	25.0	5	12/04/2020 07:38	WG1585699

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	124		0.287	0.678	1	12/02/2020 11:25	WG1584472
Ethane	3.29		0.296	1.29	1	12/02/2020 11:25	WG1584472
Ethene	U		0.422	1.27	1	12/02/2020 11:25	WG1584472

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	2.21	C5	0.548	1.00	1	12/08/2020 17:56	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 17:56	WG1588230
Benzene	0.0580		0.0160	0.0400	1	12/08/2020 17:56	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 17:56	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 17:56	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 17:56	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 17:56	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 17:56	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 17:56	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 17:56	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 17:56	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 17:56	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 17:56	WG1588230
Chloroethane	U		0.0432	0.200	1	12/08/2020 17:56	WG1588230
Chloroform	0.0590	J	0.0166	0.100	1	12/08/2020 17:56	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 17:56	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 17:56	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 17:56	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 17:56	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 17:56	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 17:56	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 17:56	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 17:56	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 17:56	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 17:56	WG1588230
1,1-Dichloroethane	2.15		0.0230	0.100	1	12/08/2020 17:56	WG1588230
1,2-Dichloroethane	0.502		0.0190	0.100	1	12/08/2020 17:56	WG1588230
1,1-Dichloroethene	0.557		0.0200	0.100	1	12/08/2020 17:56	WG1588230
cis-1,2-Dichloroethene	37.0		0.0276	0.100	1	12/08/2020 17:56	WG1588230
trans-1,2-Dichloroethene	0.196	J	0.0572	0.200	1	12/08/2020 17:56	WG1588230
1,2-Dichloropropane	0.933		0.0508	0.200	1	12/08/2020 17:56	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 17:56	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 17:56	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 17:56	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 17:56	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 17:56	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 17:56	WG1588230
Ethylbenzene	U		0.0212	0.100	1	12/08/2020 17:56	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 17:56	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 17:56	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 17:56	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 17:56	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 17:56	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 17:56	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 17:56	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 17:56	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 17:56	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 17:56	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 17:56	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 17:56	WG1588230
1,1,2-Trichlorotrifluoroethane	0.338		0.0270	0.100	1	12/08/2020 17:56	WG1588230
Tetrachloroethene	44.4		0.0280	0.100	1	12/08/2020 17:56	WG1588230
Toluene	0.172	J	0.0500	0.200	1	12/08/2020 17:56	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 17:56	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 17:56	WG1588230
1,1,1-Trichloroethane	0.179		0.0110	0.100	1	12/08/2020 17:56	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 17:56	WG1588230
Trichloroethene	16.2		0.0160	0.0400	1	12/08/2020 17:56	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 17:56	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 17:56	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 17:56	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 17:56	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 17:56	WG1588230
Vinyl chloride	1.52		0.0273	0.100	1	12/08/2020 17:56	WG1588230
Xylenes, Total	0.376		0.191	0.260	1	12/08/2020 17:56	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 17:56	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 17:56	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 17:56	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 17:56	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 17:56	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 17:56*	WG1588230
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*		*12/08/2020 17:56*	WG1588230
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*12/08/2020 17:56*	WG1588230

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	152000		8450	20000	1	12/06/2020 16:57	WG1586891

Sample Narrative:

L1290835-02 WG1586891: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	28700		379	1000	1	12/01/2020 14:10	WG1584534
Nitrate	4000		48.0	100	1	12/01/2020 14:10	WG1584534
Sulfate	25500		594	5000	1	12/01/2020 14:10	WG1584534

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2720		102	1000	1	12/04/2020 05:43	WG1585509

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	149		28.1	100	1	12/04/2020 02:55	WG1585699
Manganese	6.85	B	0.704	5.00	1	12/04/2020 02:55	WG1585699

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/07/2020 08:29	WG1587412
(S) a,a,a-Trifluorotoluene(FID)	*96.3*			*78.0-120*		*12/07/2020 08:29*	WG1587412

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		0.287	0.678	1	12/02/2020 11:28	WG1584472
Ethane	U		0.296	1.29	1	12/02/2020 11:28	WG1584472
Ethene	U		0.422	1.27	1	12/02/2020 11:28	WG1584472

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	12/08/2020 18:15	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 18:15	WG1588230
Benzene	U		0.0160	0.0400	1	12/08/2020 18:15	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 18:15	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 18:15	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 18:15	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 18:15	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 18:15	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 18:15	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 18:15	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 18:15	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 18:15	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 18:15	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloroethane	U		0.0432	0.200	1	12/08/2020 18:15	WG1588230
Chloroform	0.515		0.0166	0.100	1	12/08/2020 18:15	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 18:15	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 18:15	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 18:15	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 18:15	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 18:15	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 18:15	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 18:15	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 18:15	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 18:15	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 18:15	WG1588230
1,1-Dichloroethane	U		0.0230	0.100	1	12/08/2020 18:15	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 18:15	WG1588230
1,1-Dichloroethene	U		0.0200	0.100	1	12/08/2020 18:15	WG1588230
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/08/2020 18:15	WG1588230
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/08/2020 18:15	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 18:15	WG1588230
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 18:15	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 18:15	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 18:15	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 18:15	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 18:15	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 18:15	WG1588230
Ethylbenzene	U		0.0212	0.100	1	12/08/2020 18:15	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 18:15	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 18:15	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 18:15	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 18:15	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 18:15	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 18:15	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 18:15	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 18:15	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 18:15	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 18:15	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 18:15	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 18:15	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 18:15	WG1588230
Tetrachloroethene	1.94		0.0280	0.100	1	12/08/2020 18:15	WG1588230
Toluene	U		0.0500	0.200	1	12/08/2020 18:15	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 18:15	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 18:15	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 18:15	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 18:15	WG1588230
Trichloroethene	0.156		0.0160	0.0400	1	12/08/2020 18:15	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 18:15	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 18:15	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 18:15	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 18:15	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 18:15	WG1588230
Vinyl chloride	U		0.0273	0.100	1	12/08/2020 18:15	WG1588230
Xylenes, Total	0.202	J	0.191	0.260	1	12/08/2020 18:15	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 18:15	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 18:15	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 18:15	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 18:15	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 18:15	WG1588230
(S) Toluene-d8	*102*			*75.0-131*		*12/08/2020 18:15*	WG1588230
(S) 4-Bromofluorobenzene	*99.3*			*67.0-138*		*12/08/2020 18:15*	WG1588230
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/08/2020 18:15*	WG1588230

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	121000		2970	25000	5	12/08/2020 04:20	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1700		102	1000	1	12/04/2020 05:57	WG1585509

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5450		140	500	5	12/04/2020 07:41	WG1585699
Manganese	611		3.52	25.0	5	12/04/2020 07:41	WG1585699

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	87.5		0.287	0.678	1	12/02/2020 11:58	WG1584472
Ethane	U		0.296	1.29	1	12/02/2020 11:58	WG1584472
Ethene	U		0.422	1.27	1	12/02/2020 11:58	WG1584472

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.06	C5	0.548	1.00	1	12/08/2020 18:35	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 18:35	WG1588230
Benzene	0.0560		0.0160	0.0400	1	12/08/2020 18:35	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 18:35	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 18:35	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 18:35	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 18:35	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 18:35	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 18:35	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 18:35	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 18:35	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 18:35	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 18:35	WG1588230
Chloroethane	U		0.0432	0.200	1	12/08/2020 18:35	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 18:35	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 18:35	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 18:35	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 18:35	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 18:35	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 18:35	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 18:35	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 18:35	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 18:35	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 18:35	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 18:35	WG1588230
1,1-Dichloroethane	2.17		0.0230	0.100	1	12/08/2020 18:35	WG1588230
1,2-Dichloroethane	0.511		0.0190	0.100	1	12/08/2020 18:35	WG1588230
1,1-Dichloroethene	0.565		0.0200	0.100	1	12/08/2020 18:35	WG1588230
cis-1,2-Dichloroethene	36.6		0.0276	0.100	1	12/08/2020 18:35	WG1588230
trans-1,2-Dichloroethene	0.188	J	0.0572	0.200	1	12/08/2020 18:35	WG1588230
1,2-Dichloropropane	0.781		0.0508	0.200	1	12/08/2020 18:35	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 18:35	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 18:35	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 18:35	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 18:35	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 18:35	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 18:35	WG1588230
Ethylbenzene	0.0660	J	0.0212	0.100	1	12/08/2020 18:35	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 18:35	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 18:35	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 18:35	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 18:35	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 18:35	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 18:35	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 18:35	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 18:35	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 18:35	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 18:35	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 18:35	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 18:35	WG1588230
1,1,2-Trichlorotrifluoroethane	0.321		0.0270	0.100	1	12/08/2020 18:35	WG1588230
Tetrachloroethene	39.3		0.0280	0.100	1	12/08/2020 18:35	WG1588230
Toluene	0.208		0.0500	0.200	1	12/08/2020 18:35	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 18:35	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 18:35	WG1588230
1,1,1-Trichloroethane	0.164		0.0110	0.100	1	12/08/2020 18:35	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 18:35	WG1588230
Trichloroethene	15.6		0.0160	0.0400	1	12/08/2020 18:35	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 18:35	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 18:35	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 18:35	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 18:35	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 18:35	WG1588230
Vinyl chloride	1.47		0.0273	0.100	1	12/08/2020 18:35	WG1588230
Xylenes, Total	0.435		0.191	0.260	1	12/08/2020 18:35	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 18:35	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 18:35	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 18:35	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 18:35	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 18:35	WG1588230
(S) Toluene-d8	*99.9*			*75.0-131*		*12/08/2020 18:35*	WG1588230
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*		*12/08/2020 18:35*	WG1588230
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/08/2020 18:35*	WG1588230

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	3650	J	594	5000	1	12/08/2020 10:03	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1660		102	1000	1	12/04/2020 06:13	WG1585509

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	937		28.1	100	1	12/04/2020 01:27	WG1585699
Manganese	453		3.52	25.0	5	12/04/2020 07:45	WG1585699

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	318		0.287	0.678	1	12/02/2020 13:11	WG1584472
Ethane	U		0.296	1.29	1	12/02/2020 13:11	WG1584472
Ethene	U		0.422	1.27	1	12/02/2020 13:11	WG1584472

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.67	C5	0.548	1.00	1	12/08/2020 18:54	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 18:54	WG1588230
Benzene	U		0.0160	0.0400	1	12/08/2020 18:54	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 18:54	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 18:54	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 18:54	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 18:54	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 18:54	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 18:54	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 18:54	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 18:54	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 18:54	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 18:54	WG1588230
Chloroethane	1.31		0.0432	0.200	1	12/08/2020 18:54	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 18:54	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 18:54	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 18:54	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 18:54	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 18:54	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 18:54	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 18:54	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 18:54	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 18:54	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 18:54	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 18:54	WG1588230
1,1-Dichloroethane	U		0.0230	0.100	1	12/08/2020 18:54	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 18:54	WG1588230
1,1-Dichloroethene	0.483		0.0200	0.100	1	12/08/2020 18:54	WG1588230
cis-1,2-Dichloroethene	43.2		0.0276	0.100	1	12/08/2020 18:54	WG1588230
trans-1,2-Dichloroethene	0.228		0.0572	0.200	1	12/08/2020 18:54	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 18:54	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 18:54	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 18:54	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 18:54	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 18:54	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 18:54	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 18:54	WG1588230
Ethylbenzene	0.108		0.0212	0.100	1	12/08/2020 18:54	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 18:54	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 18:54	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 18:54	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 18:54	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 18:54	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 18:54	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 18:54	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 18:54	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 18:54	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 18:54	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 18:54	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 18:54	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 18:54	WG1588230
Tetrachloroethene	0.828		0.0280	0.100	1	12/08/2020 18:54	WG1588230
Toluene	0.177	J	0.0500	0.200	1	12/08/2020 18:54	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 18:54	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 18:54	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 18:54	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 18:54	WG1588230
Trichloroethene	10.2		0.0160	0.0400	1	12/08/2020 18:54	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 18:54	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 18:54	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 18:54	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 18:54	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 18:54	WG1588230
Vinyl chloride	3.59		0.0273	0.100	1	12/08/2020 18:54	WG1588230
Xylenes, Total	0.827		0.191	0.260	1	12/08/2020 18:54	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 18:54	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 18:54	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 18:54	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 18:54	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 18:54	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 18:54*	WG1588230
(S) 4-Bromofluorobenzene	*99.9*			*67.0-138*		*12/08/2020 18:54*	WG1588230
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*12/08/2020 18:54*	WG1588230

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	829000		8450	20000	1	12/06/2020 17:06	WG1586891

Sample Narrative:

L1290835-06 WG1586891: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	14100		379	1000	1	12/01/2020 14:22	WG1584534
Nitrate	U		48.0	100	1	12/01/2020 14:22	WG1584534
Sulfate	184000		2970	25000	5	12/08/2020 04:46	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	15300		102	1000	1	12/04/2020 06:36	WG1585509

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	31000		1400	5000	50	12/04/2020 07:48	WG1585699
Manganese	11500		70.4	500	100	12/04/2020 08:24	WG1585699

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/07/2020 09:20	WG1587412
(S) a,a,a-Trifluorotoluene(FID)	*95.5*			*78.0-120*		*12/07/2020 09:20*	WG1587412

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	3100		0.287	0.678	1	12/02/2020 13:19	WG1584472
Ethane	16.4		0.296	1.29	1	12/02/2020 13:19	WG1584472
Ethene	U		0.422	1.27	1	12/02/2020 13:19	WG1584472

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	5.49	C5	0.548	1.00	1	12/08/2020 19:13	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 19:13	WG1588230
Benzene	0.0290	J	0.0160	0.0400	1	12/08/2020 19:13	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 19:13	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 19:13	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 19:13	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 19:13	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 19:13	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 19:13	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 19:13	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 19:13	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 19:13	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 19:13	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloroethane	U		0.0432	0.200	1	12/08/2020 19:13	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 19:13	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 19:13	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 19:13	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 19:13	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 19:13	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 19:13	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 19:13	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 19:13	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 19:13	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 19:13	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 19:13	WG1588230
1,1-Dichloroethane	0.0320	J	0.0230	0.100	1	12/08/2020 19:13	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 19:13	WG1588230
1,1-Dichloroethene	U		0.0200	0.100	1	12/08/2020 19:13	WG1588230
cis-1,2-Dichloroethene	0.193		0.0276	0.100	1	12/08/2020 19:13	WG1588230
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/08/2020 19:13	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 19:13	WG1588230
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 19:13	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 19:13	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 19:13	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 19:13	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 19:13	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 19:13	WG1588230
Ethylbenzene	0.0410	J	0.0212	0.100	1	12/08/2020 19:13	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 19:13	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 19:13	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 19:13	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 19:13	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 19:13	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 19:13	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 19:13	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 19:13	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 19:13	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 19:13	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 19:13	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 19:13	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 19:13	WG1588230
Tetrachloroethene	U		0.0280	0.100	1	12/08/2020 19:13	WG1588230
Toluene	0.0670	J	0.0500	0.200	1	12/08/2020 19:13	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 19:13	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 19:13	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 19:13	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 19:13	WG1588230
Trichloroethene	U		0.0160	0.0400	1	12/08/2020 19:13	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 19:13	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 19:13	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 19:13	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 19:13	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 19:13	WG1588230
Vinyl chloride	1.73		0.0273	0.100	1	12/08/2020 19:13	WG1588230
Xylenes, Total	0.272		0.191	0.260	1	12/08/2020 19:13	WG1588230
Ethyl Ether	0.199		0.0170	0.100	1	12/08/2020 19:13	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 19:13	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 19:13	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 19:13	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 19:13	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 19:13*	WG1588230
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*12/08/2020 19:13*	WG1588230
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*12/08/2020 19:13*	WG1588230

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	150000		8450	20000	1	12/06/2020 17:22	WG1586891

Sample Narrative:

L1290835-07 WG1586891: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	28800		379	1000	1	12/01/2020 14:35	WG1584534
Nitrate	4010		48.0	100	1	12/01/2020 14:35	WG1584534
Sulfate	25500		594	5000	1	12/01/2020 14:35	WG1584534

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2810	B	102	1000	1	12/04/2020 23:21	WG1586926

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	413		28.1	100	1	12/04/2020 01:33	WG1585699
Manganese	15.0	B	0.704	5.00	1	12/04/2020 01:33	WG1585699

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/07/2020 09:42	WG1587412
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*78.0-120*		*12/07/2020 09:42*	WG1587412

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	10.4		0.287	0.678	1	12/02/2020 13:21	WG1584472
Ethane	U		0.296	1.29	1	12/02/2020 13:21	WG1584472
Ethene	U		0.422	1.27	1	12/02/2020 13:21	WG1584472

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.25	C5	0.548	1.00	1	12/08/2020 19:32	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 19:32	WG1588230
Benzene	U		0.0160	0.0400	1	12/08/2020 19:32	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 19:32	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 19:32	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 19:32	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 19:32	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 19:32	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 19:32	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 19:32	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 19:32	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 19:32	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 19:32	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloroethane	U		0.0432	0.200	1	12/08/2020 19:32	WG1588230
Chloroform	0.524		0.0166	0.100	1	12/08/2020 19:32	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 19:32	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 19:32	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 19:32	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 19:32	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 19:32	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 19:32	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 19:32	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 19:32	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 19:32	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 19:32	WG1588230
1,1-Dichloroethane	U		0.0230	0.100	1	12/08/2020 19:32	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 19:32	WG1588230
1,1-Dichloroethene	U		0.0200	0.100	1	12/08/2020 19:32	WG1588230
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/08/2020 19:32	WG1588230
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/08/2020 19:32	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 19:32	WG1588230
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 19:32	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 19:32	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 19:32	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 19:32	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 19:32	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 19:32	WG1588230
Ethylbenzene	U		0.0212	0.100	1	12/08/2020 19:32	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 19:32	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 19:32	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 19:32	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 19:32	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 19:32	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 19:32	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 19:32	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 19:32	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 19:32	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 19:32	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 19:32	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 19:32	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 19:32	WG1588230
Tetrachloroethene	1.96		0.0280	0.100	1	12/08/2020 19:32	WG1588230
Toluene	U		0.0500	0.200	1	12/08/2020 19:32	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 19:32	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 19:32	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 19:32	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 19:32	WG1588230
Trichloroethene	0.157		0.0160	0.0400	1	12/08/2020 19:32	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 19:32	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 19:32	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 19:32	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 19:32	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 19:32	WG1588230
Vinyl chloride	U		0.0273	0.100	1	12/08/2020 19:32	WG1588230
Xylenes, Total	0.196	J	0.191	0.260	1	12/08/2020 19:32	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 19:32	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 19:32	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 19:32	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 19:32	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 19:32	WG1588230
(S) Toluene-d8	*100*			*75.0-131*		*12/08/2020 19:32*	WG1588230
(S) 4-Bromofluorobenzene	*98.8*			*67.0-138*		*12/08/2020 19:32*	WG1588230
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*12/08/2020 19:32*	WG1588230

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	U		8450	20000	1	12/06/2020 17:30	WG1586891

Sample Narrative:

L1290835-08 WG1586891: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	U		379	1000	1	12/01/2020 14:48	WG1584534
Nitrate	50.0	J	48.0	100	1	12/01/2020 14:48	WG1584534
Sulfate	U		594	5000	1	12/01/2020 14:48	WG1584534

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	689	B J	102	1000	1	12/04/2020 23:34	WG1586926

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	28.9	J	28.1	100	1	12/04/2020 01:36	WG1585699
Manganese	5.55	B	0.704	5.00	1	12/04/2020 01:36	WG1585699

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/07/2020 05:10	WG1587412
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*78.0-120*		*12/07/2020 05:10*	WG1587412

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		0.287	0.678	1	12/02/2020 13:36	WG1584472
Ethane	U		0.296	1.29	1	12/02/2020 13:36	WG1584472
Ethene	U		0.422	1.27	1	12/02/2020 13:36	WG1584472

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	2.43	C5	0.548	1.00	1	12/08/2020 12:55	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 12:55	WG1588230
Benzene	U		0.0160	0.0400	1	12/08/2020 12:55	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 12:55	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 12:55	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 12:55	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 12:55	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 12:55	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 12:55	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 12:55	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 12:55	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 12:55	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 12:55	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloroethane	U		0.0432	0.200	1	12/08/2020 12:55	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 12:55	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 12:55	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 12:55	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 12:55	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 12:55	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 12:55	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 12:55	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 12:55	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 12:55	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 12:55	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 12:55	WG1588230
1,1-Dichloroethane	U		0.0230	0.100	1	12/08/2020 12:55	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 12:55	WG1588230
1,1-Dichloroethene	U		0.0200	0.100	1	12/08/2020 12:55	WG1588230
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/08/2020 12:55	WG1588230
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/08/2020 12:55	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 12:55	WG1588230
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 12:55	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 12:55	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 12:55	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 12:55	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 12:55	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 12:55	WG1588230
Ethylbenzene	U		0.0212	0.100	1	12/08/2020 12:55	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 12:55	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 12:55	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 12:55	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 12:55	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 12:55	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 12:55	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 12:55	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 12:55	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 12:55	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 12:55	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 12:55	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 12:55	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 12:55	WG1588230
Tetrachloroethene	U		0.0280	0.100	1	12/08/2020 12:55	WG1588230
Toluene	U		0.0500	0.200	1	12/08/2020 12:55	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 12:55	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 12:55	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 12:55	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 12:55	WG1588230
Trichloroethene	U		0.0160	0.0400	1	12/08/2020 12:55	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 12:55	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 12:55	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 12:55	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 12:55	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 12:55	WG1588230
Vinyl chloride	U		0.0273	0.100	1	12/08/2020 12:55	WG1588230
Xylenes, Total	U		0.191	0.260	1	12/08/2020 12:55	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 12:55	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 12:55	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 12:55	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 12:55	WG1588230

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 12:55	WG1588230
(S) Toluene-d8	*100*			*75.0-131*		*12/08/2020 12:55*	WG1588230
(S) 4-Bromofluorobenzene	*99.1*			*67.0-138*		*12/08/2020 12:55*	WG1588230
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/08/2020 12:55*	WG1588230

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/07/2020 04:25	WG1587412
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*78.0-120*		*12/07/2020 04:25*	WG1587412

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	12/08/2020 12:16	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 12:16	WG1588230
Benzene	U		0.0160	0.0400	1	12/08/2020 12:16	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 12:16	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 12:16	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 12:16	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 12:16	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 12:16	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 12:16	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 12:16	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 12:16	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 12:16	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 12:16	WG1588230
Chloroethane	U		0.0432	0.200	1	12/08/2020 12:16	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 12:16	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 12:16	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 12:16	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 12:16	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 12:16	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 12:16	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 12:16	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 12:16	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 12:16	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 12:16	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 12:16	WG1588230
1,1-Dichloroethane	U		0.0230	0.100	1	12/08/2020 12:16	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 12:16	WG1588230
1,1-Dichloroethene	U		0.0200	0.100	1	12/08/2020 12:16	WG1588230
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/08/2020 12:16	WG1588230
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/08/2020 12:16	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 12:16	WG1588230
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 12:16	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 12:16	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 12:16	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 12:16	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 12:16	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 12:16	WG1588230
Ethylbenzene	U		0.0212	0.100	1	12/08/2020 12:16	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 12:16	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 12:16	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 12:16	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 12:16	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 12:16	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 12:16	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 12:16	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 12:16	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 12:16	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 12:16	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 12:16	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 12:16	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 12:16	WG1588230
Tetrachloroethene	U		0.0280	0.100	1	12/08/2020 12:16	WG1588230
Toluene	U		0.0500	0.200	1	12/08/2020 12:16	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 12:16	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 12:16	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 12:16	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 12:16	WG1588230
Trichloroethene	U		0.0160	0.0400	1	12/08/2020 12:16	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 12:16	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 12:16	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 12:16	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 12:16	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 12:16	WG1588230
Vinyl chloride	U		0.0273	0.100	1	12/08/2020 12:16	WG1588230
Xylenes, Total	U		0.191	0.260	1	12/08/2020 12:16	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 12:16	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 12:16	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 12:16	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 12:16	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 12:16	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 12:16*	WG1588230
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/08/2020 12:16*	WG1588230
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*12/08/2020 12:16*	WG1588230

Method Blank (MB)

(MB) R3600896-1 12/06/20 15:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Alkalinity	U		8450	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1290278-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1290278-01 12/06/20 16:06 • (DUP) R3600896-2 12/06/20 16:13

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	531000	526000	1	0.884		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1291231-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1291231-01 12/06/20 18:45 • (DUP) R3600896-4 12/06/20 18:52

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	86800	86600	1	0.214		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3600896-3 12/06/20 17:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	100000	100	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R3599505-1 12/01/20 09:50

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloride	U		379	1000
Nitrate	U		48.0	100
Sulfate	U		594	5000

L1285469-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1285469-08 12/01/20 15:52 • (DUP) R3599505-3 12/01/20 16:05

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	2270000	2340000	50	2.94		15
Nitrate	U	U	50	0.000		15
Sulfate	U	U	50	0.000		15

L1290835-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1290835-07 12/01/20 14:35 • (DUP) R3599505-6 12/01/20 18:13

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	28800	29200	1	1.50		15
Nitrate	4010	4080	1	1.73		15
Sulfate	25500	26000	1	1.82		15

Laboratory Control Sample (LCS)

(LCS) R3599505-2 12/01/20 10:03

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	38700	96.8	80.0-120	
Nitrate	8000	7970	99.6	80.0-120	
Sulfate	40000	39500	98.8	80.0-120	

L1290517-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1290517-01 12/01/20 16:17 • (MS) R3599505-4 12/01/20 16:30 • (MSD) R3599505-5 12/01/20 16:43

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50000	20700	72300	71500	103	102	1	80.0-120			1.00	15
Nitrate	5000	2980	8480	8420	110	109	1	80.0-120			0.806	15
Sulfate	50000	29200	81600	80600	105	103	1	80.0-120			1.22	15

L1290835-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1290835-08 12/01/20 14:48 • (MS) R3599505-7 12/01/20 18:26

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	U	51200	102	1	80.0-120	
Nitrate	5000	50.0	5210	103	1	80.0-120	
Sulfate	50000	U	52000	104	1	80.0-120	

Method Blank (MB)

(MB) R3601310-1 12/07/20 20:16

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Sulfate	U		594	5000

L1290496-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1290496-15 12/08/20 02:00 • (DUP) R3601310-3 12/08/20 02:13

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfate	U	U	1	0.000		15

L1291094-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1291094-03 12/08/20 06:03 • (DUP) R3601310-6 12/08/20 06:15

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfate	2450	2270	1	7.62	J	15

Laboratory Control Sample (LCS)

(LCS) R3601310-2 12/07/20 20:29

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfate	40000	40200	100	80.0-120	

L1290673-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1290673-03 12/08/20 03:29 • (MS) R3601310-4 12/08/20 03:42 • (MSD) R3601310-5 12/08/20 03:55

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	50000	2470	52800	51800	101	98.7	1	80.0-120			1.94	15

L1291094-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1291094-03 12/08/20 06:03 • (MS) R3601310-7 12/08/20 06:28

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Sulfate	50000	2450	53800	103	1	80.0-120	

Method Blank (MB)

(MB) R3600546-1 12/03/20 10:58

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	141	J	102	1000

L1290620-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1290620-01 12/04/20 02:05 • (DUP) R3600546-7 12/04/20 02:27

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	6790	6690	1	1.47		20

Laboratory Control Sample (LCS)

(LCS) R3600546-2 12/03/20 11:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	77700	104	85.0-115	

L1289997-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1289997-12 12/03/20 21:07 • (MS) R3600546-3 12/03/20 21:36 • (MSD) R3600546-4 12/03/20 21:59

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	7280	61600	63000	109	111	1	80.0-120			2.17	20



Method Blank (MB)

(MB) R3600690-1 12/04/20 21:53

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	865	J	102	1000

L1290884-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1290884-05 12/05/20 02:57 • (DUP) R3600690-5 12/05/20 03:21

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	17900	17200	1	4.04		20

Original Sample (OS) • Duplicate (DUP)

(OS) • (DUP) R3600690-6 12/05/20 05:04

Analyte	Original Result	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)		1050	1	6.92		20

Laboratory Control Sample (LCS)

(LCS) R3600690-2 12/04/20 22:30

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	74600	99.4	85.0-115	

L1290835-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1290835-08 12/04/20 23:34 • (MS) R3600690-3 12/05/20 00:02

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
TOC (Total Organic Carbon)	50000	689	48700	96.0	1	80.0-120	

L1290835-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1290835-08 12/04/20 23:34 • (MS) R3600690-4 12/05/20 00:28

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
TOC (Total Organic Carbon)	50000	689	49000	96.5	1	80.0-120	

Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) • (MS) R3600690-7 12/05/20 07:46 • (MSD) R3600690-8 12/05/20 08:15

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l		ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	50000		59500	61500	114	118	1	80.0-120			3.19	20

Method Blank (MB)

(MB) R3600234-1 12/04/20 01:50

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		28.1	100
Manganese	2.11	J	0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3600234-2 12/04/20 01:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	5000	4740	94.8	80.0-120	
Manganese	50.0	49.6	99.1	80.0-120	

L1290673-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1290673-03 12/04/20 01:56 • (MS) R3600234-4 12/04/20 02:03 • (MSD) R3600234-5 12/04/20 02:06

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	5000	144	4950	4840	96.1	94.0	1	75.0-125			2.11	20
Manganese	50.0	6.82	53.8	52.8	94.0	92.0	1	75.0-125			1.92	20

Method Blank (MB)

(MB) R3600883-2 12/07/20 00:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*95.8*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3600883-1 12/06/20 22:47

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5250	95.5	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*102*	*78.0-120*	

Method Blank (MB)

(MB) R3599515-2 12/02/20 11:13

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		0.287	0.678
Ethane	U		0.296	1.29
Ethene	U		0.422	1.27

L1290736-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1290736-02 12/02/20 11:22 • (DUP) R3599515-3 12/02/20 13:39

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	818	848	1	3.60		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3599515-1 12/02/20 11:10 • (LCSD) R3599515-4 12/02/20 14:13

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	73.5	64.8	108	95.6	85.0-115			12.6	20
Ethane	129	130	126	101	97.7	85.0-115			3.12	20
Ethene	127	127	124	100	97.6	85.0-115			2.39	20

Method Blank (MB)

(MB) R3601407-2 12/08/20 10:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3601407-2 12/08/20 10:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	0.208	J	0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*99.7*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3601407-1 12/08/20 10:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	32.9	132	10.0-160	
Acrylonitrile	25.0	26.3	105	45.0-153	
Benzene	5.00	4.97	99.4	70.0-123	
Bromobenzene	5.00	5.27	105	73.0-121	
Bromodichloromethane	5.00	4.96	99.2	73.0-121	
Bromoform	5.00	5.36	107	64.0-132	
Bromomethane	5.00	5.16	103	56.0-147	
n-Butylbenzene	5.00	5.32	106	68.0-135	
sec-Butylbenzene	5.00	5.29	106	74.0-130	
tert-Butylbenzene	5.00	5.31	106	75.0-127	
Carbon tetrachloride	5.00	4.56	91.2	66.0-128	
Chlorobenzene	5.00	5.22	104	76.0-128	
Chlorodibromomethane	5.00	5.34	107	74.0-127	
Chloroethane	5.00	5.18	104	61.0-134	
Chloroform	5.00	5.15	103	72.0-123	
Chloromethane	5.00	6.17	123	51.0-138	
2-Chlorotoluene	5.00	5.23	105	75.0-124	
4-Chlorotoluene	5.00	5.37	107	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	5.32	106	59.0-130	
1,2-Dibromoethane	5.00	5.03	101	74.0-128	
Dibromomethane	5.00	5.04	101	75.0-122	
1,2-Dichlorobenzene	5.00	5.04	101	76.0-124	
1,3-Dichlorobenzene	5.00	5.26	105	76.0-125	
1,4-Dichlorobenzene	5.00	5.29	106	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.82	96.4	45.0-143	
Dichlorodifluoromethane	5.00	4.30	86.0	43.0-156	
1,1-Dichloroethane	5.00	5.32	106	70.0-127	
1,2-Dichloroethane	5.00	5.39	108	65.0-131	
1,1-Dichloroethene	5.00	5.62	112	65.0-131	
cis-1,2-Dichloroethene	5.00	5.16	103	73.0-125	
trans-1,2-Dichloroethene	5.00	5.00	100	71.0-125	
1,2-Dichloropropane	5.00	5.17	103	74.0-125	
1,1-Dichloropropene	5.00	5.08	102	73.0-125	
1,3-Dichloropropane	5.00	4.99	99.8	80.0-125	
cis-1,3-Dichloropropene	5.00	5.18	104	76.0-127	
trans-1,3-Dichloropropene	5.00	5.07	101	73.0-127	
2,2-Dichloropropane	5.00	5.83	117	59.0-135	
Di-isopropyl ether	5.00	5.55	111	60.0-136	
Ethylbenzene	5.00	5.07	101	74.0-126	
Ethyl ether	5.00	4.60	92.0	64.0-137	

Laboratory Control Sample (LCS)

(LCS) R3601407-1 12/08/20 10:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	5.90	118	57.0-150	
Iodomethane	25.0	27.0	108	74.0-134	
Isopropylbenzene	5.00	5.33	107	72.0-127	
p-Isopropyltoluene	5.00	5.15	103	72.0-133	
2-Butanone (MEK)	25.0	29.2	117	30.0-160	
Methylene Chloride	5.00	4.94	98.8	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	28.2	113	56.0-143	
Methyl tert-butyl ether	5.00	5.45	109	66.0-132	
Naphthalene	5.00	5.24	105	59.0-130	
n-Propylbenzene	5.00	5.31	106	74.0-126	
Styrene	5.00	5.11	102	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	5.02	100	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	5.15	103	68.0-128	
Tetrachloroethene	5.00	5.50	110	70.0-136	
Tetrahydrofuran	5.00	5.14	103	37.0-146	
Toluene	5.00	4.95	99.0	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	4.29	85.8	61.0-139	
1,2,3-Trichlorobenzene	5.00	4.97	99.4	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.97	99.4	62.0-137	
1,1,1-Trichloroethane	5.00	5.28	106	69.0-126	
1,1,2-Trichloroethane	5.00	5.10	102	78.0-123	
Trichloroethene	5.00	5.32	106	76.0-126	
Trichlorofluoromethane	5.00	4.85	97.0	61.0-142	
1,2,3-Trichloropropane	5.00	5.37	107	67.0-129	
1,2,3-Trimethylbenzene	5.00	4.97	99.4	74.0-124	
1,2,4-Trimethylbenzene	5.00	5.33	107	70.0-126	
1,3,5-Trimethylbenzene	5.00	5.27	105	73.0-127	
Vinyl chloride	5.00	5.63	113	63.0-134	
Xylenes, Total	15.0	15.7	105	72.0-127	
Allyl chloride	25.0	27.0	108	70.0-131	
(S) Toluene-d8			*99.8*	*75.0-131*	
(S) 4-Bromofluorobenzene			*101*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*104*	*70.0-130*	

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

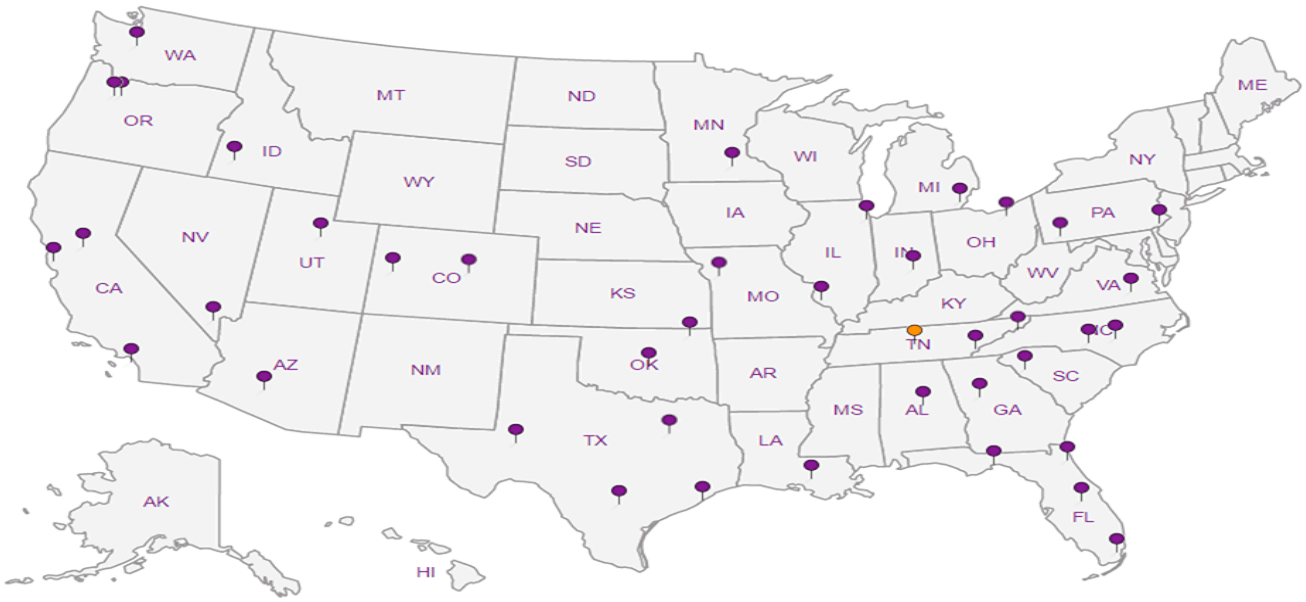
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1350
Seattle, WA 98161

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.02.501E

Lab Project # PESENVSWA-ALP

Collected by (print): HRC/BLH

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	FEG 250mlHDPE-HNO3	MNG 250mlHDPE-HNO3	RSK175LL 40mlAmb-HCl	SULFATE 125mlHDPE-NoPres	TOC 250mlHDPE-HCl	V8260ULLC 40mlAmb-HCl	GRO	Chloride, Nitrate Sulfate (9056A)	Alkalinity 2320B			
MW-944-113020	Grab	GW	45	11/30/20	800	8	X	X	X	X	X	X						01
MW-945-113020	|	GW	25	|	915	12	X	X	X		X	X	X	X	X			02
MW120-113020	|	GW	45	|	1115	8	X	X	X	X	X	X						03
MW-143-113020	|	GW	75	|	1130	8	X	X	X	X	X	X						04
MW-160-113020	|	GW	123	|	1345	8	X	X	X	X	X	X						05
MW121-113020	|	GW	23.5	|	1420	11	X	X	X	X	X	X	X					06
MW-301-113020	|	GW	25	|	1535	12	X	X	X		X	X	X	X	X			07
EQ-113020	|	GW	—	|	1545	11	X	X	X	X	X	X	X					08
TB-113020	|	GW	—	|	1600	2						X	X					09
		GW																

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # 129 0835

Ta J200

Acctnum: PESENVSWA

Template: T178330

Prelogin: P811484

PM: 546 - Jared Starkey

PB:

Shipped Via:

Remarks	Sample # (lab only)
	01
	02
	03
	04
	05
	06
	07
	08
	09

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 9348 1602 0841

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
[signature]	11/30/20	1630		2	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.3+0.3=2.6°C Bottles Received: 90	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 12/1/20 Time: 9:30	Hold: / Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

December 14, 2020

PES Environmental, Inc.- WA

Sample Delivery Group:	L1291220
Samples Received:	12/02/2020
Project Number:	1413.001.02.501E
Description:	American Linen
Site:	AMERICAN LINEN
Report To:	Brian O'Neal/Bill Haldeman
	1215 Fourth Ave., Suite 1350
	Seattle, WA 98161

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 5

Sr: Sample Results 6

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MW107-120120 L1291220-01 GW

Collected by: BH/SPK/CD | Collected date/time: 12/01/20 06:10 | Received date/time: 12/02/20 09:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	1	12/08/20 06:41	12/08/20 06:41	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1586926	1	12/05/20 06:53	12/05/20 06:53	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1585699	5	12/03/20 06:58	12/04/20 07:51	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1585798	1	12/03/20 15:11	12/03/20 15:11	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1586210	10	12/03/20 15:59	12/03/20 15:59	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	25	12/08/20 20:10	12/08/20 20:10	ACG	Mt. Juliet, TN

MW-161-120120 L1291220-02 GW

Collected by: BH/SPK/CD | Collected date/time: 12/01/20 07:10 | Received date/time: 12/02/20 09:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	1	12/08/20 06:53	12/08/20 06:53	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1586926	1	12/05/20 07:11	12/05/20 07:11	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1586355	1	12/04/20 09:16	12/04/20 11:58	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1585798	1	12/03/20 15:14	12/03/20 15:14	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1588230	1	12/08/20 19:51	12/08/20 19:51	ACG	Mt. Juliet, TN

R-MW6-120120 L1291220-03 GW

Collected by: BH/SPK/CD | Collected date/time: 12/01/20 09:55 | Received date/time: 12/02/20 09:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1587718	5	12/08/20 10:16	12/08/20 10:16	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1586926	1	12/05/20 08:35	12/05/20 08:35	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1586355	1	12/04/20 09:16	12/04/20 12:21	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1585798	1	12/03/20 15:16	12/03/20 15:16	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1590802	1	12/13/20 11:00	12/13/20 11:00	JHH	Mt. Juliet, TN

MW-946-120120 L1291220-04 GW

Collected by: BH/SPK/CD | Collected date/time: 12/01/20 10:45 | Received date/time: 12/02/20 09:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1590802	1	12/13/20 11:19	12/13/20 11:19	JHH	Mt. Juliet, TN

EQ-120120 L1291220-05 GW

Collected by: BH/SPK/CD | Collected date/time: 12/01/20 11:55 | Received date/time: 12/02/20 09:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1587550	1	12/07/20 19:21	12/07/20 19:21	SL	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1585206	1	12/02/20 16:17	12/02/20 16:17	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1586926	1	12/05/20 08:52	12/05/20 08:52	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1586355	1	12/04/20 09:16	12/04/20 12:31	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1587876	1	12/08/20 06:03	12/08/20 06:03	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1585798	1	12/03/20 15:21	12/03/20 15:21	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1590802	1	12/13/20 10:22	12/13/20 10:22	JHH	Mt. Juliet, TN

MW-330-120120 L1291220-06 GW

Collected by: BH/SPK/CD
Collected date/time: 12/01/20 13:10
Received date/time: 12/02/20 09:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1590802	1	12/13/20 11:38	12/13/20 11:38	JHH	Mt. Juliet, TN

TB-120120 L1291220-07 GW

Collected by: BH/SPK/CD
Collected date/time: 12/01/20 15:30
Received date/time: 12/02/20 09:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1587876	1	12/08/20 03:07	12/08/20 03:07	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1590802	1	12/13/20 09:44	12/13/20 09:44	JHH	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	U		594	5000	1	12/08/2020 06:41	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	56200		102	1000	1	12/05/2020 06:53	WG1586926

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	7050		140	500	5	12/04/2020 07:51	WG1585699
Manganese	976		3.52	25.0	5	12/04/2020 07:51	WG1585699

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	19400		2.87	6.78	10	12/03/2020 15:59	WG1586210
Ethane	106		0.296	1.29	1	12/03/2020 15:11	WG1585798
Ethene	12.7		0.422	1.27	1	12/03/2020 15:11	WG1585798

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	76.3	C5	13.7	25.0	25	12/08/2020 20:10	WG1588230
Acrylonitrile	U		1.90	12.5	25	12/08/2020 20:10	WG1588230
Benzene	1.65		0.400	1.00	25	12/08/2020 20:10	WG1588230
Bromobenzene	U		1.05	12.5	25	12/08/2020 20:10	WG1588230
Bromodichloromethane	U		0.788	2.50	25	12/08/2020 20:10	WG1588230
Bromoform	U		5.98	25.0	25	12/08/2020 20:10	WG1588230
Bromomethane	U		3.70	12.5	25	12/08/2020 20:10	WG1588230
n-Butylbenzene	U		3.83	12.5	25	12/08/2020 20:10	WG1588230
sec-Butylbenzene	U		2.53	12.5	25	12/08/2020 20:10	WG1588230
tert-Butylbenzene	U		1.55	5.00	25	12/08/2020 20:10	WG1588230
Carbon tetrachloride	U		1.08	5.00	25	12/08/2020 20:10	WG1588230
Chlorobenzene	U		0.573	2.50	25	12/08/2020 20:10	WG1588230
Chlorodibromomethane	U		0.450	2.50	25	12/08/2020 20:10	WG1588230
Chloroethane	U		1.08	5.00	25	12/08/2020 20:10	WG1588230
Chloroform	U		0.415	2.50	25	12/08/2020 20:10	WG1588230
Chloromethane	U		1.39	12.5	25	12/08/2020 20:10	WG1588230
2-Chlorotoluene	U		0.920	2.50	25	12/08/2020 20:10	WG1588230
4-Chlorotoluene	U		1.13	5.00	25	12/08/2020 20:10	WG1588230
1,2-Dibromo-3-Chloropropane	U		5.10	25.0	25	12/08/2020 20:10	WG1588230
1,2-Dibromoethane	U		0.525	2.50	25	12/08/2020 20:10	WG1588230
Dibromomethane	U		1.00	5.00	25	12/08/2020 20:10	WG1588230
1,2-Dichlorobenzene	U		1.45	5.00	25	12/08/2020 20:10	WG1588230
1,3-Dichlorobenzene	U		1.70	5.00	25	12/08/2020 20:10	WG1588230
1,4-Dichlorobenzene	U		1.97	5.00	25	12/08/2020 20:10	WG1588230
Dichlorodifluoromethane	U		0.818	2.50	25	12/08/2020 20:10	WG1588230
1,1-Dichloroethane	U		0.575	2.50	25	12/08/2020 20:10	WG1588230
1,2-Dichloroethane	U		0.475	2.50	25	12/08/2020 20:10	WG1588230
1,1-Dichloroethene	U		0.500	2.50	25	12/08/2020 20:10	WG1588230
cis-1,2-Dichloroethene	13.3		0.690	2.50	25	12/08/2020 20:10	WG1588230
trans-1,2-Dichloroethene	5.85		1.43	5.00	25	12/08/2020 20:10	WG1588230
1,2-Dichloropropane	U		1.27	5.00	25	12/08/2020 20:10	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.700	2.50	25	12/08/2020 20:10	WG1588230
1,3-Dichloropropane	U		1.75	5.00	25	12/08/2020 20:10	WG1588230
cis-1,3-Dichloropropene	U		0.678	2.50	25	12/08/2020 20:10	WG1588230
trans-1,3-Dichloropropene	U		1.53	5.00	25	12/08/2020 20:10	WG1588230
2,2-Dichloropropane	U		0.793	2.50	25	12/08/2020 20:10	WG1588230
Di-isopropyl ether	U		0.350	1.00	25	12/08/2020 20:10	WG1588230
Ethylbenzene	U		0.530	2.50	25	12/08/2020 20:10	WG1588230
Hexachloro-1,3-butadiene	U		12.7	25.0	25	12/08/2020 20:10	WG1588230
Isopropylbenzene	U		0.863	2.50	25	12/08/2020 20:10	WG1588230
p-Isopropyltoluene	U		2.33	5.00	25	12/08/2020 20:10	WG1588230
2-Butanone (MEK)	32.9		12.5	25.0	25	12/08/2020 20:10	WG1588230
Methylene Chloride	U		6.63	25.0	25	12/08/2020 20:10	WG1588230
4-Methyl-2-pentanone (MIBK)	U		10.0	25.0	25	12/08/2020 20:10	WG1588230
Methyl tert-butyl ether	U		0.295	1.00	25	12/08/2020 20:10	WG1588230
Naphthalene	U		3.10	12.5	25	12/08/2020 20:10	WG1588230
n-Propylbenzene	U		1.18	5.00	25	12/08/2020 20:10	WG1588230
Styrene	U		2.73	12.5	25	12/08/2020 20:10	WG1588230
1,1,1,2-Tetrachloroethane	U		0.500	2.50	25	12/08/2020 20:10	WG1588230
1,1,2,2-Tetrachloroethane	U		0.390	2.50	25	12/08/2020 20:10	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.675	2.50	25	12/08/2020 20:10	WG1588230
Tetrachloroethene	U		0.700	2.50	25	12/08/2020 20:10	WG1588230
Toluene	4.45	J	1.25	5.00	25	12/08/2020 20:10	WG1588230
1,2,3-Trichlorobenzene	U		0.625	12.5	25	12/08/2020 20:10	WG1588230
1,2,4-Trichlorobenzene	U		4.83	12.5	25	12/08/2020 20:10	WG1588230
1,1,1-Trichloroethane	U		0.275	2.50	25	12/08/2020 20:10	WG1588230
1,1,2-Trichloroethane	U		0.883	2.50	25	12/08/2020 20:10	WG1588230
Trichloroethene	U		0.400	1.00	25	12/08/2020 20:10	WG1588230
Trichlorofluoromethane	U		0.500	2.50	25	12/08/2020 20:10	WG1588230
1,2,3-Trichloropropane	U		5.10	12.5	25	12/08/2020 20:10	WG1588230
1,2,4-Trimethylbenzene	U		1.16	5.00	25	12/08/2020 20:10	WG1588230
1,2,3-Trimethylbenzene	U		1.15	5.00	25	12/08/2020 20:10	WG1588230
1,3,5-Trimethylbenzene	U		1.08	5.00	25	12/08/2020 20:10	WG1588230
Vinyl chloride	U		0.682	2.50	25	12/08/2020 20:10	WG1588230
Xylenes, Total	4.81	J	4.78	6.50	25	12/08/2020 20:10	WG1588230
Ethyl Ether	U		0.425	2.50	25	12/08/2020 20:10	WG1588230
Tetrahydrofuran	124		2.25	12.5	25	12/08/2020 20:10	WG1588230
Iodomethane	U		6.05	12.5	25	12/08/2020 20:10	WG1588230
Allyl chloride	U		14.5	25.0	25	12/08/2020 20:10	WG1588230
Trans-1,4-Dichloro-2-butene	U		1.40	5.00	25	12/08/2020 20:10	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 20:10*	WG1588230
(S) 4-Bromofluorobenzene	*97.9*			*67.0-138*		*12/08/2020 20:10*	WG1588230
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*12/08/2020 20:10*	WG1588230

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	7400		594	5000	1	12/08/2020 06:53	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2690	B	102	1000	1	12/05/2020 07:11	WG1586926

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	253		28.1	100	1	12/04/2020 11:58	WG1586355
Manganese	810	V	0.704	5.00	1	12/04/2020 11:58	WG1586355

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	167		0.287	0.678	1	12/03/2020 15:14	WG1585798
Ethane	U		0.296	1.29	1	12/03/2020 15:14	WG1585798
Ethene	U		0.422	1.27	1	12/03/2020 15:14	WG1585798

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.42	C5	0.548	1.00	1	12/08/2020 19:51	WG1588230
Acrylonitrile	U		0.0760	0.500	1	12/08/2020 19:51	WG1588230
Benzene	U		0.0160	0.0400	1	12/08/2020 19:51	WG1588230
Bromobenzene	U		0.0420	0.500	1	12/08/2020 19:51	WG1588230
Bromodichloromethane	U		0.0315	0.100	1	12/08/2020 19:51	WG1588230
Bromoform	U		0.239	1.00	1	12/08/2020 19:51	WG1588230
Bromomethane	U		0.148	0.500	1	12/08/2020 19:51	WG1588230
n-Butylbenzene	U		0.153	0.500	1	12/08/2020 19:51	WG1588230
sec-Butylbenzene	U		0.101	0.500	1	12/08/2020 19:51	WG1588230
tert-Butylbenzene	U		0.0620	0.200	1	12/08/2020 19:51	WG1588230
Carbon tetrachloride	U		0.0432	0.200	1	12/08/2020 19:51	WG1588230
Chlorobenzene	U		0.0229	0.100	1	12/08/2020 19:51	WG1588230
Chlorodibromomethane	U		0.0180	0.100	1	12/08/2020 19:51	WG1588230
Chloroethane	1.15		0.0432	0.200	1	12/08/2020 19:51	WG1588230
Chloroform	U		0.0166	0.100	1	12/08/2020 19:51	WG1588230
Chloromethane	U		0.0556	0.500	1	12/08/2020 19:51	WG1588230
2-Chlorotoluene	U		0.0368	0.100	1	12/08/2020 19:51	WG1588230
4-Chlorotoluene	U		0.0452	0.200	1	12/08/2020 19:51	WG1588230
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/08/2020 19:51	WG1588230
1,2-Dibromoethane	U		0.0210	0.100	1	12/08/2020 19:51	WG1588230
Dibromomethane	U		0.0400	0.200	1	12/08/2020 19:51	WG1588230
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/08/2020 19:51	WG1588230
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/08/2020 19:51	WG1588230
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/08/2020 19:51	WG1588230
Dichlorodifluoromethane	U		0.0327	0.100	1	12/08/2020 19:51	WG1588230
1,1-Dichloroethane	U		0.0230	0.100	1	12/08/2020 19:51	WG1588230
1,2-Dichloroethane	U		0.0190	0.100	1	12/08/2020 19:51	WG1588230
1,1-Dichloroethene	4.27		0.0200	0.100	1	12/08/2020 19:51	WG1588230
cis-1,2-Dichloroethene	84.2		0.0276	0.100	1	12/08/2020 19:51	WG1588230
trans-1,2-Dichloroethene	1.74		0.0572	0.200	1	12/08/2020 19:51	WG1588230
1,2-Dichloropropane	U		0.0508	0.200	1	12/08/2020 19:51	WG1588230

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/08/2020 19:51	WG1588230
1,3-Dichloropropane	U		0.0700	0.200	1	12/08/2020 19:51	WG1588230
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/08/2020 19:51	WG1588230
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/08/2020 19:51	WG1588230
2,2-Dichloropropane	U		0.0317	0.100	1	12/08/2020 19:51	WG1588230
Di-isopropyl ether	U		0.0140	0.0400	1	12/08/2020 19:51	WG1588230
Ethylbenzene	U		0.0212	0.100	1	12/08/2020 19:51	WG1588230
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/08/2020 19:51	WG1588230
Isopropylbenzene	U		0.0345	0.100	1	12/08/2020 19:51	WG1588230
p-Isopropyltoluene	U		0.0932	0.200	1	12/08/2020 19:51	WG1588230
2-Butanone (MEK)	U		0.500	1.00	1	12/08/2020 19:51	WG1588230
Methylene Chloride	U		0.265	1.00	1	12/08/2020 19:51	WG1588230
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/08/2020 19:51	WG1588230
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/08/2020 19:51	WG1588230
Naphthalene	U		0.124	0.500	1	12/08/2020 19:51	WG1588230
n-Propylbenzene	U		0.0472	0.200	1	12/08/2020 19:51	WG1588230
Styrene	U		0.109	0.500	1	12/08/2020 19:51	WG1588230
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/08/2020 19:51	WG1588230
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	12/08/2020 19:51	WG1588230
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/08/2020 19:51	WG1588230
Tetrachloroethene	49.0		0.0280	0.100	1	12/08/2020 19:51	WG1588230
Toluene	0.0740	J	0.0500	0.200	1	12/08/2020 19:51	WG1588230
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/08/2020 19:51	WG1588230
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/08/2020 19:51	WG1588230
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/08/2020 19:51	WG1588230
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/08/2020 19:51	WG1588230
Trichloroethene	50.3		0.0160	0.0400	1	12/08/2020 19:51	WG1588230
Trichlorofluoromethane	U		0.0200	0.100	1	12/08/2020 19:51	WG1588230
1,2,3-Trichloropropane	U		0.204	0.500	1	12/08/2020 19:51	WG1588230
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/08/2020 19:51	WG1588230
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	12/08/2020 19:51	WG1588230
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/08/2020 19:51	WG1588230
Vinyl chloride	5.47		0.0273	0.100	1	12/08/2020 19:51	WG1588230
Xylenes, Total	U		0.191	0.260	1	12/08/2020 19:51	WG1588230
Ethyl Ether	U		0.0170	0.100	1	12/08/2020 19:51	WG1588230
Tetrahydrofuran	U		0.0900	0.500	1	12/08/2020 19:51	WG1588230
Iodomethane	U		0.242	0.500	1	12/08/2020 19:51	WG1588230
Allyl chloride	U		0.580	1.00	1	12/08/2020 19:51	WG1588230
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	12/08/2020 19:51	WG1588230
(S) Toluene-d8	*101*			*75.0-131*		*12/08/2020 19:51*	WG1588230
(S) 4-Bromofluorobenzene	*98.9*			*67.0-138*		*12/08/2020 19:51*	WG1588230
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*		*12/08/2020 19:51*	WG1588230

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	160000		2970	25000	5	12/08/2020 10:16	WG1587718

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	17300		102	1000	1	12/05/2020 08:35	WG1586926

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	6870		28.1	100	1	12/04/2020 12:21	WG1586355
Manganese	2400		0.704	5.00	1	12/04/2020 12:21	WG1586355

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	502		0.287	0.678	1	12/03/2020 15:16	WG1585798
Ethane	4.85		0.296	1.29	1	12/03/2020 15:16	WG1585798
Ethene	U		0.422	1.27	1	12/03/2020 15:16	WG1585798

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	5.51	C3	0.548	1.00	1	12/13/2020 11:00	WG1590802
Acrylonitrile	U		0.0760	0.500	1	12/13/2020 11:00	WG1590802
Benzene	0.0490		0.0160	0.0400	1	12/13/2020 11:00	WG1590802
Bromobenzene	U		0.0420	0.500	1	12/13/2020 11:00	WG1590802
Bromodichloromethane	U	C3	0.0315	0.100	1	12/13/2020 11:00	WG1590802
Bromoform	U		0.239	1.00	1	12/13/2020 11:00	WG1590802
Bromomethane	U		0.148	0.500	1	12/13/2020 11:00	WG1590802
n-Butylbenzene	U		0.153	0.500	1	12/13/2020 11:00	WG1590802
sec-Butylbenzene	U		0.101	0.500	1	12/13/2020 11:00	WG1590802
tert-Butylbenzene	U		0.0620	0.200	1	12/13/2020 11:00	WG1590802
Carbon tetrachloride	U	C3	0.0432	0.200	1	12/13/2020 11:00	WG1590802
Chlorobenzene	U		0.0229	0.100	1	12/13/2020 11:00	WG1590802
Chlorodibromomethane	U		0.0180	0.100	1	12/13/2020 11:00	WG1590802
Chloroethane	U		0.0432	0.200	1	12/13/2020 11:00	WG1590802
Chloroform	U		0.0166	0.100	1	12/13/2020 11:00	WG1590802
Chloromethane	U		0.0556	0.500	1	12/13/2020 11:00	WG1590802
2-Chlorotoluene	U		0.0368	0.100	1	12/13/2020 11:00	WG1590802
4-Chlorotoluene	U		0.0452	0.200	1	12/13/2020 11:00	WG1590802
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/13/2020 11:00	WG1590802
1,2-Dibromoethane	U		0.0210	0.100	1	12/13/2020 11:00	WG1590802
Dibromomethane	U		0.0400	0.200	1	12/13/2020 11:00	WG1590802
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/13/2020 11:00	WG1590802
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/13/2020 11:00	WG1590802
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/13/2020 11:00	WG1590802
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	12/13/2020 11:00	WG1590802
1,1-Dichloroethane	U		0.0230	0.100	1	12/13/2020 11:00	WG1590802
1,2-Dichloroethane	U		0.0190	0.100	1	12/13/2020 11:00	WG1590802
1,1-Dichloroethene	0.0260	J	0.0200	0.100	1	12/13/2020 11:00	WG1590802
cis-1,2-Dichloroethene	2.15		0.0276	0.100	1	12/13/2020 11:00	WG1590802
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/13/2020 11:00	WG1590802
1,2-Dichloropropane	U		0.0508	0.200	1	12/13/2020 11:00	WG1590802

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	12/13/2020 11:00	WG1590802
1,3-Dichloropropane	U		0.0700	0.200	1	12/13/2020 11:00	WG1590802
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/13/2020 11:00	WG1590802
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/13/2020 11:00	WG1590802
2,2-Dichloropropane	U	C3	0.0317	0.100	1	12/13/2020 11:00	WG1590802
Di-isopropyl ether	U		0.0140	0.0400	1	12/13/2020 11:00	WG1590802
Ethylbenzene	0.0670	J	0.0212	0.100	1	12/13/2020 11:00	WG1590802
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/13/2020 11:00	WG1590802
Isopropylbenzene	U		0.0345	0.100	1	12/13/2020 11:00	WG1590802
p-Isopropyltoluene	U		0.0932	0.200	1	12/13/2020 11:00	WG1590802
2-Butanone (MEK)	0.665	J	0.500	1.00	1	12/13/2020 11:00	WG1590802
Methylene Chloride	U		0.265	1.00	1	12/13/2020 11:00	WG1590802
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/13/2020 11:00	WG1590802
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/13/2020 11:00	WG1590802
Naphthalene	U	C3	0.124	0.500	1	12/13/2020 11:00	WG1590802
n-Propylbenzene	U		0.0472	0.200	1	12/13/2020 11:00	WG1590802
Styrene	U		0.109	0.500	1	12/13/2020 11:00	WG1590802
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/13/2020 11:00	WG1590802
1,1,2,2-Tetrachloroethane	U	C3	0.0156	0.100	1	12/13/2020 11:00	WG1590802
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/13/2020 11:00	WG1590802
Tetrachloroethene	0.670		0.0280	0.100	1	12/13/2020 11:00	WG1590802
Toluene	0.336		0.0500	0.200	1	12/13/2020 11:00	WG1590802
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/13/2020 11:00	WG1590802
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/13/2020 11:00	WG1590802
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/13/2020 11:00	WG1590802
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/13/2020 11:00	WG1590802
Trichloroethene	1.07		0.0160	0.0400	1	12/13/2020 11:00	WG1590802
Trichlorofluoromethane	U	C3	0.0200	0.100	1	12/13/2020 11:00	WG1590802
1,2,3-Trichloropropane	U	C3	0.204	0.500	1	12/13/2020 11:00	WG1590802
1,2,4-Trimethylbenzene	0.109	J	0.0464	0.200	1	12/13/2020 11:00	WG1590802
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	12/13/2020 11:00	WG1590802
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/13/2020 11:00	WG1590802
Vinyl chloride	0.583		0.0273	0.100	1	12/13/2020 11:00	WG1590802
Xylenes, Total	0.513		0.191	0.260	1	12/13/2020 11:00	WG1590802
Ethyl Ether	U	C3	0.0170	0.100	1	12/13/2020 11:00	WG1590802
Tetrahydrofuran	0.476	J	0.0900	0.500	1	12/13/2020 11:00	WG1590802
Iodomethane	U		0.242	0.500	1	12/13/2020 11:00	WG1590802
Allyl chloride	U		0.580	1.00	1	12/13/2020 11:00	WG1590802
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	12/13/2020 11:00	WG1590802
(S) Toluene-d8	*105*			*75.0-131*		*12/13/2020 11:00*	WG1590802
(S) 4-Bromofluorobenzene	*98.2*			*67.0-138*		*12/13/2020 11:00*	WG1590802
(S) 1,2-Dichloroethane-d4	*89.7*			*70.0-130*		*12/13/2020 11:00*	WG1590802

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.30	C3	0.548	1.00	1	12/13/2020 11:19	WG1590802
Acrylonitrile	U		0.0760	0.500	1	12/13/2020 11:19	WG1590802
Benzene	0.0200	J	0.0160	0.0400	1	12/13/2020 11:19	WG1590802
Bromobenzene	U		0.0420	0.500	1	12/13/2020 11:19	WG1590802
Bromodichloromethane	U	C3	0.0315	0.100	1	12/13/2020 11:19	WG1590802
Bromoform	U		0.239	1.00	1	12/13/2020 11:19	WG1590802
Bromomethane	U		0.148	0.500	1	12/13/2020 11:19	WG1590802
n-Butylbenzene	U		0.153	0.500	1	12/13/2020 11:19	WG1590802
sec-Butylbenzene	U		0.101	0.500	1	12/13/2020 11:19	WG1590802
tert-Butylbenzene	U		0.0620	0.200	1	12/13/2020 11:19	WG1590802
Carbon tetrachloride	U	C3	0.0432	0.200	1	12/13/2020 11:19	WG1590802
Chlorobenzene	U		0.0229	0.100	1	12/13/2020 11:19	WG1590802
Chlorodibromomethane	U		0.0180	0.100	1	12/13/2020 11:19	WG1590802
Chloroethane	U		0.0432	0.200	1	12/13/2020 11:19	WG1590802
Chloroform	U		0.0166	0.100	1	12/13/2020 11:19	WG1590802
Chloromethane	U		0.0556	0.500	1	12/13/2020 11:19	WG1590802
2-Chlorotoluene	U		0.0368	0.100	1	12/13/2020 11:19	WG1590802
4-Chlorotoluene	U		0.0452	0.200	1	12/13/2020 11:19	WG1590802
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/13/2020 11:19	WG1590802
1,2-Dibromoethane	U		0.0210	0.100	1	12/13/2020 11:19	WG1590802
Dibromomethane	U		0.0400	0.200	1	12/13/2020 11:19	WG1590802
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/13/2020 11:19	WG1590802
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/13/2020 11:19	WG1590802
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/13/2020 11:19	WG1590802
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	12/13/2020 11:19	WG1590802
1,1-Dichloroethane	U		0.0230	0.100	1	12/13/2020 11:19	WG1590802
1,2-Dichloroethane	U		0.0190	0.100	1	12/13/2020 11:19	WG1590802
1,1-Dichloroethene	U		0.0200	0.100	1	12/13/2020 11:19	WG1590802
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/13/2020 11:19	WG1590802
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/13/2020 11:19	WG1590802
1,2-Dichloropropane	U		0.0508	0.200	1	12/13/2020 11:19	WG1590802
1,1-Dichloropropene	U		0.0280	0.100	1	12/13/2020 11:19	WG1590802
1,3-Dichloropropane	U		0.0700	0.200	1	12/13/2020 11:19	WG1590802
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/13/2020 11:19	WG1590802
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/13/2020 11:19	WG1590802
2,2-Dichloropropane	U	C3	0.0317	0.100	1	12/13/2020 11:19	WG1590802
Di-isopropyl ether	U		0.0140	0.0400	1	12/13/2020 11:19	WG1590802
Ethylbenzene	0.127		0.0212	0.100	1	12/13/2020 11:19	WG1590802
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/13/2020 11:19	WG1590802
Isopropylbenzene	U		0.0345	0.100	1	12/13/2020 11:19	WG1590802
p-Isopropyltoluene	U		0.0932	0.200	1	12/13/2020 11:19	WG1590802
2-Butanone (MEK)	U		0.500	1.00	1	12/13/2020 11:19	WG1590802
Methylene Chloride	U		0.265	1.00	1	12/13/2020 11:19	WG1590802
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/13/2020 11:19	WG1590802
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/13/2020 11:19	WG1590802
Naphthalene	U	C3	0.124	0.500	1	12/13/2020 11:19	WG1590802
n-Propylbenzene	U		0.0472	0.200	1	12/13/2020 11:19	WG1590802
Styrene	U		0.109	0.500	1	12/13/2020 11:19	WG1590802
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/13/2020 11:19	WG1590802
1,1,2,2-Tetrachloroethane	U	C3	0.0156	0.100	1	12/13/2020 11:19	WG1590802
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/13/2020 11:19	WG1590802
Tetrachloroethene	U		0.0280	0.100	1	12/13/2020 11:19	WG1590802
Toluene	0.212		0.0500	0.200	1	12/13/2020 11:19	WG1590802
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/13/2020 11:19	WG1590802
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/13/2020 11:19	WG1590802
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/13/2020 11:19	WG1590802

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/13/2020 11:19	WG1590802
Trichloroethene	U		0.0160	0.0400	1	12/13/2020 11:19	WG1590802
Trichlorofluoromethane	U	C3	0.0200	0.100	1	12/13/2020 11:19	WG1590802
1,2,3-Trichloropropane	U	C3	0.204	0.500	1	12/13/2020 11:19	WG1590802
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/13/2020 11:19	WG1590802
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	12/13/2020 11:19	WG1590802
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/13/2020 11:19	WG1590802
Vinyl chloride	U		0.0273	0.100	1	12/13/2020 11:19	WG1590802
Xylenes, Total	0.789		0.191	0.260	1	12/13/2020 11:19	WG1590802
Ethyl Ether	U	C3	0.0170	0.100	1	12/13/2020 11:19	WG1590802
Tetrahydrofuran	U		0.0900	0.500	1	12/13/2020 11:19	WG1590802
Iodomethane	U		0.242	0.500	1	12/13/2020 11:19	WG1590802
Allyl chloride	U		0.580	1.00	1	12/13/2020 11:19	WG1590802
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	12/13/2020 11:19	WG1590802
(S) Toluene-d8	*104*			*75.0-131*		*12/13/2020 11:19*	WG1590802
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*12/13/2020 11:19*	WG1590802
(S) 1,2-Dichloroethane-d4	*97.6*			*70.0-130*		*12/13/2020 11:19*	WG1590802

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	U		8450	20000	1	12/07/2020 19:21	WG1587550

Sample Narrative:

L1291220-05 WG1587550: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	U		379	1000	1	12/02/2020 16:17	WG1585206
Nitrate	128		48.0	100	1	12/02/2020 16:17	WG1585206
Sulfate	U		594	5000	1	12/02/2020 16:17	WG1585206

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1160	B	102	1000	1	12/05/2020 08:52	WG1586926

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	U		28.1	100	1	12/04/2020 12:31	WG1586355
Manganese	U		0.704	5.00	1	12/04/2020 12:31	WG1586355

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/08/2020 06:03	WG1587876
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*78.0-120*		*12/08/2020 06:03*	WG1587876

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		0.287	0.678	1	12/03/2020 15:21	WG1585798
Ethane	U		0.296	1.29	1	12/03/2020 15:21	WG1585798
Ethene	U		0.422	1.27	1	12/03/2020 15:21	WG1585798

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	5.49	C3	0.548	1.00	1	12/13/2020 10:22	WG1590802
Acrylonitrile	U		0.0760	0.500	1	12/13/2020 10:22	WG1590802
Benzene	U		0.0160	0.0400	1	12/13/2020 10:22	WG1590802
Bromobenzene	U		0.0420	0.500	1	12/13/2020 10:22	WG1590802
Bromodichloromethane	U	C3	0.0315	0.100	1	12/13/2020 10:22	WG1590802
Bromoform	U		0.239	1.00	1	12/13/2020 10:22	WG1590802
Bromomethane	U		0.148	0.500	1	12/13/2020 10:22	WG1590802
n-Butylbenzene	U		0.153	0.500	1	12/13/2020 10:22	WG1590802
sec-Butylbenzene	U		0.101	0.500	1	12/13/2020 10:22	WG1590802
tert-Butylbenzene	U		0.0620	0.200	1	12/13/2020 10:22	WG1590802
Carbon tetrachloride	U	C3	0.0432	0.200	1	12/13/2020 10:22	WG1590802
Chlorobenzene	U		0.0229	0.100	1	12/13/2020 10:22	WG1590802
Chlorodibromomethane	U		0.0180	0.100	1	12/13/2020 10:22	WG1590802

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloroethane	U		0.0432	0.200	1	12/13/2020 10:22	WG1590802
Chloroform	0.0760	J	0.0166	0.100	1	12/13/2020 10:22	WG1590802
Chloromethane	U		0.0556	0.500	1	12/13/2020 10:22	WG1590802
2-Chlorotoluene	U		0.0368	0.100	1	12/13/2020 10:22	WG1590802
4-Chlorotoluene	U		0.0452	0.200	1	12/13/2020 10:22	WG1590802
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/13/2020 10:22	WG1590802
1,2-Dibromoethane	U		0.0210	0.100	1	12/13/2020 10:22	WG1590802
Dibromomethane	U		0.0400	0.200	1	12/13/2020 10:22	WG1590802
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/13/2020 10:22	WG1590802
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/13/2020 10:22	WG1590802
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/13/2020 10:22	WG1590802
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	12/13/2020 10:22	WG1590802
1,1-Dichloroethane	U		0.0230	0.100	1	12/13/2020 10:22	WG1590802
1,2-Dichloroethane	U		0.0190	0.100	1	12/13/2020 10:22	WG1590802
1,1-Dichloroethene	U		0.0200	0.100	1	12/13/2020 10:22	WG1590802
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/13/2020 10:22	WG1590802
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/13/2020 10:22	WG1590802
1,2-Dichloropropane	U		0.0508	0.200	1	12/13/2020 10:22	WG1590802
1,1-Dichloropropene	U		0.0280	0.100	1	12/13/2020 10:22	WG1590802
1,3-Dichloropropane	U		0.0700	0.200	1	12/13/2020 10:22	WG1590802
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/13/2020 10:22	WG1590802
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/13/2020 10:22	WG1590802
2,2-Dichloropropane	U	C3	0.0317	0.100	1	12/13/2020 10:22	WG1590802
Di-isopropyl ether	U		0.0140	0.0400	1	12/13/2020 10:22	WG1590802
Ethylbenzene	U		0.0212	0.100	1	12/13/2020 10:22	WG1590802
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/13/2020 10:22	WG1590802
Isopropylbenzene	U		0.0345	0.100	1	12/13/2020 10:22	WG1590802
p-Isopropyltoluene	U		0.0932	0.200	1	12/13/2020 10:22	WG1590802
2-Butanone (MEK)	1.16		0.500	1.00	1	12/13/2020 10:22	WG1590802
Methylene Chloride	U		0.265	1.00	1	12/13/2020 10:22	WG1590802
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/13/2020 10:22	WG1590802
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/13/2020 10:22	WG1590802
Naphthalene	U	C3	0.124	0.500	1	12/13/2020 10:22	WG1590802
n-Propylbenzene	U		0.0472	0.200	1	12/13/2020 10:22	WG1590802
Styrene	U		0.109	0.500	1	12/13/2020 10:22	WG1590802
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/13/2020 10:22	WG1590802
1,1,2,2-Tetrachloroethane	U	C3	0.0156	0.100	1	12/13/2020 10:22	WG1590802
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/13/2020 10:22	WG1590802
Tetrachloroethene	U		0.0280	0.100	1	12/13/2020 10:22	WG1590802
Toluene	0.0800	J	0.0500	0.200	1	12/13/2020 10:22	WG1590802
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/13/2020 10:22	WG1590802
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/13/2020 10:22	WG1590802
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/13/2020 10:22	WG1590802
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/13/2020 10:22	WG1590802
Trichloroethene	U		0.0160	0.0400	1	12/13/2020 10:22	WG1590802
Trichlorofluoromethane	U	C3	0.0200	0.100	1	12/13/2020 10:22	WG1590802
1,2,3-Trichloropropane	U	C3	0.204	0.500	1	12/13/2020 10:22	WG1590802
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/13/2020 10:22	WG1590802
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	12/13/2020 10:22	WG1590802
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/13/2020 10:22	WG1590802
Vinyl chloride	U		0.0273	0.100	1	12/13/2020 10:22	WG1590802
Xylenes, Total	U		0.191	0.260	1	12/13/2020 10:22	WG1590802
Ethyl Ether	U	C3	0.0170	0.100	1	12/13/2020 10:22	WG1590802
Tetrahydrofuran	U		0.0900	0.500	1	12/13/2020 10:22	WG1590802
Iodomethane	U		0.242	0.500	1	12/13/2020 10:22	WG1590802
Allyl chloride	U		0.580	1.00	1	12/13/2020 10:22	WG1590802

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	12/13/2020 10:22	WG1590802
(S) Toluene-d8	*103*			*75.0-131*		*12/13/2020 10:22*	WG1590802
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*12/13/2020 10:22*	WG1590802
(S) 1,2-Dichloroethane-d4	*94.8*			*70.0-130*		*12/13/2020 10:22*	WG1590802

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	0.741	C3 J	0.548	1.00	1	12/13/2020 11:38	WG1590802
Acrylonitrile	U		0.0760	0.500	1	12/13/2020 11:38	WG1590802
Benzene	U		0.0160	0.0400	1	12/13/2020 11:38	WG1590802
Bromobenzene	U		0.0420	0.500	1	12/13/2020 11:38	WG1590802
Bromodichloromethane	U	C3	0.0315	0.100	1	12/13/2020 11:38	WG1590802
Bromoform	U		0.239	1.00	1	12/13/2020 11:38	WG1590802
Bromomethane	U		0.148	0.500	1	12/13/2020 11:38	WG1590802
n-Butylbenzene	U		0.153	0.500	1	12/13/2020 11:38	WG1590802
sec-Butylbenzene	U		0.101	0.500	1	12/13/2020 11:38	WG1590802
tert-Butylbenzene	U		0.0620	0.200	1	12/13/2020 11:38	WG1590802
Carbon tetrachloride	U	C3	0.0432	0.200	1	12/13/2020 11:38	WG1590802
Chlorobenzene	U		0.0229	0.100	1	12/13/2020 11:38	WG1590802
Chlorodibromomethane	U		0.0180	0.100	1	12/13/2020 11:38	WG1590802
Chloroethane	U		0.0432	0.200	1	12/13/2020 11:38	WG1590802
Chloroform	U		0.0166	0.100	1	12/13/2020 11:38	WG1590802
Chloromethane	U		0.0556	0.500	1	12/13/2020 11:38	WG1590802
2-Chlorotoluene	U		0.0368	0.100	1	12/13/2020 11:38	WG1590802
4-Chlorotoluene	U		0.0452	0.200	1	12/13/2020 11:38	WG1590802
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/13/2020 11:38	WG1590802
1,2-Dibromoethane	U		0.0210	0.100	1	12/13/2020 11:38	WG1590802
Dibromomethane	U		0.0400	0.200	1	12/13/2020 11:38	WG1590802
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/13/2020 11:38	WG1590802
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/13/2020 11:38	WG1590802
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/13/2020 11:38	WG1590802
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	12/13/2020 11:38	WG1590802
1,1-Dichloroethane	U		0.0230	0.100	1	12/13/2020 11:38	WG1590802
1,2-Dichloroethane	U		0.0190	0.100	1	12/13/2020 11:38	WG1590802
1,1-Dichloroethene	U		0.0200	0.100	1	12/13/2020 11:38	WG1590802
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/13/2020 11:38	WG1590802
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/13/2020 11:38	WG1590802
1,2-Dichloropropane	U		0.0508	0.200	1	12/13/2020 11:38	WG1590802
1,1-Dichloropropene	U		0.0280	0.100	1	12/13/2020 11:38	WG1590802
1,3-Dichloropropane	U		0.0700	0.200	1	12/13/2020 11:38	WG1590802
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/13/2020 11:38	WG1590802
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/13/2020 11:38	WG1590802
2,2-Dichloropropane	U	C3	0.0317	0.100	1	12/13/2020 11:38	WG1590802
Di-isopropyl ether	U		0.0140	0.0400	1	12/13/2020 11:38	WG1590802
Ethylbenzene	0.113		0.0212	0.100	1	12/13/2020 11:38	WG1590802
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/13/2020 11:38	WG1590802
Isopropylbenzene	U		0.0345	0.100	1	12/13/2020 11:38	WG1590802
p-Isopropyltoluene	U		0.0932	0.200	1	12/13/2020 11:38	WG1590802
2-Butanone (MEK)	U		0.500	1.00	1	12/13/2020 11:38	WG1590802
Methylene Chloride	U		0.265	1.00	1	12/13/2020 11:38	WG1590802
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/13/2020 11:38	WG1590802
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/13/2020 11:38	WG1590802
Naphthalene	U	C3	0.124	0.500	1	12/13/2020 11:38	WG1590802
n-Propylbenzene	U		0.0472	0.200	1	12/13/2020 11:38	WG1590802
Styrene	U		0.109	0.500	1	12/13/2020 11:38	WG1590802
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/13/2020 11:38	WG1590802
1,1,2,2-Tetrachloroethane	U	C3	0.0156	0.100	1	12/13/2020 11:38	WG1590802
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/13/2020 11:38	WG1590802
Tetrachloroethene	U		0.0280	0.100	1	12/13/2020 11:38	WG1590802
Toluene	0.215		0.0500	0.200	1	12/13/2020 11:38	WG1590802
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/13/2020 11:38	WG1590802
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/13/2020 11:38	WG1590802
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/13/2020 11:38	WG1590802

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/13/2020 11:38	WG1590802
Trichloroethene	U		0.0160	0.0400	1	12/13/2020 11:38	WG1590802
Trichlorofluoromethane	U	C3	0.0200	0.100	1	12/13/2020 11:38	WG1590802
1,2,3-Trichloropropane	U	C3	0.204	0.500	1	12/13/2020 11:38	WG1590802
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/13/2020 11:38	WG1590802
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	12/13/2020 11:38	WG1590802
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/13/2020 11:38	WG1590802
Vinyl chloride	U		0.0273	0.100	1	12/13/2020 11:38	WG1590802
Xylenes, Total	0.801		0.191	0.260	1	12/13/2020 11:38	WG1590802
Ethyl Ether	U	C3	0.0170	0.100	1	12/13/2020 11:38	WG1590802
Tetrahydrofuran	U		0.0900	0.500	1	12/13/2020 11:38	WG1590802
Iodomethane	U		0.242	0.500	1	12/13/2020 11:38	WG1590802
Allyl chloride	U		0.580	1.00	1	12/13/2020 11:38	WG1590802
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	12/13/2020 11:38	WG1590802
(S) Toluene-d8	*105*			*75.0-131*		*12/13/2020 11:38*	WG1590802
(S) 4-Bromofluorobenzene	*99.4*			*67.0-138*		*12/13/2020 11:38*	WG1590802
(S) 1,2-Dichloroethane-d4	*88.6*			*70.0-130*		*12/13/2020 11:38*	WG1590802

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	12/08/2020 03:07	WG1587876
(S) a,a,a-Trifluorotoluene(FID)	*96.0*			*78.0-120*		*12/08/2020 03:07*	WG1587876

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.25	C3	0.548	1.00	1	12/13/2020 09:44	WG1590802
Acrylonitrile	U		0.0760	0.500	1	12/13/2020 09:44	WG1590802
Benzene	U		0.0160	0.0400	1	12/13/2020 09:44	WG1590802
Bromobenzene	U		0.0420	0.500	1	12/13/2020 09:44	WG1590802
Bromodichloromethane	U	C3	0.0315	0.100	1	12/13/2020 09:44	WG1590802
Bromoform	U		0.239	1.00	1	12/13/2020 09:44	WG1590802
Bromomethane	U		0.148	0.500	1	12/13/2020 09:44	WG1590802
n-Butylbenzene	U		0.153	0.500	1	12/13/2020 09:44	WG1590802
sec-Butylbenzene	U		0.101	0.500	1	12/13/2020 09:44	WG1590802
tert-Butylbenzene	U		0.0620	0.200	1	12/13/2020 09:44	WG1590802
Carbon tetrachloride	U	C3	0.0432	0.200	1	12/13/2020 09:44	WG1590802
Chlorobenzene	U		0.0229	0.100	1	12/13/2020 09:44	WG1590802
Chlorodibromomethane	U		0.0180	0.100	1	12/13/2020 09:44	WG1590802
Chloroethane	U		0.0432	0.200	1	12/13/2020 09:44	WG1590802
Chloroform	U		0.0166	0.100	1	12/13/2020 09:44	WG1590802
Chloromethane	U		0.0556	0.500	1	12/13/2020 09:44	WG1590802
2-Chlorotoluene	U		0.0368	0.100	1	12/13/2020 09:44	WG1590802
4-Chlorotoluene	U		0.0452	0.200	1	12/13/2020 09:44	WG1590802
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	12/13/2020 09:44	WG1590802
1,2-Dibromoethane	U		0.0210	0.100	1	12/13/2020 09:44	WG1590802
Dibromomethane	U		0.0400	0.200	1	12/13/2020 09:44	WG1590802
1,2-Dichlorobenzene	U		0.0580	0.200	1	12/13/2020 09:44	WG1590802
1,3-Dichlorobenzene	U		0.0680	0.200	1	12/13/2020 09:44	WG1590802
1,4-Dichlorobenzene	U		0.0788	0.200	1	12/13/2020 09:44	WG1590802
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	12/13/2020 09:44	WG1590802
1,1-Dichloroethane	U		0.0230	0.100	1	12/13/2020 09:44	WG1590802
1,2-Dichloroethane	U		0.0190	0.100	1	12/13/2020 09:44	WG1590802
1,1-Dichloroethene	U		0.0200	0.100	1	12/13/2020 09:44	WG1590802
cis-1,2-Dichloroethene	U		0.0276	0.100	1	12/13/2020 09:44	WG1590802
trans-1,2-Dichloroethene	U		0.0572	0.200	1	12/13/2020 09:44	WG1590802
1,2-Dichloropropane	U		0.0508	0.200	1	12/13/2020 09:44	WG1590802
1,1-Dichloropropene	U		0.0280	0.100	1	12/13/2020 09:44	WG1590802
1,3-Dichloropropane	U		0.0700	0.200	1	12/13/2020 09:44	WG1590802
cis-1,3-Dichloropropene	U		0.0271	0.100	1	12/13/2020 09:44	WG1590802
trans-1,3-Dichloropropene	U		0.0612	0.200	1	12/13/2020 09:44	WG1590802
2,2-Dichloropropane	U	C3	0.0317	0.100	1	12/13/2020 09:44	WG1590802
Di-isopropyl ether	U		0.0140	0.0400	1	12/13/2020 09:44	WG1590802
Ethylbenzene	U		0.0212	0.100	1	12/13/2020 09:44	WG1590802
Hexachloro-1,3-butadiene	U		0.508	1.00	1	12/13/2020 09:44	WG1590802
Isopropylbenzene	U		0.0345	0.100	1	12/13/2020 09:44	WG1590802
p-Isopropyltoluene	U		0.0932	0.200	1	12/13/2020 09:44	WG1590802
2-Butanone (MEK)	U		0.500	1.00	1	12/13/2020 09:44	WG1590802
Methylene Chloride	U		0.265	1.00	1	12/13/2020 09:44	WG1590802
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	12/13/2020 09:44	WG1590802
Methyl tert-butyl ether	U		0.0118	0.0400	1	12/13/2020 09:44	WG1590802
Naphthalene	U	C3	0.124	0.500	1	12/13/2020 09:44	WG1590802
n-Propylbenzene	U		0.0472	0.200	1	12/13/2020 09:44	WG1590802
Styrene	U		0.109	0.500	1	12/13/2020 09:44	WG1590802

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	12/13/2020 09:44	WG1590802
1,1,2,2-Tetrachloroethane	U	C3	0.0156	0.100	1	12/13/2020 09:44	WG1590802
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	12/13/2020 09:44	WG1590802
Tetrachloroethene	U		0.0280	0.100	1	12/13/2020 09:44	WG1590802
Toluene	U		0.0500	0.200	1	12/13/2020 09:44	WG1590802
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	12/13/2020 09:44	WG1590802
1,2,4-Trichlorobenzene	U		0.193	0.500	1	12/13/2020 09:44	WG1590802
1,1,1-Trichloroethane	U		0.0110	0.100	1	12/13/2020 09:44	WG1590802
1,1,2-Trichloroethane	U		0.0353	0.100	1	12/13/2020 09:44	WG1590802
Trichloroethene	U		0.0160	0.0400	1	12/13/2020 09:44	WG1590802
Trichlorofluoromethane	U	C3	0.0200	0.100	1	12/13/2020 09:44	WG1590802
1,2,3-Trichloropropane	U	C3	0.204	0.500	1	12/13/2020 09:44	WG1590802
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	12/13/2020 09:44	WG1590802
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	12/13/2020 09:44	WG1590802
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	12/13/2020 09:44	WG1590802
Vinyl chloride	U		0.0273	0.100	1	12/13/2020 09:44	WG1590802
Xylenes, Total	U		0.191	0.260	1	12/13/2020 09:44	WG1590802
Ethyl Ether	U	C3	0.0170	0.100	1	12/13/2020 09:44	WG1590802
Tetrahydrofuran	U		0.0900	0.500	1	12/13/2020 09:44	WG1590802
Iodomethane	U		0.242	0.500	1	12/13/2020 09:44	WG1590802
Allyl chloride	U		0.580	1.00	1	12/13/2020 09:44	WG1590802
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	12/13/2020 09:44	WG1590802
(S) Toluene-d8	*104*			*75.0-131*		*12/13/2020 09:44*	WG1590802
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*12/13/2020 09:44*	WG1590802
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*		*12/13/2020 09:44*	WG1590802

Method Blank (MB)

(MB) R3601241-1 12/07/20 19:15

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Alkalinity	U		8450	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3601241-3 12/07/20 20:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	97400	97.4	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R3600120-1 12/02/20 09:30

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Chloride	U		379	1000
Nitrate	U		48.0	100
Sulfate	U		594	5000

L1291151-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1291151-01 12/02/20 12:54 • (DUP) R3600120-3 12/02/20 13:10

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	892000	893000	1	0.114	E	15
Nitrate	6500	6530	1	0.350		15
Sulfate	166000	166000	1	0.120	E	15

L1291247-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1291247-01 12/02/20 20:08 • (DUP) R3600120-7 12/02/20 20:23

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	125000	125000	1	0.117	E	15
Nitrate	2440	2450	1	0.0998		15
Sulfate	11200	11200	1	0.0619		15

Laboratory Control Sample (LCS)

(LCS) R3600120-2 12/02/20 09:46

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	39300	98.2	80.0-120	
Nitrate	8000	7980	99.8	80.0-120	
Sulfate	40000	40200	101	80.0-120	

L1291176-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1291176-01 12/02/20 13:25 • (MS) R3600120-4 12/02/20 13:40 • (MSD) R3600120-5 12/02/20 13:56

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50000	27400	78600	78400	102	102	1	80.0-120			0.167	15
Nitrate	5000	3070	8410	8410	107	107	1	80.0-120			0.0268	15
Sulfate	50000	18400	70700	70600	105	104	1	80.0-120			0.146	15

L1291220-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1291220-05 12/02/20 16:17 • (MS) R3600120-6 12/02/20 16:32

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	U	53300	107	1	80.0-120	
Nitrate	5000	128	5520	108	1	80.0-120	
Sulfate	50000	U	53800	108	1	80.0-120	

Method Blank (MB)

(MB) R3601310-1 12/07/20 20:16

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Sulfate	U		594	5000

L1290496-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1290496-15 12/08/20 02:00 • (DUP) R3601310-3 12/08/20 02:13

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfate	U	U	1	0.000		15

L1291094-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1291094-03 12/08/20 06:03 • (DUP) R3601310-6 12/08/20 06:15

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Sulfate	2450	2270	1	7.62	J	15

Laboratory Control Sample (LCS)

(LCS) R3601310-2 12/07/20 20:29

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Sulfate	40000	40200	100	80.0-120	

L1290673-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1290673-03 12/08/20 03:29 • (MS) R3601310-4 12/08/20 03:42 • (MSD) R3601310-5 12/08/20 03:55

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	50000	2470	52800	51800	101	98.7	1	80.0-120			1.94	15

L1291094-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1291094-03 12/08/20 06:03 • (MS) R3601310-7 12/08/20 06:28

Analyte	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
	ug/l	ug/l	ug/l	%		%	
Sulfate	50000	2450	53800	103	1	80.0-120	

Method Blank (MB)

(MB) R3600690-1 12/04/20 21:53

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	865	J	102	1000

L1290884-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1290884-05 12/05/20 02:57 • (DUP) R3600690-5 12/05/20 03:21

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	17900	17200	1	4.04		20

L1291193-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1291193-01 12/05/20 04:50 • (DUP) R3600690-6 12/05/20 05:04

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	1120	1050	1	6.92		20

Laboratory Control Sample (LCS)

(LCS) R3600690-2 12/04/20 22:30

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	74600	99.4	85.0-115	

L1290835-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1290835-08 12/04/20 23:34 • (MS) R3600690-3 12/05/20 00:02

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
TOC (Total Organic Carbon)	50000	689	48700	96.0	1	80.0-120	

L1290835-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1290835-08 12/04/20 23:34 • (MS) R3600690-4 12/05/20 00:28

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
TOC (Total Organic Carbon)	50000	689	49000	96.5	1	80.0-120	

L1291220-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1291220-02 12/05/20 07:11 • (MS) R3600690-7 12/05/20 07:46 • (MSD) R3600690-8 12/05/20 08:15

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	2690	59500	61500	114	118	1	80.0-120			3.19	20

Method Blank (MB)

(MB) R3600234-1 12/04/20 01:50

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Iron	U		28.1	100
Manganese	2.11	J	0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3600234-2 12/04/20 01:53

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron	5000	4740	94.8	80.0-120	
Manganese	50.0	49.6	99.1	80.0-120	

L1290673-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1290673-03 12/04/20 01:56 • (MS) R3600234-4 12/04/20 02:03 • (MSD) R3600234-5 12/04/20 02:06

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	5000	144	4950	4840	96.1	94.0	1	75.0-125			2.11	20
Manganese	50.0	6.82	53.8	52.8	94.0	92.0	1	75.0-125			1.92	20

Method Blank (MB)

(MB) R3600408-1 12/04/20 11:52

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Iron	U		28.1	100
Manganese	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3600408-2 12/04/20 11:55

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron	5000	5370	107	80.0-120	
Manganese	50.0	51.2	102	80.0-120	

L1291220-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1291220-02 12/04/20 11:58 • (MS) R3600408-4 12/04/20 12:05 • (MSD) R3600408-5 12/04/20 12:08

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	5000	253	5220	5410	99.4	103	1	75.0-125			3.56	20
Manganese	50.0	810	851	847	81.4	74.7	1	75.0-125		V	0.396	20

Method Blank (MB)

(MB) R3601382-3 12/08/20 01:39

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	37.9	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*95.7*			*78.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3601382-1 12/08/20 00:33 • (LCSD) R3601382-2 12/08/20 00:55

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5500	5150	4710	93.6	85.6	70.0-124			8.92	20
(S) a,a,a-Trifluorotoluene(FID)				*102*	*101*	*78.0-120*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3600068-2 12/03/20 13:54

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		0.287	0.678
Ethane	U		0.296	1.29
Ethene	U		0.422	1.27

L1291244-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1291244-01 12/03/20 13:57 • (DUP) R3600068-3 12/03/20 15:04

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	15.5	12.8	1	19.1		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3600068-1 12/03/20 13:48 • (LCSD) R3600068-4 12/03/20 15:43

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	72.9	68.0	108	100	85.0-115			6.96	20
Ethane	129	129	132	100	102	85.0-115			2.30	20
Ethene	127	127	128	100	101	85.0-115			0.784	20

Method Blank (MB)

(MB) R3600087-2 12/03/20 15:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		0.287	0.678

L1291220-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1291220-01 12/03/20 15:11 • (DUP) R3600087-3 12/03/20 16:12

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
		ug/l		%		%
Methane		19100	10	7.05		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3600087-1 12/03/20 15:43 • (LCSD) R3600087-4 12/03/20 16:18

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	68.0	68.9	100	102	85.0-115			1.31	20

Method Blank (MB)

(MB) R3601407-2 12/08/20 10:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3601407-2 12/08/20 10:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	0.208	J	0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*99.7*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3601407-1 12/08/20 10:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	32.9	132	10.0-160	
Acrylonitrile	25.0	26.3	105	45.0-153	
Benzene	5.00	4.97	99.4	70.0-123	
Bromobenzene	5.00	5.27	105	73.0-121	
Bromodichloromethane	5.00	4.96	99.2	73.0-121	
Bromoform	5.00	5.36	107	64.0-132	
Bromomethane	5.00	5.16	103	56.0-147	
n-Butylbenzene	5.00	5.32	106	68.0-135	
sec-Butylbenzene	5.00	5.29	106	74.0-130	
tert-Butylbenzene	5.00	5.31	106	75.0-127	
Carbon tetrachloride	5.00	4.56	91.2	66.0-128	
Chlorobenzene	5.00	5.22	104	76.0-128	
Chlorodibromomethane	5.00	5.34	107	74.0-127	
Chloroethane	5.00	5.18	104	61.0-134	
Chloroform	5.00	5.15	103	72.0-123	
Chloromethane	5.00	6.17	123	51.0-138	
2-Chlorotoluene	5.00	5.23	105	75.0-124	
4-Chlorotoluene	5.00	5.37	107	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	5.32	106	59.0-130	
1,2-Dibromoethane	5.00	5.03	101	74.0-128	
Dibromomethane	5.00	5.04	101	75.0-122	
1,2-Dichlorobenzene	5.00	5.04	101	76.0-124	
1,3-Dichlorobenzene	5.00	5.26	105	76.0-125	
1,4-Dichlorobenzene	5.00	5.29	106	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.82	96.4	45.0-143	
Dichlorodifluoromethane	5.00	4.30	86.0	43.0-156	
1,1-Dichloroethane	5.00	5.32	106	70.0-127	
1,2-Dichloroethane	5.00	5.39	108	65.0-131	
1,1-Dichloroethene	5.00	5.62	112	65.0-131	
cis-1,2-Dichloroethene	5.00	5.16	103	73.0-125	
trans-1,2-Dichloroethene	5.00	5.00	100	71.0-125	
1,2-Dichloropropane	5.00	5.17	103	74.0-125	
1,1-Dichloropropene	5.00	5.08	102	73.0-125	
1,3-Dichloropropane	5.00	4.99	99.8	80.0-125	
cis-1,3-Dichloropropene	5.00	5.18	104	76.0-127	
trans-1,3-Dichloropropene	5.00	5.07	101	73.0-127	
2,2-Dichloropropane	5.00	5.83	117	59.0-135	
Di-isopropyl ether	5.00	5.55	111	60.0-136	
Ethylbenzene	5.00	5.07	101	74.0-126	
Ethyl ether	5.00	4.60	92.0	64.0-137	

Laboratory Control Sample (LCS)

(LCS) R3601407-1 12/08/20 10:17

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	5.90	118	57.0-150	
Iodomethane	25.0	27.0	108	74.0-134	
Isopropylbenzene	5.00	5.33	107	72.0-127	
p-Isopropyltoluene	5.00	5.15	103	72.0-133	
2-Butanone (MEK)	25.0	29.2	117	30.0-160	
Methylene Chloride	5.00	4.94	98.8	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	28.2	113	56.0-143	
Methyl tert-butyl ether	5.00	5.45	109	66.0-132	
Naphthalene	5.00	5.24	105	59.0-130	
n-Propylbenzene	5.00	5.31	106	74.0-126	
Styrene	5.00	5.11	102	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	5.02	100	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	5.15	103	68.0-128	
Tetrachloroethene	5.00	5.50	110	70.0-136	
Tetrahydrofuran	5.00	5.14	103	37.0-146	
Toluene	5.00	4.95	99.0	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	4.29	85.8	61.0-139	
1,2,3-Trichlorobenzene	5.00	4.97	99.4	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.97	99.4	62.0-137	
1,1,1-Trichloroethane	5.00	5.28	106	69.0-126	
1,1,2-Trichloroethane	5.00	5.10	102	78.0-123	
Trichloroethene	5.00	5.32	106	76.0-126	
Trichlorofluoromethane	5.00	4.85	97.0	61.0-142	
1,2,3-Trichloropropane	5.00	5.37	107	67.0-129	
1,2,3-Trimethylbenzene	5.00	4.97	99.4	74.0-124	
1,2,4-Trimethylbenzene	5.00	5.33	107	70.0-126	
1,3,5-Trimethylbenzene	5.00	5.27	105	73.0-127	
Vinyl chloride	5.00	5.63	113	63.0-134	
Xylenes, Total	15.0	15.7	105	72.0-127	
Allyl chloride	25.0	27.0	108	70.0-131	
(S) Toluene-d8			*99.8*	*75.0-131*	
(S) 4-Bromofluorobenzene			*101*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*104*	*70.0-130*	

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3602954-2 12/13/20 09:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3602954-2 12/13/20 09:06

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.5*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*90.9*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3602954-1 12/13/20 07:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	19.7	78.8	10.0-160	
Acrylonitrile	25.0	22.8	91.2	45.0-153	
Benzene	5.00	4.33	86.6	70.0-123	
Bromobenzene	5.00	4.67	93.4	73.0-121	
Bromodichloromethane	5.00	3.93	78.6	73.0-121	
Bromoform	5.00	4.65	93.0	64.0-132	
Bromomethane	5.00	4.05	81.0	56.0-147	
n-Butylbenzene	5.00	4.18	83.6	68.0-135	
sec-Butylbenzene	5.00	4.49	89.8	74.0-130	
tert-Butylbenzene	5.00	4.61	92.2	75.0-127	
Carbon tetrachloride	5.00	3.73	74.6	66.0-128	
Chlorobenzene	5.00	4.88	97.6	76.0-128	
Chlorodibromomethane	5.00	4.43	88.6	74.0-127	
Chloroethane	5.00	4.37	87.4	61.0-134	
Chloroform	5.00	4.08	81.6	72.0-123	
Chloromethane	5.00	4.96	99.2	51.0-138	
2-Chlorotoluene	5.00	4.04	80.8	75.0-124	
4-Chlorotoluene	5.00	4.26	85.2	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.18	83.6	59.0-130	
1,2-Dibromoethane	5.00	4.39	87.8	74.0-128	
Dibromomethane	5.00	4.21	84.2	75.0-122	
1,2-Dichlorobenzene	5.00	4.16	83.2	76.0-124	
1,3-Dichlorobenzene	5.00	4.52	90.4	76.0-125	
1,4-Dichlorobenzene	5.00	4.59	91.8	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	3.27	65.4	45.0-143	
Dichlorodifluoromethane	5.00	3.64	72.8	43.0-156	
1,1-Dichloroethane	5.00	4.42	88.4	70.0-127	
1,2-Dichloroethane	5.00	4.04	80.8	65.0-131	
1,1-Dichloroethene	5.00	4.86	97.2	65.0-131	
cis-1,2-Dichloroethene	5.00	4.52	90.4	73.0-125	
trans-1,2-Dichloroethene	5.00	4.57	91.4	71.0-125	
1,2-Dichloropropane	5.00	4.72	94.4	74.0-125	
1,1-Dichloropropene	5.00	4.67	93.4	73.0-125	
1,3-Dichloropropane	5.00	4.27	85.4	80.0-125	
cis-1,3-Dichloropropene	5.00	4.47	89.4	76.0-127	
trans-1,3-Dichloropropene	5.00	4.13	82.6	73.0-127	
2,2-Dichloropropane	5.00	3.82	76.4	59.0-135	
Di-isopropyl ether	5.00	4.67	93.4	60.0-136	
Ethylbenzene	5.00	4.77	95.4	74.0-126	
Ethyl ether	5.00	3.91	78.2	64.0-137	

Laboratory Control Sample (LCS)

(LCS) R3602954-1 12/13/20 07:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	5.81	116	57.0-150	
Iodomethane	25.0	23.1	92.4	74.0-134	
Isopropylbenzene	5.00	4.83	96.6	72.0-127	
p-Isopropyltoluene	5.00	4.33	86.6	72.0-133	
2-Butanone (MEK)	25.0	22.9	91.6	30.0-160	
Methylene Chloride	5.00	4.29	85.8	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	24.0	96.0	56.0-143	
Methyl tert-butyl ether	5.00	4.11	82.2	66.0-132	
Naphthalene	5.00	3.89	77.8	59.0-130	
n-Propylbenzene	5.00	4.41	88.2	74.0-126	
Styrene	5.00	4.72	94.4	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.47	89.4	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	3.48	69.6	68.0-128	
Tetrachloroethene	5.00	5.85	117	70.0-136	
Tetrahydrofuran	5.00	4.52	90.4	37.0-146	
Toluene	5.00	4.78	95.6	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	4.02	80.4	61.0-139	
1,2,3-Trichlorobenzene	5.00	4.31	86.2	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.34	86.8	62.0-137	
1,1,1-Trichloroethane	5.00	4.08	81.6	69.0-126	
1,1,2-Trichloroethane	5.00	4.56	91.2	78.0-123	
Trichloroethene	5.00	5.34	107	76.0-126	
Trichlorofluoromethane	5.00	3.87	77.4	61.0-142	
1,2,3-Trichloropropane	5.00	3.95	79.0	67.0-129	
1,2,3-Trimethylbenzene	5.00	3.96	79.2	74.0-124	
1,2,4-Trimethylbenzene	5.00	4.26	85.2	70.0-126	
1,3,5-Trimethylbenzene	5.00	4.44	88.8	73.0-127	
Vinyl chloride	5.00	4.43	88.6	63.0-134	
Xylenes, Total	15.0	14.5	96.7	72.0-127	
Allyl chloride	25.0	24.2	96.8	70.0-131	
(S) Toluene-d8			*104*	*75.0-131*	
(S) 4-Bromofluorobenzene			*99.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*86.6*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

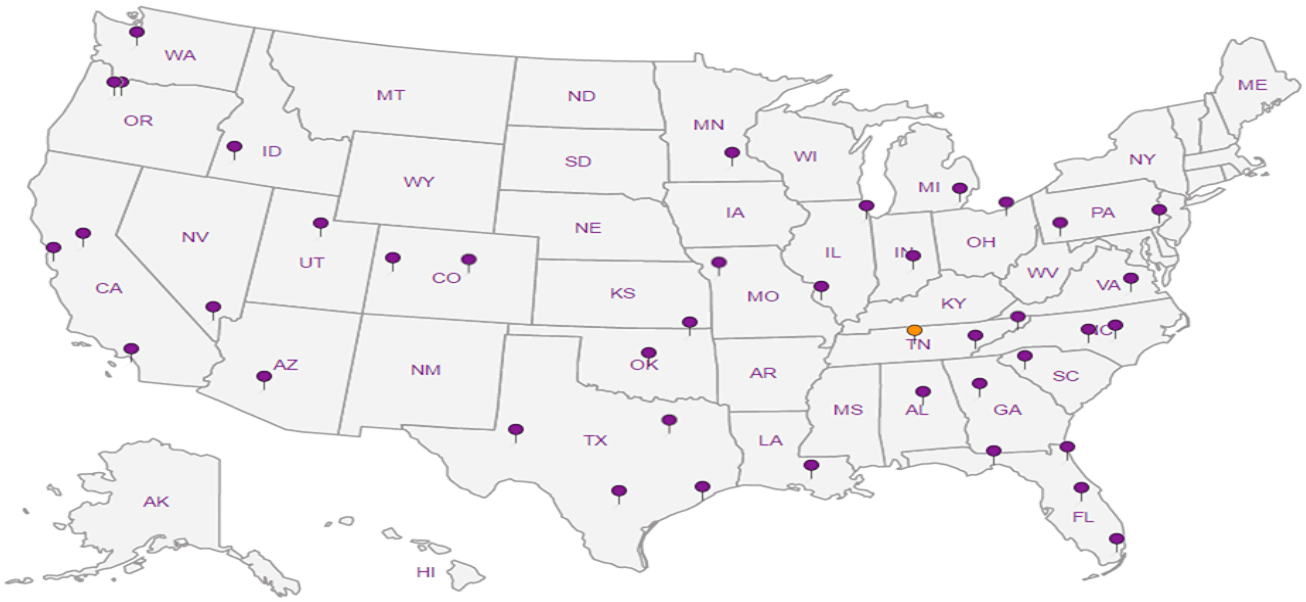
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

D167

ALL SHADED AREAS are for LAB USE ONLY

Company: **PES Environmental, Inc.**

Address: **1215 4th Ave STE 1350, Seattle, WA 98161**

Billing Information: **Attn: Accounts Payable 1215 4th Ave STE 1350, Seattle, WA 98161**

Report To: **Bill Haldeman/Brian O'Neal**

Email To: **bhaldeman@pesenv.com; boneal@pesenv.com**

Copy To: **Kim Vik, Shannon McKernan, Karsten Springstead**

Site Collection Info/Address: **700 Dexter Ave N**

Customer Project Name/Number: American Linen **1413.001.02.501E**

State: **WA** / County/City: **King/Seattle** Time Zone Collected: [x]PT [ ]MT [ ]CT [ ]ET

Phone: **206-529-3980**

Email: **agilvezan@pesenv.com**

Site/Facility ID #: **1413.001.02.501E**

Compliance Monitoring? [x] Yes [ ] No

Collected By (print): Ben Hecht

Purchase Order # : **1413.001.02.501E**

Quote #: **PESENVSWA-ALP**

DW PWS ID #:

DW Location Code:

Collected By (signature):

Turnaround Date Required: Standard

Immediately Packed on Ice: [x] Yes [ ] No

Sample Disposal: [✓] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: Standard turn around time [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [✓] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: L2 L4 L2

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	FEG 250mlHDPE-HNO3	MNG 250mlHDPE-HNO3	EEM (RSK175LL) 40mlAmb-HCl	TOC 250mlAmb-HCl or 250mlHDPE-HCl	TOC 250mlHDPE-HCl	VOCs (8260ULLC)	GRO (NWTPH-Gx)	Chloride, Nitrate, Sulfate (9056A)	Alkalinity (2320B)	Sulfate (9056A)	Lab Sample # / Comments:
MW107-120120	GW	Grab	12-1-20	6:10				8	X	X	X		X	X				X	-01
MW-161-120120	GW	Grab		7:10				8	X	X	X		X	X				X	-02
R-MW6-120120	GW	Grab		9:55				9	X	X	X		X	X				X	-03
MW-946-120120	GW	Grab		10:45				3						X					-04
EQ-120120	GW	Grab		11:55				12	X	X	X		X	X	X	X	X		-05
MW-330-120120	GW	Grab		13:10				3						X					-06
TB-120120	GW	Grab	12-1-20	15:30				2						X	X				-07
	GW	Grab																	
	GW	Grab																	
	GW	Grab																	

Lab Profile/Line:

Lab Sample Receipt Checklist:
Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: _____
Sample pH Acceptable Y N NA
pH Strips: _____
Sulfide Present Y N NA
Lead Acetate Strips: _____

LAB USE ONLY: 12/9/2020
Lab Sample # / Comments: RAD SCREEN: <0.5 mR/hr

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): (Y) N N/A

Lab Tracking #:

Samples received via: (FEDEX) UPS Client Courier Pace Courier

LAB Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: NP15
Cooler 1 Temp Upon Receipt: 1.3 oC
Cooler 1 Therm Corr. Factor: -0.3 oC
Cooler 1 Corrected Temp: 1.0 oC
Comments: OK

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
PES Environmental	12/1/2020 @15:40		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 12/2 0950

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCl) MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: _____ of: _____

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

February 09, 2021

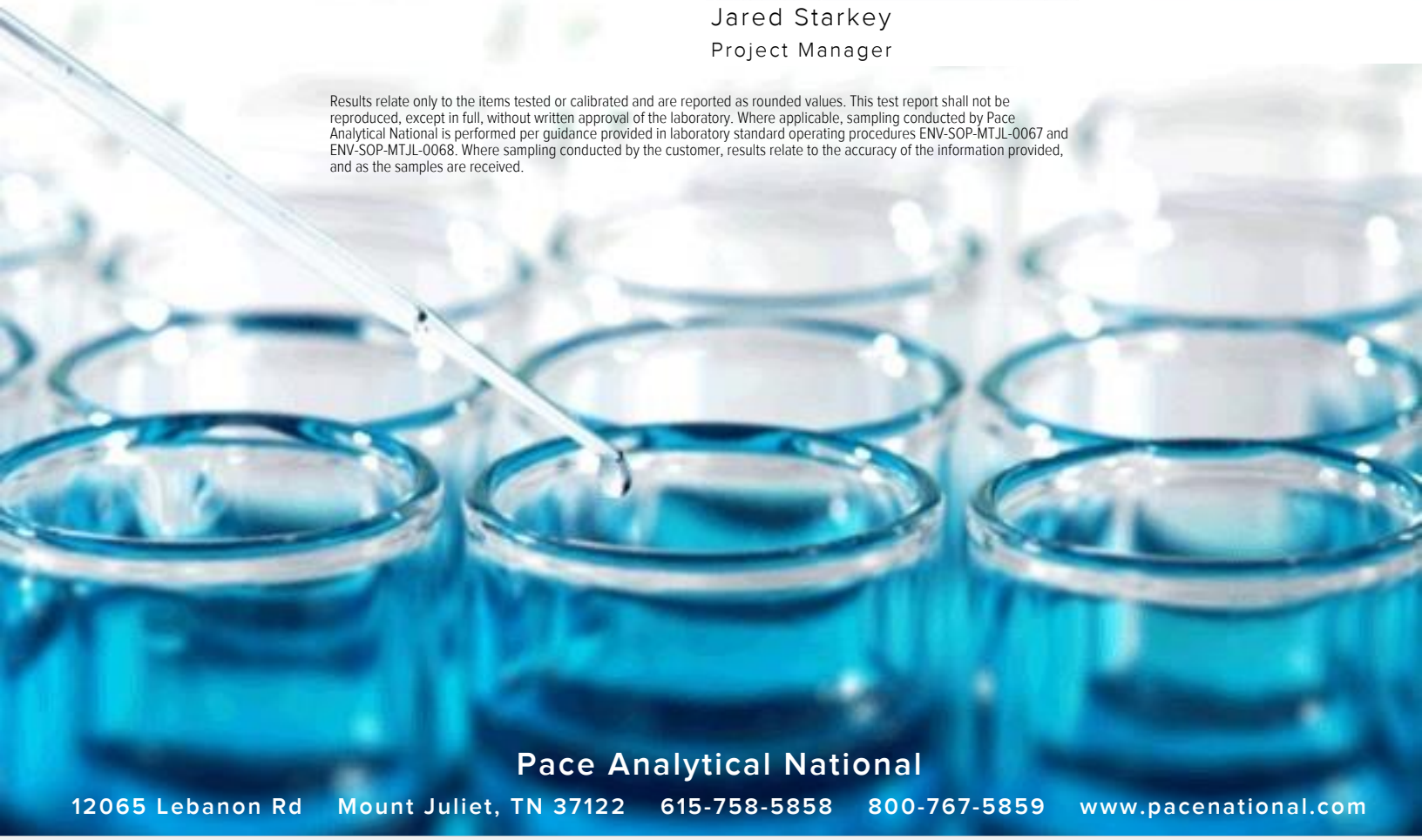
PES Environmental, Inc.- WA

Sample Delivery Group:	L1312512
Samples Received:	02/02/2021
Project Number:	1413.001.02.202
Description:	American Linen
Site:	AMERICAN LINEN
Report To:	Brian O'Neal/Bill Haldeman
	1215 Fourth Ave., Suite 1310
	Seattle, WA 98121

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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B-1003-10 L1312512-01 Solid

Collected by: K. Springstead | Collected date/time: 02/01/21 09:00 | Received date/time: 02/02/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1616301	1	02/04/21 16:23	02/04/21 16:31	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1616906	25	02/02/21 22:06	02/05/21 16:48	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1615884	1	02/02/21 22:06	02/04/21 00:38	BMB	Mt. Juliet, TN

B-299-2 L1312512-02 Solid

Collected by: K. Springstead | Collected date/time: 02/01/21 10:15 | Received date/time: 02/02/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1616301	1	02/04/21 16:23	02/04/21 16:31	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1616906	25	02/02/21 22:06	02/05/21 17:09	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1615884	1	02/02/21 22:06	02/04/21 00:57	BMB	Mt. Juliet, TN

B-299-5.5 L1312512-03 Solid

Collected by: K. Springstead | Collected date/time: 02/01/21 10:20 | Received date/time: 02/02/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1616301	1	02/04/21 16:23	02/04/21 16:31	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1616906	25	02/02/21 22:06	02/05/21 17:30	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1615884	1	02/02/21 22:06	02/04/21 01:16	BMB	Mt. Juliet, TN

B-300-2.5 L1312512-04 Solid

Collected by: K. Springstead | Collected date/time: 02/01/21 11:00 | Received date/time: 02/02/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1616301	1	02/04/21 16:23	02/04/21 16:31	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1616906	25	02/02/21 22:06	02/05/21 17:51	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1615884	1	02/02/21 22:06	02/04/21 01:35	BMB	Mt. Juliet, TN

B-300-5.5 L1312512-05 Solid

Collected by: K. Springstead | Collected date/time: 02/01/21 11:05 | Received date/time: 02/02/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1616364	1	02/04/21 11:41	02/04/21 11:52	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1616906	25	02/02/21 22:06	02/05/21 18:11	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1615884	1	02/02/21 22:06	02/04/21 01:54	BMB	Mt. Juliet, TN

B-301-2 L1312512-06 Solid

Collected by: K. Springstead | Collected date/time: 02/01/21 11:35 | Received date/time: 02/02/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1616364	1	02/04/21 11:41	02/04/21 11:52	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1616906	25	02/02/21 22:06	02/05/21 18:32	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1615884	1	02/02/21 22:06	02/04/21 02:13	BMB	Mt. Juliet, TN

B-301-5 L1312512-07 Solid

Collected by: K. Springstead | Collected date/time: 02/01/21 11:45 | Received date/time: 02/02/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1616394	1	02/04/21 13:02	02/04/21 13:12	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1616906	25	02/02/21 22:06	02/05/21 18:53	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1615884	1	02/02/21 22:06	02/04/21 02:32	BMB	Mt. Juliet, TN

B-302-2 L1312512-08 Solid

Collected by: K. Springstead | Collected date/time: 02/01/21 12:10 | Received date/time: 02/02/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1616395	1	02/05/21 10:21	02/05/21 10:30	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1616906	25	02/02/21 22:06	02/05/21 19:14	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1615884	1	02/02/21 22:06	02/04/21 02:51	BMB	Mt. Juliet, TN

B-302-4 L1312512-09 Solid

Collected by: K. Springstead | Collected date/time: 02/01/21 12:15 | Received date/time: 02/02/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1616395	1	02/05/21 10:21	02/05/21 10:30	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1616906	25	02/02/21 22:06	02/05/21 19:34	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1615884	1	02/02/21 22:06	02/04/21 03:10	BMB	Mt. Juliet, TN

TB-020121 L1312512-10 GW

Collected by: K. Springstead | Collected date/time: 02/01/21 00:00 | Received date/time: 02/02/21 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1616924	1	02/05/21 19:40	02/05/21 19:40	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 15:38	02/07/21 15:38	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 15:27	02/09/21 15:27	BMB	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.6		1	02/04/2021 16:31	WG1616301

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.05	3.10	25	02/05/2021 16:48	WG1616906
(S) a,a,a-Trifluorotoluene(FID)	*96.0*			*77.0-120*		*02/05/2021 16:48*	WG1616906

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0452	0.0620	1	02/04/2021 00:38	WG1615884
Acrylonitrile	U		0.00447	0.0155	1	02/04/2021 00:38	WG1615884
Benzene	U		0.000579	0.00124	1	02/04/2021 00:38	WG1615884
Bromobenzene	U		0.00112	0.0155	1	02/04/2021 00:38	WG1615884
Bromodichloromethane	U		0.000899	0.00310	1	02/04/2021 00:38	WG1615884
Bromochloromethane	U		0.000699	0.00620	1	02/04/2021 00:38	WG1615884
Bromoform	U		0.00145	0.0310	1	02/04/2021 00:38	WG1615884
Bromomethane	U	J4	0.00244	0.0155	1	02/04/2021 00:38	WG1615884
n-Butylbenzene	U		0.00651	0.0155	1	02/04/2021 00:38	WG1615884
sec-Butylbenzene	U		0.00357	0.0155	1	02/04/2021 00:38	WG1615884
tert-Butylbenzene	U		0.00242	0.00620	1	02/04/2021 00:38	WG1615884
Carbon disulfide	U		0.000868	0.0155	1	02/04/2021 00:38	WG1615884
Carbon tetrachloride	U		0.00111	0.00620	1	02/04/2021 00:38	WG1615884
Chlorobenzene	U		0.000260	0.00310	1	02/04/2021 00:38	WG1615884
Chlorodibromomethane	U		0.000759	0.00310	1	02/04/2021 00:38	WG1615884
Chloroethane	U		0.00211	0.00620	1	02/04/2021 00:38	WG1615884
Chloroform	U		0.00128	0.00310	1	02/04/2021 00:38	WG1615884
Chloromethane	U		0.00539	0.0155	1	02/04/2021 00:38	WG1615884
2-Chlorotoluene	U	C3	0.00107	0.00310	1	02/04/2021 00:38	WG1615884
4-Chlorotoluene	U		0.000558	0.00620	1	02/04/2021 00:38	WG1615884
1,2-Dibromo-3-Chloropropane	U	C3	0.00483	0.0310	1	02/04/2021 00:38	WG1615884
1,2-Dibromoethane	U		0.000803	0.00310	1	02/04/2021 00:38	WG1615884
Dibromomethane	U		0.000930	0.00620	1	02/04/2021 00:38	WG1615884
1,2-Dichlorobenzene	U		0.000527	0.00620	1	02/04/2021 00:38	WG1615884
1,3-Dichlorobenzene	U		0.000744	0.00620	1	02/04/2021 00:38	WG1615884
1,4-Dichlorobenzene	U		0.000868	0.00620	1	02/04/2021 00:38	WG1615884
Dichlorodifluoromethane	U		0.00200	0.00310	1	02/04/2021 00:38	WG1615884
1,1-Dichloroethane	U		0.000609	0.00310	1	02/04/2021 00:38	WG1615884
1,2-Dichloroethane	U		0.000804	0.00310	1	02/04/2021 00:38	WG1615884
1,1-Dichloroethene	U		0.000751	0.00310	1	02/04/2021 00:38	WG1615884
cis-1,2-Dichloroethene	U		0.000910	0.00310	1	02/04/2021 00:38	WG1615884
trans-1,2-Dichloroethene	U		0.00129	0.00620	1	02/04/2021 00:38	WG1615884
1,2-Dichloropropane	U		0.00176	0.00620	1	02/04/2021 00:38	WG1615884
1,1-Dichloropropene	U		0.00100	0.00310	1	02/04/2021 00:38	WG1615884
1,3-Dichloropropane	U		0.000621	0.00620	1	02/04/2021 00:38	WG1615884
cis-1,3-Dichloropropene	U		0.000938	0.00310	1	02/04/2021 00:38	WG1615884
trans-1,3-Dichloropropene	U		0.00141	0.00620	1	02/04/2021 00:38	WG1615884
trans-1,4-Dichloro-2-butene	U	C3	0.00231	0.00620	1	02/04/2021 00:38	WG1615884
2,2-Dichloropropane	U		0.00171	0.00310	1	02/04/2021 00:38	WG1615884
Di-isopropyl ether	U		0.000508	0.00124	1	02/04/2021 00:38	WG1615884
Ethylbenzene	U		0.000913	0.00310	1	02/04/2021 00:38	WG1615884
Hexachloro-1,3-butadiene	U		0.00744	0.0310	1	02/04/2021 00:38	WG1615884
2-Hexanone	U	C3	0.00416	0.0310	1	02/04/2021 00:38	WG1615884
n-Hexane	U		0.00280	0.00620	1	02/04/2021 00:38	WG1615884

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Iodomethane	U		0.00288	0.0155	1	02/04/2021 00:38	WG1615884
Isopropylbenzene	U		0.000527	0.00310	1	02/04/2021 00:38	WG1615884
p-Isopropyltoluene	U		0.00316	0.00620	1	02/04/2021 00:38	WG1615884
2-Butanone (MEK)	0.103	B J	0.0787	0.124	1	02/04/2021 00:38	WG1615884
Methylene Chloride	U		0.00823	0.0310	1	02/04/2021 00:38	WG1615884
4-Methyl-2-pentanone (MIBK)	U	C3	0.00283	0.0310	1	02/04/2021 00:38	WG1615884
Methyl tert-butyl ether	U		0.000434	0.00124	1	02/04/2021 00:38	WG1615884
Naphthalene	U		0.00605	0.0155	1	02/04/2021 00:38	WG1615884
n-Propylbenzene	U	C3	0.00118	0.00620	1	02/04/2021 00:38	WG1615884
Styrene	U		0.000284	0.0155	1	02/04/2021 00:38	WG1615884
1,1,1,2-Tetrachloroethane	U		0.00118	0.00310	1	02/04/2021 00:38	WG1615884
1,1,2,2-Tetrachloroethane	U	C3	0.000861	0.00310	1	02/04/2021 00:38	WG1615884
1,1,2-Trichlorotrifluoroethane	U		0.000935	0.00310	1	02/04/2021 00:38	WG1615884
Tetrachloroethene	0.00214	J	0.00111	0.00310	1	02/04/2021 00:38	WG1615884
Toluene	U		0.00161	0.00620	1	02/04/2021 00:38	WG1615884
1,2,3-Trichlorobenzene	U		0.00909	0.0155	1	02/04/2021 00:38	WG1615884
1,2,4-Trichlorobenzene	U		0.00545	0.0155	1	02/04/2021 00:38	WG1615884
1,1,1-Trichloroethane	U		0.00114	0.00310	1	02/04/2021 00:38	WG1615884
1,1,2-Trichloroethane	U		0.000740	0.00310	1	02/04/2021 00:38	WG1615884
Trichloroethene	U		0.000724	0.00124	1	02/04/2021 00:38	WG1615884
Trichlorofluoromethane	U		0.00103	0.00310	1	02/04/2021 00:38	WG1615884
1,2,3-Trichloropropane	U	C3	0.00201	0.0155	1	02/04/2021 00:38	WG1615884
1,2,4-Trimethylbenzene	U		0.00196	0.00620	1	02/04/2021 00:38	WG1615884
1,2,3-Trimethylbenzene	U		0.00196	0.00620	1	02/04/2021 00:38	WG1615884
1,3,5-Trimethylbenzene	U		0.00248	0.00620	1	02/04/2021 00:38	WG1615884
Vinyl acetate	U	C3	0.00315	0.0155	1	02/04/2021 00:38	WG1615884
Vinyl chloride	U		0.00144	0.00310	1	02/04/2021 00:38	WG1615884
Xylenes, Total	U		0.00109	0.00806	1	02/04/2021 00:38	WG1615884
(S) Toluene-d8	*104*			*75.0-131*		*02/04/2021 00:38*	WG1615884
(S) 4-Bromofluorobenzene	*95.3*			*67.0-138*		*02/04/2021 00:38*	WG1615884
(S) 1,2-Dichloroethane-d4	*98.0*			*70.0-130*		*02/04/2021 00:38*	WG1615884

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.0		1	02/04/2021 16:31	WG1616301

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.12	3.30	25	02/05/2021 17:09	WG1616906
(S) a,a,a-Trifluorotoluene(FID)	*96.2*			*77.0-120*		*02/05/2021 17:09*	WG1616906

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0482	0.0660	1	02/04/2021 00:57	WG1615884
Acrylonitrile	U		0.00477	0.0165	1	02/04/2021 00:57	WG1615884
Benzene	U		0.000616	0.00132	1	02/04/2021 00:57	WG1615884
Bromobenzene	U		0.00119	0.0165	1	02/04/2021 00:57	WG1615884
Bromodichloromethane	U		0.000957	0.00330	1	02/04/2021 00:57	WG1615884
Bromochloromethane	U		0.000745	0.00660	1	02/04/2021 00:57	WG1615884
Bromoform	U		0.00154	0.0330	1	02/04/2021 00:57	WG1615884
Bromomethane	U	J4	0.00260	0.0165	1	02/04/2021 00:57	WG1615884
n-Butylbenzene	U		0.00693	0.0165	1	02/04/2021 00:57	WG1615884
sec-Butylbenzene	U		0.00380	0.0165	1	02/04/2021 00:57	WG1615884
tert-Butylbenzene	U		0.00257	0.00660	1	02/04/2021 00:57	WG1615884
Carbon disulfide	U		0.000924	0.0165	1	02/04/2021 00:57	WG1615884
Carbon tetrachloride	U		0.00119	0.00660	1	02/04/2021 00:57	WG1615884
Chlorobenzene	U		0.000277	0.00330	1	02/04/2021 00:57	WG1615884
Chlorodibromomethane	U		0.000808	0.00330	1	02/04/2021 00:57	WG1615884
Chloroethane	U		0.00224	0.00660	1	02/04/2021 00:57	WG1615884
Chloroform	U		0.00136	0.00330	1	02/04/2021 00:57	WG1615884
Chloromethane	U		0.00574	0.0165	1	02/04/2021 00:57	WG1615884
2-Chlorotoluene	U	C3	0.00114	0.00330	1	02/04/2021 00:57	WG1615884
4-Chlorotoluene	U		0.000594	0.00660	1	02/04/2021 00:57	WG1615884
1,2-Dibromo-3-Chloropropane	U	C3	0.00515	0.0330	1	02/04/2021 00:57	WG1615884
1,2-Dibromoethane	U		0.000855	0.00330	1	02/04/2021 00:57	WG1615884
Dibromomethane	U		0.000990	0.00660	1	02/04/2021 00:57	WG1615884
1,2-Dichlorobenzene	U		0.000561	0.00660	1	02/04/2021 00:57	WG1615884
1,3-Dichlorobenzene	U		0.000792	0.00660	1	02/04/2021 00:57	WG1615884
1,4-Dichlorobenzene	U		0.000924	0.00660	1	02/04/2021 00:57	WG1615884
Dichlorodifluoromethane	U		0.00213	0.00330	1	02/04/2021 00:57	WG1615884
1,1-Dichloroethane	U		0.000648	0.00330	1	02/04/2021 00:57	WG1615884
1,2-Dichloroethane	U		0.000857	0.00330	1	02/04/2021 00:57	WG1615884
1,1-Dichloroethene	U		0.000800	0.00330	1	02/04/2021 00:57	WG1615884
cis-1,2-Dichloroethene	U		0.000969	0.00330	1	02/04/2021 00:57	WG1615884
trans-1,2-Dichloroethene	U		0.00137	0.00660	1	02/04/2021 00:57	WG1615884
1,2-Dichloropropane	U		0.00187	0.00660	1	02/04/2021 00:57	WG1615884
1,1-Dichloropropene	U		0.00107	0.00330	1	02/04/2021 00:57	WG1615884
1,3-Dichloropropane	U		0.000661	0.00660	1	02/04/2021 00:57	WG1615884
cis-1,3-Dichloropropene	U		0.000999	0.00330	1	02/04/2021 00:57	WG1615884
trans-1,3-Dichloropropene	U		0.00150	0.00660	1	02/04/2021 00:57	WG1615884
trans-1,4-Dichloro-2-butene	U	C3	0.00246	0.00660	1	02/04/2021 00:57	WG1615884
2,2-Dichloropropane	U		0.00182	0.00330	1	02/04/2021 00:57	WG1615884
Di-isopropyl ether	U		0.000541	0.00132	1	02/04/2021 00:57	WG1615884
Ethylbenzene	U		0.000973	0.00330	1	02/04/2021 00:57	WG1615884
Hexachloro-1,3-butadiene	U		0.00792	0.0330	1	02/04/2021 00:57	WG1615884
2-Hexanone	U	C3	0.00444	0.0330	1	02/04/2021 00:57	WG1615884
n-Hexane	U		0.00298	0.00660	1	02/04/2021 00:57	WG1615884

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Iodomethane	U		0.00306	0.0165	1	02/04/2021 00:57	WG1615884
Isopropylbenzene	U		0.000561	0.00330	1	02/04/2021 00:57	WG1615884
p-Isopropyltoluene	U		0.00337	0.00660	1	02/04/2021 00:57	WG1615884
2-Butanone (MEK)	0.0910	B J	0.0838	0.132	1	02/04/2021 00:57	WG1615884
Methylene Chloride	U		0.00877	0.0330	1	02/04/2021 00:57	WG1615884
4-Methyl-2-pentanone (MIBK)	U	C3	0.00301	0.0330	1	02/04/2021 00:57	WG1615884
Methyl tert-butyl ether	U		0.000462	0.00132	1	02/04/2021 00:57	WG1615884
Naphthalene	U		0.00644	0.0165	1	02/04/2021 00:57	WG1615884
n-Propylbenzene	U	C3	0.00125	0.00660	1	02/04/2021 00:57	WG1615884
Styrene	U		0.000302	0.0165	1	02/04/2021 00:57	WG1615884
1,1,1,2-Tetrachloroethane	U		0.00125	0.00330	1	02/04/2021 00:57	WG1615884
1,1,2,2-Tetrachloroethane	U	C3	0.000917	0.00330	1	02/04/2021 00:57	WG1615884
1,1,2-Trichlorotrifluoroethane	U		0.000995	0.00330	1	02/04/2021 00:57	WG1615884
Tetrachloroethene	U		0.00118	0.00330	1	02/04/2021 00:57	WG1615884
Toluene	U		0.00172	0.00660	1	02/04/2021 00:57	WG1615884
1,2,3-Trichlorobenzene	U		0.00968	0.0165	1	02/04/2021 00:57	WG1615884
1,2,4-Trichlorobenzene	U		0.00581	0.0165	1	02/04/2021 00:57	WG1615884
1,1,1-Trichloroethane	U		0.00122	0.00330	1	02/04/2021 00:57	WG1615884
1,1,2-Trichloroethane	U		0.000788	0.00330	1	02/04/2021 00:57	WG1615884
Trichloroethene	U		0.000771	0.00132	1	02/04/2021 00:57	WG1615884
Trichlorofluoromethane	U		0.00109	0.00330	1	02/04/2021 00:57	WG1615884
1,2,3-Trichloropropane	U	C3	0.00214	0.0165	1	02/04/2021 00:57	WG1615884
1,2,4-Trimethylbenzene	U		0.00209	0.00660	1	02/04/2021 00:57	WG1615884
1,2,3-Trimethylbenzene	U		0.00209	0.00660	1	02/04/2021 00:57	WG1615884
1,3,5-Trimethylbenzene	U		0.00264	0.00660	1	02/04/2021 00:57	WG1615884
Vinyl acetate	U	C3	0.00335	0.0165	1	02/04/2021 00:57	WG1615884
Vinyl chloride	U		0.00153	0.00330	1	02/04/2021 00:57	WG1615884
Xylenes, Total	U		0.00116	0.00858	1	02/04/2021 00:57	WG1615884
(S) Toluene-d8	*105*			*75.0-131*		*02/04/2021 00:57*	WG1615884
(S) 4-Bromofluorobenzene	*96.9*			*67.0-138*		*02/04/2021 00:57*	WG1615884
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*02/04/2021 00:57*	WG1615884

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.7		1	02/04/2021 16:31	WG1616301

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.01	2.98	25	02/05/2021 17:30	WG1616906
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*77.0-120*		*02/05/2021 17:30*	WG1616906

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0435	0.0596	1	02/04/2021 01:16	WG1615884
Acrylonitrile	U		0.00430	0.0149	1	02/04/2021 01:16	WG1615884
Benzene	U		0.000557	0.00119	1	02/04/2021 01:16	WG1615884
Bromobenzene	U		0.00107	0.0149	1	02/04/2021 01:16	WG1615884
Bromodichloromethane	U		0.000864	0.00298	1	02/04/2021 01:16	WG1615884
Bromochloromethane	U		0.000672	0.00596	1	02/04/2021 01:16	WG1615884
Bromoform	U		0.00139	0.0298	1	02/04/2021 01:16	WG1615884
Bromomethane	U	J4	0.00235	0.0149	1	02/04/2021 01:16	WG1615884
n-Butylbenzene	U		0.00626	0.0149	1	02/04/2021 01:16	WG1615884
sec-Butylbenzene	U		0.00343	0.0149	1	02/04/2021 01:16	WG1615884
tert-Butylbenzene	U		0.00232	0.00596	1	02/04/2021 01:16	WG1615884
Carbon disulfide	U		0.000834	0.0149	1	02/04/2021 01:16	WG1615884
Carbon tetrachloride	U		0.00107	0.00596	1	02/04/2021 01:16	WG1615884
Chlorobenzene	U		0.000250	0.00298	1	02/04/2021 01:16	WG1615884
Chlorodibromomethane	U		0.000729	0.00298	1	02/04/2021 01:16	WG1615884
Chloroethane	U		0.00203	0.00596	1	02/04/2021 01:16	WG1615884
Chloroform	U		0.00123	0.00298	1	02/04/2021 01:16	WG1615884
Chloromethane	U		0.00518	0.0149	1	02/04/2021 01:16	WG1615884
2-Chlorotoluene	U	C3	0.00103	0.00298	1	02/04/2021 01:16	WG1615884
4-Chlorotoluene	U		0.000536	0.00596	1	02/04/2021 01:16	WG1615884
1,2-Dibromo-3-Chloropropane	U	C3	0.00465	0.0298	1	02/04/2021 01:16	WG1615884
1,2-Dibromoethane	U		0.000772	0.00298	1	02/04/2021 01:16	WG1615884
Dibromomethane	U		0.000894	0.00596	1	02/04/2021 01:16	WG1615884
1,2-Dichlorobenzene	U		0.000507	0.00596	1	02/04/2021 01:16	WG1615884
1,3-Dichlorobenzene	U		0.000715	0.00596	1	02/04/2021 01:16	WG1615884
1,4-Dichlorobenzene	U		0.000834	0.00596	1	02/04/2021 01:16	WG1615884
Dichlorodifluoromethane	U		0.00192	0.00298	1	02/04/2021 01:16	WG1615884
1,1-Dichloroethane	U		0.000585	0.00298	1	02/04/2021 01:16	WG1615884
1,2-Dichloroethane	U		0.000774	0.00298	1	02/04/2021 01:16	WG1615884
1,1-Dichloroethene	U		0.000722	0.00298	1	02/04/2021 01:16	WG1615884
cis-1,2-Dichloroethene	U		0.000875	0.00298	1	02/04/2021 01:16	WG1615884
trans-1,2-Dichloroethene	U		0.00124	0.00596	1	02/04/2021 01:16	WG1615884
1,2-Dichloropropane	U		0.00169	0.00596	1	02/04/2021 01:16	WG1615884
1,1-Dichloropropene	U		0.000964	0.00298	1	02/04/2021 01:16	WG1615884
1,3-Dichloropropane	U		0.000597	0.00596	1	02/04/2021 01:16	WG1615884
cis-1,3-Dichloropropene	U		0.000902	0.00298	1	02/04/2021 01:16	WG1615884
trans-1,3-Dichloropropene	U		0.00136	0.00596	1	02/04/2021 01:16	WG1615884
trans-1,4-Dichloro-2-butene	U	C3	0.00222	0.00596	1	02/04/2021 01:16	WG1615884
2,2-Dichloropropane	U		0.00164	0.00298	1	02/04/2021 01:16	WG1615884
Di-isopropyl ether	U		0.000489	0.00119	1	02/04/2021 01:16	WG1615884
Ethylbenzene	U		0.000878	0.00298	1	02/04/2021 01:16	WG1615884
Hexachloro-1,3-butadiene	U		0.00715	0.0298	1	02/04/2021 01:16	WG1615884
2-Hexanone	U	C3	0.00400	0.0298	1	02/04/2021 01:16	WG1615884
n-Hexane	U		0.00269	0.00596	1	02/04/2021 01:16	WG1615884

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Iodomethane	U		0.00277	0.0149	1	02/04/2021 01:16	WG1615884
Isopropylbenzene	U		0.000507	0.00298	1	02/04/2021 01:16	WG1615884
p-Isopropyltoluene	U		0.00304	0.00596	1	02/04/2021 01:16	WG1615884
2-Butanone (MEK)	0.0884	B J	0.0757	0.119	1	02/04/2021 01:16	WG1615884
Methylene Chloride	U		0.00791	0.0298	1	02/04/2021 01:16	WG1615884
4-Methyl-2-pentanone (MIBK)	U	C3	0.00272	0.0298	1	02/04/2021 01:16	WG1615884
Methyl tert-butyl ether	U		0.000417	0.00119	1	02/04/2021 01:16	WG1615884
Naphthalene	U		0.00582	0.0149	1	02/04/2021 01:16	WG1615884
n-Propylbenzene	U	C3	0.00113	0.00596	1	02/04/2021 01:16	WG1615884
Styrene	U		0.000273	0.0149	1	02/04/2021 01:16	WG1615884
1,1,1,2-Tetrachloroethane	U		0.00113	0.00298	1	02/04/2021 01:16	WG1615884
1,1,2,2-Tetrachloroethane	U	C3	0.000828	0.00298	1	02/04/2021 01:16	WG1615884
1,1,2-Trichlorotrifluoroethane	U		0.000899	0.00298	1	02/04/2021 01:16	WG1615884
Tetrachloroethene	0.00126	J	0.00107	0.00298	1	02/04/2021 01:16	WG1615884
Toluene	U		0.00155	0.00596	1	02/04/2021 01:16	WG1615884
1,2,3-Trichlorobenzene	U		0.00874	0.0149	1	02/04/2021 01:16	WG1615884
1,2,4-Trichlorobenzene	U		0.00524	0.0149	1	02/04/2021 01:16	WG1615884
1,1,1-Trichloroethane	U		0.00110	0.00298	1	02/04/2021 01:16	WG1615884
1,1,2-Trichloroethane	U		0.000712	0.00298	1	02/04/2021 01:16	WG1615884
Trichloroethene	U		0.000696	0.00119	1	02/04/2021 01:16	WG1615884
Trichlorofluoromethane	U		0.000986	0.00298	1	02/04/2021 01:16	WG1615884
1,2,3-Trichloropropane	U	C3	0.00193	0.0149	1	02/04/2021 01:16	WG1615884
1,2,4-Trimethylbenzene	U		0.00188	0.00596	1	02/04/2021 01:16	WG1615884
1,2,3-Trimethylbenzene	U		0.00188	0.00596	1	02/04/2021 01:16	WG1615884
1,3,5-Trimethylbenzene	U		0.00238	0.00596	1	02/04/2021 01:16	WG1615884
Vinyl acetate	U	C3	0.00303	0.0149	1	02/04/2021 01:16	WG1615884
Vinyl chloride	U		0.00138	0.00298	1	02/04/2021 01:16	WG1615884
Xylenes, Total	0.00170	J	0.00105	0.00775	1	02/04/2021 01:16	WG1615884
(S) Toluene-d8	*105*			*75.0-131*		*02/04/2021 01:16*	WG1615884
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*		*02/04/2021 01:16*	WG1615884
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*02/04/2021 01:16*	WG1615884

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.9		1	02/04/2021 16:31	WG1616301

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.12	3.30	25	02/05/2021 17:51	WG1616906
(S) a,a,a-Trifluorotoluene(FID)	*95.5*			*77.0-120*		*02/05/2021 17:51*	WG1616906

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0482	0.0661	1	02/04/2021 01:35	WG1615884
Acrylonitrile	U		0.00477	0.0165	1	02/04/2021 01:35	WG1615884
Benzene	U		0.000617	0.00132	1	02/04/2021 01:35	WG1615884
Bromobenzene	U		0.00119	0.0165	1	02/04/2021 01:35	WG1615884
Bromodichloromethane	U		0.000958	0.00330	1	02/04/2021 01:35	WG1615884
Bromochloromethane	U		0.000745	0.00661	1	02/04/2021 01:35	WG1615884
Bromoform	U		0.00155	0.0330	1	02/04/2021 01:35	WG1615884
Bromomethane	U	J4	0.00260	0.0165	1	02/04/2021 01:35	WG1615884
n-Butylbenzene	U		0.00694	0.0165	1	02/04/2021 01:35	WG1615884
sec-Butylbenzene	U		0.00381	0.0165	1	02/04/2021 01:35	WG1615884
tert-Butylbenzene	U		0.00258	0.00661	1	02/04/2021 01:35	WG1615884
Carbon disulfide	U		0.000925	0.0165	1	02/04/2021 01:35	WG1615884
Carbon tetrachloride	U		0.00119	0.00661	1	02/04/2021 01:35	WG1615884
Chlorobenzene	U		0.000278	0.00330	1	02/04/2021 01:35	WG1615884
Chlorodibromomethane	U		0.000809	0.00330	1	02/04/2021 01:35	WG1615884
Chloroethane	U		0.00225	0.00661	1	02/04/2021 01:35	WG1615884
Chloroform	U		0.00136	0.00330	1	02/04/2021 01:35	WG1615884
Chloromethane	U		0.00575	0.0165	1	02/04/2021 01:35	WG1615884
2-Chlorotoluene	U	C3	0.00114	0.00330	1	02/04/2021 01:35	WG1615884
4-Chlorotoluene	U		0.000595	0.00661	1	02/04/2021 01:35	WG1615884
1,2-Dibromo-3-Chloropropane	U	C3	0.00515	0.0330	1	02/04/2021 01:35	WG1615884
1,2-Dibromoethane	U		0.000856	0.00330	1	02/04/2021 01:35	WG1615884
Dibromomethane	U		0.000991	0.00661	1	02/04/2021 01:35	WG1615884
1,2-Dichlorobenzene	U		0.000562	0.00661	1	02/04/2021 01:35	WG1615884
1,3-Dichlorobenzene	U		0.000793	0.00661	1	02/04/2021 01:35	WG1615884
1,4-Dichlorobenzene	U		0.000925	0.00661	1	02/04/2021 01:35	WG1615884
Dichlorodifluoromethane	U		0.00213	0.00330	1	02/04/2021 01:35	WG1615884
1,1-Dichloroethane	U		0.000649	0.00330	1	02/04/2021 01:35	WG1615884
1,2-Dichloroethane	U		0.000858	0.00330	1	02/04/2021 01:35	WG1615884
1,1-Dichloroethene	U		0.000801	0.00330	1	02/04/2021 01:35	WG1615884
cis-1,2-Dichloroethene	U		0.000970	0.00330	1	02/04/2021 01:35	WG1615884
trans-1,2-Dichloroethene	U		0.00137	0.00661	1	02/04/2021 01:35	WG1615884
1,2-Dichloropropane	U		0.00188	0.00661	1	02/04/2021 01:35	WG1615884
1,1-Dichloropropene	U		0.00107	0.00330	1	02/04/2021 01:35	WG1615884
1,3-Dichloropropane	U		0.000662	0.00661	1	02/04/2021 01:35	WG1615884
cis-1,3-Dichloropropene	U		0.00100	0.00330	1	02/04/2021 01:35	WG1615884
trans-1,3-Dichloropropene	U		0.00151	0.00661	1	02/04/2021 01:35	WG1615884
trans-1,4-Dichloro-2-butene	U	C3	0.00246	0.00661	1	02/04/2021 01:35	WG1615884
2,2-Dichloropropane	U		0.00182	0.00330	1	02/04/2021 01:35	WG1615884
Di-isopropyl ether	U		0.000542	0.00132	1	02/04/2021 01:35	WG1615884
Ethylbenzene	U		0.000974	0.00330	1	02/04/2021 01:35	WG1615884
Hexachloro-1,3-butadiene	U		0.00793	0.0330	1	02/04/2021 01:35	WG1615884
2-Hexanone	U	C3	0.00444	0.0330	1	02/04/2021 01:35	WG1615884
n-Hexane	U		0.00299	0.00661	1	02/04/2021 01:35	WG1615884

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Iodomethane	U		0.00307	0.0165	1	02/04/2021 01:35	WG1615884
Isopropylbenzene	U		0.000562	0.00330	1	02/04/2021 01:35	WG1615884
p-Isopropyltoluene	U		0.00337	0.00661	1	02/04/2021 01:35	WG1615884
2-Butanone (MEK)	U		0.0839	0.132	1	02/04/2021 01:35	WG1615884
Methylene Chloride	U		0.00878	0.0330	1	02/04/2021 01:35	WG1615884
4-Methyl-2-pentanone (MIBK)	U	C3	0.00301	0.0330	1	02/04/2021 01:35	WG1615884
Methyl tert-butyl ether	U		0.000463	0.00132	1	02/04/2021 01:35	WG1615884
Naphthalene	U		0.00645	0.0165	1	02/04/2021 01:35	WG1615884
n-Propylbenzene	U	C3	0.00126	0.00661	1	02/04/2021 01:35	WG1615884
Styrene	U		0.000303	0.0165	1	02/04/2021 01:35	WG1615884
1,1,1,2-Tetrachloroethane	U		0.00125	0.00330	1	02/04/2021 01:35	WG1615884
1,1,2,2-Tetrachloroethane	U	C3	0.000919	0.00330	1	02/04/2021 01:35	WG1615884
1,1,2-Trichlorotrifluoroethane	U		0.000996	0.00330	1	02/04/2021 01:35	WG1615884
Tetrachloroethene	U		0.00118	0.00330	1	02/04/2021 01:35	WG1615884
Toluene	U		0.00172	0.00661	1	02/04/2021 01:35	WG1615884
1,2,3-Trichlorobenzene	U		0.00969	0.0165	1	02/04/2021 01:35	WG1615884
1,2,4-Trichlorobenzene	U		0.00582	0.0165	1	02/04/2021 01:35	WG1615884
1,1,1-Trichloroethane	U		0.00122	0.00330	1	02/04/2021 01:35	WG1615884
1,1,2-Trichloroethane	U		0.000789	0.00330	1	02/04/2021 01:35	WG1615884
Trichloroethene	U		0.000772	0.00132	1	02/04/2021 01:35	WG1615884
Trichlorofluoromethane	U		0.00109	0.00330	1	02/04/2021 01:35	WG1615884
1,2,3-Trichloropropane	U	C3	0.00214	0.0165	1	02/04/2021 01:35	WG1615884
1,2,4-Trimethylbenzene	0.00225	J	0.00209	0.00661	1	02/04/2021 01:35	WG1615884
1,2,3-Trimethylbenzene	U		0.00209	0.00661	1	02/04/2021 01:35	WG1615884
1,3,5-Trimethylbenzene	U		0.00264	0.00661	1	02/04/2021 01:35	WG1615884
Vinyl acetate	U	C3	0.00336	0.0165	1	02/04/2021 01:35	WG1615884
Vinyl chloride	U		0.00153	0.00330	1	02/04/2021 01:35	WG1615884
Xylenes, Total	0.00608	J	0.00116	0.00859	1	02/04/2021 01:35	WG1615884
(S) Toluene-d8	*107*			*75.0-131*		*02/04/2021 01:35*	WG1615884
(S) 4-Bromofluorobenzene	*98.9*			*67.0-138*		*02/04/2021 01:35*	WG1615884
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*02/04/2021 01:35*	WG1615884

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.7		1	02/04/2021 11:52	WG1616364

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.09	3.22	25	02/05/2021 18:11	WG1616906
(S) a,a,a-Trifluorotoluene(FID)	*97.1*			*77.0-120*		*02/05/2021 18:11*	WG1616906

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0471	0.0645	1	02/04/2021 01:54	WG1615884
Acrylonitrile	U		0.00466	0.0161	1	02/04/2021 01:54	WG1615884
Benzene	U		0.000602	0.00129	1	02/04/2021 01:54	WG1615884
Bromobenzene	U		0.00116	0.0161	1	02/04/2021 01:54	WG1615884
Bromodichloromethane	U		0.000935	0.00322	1	02/04/2021 01:54	WG1615884
Bromochloromethane	U		0.000727	0.00645	1	02/04/2021 01:54	WG1615884
Bromoform	U		0.00151	0.0322	1	02/04/2021 01:54	WG1615884
Bromomethane	U	J4	0.00254	0.0161	1	02/04/2021 01:54	WG1615884
n-Butylbenzene	U		0.00677	0.0161	1	02/04/2021 01:54	WG1615884
sec-Butylbenzene	U		0.00371	0.0161	1	02/04/2021 01:54	WG1615884
tert-Butylbenzene	U		0.00251	0.00645	1	02/04/2021 01:54	WG1615884
Carbon disulfide	U		0.000903	0.0161	1	02/04/2021 01:54	WG1615884
Carbon tetrachloride	U		0.00116	0.00645	1	02/04/2021 01:54	WG1615884
Chlorobenzene	U		0.000271	0.00322	1	02/04/2021 01:54	WG1615884
Chlorodibromomethane	U		0.000789	0.00322	1	02/04/2021 01:54	WG1615884
Chloroethane	U		0.00219	0.00645	1	02/04/2021 01:54	WG1615884
Chloroform	U		0.00133	0.00322	1	02/04/2021 01:54	WG1615884
Chloromethane	U		0.00561	0.0161	1	02/04/2021 01:54	WG1615884
2-Chlorotoluene	U	C3	0.00112	0.00322	1	02/04/2021 01:54	WG1615884
4-Chlorotoluene	U		0.000580	0.00645	1	02/04/2021 01:54	WG1615884
1,2-Dibromo-3-Chloropropane	U	C3	0.00503	0.0322	1	02/04/2021 01:54	WG1615884
1,2-Dibromoethane	U		0.000836	0.00322	1	02/04/2021 01:54	WG1615884
Dibromomethane	U		0.000967	0.00645	1	02/04/2021 01:54	WG1615884
1,2-Dichlorobenzene	U		0.000548	0.00645	1	02/04/2021 01:54	WG1615884
1,3-Dichlorobenzene	U		0.000774	0.00645	1	02/04/2021 01:54	WG1615884
1,4-Dichlorobenzene	U		0.000903	0.00645	1	02/04/2021 01:54	WG1615884
Dichlorodifluoromethane	U		0.00208	0.00322	1	02/04/2021 01:54	WG1615884
1,1-Dichloroethane	U		0.000633	0.00322	1	02/04/2021 01:54	WG1615884
1,2-Dichloroethane	U		0.000837	0.00322	1	02/04/2021 01:54	WG1615884
1,1-Dichloroethene	U		0.000782	0.00322	1	02/04/2021 01:54	WG1615884
cis-1,2-Dichloroethene	U		0.000947	0.00322	1	02/04/2021 01:54	WG1615884
trans-1,2-Dichloroethene	U		0.00134	0.00645	1	02/04/2021 01:54	WG1615884
1,2-Dichloropropane	U		0.00183	0.00645	1	02/04/2021 01:54	WG1615884
1,1-Dichloropropene	U		0.00104	0.00322	1	02/04/2021 01:54	WG1615884
1,3-Dichloropropane	U		0.000646	0.00645	1	02/04/2021 01:54	WG1615884
cis-1,3-Dichloropropene	U		0.000976	0.00322	1	02/04/2021 01:54	WG1615884
trans-1,3-Dichloropropene	U		0.00147	0.00645	1	02/04/2021 01:54	WG1615884
trans-1,4-Dichloro-2-butene	U	C3	0.00240	0.00645	1	02/04/2021 01:54	WG1615884
2,2-Dichloropropane	U		0.00178	0.00322	1	02/04/2021 01:54	WG1615884
Di-isopropyl ether	U		0.000529	0.00129	1	02/04/2021 01:54	WG1615884
Ethylbenzene	U		0.000951	0.00322	1	02/04/2021 01:54	WG1615884
Hexachloro-1,3-butadiene	U		0.00774	0.0322	1	02/04/2021 01:54	WG1615884
2-Hexanone	U	C3	0.00433	0.0322	1	02/04/2021 01:54	WG1615884
n-Hexane	U		0.00291	0.00645	1	02/04/2021 01:54	WG1615884

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Iodomethane	U		0.00299	0.0161	1	02/04/2021 01:54	WG1615884
Isopropylbenzene	U		0.000548	0.00322	1	02/04/2021 01:54	WG1615884
p-Isopropyltoluene	U		0.00329	0.00645	1	02/04/2021 01:54	WG1615884
2-Butanone (MEK)	0.0837	B J	0.0819	0.129	1	02/04/2021 01:54	WG1615884
Methylene Chloride	U		0.00856	0.0322	1	02/04/2021 01:54	WG1615884
4-Methyl-2-pentanone (MIBK)	U	C3	0.00294	0.0322	1	02/04/2021 01:54	WG1615884
Methyl tert-butyl ether	U		0.000451	0.00129	1	02/04/2021 01:54	WG1615884
Naphthalene	U		0.00629	0.0161	1	02/04/2021 01:54	WG1615884
n-Propylbenzene	U	C3	0.00123	0.00645	1	02/04/2021 01:54	WG1615884
Styrene	U		0.000295	0.0161	1	02/04/2021 01:54	WG1615884
1,1,1,2-Tetrachloroethane	U		0.00122	0.00322	1	02/04/2021 01:54	WG1615884
1,1,2,2-Tetrachloroethane	U	C3	0.000896	0.00322	1	02/04/2021 01:54	WG1615884
1,1,2-Trichlorotrifluoroethane	U		0.000972	0.00322	1	02/04/2021 01:54	WG1615884
Tetrachloroethene	0.00172	J	0.00116	0.00322	1	02/04/2021 01:54	WG1615884
Toluene	U		0.00168	0.00645	1	02/04/2021 01:54	WG1615884
1,2,3-Trichlorobenzene	U		0.00945	0.0161	1	02/04/2021 01:54	WG1615884
1,2,4-Trichlorobenzene	U		0.00567	0.0161	1	02/04/2021 01:54	WG1615884
1,1,1-Trichloroethane	U		0.00119	0.00322	1	02/04/2021 01:54	WG1615884
1,1,2-Trichloroethane	U		0.000770	0.00322	1	02/04/2021 01:54	WG1615884
Trichloroethene	U		0.000753	0.00129	1	02/04/2021 01:54	WG1615884
Trichlorofluoromethane	U		0.00107	0.00322	1	02/04/2021 01:54	WG1615884
1,2,3-Trichloropropane	U	C3	0.00209	0.0161	1	02/04/2021 01:54	WG1615884
1,2,4-Trimethylbenzene	U		0.00204	0.00645	1	02/04/2021 01:54	WG1615884
1,2,3-Trimethylbenzene	U		0.00204	0.00645	1	02/04/2021 01:54	WG1615884
1,3,5-Trimethylbenzene	U		0.00258	0.00645	1	02/04/2021 01:54	WG1615884
Vinyl acetate	U	C3	0.00328	0.0161	1	02/04/2021 01:54	WG1615884
Vinyl chloride	U		0.00150	0.00322	1	02/04/2021 01:54	WG1615884
Xylenes, Total	U		0.00113	0.00838	1	02/04/2021 01:54	WG1615884
(S) Toluene-d8	*106*			*75.0-131*		*02/04/2021 01:54*	WG1615884
(S) 4-Bromofluorobenzene	*98.7*			*67.0-138*		*02/04/2021 01:54*	WG1615884
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*02/04/2021 01:54*	WG1615884

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.8		1	02/04/2021 11:52	WG1616364

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.09	3.21	25	02/05/2021 18:32	WG1616906
(S) a,a,a-Trifluorotoluene(FID)	*95.9*			*77.0-120*		*02/05/2021 18:32*	WG1616906

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0468	0.0641	1	02/04/2021 02:13	WG1615884
Acrylonitrile	U		0.00463	0.0160	1	02/04/2021 02:13	WG1615884
Benzene	U		0.000599	0.00128	1	02/04/2021 02:13	WG1615884
Bromobenzene	U		0.00115	0.0160	1	02/04/2021 02:13	WG1615884
Bromodichloromethane	U		0.000930	0.00321	1	02/04/2021 02:13	WG1615884
Bromochloromethane	U		0.000723	0.00641	1	02/04/2021 02:13	WG1615884
Bromoform	U		0.00150	0.0321	1	02/04/2021 02:13	WG1615884
Bromomethane	U	J4	0.00253	0.0160	1	02/04/2021 02:13	WG1615884
n-Butylbenzene	U		0.00673	0.0160	1	02/04/2021 02:13	WG1615884
sec-Butylbenzene	U		0.00369	0.0160	1	02/04/2021 02:13	WG1615884
tert-Butylbenzene	U		0.00250	0.00641	1	02/04/2021 02:13	WG1615884
Carbon disulfide	U		0.000898	0.0160	1	02/04/2021 02:13	WG1615884
Carbon tetrachloride	U		0.00115	0.00641	1	02/04/2021 02:13	WG1615884
Chlorobenzene	U		0.000269	0.00321	1	02/04/2021 02:13	WG1615884
Chlorodibromomethane	U		0.000785	0.00321	1	02/04/2021 02:13	WG1615884
Chloroethane	U		0.00218	0.00641	1	02/04/2021 02:13	WG1615884
Chloroform	U		0.00132	0.00321	1	02/04/2021 02:13	WG1615884
Chloromethane	U		0.00558	0.0160	1	02/04/2021 02:13	WG1615884
2-Chlorotoluene	U	C3	0.00111	0.00321	1	02/04/2021 02:13	WG1615884
4-Chlorotoluene	U		0.000577	0.00641	1	02/04/2021 02:13	WG1615884
1,2-Dibromo-3-Chloropropane	U	C3	0.00500	0.0321	1	02/04/2021 02:13	WG1615884
1,2-Dibromoethane	U		0.000831	0.00321	1	02/04/2021 02:13	WG1615884
Dibromomethane	U		0.000962	0.00641	1	02/04/2021 02:13	WG1615884
1,2-Dichlorobenzene	U		0.000545	0.00641	1	02/04/2021 02:13	WG1615884
1,3-Dichlorobenzene	U		0.000770	0.00641	1	02/04/2021 02:13	WG1615884
1,4-Dichlorobenzene	U		0.000898	0.00641	1	02/04/2021 02:13	WG1615884
Dichlorodifluoromethane	U		0.00207	0.00321	1	02/04/2021 02:13	WG1615884
1,1-Dichloroethane	U		0.000630	0.00321	1	02/04/2021 02:13	WG1615884
1,2-Dichloroethane	U		0.000832	0.00321	1	02/04/2021 02:13	WG1615884
1,1-Dichloroethene	U		0.000777	0.00321	1	02/04/2021 02:13	WG1615884
cis-1,2-Dichloroethene	U		0.000941	0.00321	1	02/04/2021 02:13	WG1615884
trans-1,2-Dichloroethene	U		0.00133	0.00641	1	02/04/2021 02:13	WG1615884
1,2-Dichloropropane	U		0.00182	0.00641	1	02/04/2021 02:13	WG1615884
1,1-Dichloropropene	U		0.00104	0.00321	1	02/04/2021 02:13	WG1615884
1,3-Dichloropropane	U		0.000643	0.00641	1	02/04/2021 02:13	WG1615884
cis-1,3-Dichloropropene	U		0.000971	0.00321	1	02/04/2021 02:13	WG1615884
trans-1,3-Dichloropropene	U		0.00146	0.00641	1	02/04/2021 02:13	WG1615884
trans-1,4-Dichloro-2-butene	U	C3	0.00239	0.00641	1	02/04/2021 02:13	WG1615884
2,2-Dichloropropane	U		0.00177	0.00321	1	02/04/2021 02:13	WG1615884
Di-isopropyl ether	U		0.000526	0.00128	1	02/04/2021 02:13	WG1615884
Ethylbenzene	U		0.000945	0.00321	1	02/04/2021 02:13	WG1615884
Hexachloro-1,3-butadiene	U		0.00770	0.0321	1	02/04/2021 02:13	WG1615884
2-Hexanone	U	C3	0.00431	0.0321	1	02/04/2021 02:13	WG1615884
n-Hexane	U		0.00290	0.00641	1	02/04/2021 02:13	WG1615884

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Iodomethane	U		0.00298	0.0160	1	02/04/2021 02:13	WG1615884
Isopropylbenzene	U		0.000545	0.00321	1	02/04/2021 02:13	WG1615884
p-Isopropyltoluene	U		0.00327	0.00641	1	02/04/2021 02:13	WG1615884
2-Butanone (MEK)	0.0839	B J	0.0814	0.128	1	02/04/2021 02:13	WG1615884
Methylene Chloride	U		0.00852	0.0321	1	02/04/2021 02:13	WG1615884
4-Methyl-2-pentanone (MIBK)	U	C3	0.00292	0.0321	1	02/04/2021 02:13	WG1615884
Methyl tert-butyl ether	U		0.000449	0.00128	1	02/04/2021 02:13	WG1615884
Naphthalene	U		0.00626	0.0160	1	02/04/2021 02:13	WG1615884
n-Propylbenzene	U	C3	0.00122	0.00641	1	02/04/2021 02:13	WG1615884
Styrene	U		0.000294	0.0160	1	02/04/2021 02:13	WG1615884
1,1,1,2-Tetrachloroethane	U		0.00122	0.00321	1	02/04/2021 02:13	WG1615884
1,1,2,2-Tetrachloroethane	U	C3	0.000891	0.00321	1	02/04/2021 02:13	WG1615884
1,1,2-Trichlorotrifluoroethane	U		0.000967	0.00321	1	02/04/2021 02:13	WG1615884
Tetrachloroethene	0.00156	J	0.00115	0.00321	1	02/04/2021 02:13	WG1615884
Toluene	U		0.00167	0.00641	1	02/04/2021 02:13	WG1615884
1,2,3-Trichlorobenzene	U		0.00940	0.0160	1	02/04/2021 02:13	WG1615884
1,2,4-Trichlorobenzene	U		0.00564	0.0160	1	02/04/2021 02:13	WG1615884
1,1,1-Trichloroethane	U		0.00118	0.00321	1	02/04/2021 02:13	WG1615884
1,1,2-Trichloroethane	U		0.000766	0.00321	1	02/04/2021 02:13	WG1615884
Trichloroethene	U		0.000749	0.00128	1	02/04/2021 02:13	WG1615884
Trichlorofluoromethane	U		0.00106	0.00321	1	02/04/2021 02:13	WG1615884
1,2,3-Trichloropropane	U	C3	0.00208	0.0160	1	02/04/2021 02:13	WG1615884
1,2,4-Trimethylbenzene	U		0.00203	0.00641	1	02/04/2021 02:13	WG1615884
1,2,3-Trimethylbenzene	U		0.00203	0.00641	1	02/04/2021 02:13	WG1615884
1,3,5-Trimethylbenzene	U		0.00257	0.00641	1	02/04/2021 02:13	WG1615884
Vinyl acetate	U	C3	0.00326	0.0160	1	02/04/2021 02:13	WG1615884
Vinyl chloride	U		0.00149	0.00321	1	02/04/2021 02:13	WG1615884
Xylenes, Total	U		0.00113	0.00834	1	02/04/2021 02:13	WG1615884
(S) Toluene-d8	*104*			*75.0-131*		*02/04/2021 02:13*	WG1615884
(S) 4-Bromofluorobenzene	*98.2*			*67.0-138*		*02/04/2021 02:13*	WG1615884
(S) 1,2-Dichloroethane-d4	*97.4*			*70.0-130*		*02/04/2021 02:13*	WG1615884

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.5		1	02/04/2021 13:12	WG1616394

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.15	3.38	25	02/05/2021 18:53	WG1616906
(S) a,a,a-Trifluorotoluene(FID)	*96.4*			*77.0-120*		*02/05/2021 18:53*	WG1616906

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0493	0.0676	1	02/04/2021 02:32	WG1615884
Acrylonitrile	U		0.00488	0.0169	1	02/04/2021 02:32	WG1615884
Benzene	U		0.000631	0.00135	1	02/04/2021 02:32	WG1615884
Bromobenzene	U		0.00122	0.0169	1	02/04/2021 02:32	WG1615884
Bromodichloromethane	U		0.000980	0.00338	1	02/04/2021 02:32	WG1615884
Bromochloromethane	U		0.000762	0.00676	1	02/04/2021 02:32	WG1615884
Bromoform	U		0.00158	0.0338	1	02/04/2021 02:32	WG1615884
Bromomethane	U	J4	0.00266	0.0169	1	02/04/2021 02:32	WG1615884
n-Butylbenzene	U		0.00710	0.0169	1	02/04/2021 02:32	WG1615884
sec-Butylbenzene	U		0.00389	0.0169	1	02/04/2021 02:32	WG1615884
tert-Butylbenzene	U		0.00264	0.00676	1	02/04/2021 02:32	WG1615884
Carbon disulfide	U		0.000946	0.0169	1	02/04/2021 02:32	WG1615884
Carbon tetrachloride	U		0.00121	0.00676	1	02/04/2021 02:32	WG1615884
Chlorobenzene	U		0.000284	0.00338	1	02/04/2021 02:32	WG1615884
Chlorodibromomethane	U		0.000827	0.00338	1	02/04/2021 02:32	WG1615884
Chloroethane	U		0.00230	0.00676	1	02/04/2021 02:32	WG1615884
Chloroform	U		0.00139	0.00338	1	02/04/2021 02:32	WG1615884
Chloromethane	U		0.00588	0.0169	1	02/04/2021 02:32	WG1615884
2-Chlorotoluene	U	C3	0.00117	0.00338	1	02/04/2021 02:32	WG1615884
4-Chlorotoluene	U		0.000608	0.00676	1	02/04/2021 02:32	WG1615884
1,2-Dibromo-3-Chloropropane	U	C3	0.00527	0.0338	1	02/04/2021 02:32	WG1615884
1,2-Dibromoethane	U		0.000876	0.00338	1	02/04/2021 02:32	WG1615884
Dibromomethane	U		0.00101	0.00676	1	02/04/2021 02:32	WG1615884
1,2-Dichlorobenzene	U		0.000574	0.00676	1	02/04/2021 02:32	WG1615884
1,3-Dichlorobenzene	U		0.000811	0.00676	1	02/04/2021 02:32	WG1615884
1,4-Dichlorobenzene	U		0.000946	0.00676	1	02/04/2021 02:32	WG1615884
Dichlorodifluoromethane	U		0.00218	0.00338	1	02/04/2021 02:32	WG1615884
1,1-Dichloroethane	U		0.000664	0.00338	1	02/04/2021 02:32	WG1615884
1,2-Dichloroethane	U		0.000877	0.00338	1	02/04/2021 02:32	WG1615884
1,1-Dichloroethene	U		0.000819	0.00338	1	02/04/2021 02:32	WG1615884
cis-1,2-Dichloroethene	U		0.000992	0.00338	1	02/04/2021 02:32	WG1615884
trans-1,2-Dichloroethene	U		0.00141	0.00676	1	02/04/2021 02:32	WG1615884
1,2-Dichloropropane	U		0.00192	0.00676	1	02/04/2021 02:32	WG1615884
1,1-Dichloropropene	U		0.00109	0.00338	1	02/04/2021 02:32	WG1615884
1,3-Dichloropropane	U		0.000677	0.00676	1	02/04/2021 02:32	WG1615884
cis-1,3-Dichloropropene	U		0.00102	0.00338	1	02/04/2021 02:32	WG1615884
trans-1,3-Dichloropropene	U		0.00154	0.00676	1	02/04/2021 02:32	WG1615884
trans-1,4-Dichloro-2-butene	U	C3	0.00251	0.00676	1	02/04/2021 02:32	WG1615884
2,2-Dichloropropane	U		0.00187	0.00338	1	02/04/2021 02:32	WG1615884
Di-isopropyl ether	U		0.000554	0.00135	1	02/04/2021 02:32	WG1615884
Ethylbenzene	U		0.000996	0.00338	1	02/04/2021 02:32	WG1615884
Hexachloro-1,3-butadiene	U		0.00811	0.0338	1	02/04/2021 02:32	WG1615884
2-Hexanone	U	C3	0.00454	0.0338	1	02/04/2021 02:32	WG1615884
n-Hexane	U		0.00305	0.00676	1	02/04/2021 02:32	WG1615884

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Iodomethane	U		0.00314	0.0169	1	02/04/2021 02:32	WG1615884
Isopropylbenzene	U		0.000574	0.00338	1	02/04/2021 02:32	WG1615884
p-Isopropyltoluene	U		0.00345	0.00676	1	02/04/2021 02:32	WG1615884
2-Butanone (MEK)	0.0891	B J	0.0858	0.135	1	02/04/2021 02:32	WG1615884
Methylene Chloride	U		0.00897	0.0338	1	02/04/2021 02:32	WG1615884
4-Methyl-2-pentanone (MIBK)	U	C3	0.00308	0.0338	1	02/04/2021 02:32	WG1615884
Methyl tert-butyl ether	U		0.000473	0.00135	1	02/04/2021 02:32	WG1615884
Naphthalene	U		0.00660	0.0169	1	02/04/2021 02:32	WG1615884
n-Propylbenzene	U	C3	0.00128	0.00676	1	02/04/2021 02:32	WG1615884
Styrene	U		0.000310	0.0169	1	02/04/2021 02:32	WG1615884
1,1,1,2-Tetrachloroethane	U		0.00128	0.00338	1	02/04/2021 02:32	WG1615884
1,1,2,2-Tetrachloroethane	U	C3	0.000939	0.00338	1	02/04/2021 02:32	WG1615884
1,1,2-Trichlorotrifluoroethane	U		0.00102	0.00338	1	02/04/2021 02:32	WG1615884
Tetrachloroethene	0.00141	J	0.00121	0.00338	1	02/04/2021 02:32	WG1615884
Toluene	U		0.00176	0.00676	1	02/04/2021 02:32	WG1615884
1,2,3-Trichlorobenzene	U		0.00991	0.0169	1	02/04/2021 02:32	WG1615884
1,2,4-Trichlorobenzene	U		0.00595	0.0169	1	02/04/2021 02:32	WG1615884
1,1,1-Trichloroethane	U		0.00125	0.00338	1	02/04/2021 02:32	WG1615884
1,1,2-Trichloroethane	U		0.000807	0.00338	1	02/04/2021 02:32	WG1615884
Trichloroethene	U		0.000789	0.00135	1	02/04/2021 02:32	WG1615884
Trichlorofluoromethane	U		0.00112	0.00338	1	02/04/2021 02:32	WG1615884
1,2,3-Trichloropropane	U	C3	0.00219	0.0169	1	02/04/2021 02:32	WG1615884
1,2,4-Trimethylbenzene	U		0.00214	0.00676	1	02/04/2021 02:32	WG1615884
1,2,3-Trimethylbenzene	U		0.00214	0.00676	1	02/04/2021 02:32	WG1615884
1,3,5-Trimethylbenzene	U		0.00270	0.00676	1	02/04/2021 02:32	WG1615884
Vinyl acetate	U	C3	0.00343	0.0169	1	02/04/2021 02:32	WG1615884
Vinyl chloride	U		0.00157	0.00338	1	02/04/2021 02:32	WG1615884
Xylenes, Total	U		0.00119	0.00879	1	02/04/2021 02:32	WG1615884
(S) Toluene-d8	*105*			*75.0-131*		*02/04/2021 02:32*	WG1615884
(S) 4-Bromofluorobenzene	*95.6*			*67.0-138*		*02/04/2021 02:32*	WG1615884
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*02/04/2021 02:32*	WG1615884

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.6		1	02/05/2021 10:30	WG1616395

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.06	3.13	25	02/05/2021 19:14	WG1616906
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*77.0-120*		*02/05/2021 19:14*	WG1616906

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0457	0.0626	1	02/04/2021 02:51	WG1615884
Acrylonitrile	U		0.00452	0.0156	1	02/04/2021 02:51	WG1615884
Benzene	U		0.000584	0.00125	1	02/04/2021 02:51	WG1615884
Bromobenzene	U		0.00113	0.0156	1	02/04/2021 02:51	WG1615884
Bromodichloromethane	U		0.000907	0.00313	1	02/04/2021 02:51	WG1615884
Bromochloromethane	U		0.000706	0.00626	1	02/04/2021 02:51	WG1615884
Bromoform	U		0.00146	0.0313	1	02/04/2021 02:51	WG1615884
Bromomethane	U	J4	0.00247	0.0156	1	02/04/2021 02:51	WG1615884
n-Butylbenzene	U		0.00657	0.0156	1	02/04/2021 02:51	WG1615884
sec-Butylbenzene	U		0.00360	0.0156	1	02/04/2021 02:51	WG1615884
tert-Butylbenzene	U		0.00244	0.00626	1	02/04/2021 02:51	WG1615884
Carbon disulfide	U		0.000876	0.0156	1	02/04/2021 02:51	WG1615884
Carbon tetrachloride	U		0.00112	0.00626	1	02/04/2021 02:51	WG1615884
Chlorobenzene	U		0.000263	0.00313	1	02/04/2021 02:51	WG1615884
Chlorodibromomethane	U		0.000766	0.00313	1	02/04/2021 02:51	WG1615884
Chloroethane	U		0.00213	0.00626	1	02/04/2021 02:51	WG1615884
Chloroform	U		0.00129	0.00313	1	02/04/2021 02:51	WG1615884
Chloromethane	U		0.00544	0.0156	1	02/04/2021 02:51	WG1615884
2-Chlorotoluene	U	C3	0.00108	0.00313	1	02/04/2021 02:51	WG1615884
4-Chlorotoluene	U		0.000563	0.00626	1	02/04/2021 02:51	WG1615884
1,2-Dibromo-3-Chloropropane	U	C3	0.00488	0.0313	1	02/04/2021 02:51	WG1615884
1,2-Dibromoethane	U		0.000811	0.00313	1	02/04/2021 02:51	WG1615884
Dibromomethane	U		0.000939	0.00626	1	02/04/2021 02:51	WG1615884
1,2-Dichlorobenzene	U		0.000532	0.00626	1	02/04/2021 02:51	WG1615884
1,3-Dichlorobenzene	U		0.000751	0.00626	1	02/04/2021 02:51	WG1615884
1,4-Dichlorobenzene	U		0.000876	0.00626	1	02/04/2021 02:51	WG1615884
Dichlorodifluoromethane	U		0.00202	0.00313	1	02/04/2021 02:51	WG1615884
1,1-Dichloroethane	U		0.000615	0.00313	1	02/04/2021 02:51	WG1615884
1,2-Dichloroethane	U		0.000812	0.00313	1	02/04/2021 02:51	WG1615884
1,1-Dichloroethene	U		0.000758	0.00313	1	02/04/2021 02:51	WG1615884
cis-1,2-Dichloroethene	U		0.000919	0.00313	1	02/04/2021 02:51	WG1615884
trans-1,2-Dichloroethene	U		0.00130	0.00626	1	02/04/2021 02:51	WG1615884
1,2-Dichloropropane	U		0.00178	0.00626	1	02/04/2021 02:51	WG1615884
1,1-Dichloropropene	U		0.00101	0.00313	1	02/04/2021 02:51	WG1615884
1,3-Dichloropropane	U		0.000627	0.00626	1	02/04/2021 02:51	WG1615884
cis-1,3-Dichloropropene	U		0.000947	0.00313	1	02/04/2021 02:51	WG1615884
trans-1,3-Dichloropropene	U		0.00143	0.00626	1	02/04/2021 02:51	WG1615884
trans-1,4-Dichloro-2-butene	U	C3	0.00233	0.00626	1	02/04/2021 02:51	WG1615884
2,2-Dichloropropane	U		0.00173	0.00313	1	02/04/2021 02:51	WG1615884
Di-isopropyl ether	U		0.000513	0.00125	1	02/04/2021 02:51	WG1615884
Ethylbenzene	U		0.000922	0.00313	1	02/04/2021 02:51	WG1615884
Hexachloro-1,3-butadiene	U		0.00751	0.0313	1	02/04/2021 02:51	WG1615884
2-Hexanone	U	C3	0.00421	0.0313	1	02/04/2021 02:51	WG1615884
n-Hexane	U		0.00283	0.00626	1	02/04/2021 02:51	WG1615884

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Iodomethane	U		0.00290	0.0156	1	02/04/2021 02:51	WG1615884
Isopropylbenzene	U		0.000532	0.00313	1	02/04/2021 02:51	WG1615884
p-Isopropyltoluene	U		0.00319	0.00626	1	02/04/2021 02:51	WG1615884
2-Butanone (MEK)	0.0800	B J	0.0795	0.125	1	02/04/2021 02:51	WG1615884
Methylene Chloride	U		0.00831	0.0313	1	02/04/2021 02:51	WG1615884
4-Methyl-2-pentanone (MIBK)	U	C3	0.00285	0.0313	1	02/04/2021 02:51	WG1615884
Methyl tert-butyl ether	U		0.000438	0.00125	1	02/04/2021 02:51	WG1615884
Naphthalene	U		0.00611	0.0156	1	02/04/2021 02:51	WG1615884
n-Propylbenzene	U	C3	0.00119	0.00626	1	02/04/2021 02:51	WG1615884
Styrene	U		0.000287	0.0156	1	02/04/2021 02:51	WG1615884
1,1,1,2-Tetrachloroethane	U		0.00119	0.00313	1	02/04/2021 02:51	WG1615884
1,1,2,2-Tetrachloroethane	U	C3	0.000870	0.00313	1	02/04/2021 02:51	WG1615884
1,1,2-Trichlorotrifluoroethane	U		0.000944	0.00313	1	02/04/2021 02:51	WG1615884
Tetrachloroethene	U		0.00112	0.00313	1	02/04/2021 02:51	WG1615884
Toluene	U		0.00163	0.00626	1	02/04/2021 02:51	WG1615884
1,2,3-Trichlorobenzene	U		0.00917	0.0156	1	02/04/2021 02:51	WG1615884
1,2,4-Trichlorobenzene	U		0.00551	0.0156	1	02/04/2021 02:51	WG1615884
1,1,1-Trichloroethane	U		0.00116	0.00313	1	02/04/2021 02:51	WG1615884
1,1,2-Trichloroethane	U		0.000747	0.00313	1	02/04/2021 02:51	WG1615884
Trichloroethene	U		0.000731	0.00125	1	02/04/2021 02:51	WG1615884
Trichlorofluoromethane	U		0.00104	0.00313	1	02/04/2021 02:51	WG1615884
1,2,3-Trichloropropane	U	C3	0.00203	0.0156	1	02/04/2021 02:51	WG1615884
1,2,4-Trimethylbenzene	U		0.00198	0.00626	1	02/04/2021 02:51	WG1615884
1,2,3-Trimethylbenzene	U		0.00198	0.00626	1	02/04/2021 02:51	WG1615884
1,3,5-Trimethylbenzene	U		0.00250	0.00626	1	02/04/2021 02:51	WG1615884
Vinyl acetate	U	C3	0.00318	0.0156	1	02/04/2021 02:51	WG1615884
Vinyl chloride	U		0.00145	0.00313	1	02/04/2021 02:51	WG1615884
Xylenes, Total	U		0.00110	0.00814	1	02/04/2021 02:51	WG1615884
(S) Toluene-d8	*107*			*75.0-131*		*02/04/2021 02:51*	WG1615884
(S) 4-Bromofluorobenzene	*99.6*			*67.0-138*		*02/04/2021 02:51*	WG1615884
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*		*02/04/2021 02:51*	WG1615884

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.7		1	02/05/2021 10:30	WG1616395

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	U		1.21	3.57	25	02/05/2021 19:34	WG1616906
(S) a,a,a-Trifluorotoluene(FID)	*96.5*			*77.0-120*		*02/05/2021 19:34*	WG1616906

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0521	0.0713	1	02/04/2021 03:10	WG1615884
Acrylonitrile	U		0.00515	0.0178	1	02/04/2021 03:10	WG1615884
Benzene	U		0.000666	0.00143	1	02/04/2021 03:10	WG1615884
Bromobenzene	U		0.00128	0.0178	1	02/04/2021 03:10	WG1615884
Bromodichloromethane	U		0.00103	0.00357	1	02/04/2021 03:10	WG1615884
Bromochloromethane	U		0.000805	0.00713	1	02/04/2021 03:10	WG1615884
Bromoform	U		0.00167	0.0357	1	02/04/2021 03:10	WG1615884
Bromomethane	U	J4	0.00281	0.0178	1	02/04/2021 03:10	WG1615884
n-Butylbenzene	U		0.00749	0.0178	1	02/04/2021 03:10	WG1615884
sec-Butylbenzene	U		0.00411	0.0178	1	02/04/2021 03:10	WG1615884
tert-Butylbenzene	U		0.00278	0.00713	1	02/04/2021 03:10	WG1615884
Carbon disulfide	U		0.000999	0.0178	1	02/04/2021 03:10	WG1615884
Carbon tetrachloride	U		0.00128	0.00713	1	02/04/2021 03:10	WG1615884
Chlorobenzene	U		0.000300	0.00357	1	02/04/2021 03:10	WG1615884
Chlorodibromomethane	U		0.000873	0.00357	1	02/04/2021 03:10	WG1615884
Chloroethane	U		0.00243	0.00713	1	02/04/2021 03:10	WG1615884
Chloroform	U		0.00147	0.00357	1	02/04/2021 03:10	WG1615884
Chloromethane	U		0.00621	0.0178	1	02/04/2021 03:10	WG1615884
2-Chlorotoluene	U	C3	0.00123	0.00357	1	02/04/2021 03:10	WG1615884
4-Chlorotoluene	U		0.000642	0.00713	1	02/04/2021 03:10	WG1615884
1,2-Dibromo-3-Chloropropane	U	C3	0.00556	0.0357	1	02/04/2021 03:10	WG1615884
1,2-Dibromoethane	U		0.000925	0.00357	1	02/04/2021 03:10	WG1615884
Dibromomethane	U		0.00107	0.00713	1	02/04/2021 03:10	WG1615884
1,2-Dichlorobenzene	U		0.000606	0.00713	1	02/04/2021 03:10	WG1615884
1,3-Dichlorobenzene	U		0.000856	0.00713	1	02/04/2021 03:10	WG1615884
1,4-Dichlorobenzene	U		0.000999	0.00713	1	02/04/2021 03:10	WG1615884
Dichlorodifluoromethane	U		0.00230	0.00357	1	02/04/2021 03:10	WG1615884
1,1-Dichloroethane	U		0.000701	0.00357	1	02/04/2021 03:10	WG1615884
1,2-Dichloroethane	U		0.000926	0.00357	1	02/04/2021 03:10	WG1615884
1,1-Dichloroethene	U		0.000865	0.00357	1	02/04/2021 03:10	WG1615884
cis-1,2-Dichloroethene	U		0.00105	0.00357	1	02/04/2021 03:10	WG1615884
trans-1,2-Dichloroethene	U		0.00148	0.00713	1	02/04/2021 03:10	WG1615884
1,2-Dichloropropane	U		0.00203	0.00713	1	02/04/2021 03:10	WG1615884
1,1-Dichloropropene	U		0.00115	0.00357	1	02/04/2021 03:10	WG1615884
1,3-Dichloropropane	U		0.000715	0.00713	1	02/04/2021 03:10	WG1615884
cis-1,3-Dichloropropene	U		0.00108	0.00357	1	02/04/2021 03:10	WG1615884
trans-1,3-Dichloropropene	U		0.00163	0.00713	1	02/04/2021 03:10	WG1615884
trans-1,4-Dichloro-2-butene	U	C3	0.00265	0.00713	1	02/04/2021 03:10	WG1615884
2,2-Dichloropropane	U		0.00197	0.00357	1	02/04/2021 03:10	WG1615884
Di-isopropyl ether	U		0.000585	0.00143	1	02/04/2021 03:10	WG1615884
Ethylbenzene	U		0.00105	0.00357	1	02/04/2021 03:10	WG1615884
Hexachloro-1,3-butadiene	U		0.00856	0.0357	1	02/04/2021 03:10	WG1615884
2-Hexanone	U	C3	0.00479	0.0357	1	02/04/2021 03:10	WG1615884
n-Hexane	U		0.00322	0.00713	1	02/04/2021 03:10	WG1615884

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Iodomethane	U		0.00331	0.0178	1	02/04/2021 03:10	WG1615884
Isopropylbenzene	U		0.000606	0.00357	1	02/04/2021 03:10	WG1615884
p-Isopropyltoluene	U		0.00364	0.00713	1	02/04/2021 03:10	WG1615884
2-Butanone (MEK)	0.0963	B J	0.0906	0.143	1	02/04/2021 03:10	WG1615884
Methylene Chloride	U		0.00947	0.0357	1	02/04/2021 03:10	WG1615884
4-Methyl-2-pentanone (MIBK)	U	C3	0.00325	0.0357	1	02/04/2021 03:10	WG1615884
Methyl tert-butyl ether	U		0.000499	0.00143	1	02/04/2021 03:10	WG1615884
Naphthalene	U		0.00696	0.0178	1	02/04/2021 03:10	WG1615884
n-Propylbenzene	U	C3	0.00136	0.00713	1	02/04/2021 03:10	WG1615884
Styrene	U		0.000327	0.0178	1	02/04/2021 03:10	WG1615884
1,1,1,2-Tetrachloroethane	U		0.00135	0.00357	1	02/04/2021 03:10	WG1615884
1,1,2,2-Tetrachloroethane	U	C3	0.000992	0.00357	1	02/04/2021 03:10	WG1615884
1,1,2-Trichlorotrifluoroethane	U		0.00108	0.00357	1	02/04/2021 03:10	WG1615884
Tetrachloroethene	U		0.00128	0.00357	1	02/04/2021 03:10	WG1615884
Toluene	U		0.00185	0.00713	1	02/04/2021 03:10	WG1615884
1,2,3-Trichlorobenzene	U		0.0105	0.0178	1	02/04/2021 03:10	WG1615884
1,2,4-Trichlorobenzene	U		0.00628	0.0178	1	02/04/2021 03:10	WG1615884
1,1,1-Trichloroethane	U		0.00132	0.00357	1	02/04/2021 03:10	WG1615884
1,1,2-Trichloroethane	U		0.000852	0.00357	1	02/04/2021 03:10	WG1615884
Trichloroethene	U		0.000833	0.00143	1	02/04/2021 03:10	WG1615884
Trichlorofluoromethane	U		0.00118	0.00357	1	02/04/2021 03:10	WG1615884
1,2,3-Trichloropropane	U	C3	0.00231	0.0178	1	02/04/2021 03:10	WG1615884
1,2,4-Trimethylbenzene	U		0.00225	0.00713	1	02/04/2021 03:10	WG1615884
1,2,3-Trimethylbenzene	U		0.00225	0.00713	1	02/04/2021 03:10	WG1615884
1,3,5-Trimethylbenzene	U		0.00285	0.00713	1	02/04/2021 03:10	WG1615884
Vinyl acetate	U	C3	0.00362	0.0178	1	02/04/2021 03:10	WG1615884
Vinyl chloride	U		0.00165	0.00357	1	02/04/2021 03:10	WG1615884
Xylenes, Total	U		0.00126	0.00927	1	02/04/2021 03:10	WG1615884
(S) Toluene-d8	*107*			*75.0-131*		*02/04/2021 03:10*	WG1615884
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*02/04/2021 03:10*	WG1615884
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*02/04/2021 03:10*	WG1615884

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	45.3	B J	31.6	100	1	02/05/2021 19:40	WG1616924
(S) a,a,a-Trifluorotoluene(FID)	*98.4*			*78.0-120*		*02/05/2021 19:40*	WG1616924

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.75		0.548	1.00	1	02/07/2021 15:38	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 15:27	WG1618791
Benzene	U		0.0160	0.0400	1	02/07/2021 15:38	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 15:38	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 15:38	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 15:38	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 15:38	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 15:38	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 15:38	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 15:38	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 15:38	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 15:38	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 15:38	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 15:38	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 15:38	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 15:27	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 15:38	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 15:38	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 15:38	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 15:38	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 15:38	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 15:38	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 15:38	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 15:38	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 15:38	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 15:38	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 15:38	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 15:38	WG1617708
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/07/2021 15:38	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 15:38	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 15:38	WG1617708
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 15:38	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 15:38	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 15:38	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 15:38	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 15:38	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 15:38	WG1617708
Ethylbenzene	U		0.0212	0.100	1	02/07/2021 15:38	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 15:38	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 15:38	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 15:38	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 15:38	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 15:38	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 15:38	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 15:38	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 15:38	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 15:38	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 15:38	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 15:38	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 15:38	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 15:38	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 15:38	WG1617708
Toluene	0.131	J	0.0500	0.200	1	02/07/2021 15:38	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 15:38	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 15:38	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 15:38	WG1617708
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 15:38	WG1617708
Trichloroethene	U		0.0160	0.0400	1	02/07/2021 15:38	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 15:38	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 15:38	WG1617708
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/07/2021 15:38	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 15:38	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 15:38	WG1617708
Vinyl chloride	U		0.0273	0.100	1	02/07/2021 15:38	WG1617708
Xylenes, Total	U		0.191	0.260	1	02/07/2021 15:38	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 15:38	WG1617708
Tetrahydrofuran	U		0.0900	0.500	1	02/07/2021 15:38	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 15:38	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 15:38	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 15:38	WG1617708
(S) Toluene-d8	*105*			*75.0-131*		*02/07/2021 15:38*	WG1617708
(S) Toluene-d8	*101*			*75.0-131*		*02/09/2021 15:27*	WG1618791
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/07/2021 15:38*	WG1617708
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*02/09/2021 15:27*	WG1618791
(S) 1,2-Dichloroethane-d4	*99.9*			*70.0-130*		*02/07/2021 15:38*	WG1617708
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/09/2021 15:27*	WG1618791

Method Blank (MB)

(MB) R3619775-1 02/04/21 16:31

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1312512-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1312512-01 02/04/21 16:31 • (DUP) R3619775-3 02/04/21 16:31

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	89.6	89.3	1	0.338		10

Laboratory Control Sample (LCS)

(LCS) R3619775-2 02/04/21 16:31

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3619691-1 02/04/21 11:52

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1313627-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1313627-04 02/04/21 11:52 • (DUP) R3619691-3 02/04/21 11:52

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	76.9	76.8	1	0.137		10

Laboratory Control Sample (LCS)

(LCS) R3619691-2 02/04/21 11:52

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	99.9	85.0-115	

Method Blank (MB)

(MB) R3619701-1 02/04/21 13:12

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1313614-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1313614-12 02/04/21 13:12 • (DUP) R3619701-3 02/04/21 13:12

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	79.8	81.1	1	1.62		10

Laboratory Control Sample (LCS)

(LCS) R3619701-2 02/04/21 13:12

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3620000-1 02/05/21 10:30

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1312565-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1312565-03 02/05/21 10:30 • (DUP) R3620000-3 02/05/21 10:30

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	91.4	91.6	1	0.148		10

Laboratory Control Sample (LCS)

(LCS) R3620000-2 02/05/21 10:30

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3620064-2 02/05/21 16:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	U		0.0339	0.100
(S) a,a,a-Trifluorotoluene(FID)	*96.2*			*77.0-120*

Laboratory Control Sample (LCS)

(LCS) R3620064-1 02/05/21 14:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5.50	5.17	94.0	71.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*111*	*77.0-120*	

Method Blank (MB)

(MB) R3620185-2 02/05/21 18:23

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	36.4	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*100*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3620185-1 02/05/21 17:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	4960	90.2	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*90.0*	*78.0-120*	

Method Blank (MB)

(MB) R3619591-3 02/03/21 20:19

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromochloromethane	U		0.000564	0.00500
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon disulfide	U		0.000700	0.0125
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
trans-1,4-Dichloro-2-butene	U		0.00186	0.00500
Dichlorodifluoromethane	U		0.00161	0.00250
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100

Method Blank (MB)

(MB) R3619591-3 02/03/21 20:19

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
n-Hexane	U		0.00226	0.00500
2-Hexanone	U		0.00336	0.0250
Iodomethane	U		0.00232	0.0125
Isopropylbenzene	U		0.000425	0.00250
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	0.0913	J	0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl acetate	U		0.00254	0.0125
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.0*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*96.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3619591-1 02/03/21 19:03 • (LCSD) R3619591-2 02/03/21 19:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.865	0.831	138	133	10.0-160			4.01	31
Acrylonitrile	0.625	0.616	0.611	98.6	97.8	45.0-153			0.815	22
Benzene	0.125	0.120	0.125	96.0	100	70.0-123			4.08	20
Bromobenzene	0.125	0.0999	0.106	79.9	84.8	73.0-121			5.93	20
Bromodichloromethane	0.125	0.117	0.123	93.6	98.4	73.0-121			5.00	20
Bromochloromethane	0.125	0.138	0.133	110	106	77.0-128			3.69	20
Bromoform	0.125	0.117	0.114	93.6	91.2	64.0-132			2.60	20
Bromomethane	0.125	0.193	0.190	154	152	56.0-147	J4	J4	1.57	20
n-Butylbenzene	0.125	0.114	0.122	91.2	97.6	68.0-135			6.78	20
sec-Butylbenzene	0.125	0.114	0.119	91.2	95.2	74.0-130			4.29	20
tert-Butylbenzene	0.125	0.107	0.112	85.6	89.6	75.0-127			4.57	20
Carbon disulfide	0.125	0.119	0.114	95.2	91.2	56.0-133			4.29	20
Carbon tetrachloride	0.125	0.139	0.138	111	110	66.0-128			0.722	20
Chlorobenzene	0.125	0.120	0.119	96.0	95.2	76.0-128			0.837	20
Chlorodibromomethane	0.125	0.115	0.113	92.0	90.4	74.0-127			1.75	20
Chloroethane	0.125	0.143	0.141	114	113	61.0-134			1.41	20
Chloroform	0.125	0.142	0.143	114	114	72.0-123			0.702	20
Chloromethane	0.125	0.127	0.123	102	98.4	51.0-138			3.20	20
2-Chlorotoluene	0.125	0.0993	0.104	79.4	83.2	75.0-124			4.62	20
4-Chlorotoluene	0.125	0.105	0.108	84.0	86.4	75.0-124			2.82	20
1,2-Dibromo-3-Chloropropane	0.125	0.0929	0.0971	74.3	77.7	59.0-130			4.42	20
1,2-Dibromoethane	0.125	0.105	0.107	84.0	85.6	74.0-128			1.89	20
Dibromomethane	0.125	0.134	0.143	107	114	75.0-122			6.50	20
1,2-Dichlorobenzene	0.125	0.119	0.121	95.2	96.8	76.0-124			1.67	20
1,3-Dichlorobenzene	0.125	0.113	0.118	90.4	94.4	76.0-125			4.33	20
1,4-Dichlorobenzene	0.125	0.117	0.121	93.6	96.8	77.0-121			3.36	20
trans-1,4-Dichloro-2-butene	0.125	0.0868	0.0853	69.4	68.2	45.0-143			1.74	20
Dichlorodifluoromethane	0.125	0.132	0.124	106	99.2	43.0-156			6.25	20
1,1-Dichloroethane	0.125	0.122	0.122	97.6	97.6	70.0-127			0.000	20
1,2-Dichloroethane	0.125	0.134	0.139	107	111	65.0-131			3.66	20
1,1-Dichloroethene	0.125	0.124	0.116	99.2	92.8	65.0-131			6.67	20
cis-1,2-Dichloroethene	0.125	0.137	0.132	110	106	73.0-125			3.72	20
trans-1,2-Dichloroethene	0.125	0.130	0.122	104	97.6	71.0-125			6.35	20
1,2-Dichloropropane	0.125	0.119	0.125	95.2	100	74.0-125			4.92	20
1,1-Dichloropropene	0.125	0.121	0.126	96.8	101	73.0-125			4.05	20
1,3-Dichloropropane	0.125	0.103	0.106	82.4	84.8	80.0-125			2.87	20
cis-1,3-Dichloropropene	0.125	0.106	0.115	84.8	92.0	76.0-127			8.14	20
trans-1,3-Dichloropropene	0.125	0.101	0.107	80.8	85.6	73.0-127			5.77	20
2,2-Dichloropropane	0.125	0.146	0.142	117	114	59.0-135			2.78	20
Di-isopropyl ether	0.125	0.106	0.103	84.8	82.4	60.0-136			2.87	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3619591-1 02/03/21 19:03 • (LCSD) R3619591-2 02/03/21 19:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylbenzene	0.125	0.120	0.121	96.0	96.8	74.0-126			0.830	20
Hexachloro-1,3-butadiene	0.125	0.105	0.111	84.0	88.8	57.0-150			5.56	20
2-Hexanone	0.625	0.459	0.462	73.4	73.9	54.0-147			0.651	20
n-Hexane	0.125	0.113	0.120	90.4	96.0	55.0-137			6.01	20
Iodomethane	0.625	0.682	0.653	109	104	74.0-134			4.34	20
Isopropylbenzene	0.125	0.134	0.130	107	104	72.0-127			3.03	20
p-Isopropyltoluene	0.125	0.112	0.119	89.6	95.2	72.0-133			6.06	20
2-Butanone (MEK)	0.625	0.517	0.570	82.7	91.2	30.0-160			9.75	24
Methylene Chloride	0.125	0.140	0.132	112	106	68.0-123			5.88	20
4-Methyl-2-pentanone (MIBK)	0.625	0.475	0.470	76.0	75.2	56.0-143			1.06	20
Methyl tert-butyl ether	0.125	0.128	0.123	102	98.4	66.0-132			3.98	20
Naphthalene	0.125	0.109	0.116	87.2	92.8	59.0-130			6.22	20
n-Propylbenzene	0.125	0.0991	0.104	79.3	83.2	74.0-126			4.83	20
Styrene	0.125	0.118	0.114	94.4	91.2	72.0-127			3.45	20
1,1,1,2-Tetrachloroethane	0.125	0.132	0.127	106	102	74.0-129			3.86	20
1,1,2,2-Tetrachloroethane	0.125	0.0986	0.0996	78.9	79.7	68.0-128			1.01	20
Tetrachloroethene	0.125	0.113	0.116	90.4	92.8	70.0-136			2.62	20
Toluene	0.125	0.112	0.111	89.6	88.8	75.0-121			0.897	20
1,1,2-Trichlorotrifluoroethane	0.125	0.129	0.127	103	102	61.0-139			1.56	20
1,2,3-Trichlorobenzene	0.125	0.119	0.124	95.2	99.2	59.0-139			4.12	20
1,2,4-Trichlorobenzene	0.125	0.122	0.129	97.6	103	62.0-137			5.58	20
1,1,1-Trichloroethane	0.125	0.140	0.134	112	107	69.0-126			4.38	20
1,1,2-Trichloroethane	0.125	0.116	0.118	92.8	94.4	78.0-123			1.71	20
Trichloroethene	0.125	0.118	0.127	94.4	102	76.0-126			7.35	20
Trichlorofluoromethane	0.125	0.155	0.144	124	115	61.0-142			7.36	20
1,2,3-Trichloropropane	0.125	0.0950	0.0942	76.0	75.4	67.0-129			0.846	20
1,2,3-Trimethylbenzene	0.125	0.119	0.121	95.2	96.8	74.0-124			1.67	20
1,2,4-Trimethylbenzene	0.125	0.111	0.115	88.8	92.0	70.0-126			3.54	20
1,3,5-Trimethylbenzene	0.125	0.106	0.114	84.8	91.2	73.0-127			7.27	20
Vinyl acetate	0.625	0.438	0.506	70.1	81.0	43.0-159			14.4	20
Vinyl chloride	0.125	0.168	0.157	134	126	63.0-134			6.77	20
Xylenes, Total	0.375	0.368	0.360	98.1	96.0	72.0-127			2.20	20
(S) Toluene-d8				*97.9*	*95.7*	*75.0-131*				
(S) 4-Bromofluorobenzene				*109*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*106*	*107*	*70.0-130*				

L1312329-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1312329-01 02/03/21 23:21 • (MS) R3619591-4 02/04/21 05:43 • (MSD) R3619591-5 02/04/21 06:02

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acrylonitrile	0.966	U	0.664	0.743	68.8	77.0	1	10.0-160			11.2	40
Bromobenzene	0.193	U	0.168	0.188	87.2	97.6	1	10.0-156			11.3	38
Acetone	0.966	U	0.674	0.723	69.8	74.9	1	10.0-160			7.08	40
n-Butylbenzene	0.193	U	0.167	0.204	86.4	106	1	10.0-160			20.0	40
sec-Butylbenzene	0.193	U	0.173	0.209	89.6	108	1	10.0-159			18.6	39
tert-Butylbenzene	0.193	U	0.175	0.204	90.4	106	1	10.0-156			15.5	39
Benzene	0.193	U	0.165	0.195	85.6	101	1	10.0-149			16.3	37
Bromodichloromethane	0.193	U	0.170	0.182	88.0	94.4	1	10.0-143			7.02	37
Bromochloromethane	0.193	U	0.162	0.185	84.0	96.0	1	10.0-155			13.3	33
Bromoform	0.193	U	0.146	0.158	75.4	81.6	1	10.0-146			7.95	36
Bromomethane	0.193	U	0.131	0.152	67.7	78.9	1	10.0-149			15.3	38
2-Chlorotoluene	0.193	U	0.158	0.190	81.6	98.4	1	10.0-159			18.7	38
4-Chlorotoluene	0.193	U	0.170	0.192	88.0	99.2	1	10.0-155			12.0	39
Carbon disulfide	0.193	U	0.132	0.161	68.3	83.2	1	10.0-145			19.6	39
Carbon tetrachloride	0.193	U	0.153	0.190	79.3	98.4	1	10.0-145			21.5	37
Dibromomethane	0.193	U	0.187	0.204	96.8	106	1	10.0-147			8.70	35
Chlorobenzene	0.193	U	0.176	0.195	91.2	101	1	10.0-152			10.0	39
Chlorodibromomethane	0.193	U	0.158	0.181	81.6	93.6	1	10.0-146			13.7	37
Chloroethane	0.193	U	0.0740	0.0995	38.3	51.5	1	10.0-146			29.4	40
Chloroform	0.193	U	0.171	0.201	88.8	104	1	10.0-146			15.8	37
Chloromethane	0.193	U	0.129	0.151	66.7	78.1	1	10.0-159			15.7	37
trans-1,4-Dichloro-2-butene	0.193	U	0.126	0.135	65.3	70.2	1	10.0-152			7.21	36
1,2-Dibromo-3-Chloropropane	0.193	U	0.111	0.127	57.6	65.6	1	10.0-151			13.0	39
1,2-Dibromoethane	0.193	U	0.156	0.165	80.8	85.6	1	10.0-148			5.77	34
1,2-Dichlorobenzene	0.193	U	0.175	0.192	90.4	99.2	1	10.0-155			9.28	37
1,1-Dichloropropene	0.193	U	0.171	0.210	88.8	109	1	10.0-153			20.2	35
1,3-Dichlorobenzene	0.193	U	0.170	0.195	88.0	101	1	10.0-153			13.6	38
1,3-Dichloropropane	0.193	U	0.162	0.178	84.0	92.0	1	10.0-154			9.09	35
1,4-Dichlorobenzene	0.193	U	0.175	0.202	90.4	105	1	10.0-151			14.8	38
Dichlorodifluoromethane	0.193	U	0.122	0.178	63.2	92.0	1	10.0-160		J3	37.1	35
2,2-Dichloropropane	0.193	U	0.125	0.147	64.5	76.1	1	10.0-138			16.5	36
1,1-Dichloroethane	0.193	U	0.152	0.178	78.6	92.0	1	10.0-147			15.7	37
1,2-Dichloroethane	0.193	U	0.196	0.213	102	110	1	10.0-148			8.30	35
Di-isopropyl ether	0.193	U	0.141	0.159	73.0	82.4	1	10.0-147			12.2	36
1,1-Dichloroethene	0.193	U	0.147	0.179	75.9	92.8	1	10.0-155			20.0	37
cis-1,2-Dichloroethene	0.193	U	0.159	0.182	82.4	94.4	1	10.0-149			13.6	37
trans-1,2-Dichloroethene	0.193	U	0.151	0.181	78.2	93.6	1	10.0-150			17.9	37
1,2-Dichloropropane	0.193	U	0.178	0.202	92.0	105	1	10.0-148			13.0	37
Hexachloro-1,3-butadiene	0.193	U	0.136	0.159	70.3	82.4	1	10.0-160			15.8	40

L1312329-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1312329-01 02/03/21 23:21 • (MS) R3619591-4 02/04/21 05:43 • (MSD) R3619591-5 02/04/21 06:02

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
cis-1,3-Dichloropropene	0.193	U	0.161	0.170	83.2	88.0	1	10.0-151			5.61	37
n-Hexane	0.193	U	0.159	0.215	82.4	111	1	10.0-157			29.8	37
trans-1,3-Dichloropropene	0.193	U	0.162	0.175	84.0	90.4	1	10.0-148			7.34	37
Iodomethane	0.966	U	0.763	0.896	79.0	92.8	1	10.0-160			16.0	38
p-Isopropyltoluene	0.193	U	0.170	0.205	88.0	106	1	10.0-160			18.9	40
Ethylbenzene	0.193	U	0.168	0.196	87.2	102	1	10.0-160			15.3	38
2-Hexanone	0.966	U	0.575	0.613	59.5	63.5	1	10.0-160			6.50	36
Naphthalene	0.193	U	0.134	0.154	69.6	79.7	1	10.0-160			13.5	36
n-Propylbenzene	0.193	U	0.161	0.187	83.2	96.8	1	10.0-158			15.1	38
Isopropylbenzene	0.193	U	0.168	0.202	87.2	105	1	10.0-155			18.3	38
1,1,1,2-Tetrachloroethane	0.193	U	0.170	0.192	88.0	99.2	1	10.0-149			12.0	39
2-Butanone (MEK)	0.966	0.134	0.757	0.669	64.6	55.4	1	10.0-160			12.4	40
Methylene Chloride	0.193	U	0.161	0.181	83.2	93.6	1	10.0-141			11.8	37
4-Methyl-2-pentanone (MIBK)	0.966	U	0.601	0.641	62.2	66.4	1	10.0-160			6.47	35
Methyl tert-butyl ether	0.193	U	0.152	0.168	78.6	87.2	1	11.0-147			10.3	35
Styrene	0.193	U	0.159	0.181	82.4	93.6	1	10.0-160			12.7	40
1,2,3-Trichloropropane	0.193	U	0.146	0.148	75.8	76.6	1	10.0-156			1.05	35
1,1,2,2-Tetrachloroethane	0.193	U	0.141	0.152	73.0	78.6	1	10.0-160			7.28	35
1,2,3-Trimethylbenzene	0.193	U	0.173	0.198	89.6	102	1	10.0-160			13.3	36
1,2,4-Trimethylbenzene	0.193	U	0.165	0.196	85.6	102	1	10.0-160			17.1	36
Tetrachloroethene	0.193	U	0.168	0.201	87.2	104	1	10.0-156			17.6	39
1,3,5-Trimethylbenzene	0.193	U	0.167	0.198	86.4	102	1	10.0-160			16.9	38
Toluene	0.193	U	0.171	0.193	88.8	100	1	10.0-156			11.9	38
1,1,2-Trichlorotrifluoroethane	0.193	U	0.146	0.193	75.8	100	1	10.0-160			27.6	36
1,2,3-Trichlorobenzene	0.193	U	0.149	0.162	77.3	84.0	1	10.0-160			8.33	40
1,2,4-Trichlorobenzene	0.193	U	0.156	0.181	80.8	93.6	1	10.0-160			14.7	40
Vinyl acetate	0.966	U	0.334	0.371	34.6	38.4	1	10.0-128			10.5	40
1,1,1-Trichloroethane	0.193	U	0.158	0.185	81.6	96.0	1	10.0-144			16.2	35
1,1,2-Trichloroethane	0.193	U	0.178	0.188	92.0	97.6	1	10.0-160			5.91	35
Trichloroethene	0.193	U	0.181	0.207	93.6	107	1	10.0-156			13.5	38
Trichlorofluoromethane	0.193	U	0.0973	0.139	50.4	71.8	1	10.0-160			35.0	40
Vinyl chloride	0.193	U	0.170	0.204	88.0	106	1	10.0-160			18.2	37
Xylenes, Total	0.579	U	0.440	0.569	76.0	98.1	1	10.0-160			25.4	38
(S) Toluene-d8					*100*	*102*		*75.0-131*				
(S) 4-Bromofluorobenzene					*98.1*	*97.6*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*99.1*	*98.3*		*70.0-130*				

Method Blank (MB)

(MB) R3620825-2 02/07/21 12:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500

Method Blank (MB)

(MB) R3620825-2 02/07/21 12:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*87.5*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3620825-1 02/07/21 11:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	20.2	80.8	10.0-160	
Benzene	5.00	4.56	91.2	70.0-123	

Laboratory Control Sample (LCS)

(LCS) R3620825-1 02/07/21 11:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromobenzene	5.00	4.82	96.4	73.0-121	
Bromodichloromethane	5.00	4.44	88.8	73.0-121	
Bromoform	5.00	4.63	92.6	64.0-132	
Bromomethane	5.00	5.80	116	56.0-147	
n-Butylbenzene	5.00	4.22	84.4	68.0-135	
sec-Butylbenzene	5.00	4.35	87.0	74.0-130	
tert-Butylbenzene	5.00	4.38	87.6	75.0-127	
Carbon tetrachloride	5.00	4.48	89.6	66.0-128	
Chlorobenzene	5.00	4.65	93.0	76.0-128	
Chlorodibromomethane	5.00	4.53	90.6	74.0-127	
Chloroethane	5.00	6.24	125	61.0-134	
Chloroform	5.00	4.40	88.0	72.0-123	
2-Chlorotoluene	5.00	4.49	89.8	75.0-124	
4-Chlorotoluene	5.00	4.40	88.0	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	3.35	67.0	59.0-130	
1,2-Dibromoethane	5.00	4.67	93.4	74.0-128	
Dibromomethane	5.00	4.34	86.8	75.0-122	
1,2-Dichlorobenzene	5.00	4.56	91.2	76.0-124	
1,3-Dichlorobenzene	5.00	4.60	92.0	76.0-125	
1,4-Dichlorobenzene	5.00	4.54	90.8	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.50	90.0	45.0-143	
Dichlorodifluoromethane	5.00	3.13	62.6	43.0-156	
1,1-Dichloroethane	5.00	4.04	80.8	70.0-127	
1,2-Dichloroethane	5.00	4.33	86.6	65.0-131	
1,1-Dichloroethene	5.00	4.39	87.8	65.0-131	
cis-1,2-Dichloroethene	5.00	4.47	89.4	73.0-125	
trans-1,2-Dichloroethene	5.00	4.49	89.8	71.0-125	
1,2-Dichloropropane	5.00	4.42	88.4	74.0-125	
1,1-Dichloropropene	5.00	4.37	87.4	73.0-125	
1,3-Dichloropropane	5.00	4.71	94.2	80.0-125	
cis-1,3-Dichloropropene	5.00	4.50	90.0	76.0-127	
trans-1,3-Dichloropropene	5.00	4.28	85.6	73.0-127	
2,2-Dichloropropane	5.00	4.10	82.0	59.0-135	
Di-isopropyl ether	5.00	4.56	91.2	60.0-136	
Ethylbenzene	5.00	4.81	96.2	74.0-126	
Ethyl ether	5.00	4.33	86.6	64.0-137	
Hexachloro-1,3-butadiene	5.00	3.88	77.6	57.0-150	
Iodomethane	25.0	23.6	94.4	74.0-134	
Isopropylbenzene	5.00	4.71	94.2	72.0-127	
p-Isopropyltoluene	5.00	4.43	88.6	72.0-133	

Laboratory Control Sample (LCS)

(LCS) R3620825-1 02/07/21 11:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Butanone (MEK)	25.0	20.4	81.6	30.0-160	
Methylene Chloride	5.00	4.50	90.0	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	20.6	82.4	56.0-143	
Methyl tert-butyl ether	5.00	4.39	87.8	66.0-132	
Naphthalene	5.00	3.71	74.2	59.0-130	
n-Propylbenzene	5.00	4.44	88.8	74.0-126	
Styrene	5.00	4.45	89.0	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.81	96.2	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	4.11	82.2	68.0-128	
Tetrachloroethene	5.00	5.30	106	70.0-136	
Tetrahydrofuran	5.00	4.84	96.8	37.0-146	
Toluene	5.00	4.67	93.4	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	4.10	82.0	61.0-139	
1,2,3-Trichlorobenzene	5.00	3.72	74.4	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.27	85.4	62.0-137	
1,1,1-Trichloroethane	5.00	4.58	91.6	69.0-126	
1,1,2-Trichloroethane	5.00	4.66	93.2	78.0-123	
Trichloroethene	5.00	5.07	101	76.0-126	
Trichlorofluoromethane	5.00	3.67	73.4	61.0-142	
1,2,3-Trichloropropane	5.00	4.19	83.8	67.0-129	
1,2,3-Trimethylbenzene	5.00	4.22	84.4	74.0-124	
1,2,4-Trimethylbenzene	5.00	4.42	88.4	70.0-126	
1,3,5-Trimethylbenzene	5.00	4.56	91.2	73.0-127	
Vinyl chloride	5.00	5.74	115	63.0-134	
Xylenes, Total	15.0	14.1	94.0	72.0-127	
Allyl chloride	25.0	19.8	79.2	70.0-131	
(S) Toluene-d8			*103*	*75.0-131*	
(S) 4-Bromofluorobenzene			*99.6*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*91.4*	*70.0-130*	

Method Blank (MB)

(MB) R3620854-2 02/09/21 09:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acrylonitrile	U		0.0760	0.500
Chloromethane	U		0.0556	0.500
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3620854-1 02/09/21 08:44

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acrylonitrile	25.0	23.6	94.4	45.0-153	
Chloromethane	5.00	4.73	94.6	51.0-138	
(S) Toluene-d8			*102*	*75.0-131*	
(S) 4-Bromofluorobenzene			*96.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*103*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

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Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

Pace Analytical National 1313 Point Mallard Parkway SE Suite B Decatur, AL, 35601

Alabama	40160
ANSI National Accreditation Board	L2239

Pace Analytical National 660 Bercut Dr. Ste. C Sacramento, CA, 95811

California	2961	Oregon	CA300002
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North Dakota	R-214		

Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV, 89119

Nevada	NV009412021-1

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Texas	T104704328-20-18

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Company Name/Address:
PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to:
Brian O'Neal/Bill Haldeman

Email To:
boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description:
American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project #
1413.001.005.202

Lab Project #
PESENVSWA-ALP

Collected by (print):
Kersten Sprhystead

Site/Facility ID #
AMERICAN LINEN

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day X Five Day
___ Next Day X 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	NWTPHGX,V8260C 40mlAmb/MeOH10ml/Syr	TS 4ozClr-NoPres	Remarks	Sample # (lab only)
B-1003-10	Grab	SS	10	2-1-21	900	2	X	X		-01
B-299-2		SS	2		1015	2	X	X		02
B-299-5.5		SS	5.5		1020	2	X	X		03
B-300-2.5		SS	2.5		1100	2	X	X		04
B-300-5.5		SS	5.5		1105	2	X	X		05
B-301-2		SS	2		1135	2	X	X		06
B-301-5		SS	5		1145	2	X	X		07
B-302-2		SS	2		1210	2	X	X		08
B-302-4		SS	4		1215	2	X	X		09
TB-020121	—	SS	—	—	—	1	X			10

Chain of Custody Page ___ of ___

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Road Mt Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1312512
A145

Acctnum: PESENVSWA
Template: T181227
Prelogin: P825102
PM: 546 - Jared Starkey
PB:
Shipped Via: FedEX Ground

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4814 5748 9032

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
	2-1-21	1300			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.7 °C 0.7+1.0=1.8 Bottles Received: 18	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/2/21 Time: 8:00	Hold: / Condition: NCF / OK

Pace Analytical®
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ANALYTICAL REPORT

February 24, 2021

Revised Report

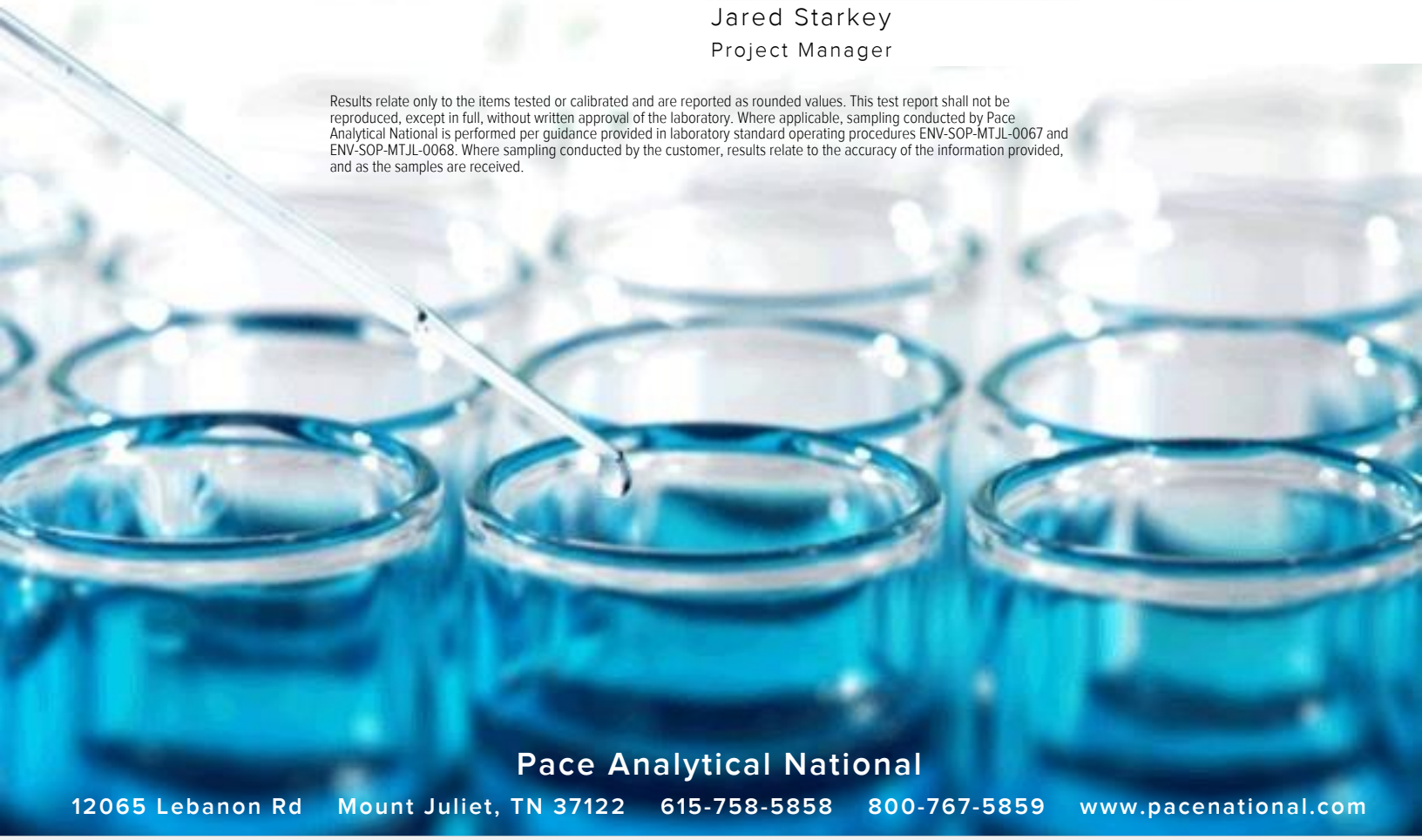
PES Environmental, Inc.- WA

Sample Delivery Group:	L1313961
Samples Received:	02/04/2021
Project Number:	1413.001.05.601
Description:	American Linen
Report To:	Brian O'Neal/Bill Haldeman
	1215 Fourth Ave., Suite 1310
	Seattle, WA 98121

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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MW107-020221 L1313961-01 GW

Collected by: BH/HC | Collected date/time: 02/02/21 06:20 | Received date/time: 02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1618259	1	02/10/21 05:08	02/10/21 05:08	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617521	1	02/06/21 19:04	02/06/21 19:04	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1617894	1	02/10/21 00:29	02/10/21 14:12	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1618919	1	02/11/21 09:44	02/11/21 09:44	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619102	1	02/10/21 14:06	02/10/21 14:06	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	25	02/07/21 21:32	02/07/21 21:32	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 17:39	02/09/21 17:39	ACG	Mt. Juliet, TN

MW125-020221 L1313961-02 GW

Collected by: BH/HC | Collected date/time: 02/02/21 08:30 | Received date/time: 02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1616723	1	02/04/21 23:00	02/04/21 23:00	GB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617521	1	02/06/21 20:54	02/06/21 20:54	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1617894	1	02/10/21 00:29	02/10/21 14:22	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1617882	1	02/08/21 05:13	02/08/21 05:13	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619102	1	02/10/21 14:12	02/10/21 14:12	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 17:50	02/07/21 17:50	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 17:58	02/09/21 17:58	ACG	Mt. Juliet, TN

MW-158A-020221 L1313961-03 GW

Collected by: BH/HC | Collected date/time: 02/02/21 13:00 | Received date/time: 02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1618259	1	02/10/21 05:21	02/10/21 05:21	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617521	1	02/06/21 22:08	02/06/21 22:08	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1617894	1	02/10/21 00:29	02/10/21 14:25	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619102	1	02/10/21 14:17	02/10/21 14:17	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 18:09	02/07/21 18:09	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 18:17	02/09/21 18:17	ACG	Mt. Juliet, TN

MW-144R-020221 L1313961-04 GW

Collected by: BH/HC | Collected date/time: 02/02/21 13:25 | Received date/time: 02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1618259	1	02/10/21 05:34	02/10/21 05:34	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617521	1	02/06/21 22:25	02/06/21 22:25	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1617894	1	02/10/21 00:29	02/10/21 14:28	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1618919	1	02/11/21 09:47	02/11/21 09:47	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619102	1	02/10/21 14:20	02/10/21 14:20	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 18:28	02/07/21 18:28	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 18:36	02/09/21 18:36	ACG	Mt. Juliet, TN

MW-190-020321 L1313961-05 GW

Collected by: BH/HC | Collected date/time: 02/03/21 10:05 | Received date/time: 02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1618259	1	02/10/21 05:48	02/10/21 05:48	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617521	1	02/06/21 22:46	02/06/21 22:46	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1617894	1	02/10/21 00:29	02/10/21 14:32	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619102	1	02/10/21 14:26	02/10/21 14:26	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 18:47	02/07/21 18:47	JIC	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

MW-190-020321 L1313961-05 GW

Collected by: BH/HC | Collected date/time: 02/03/21 10:05 | Received date/time: 02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 18:55	02/09/21 18:55	ACG	Mt. Juliet, TN

R-MW6-020321 L1313961-06 GW

Collected by: BH/HC | Collected date/time: 02/03/21 12:10 | Received date/time: 02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1618259	5	02/10/21 10:25	02/10/21 10:25	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617521	1	02/06/21 23:00	02/06/21 23:00	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1617894	1	02/10/21 00:29	02/10/21 14:35	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1618919	1	02/11/21 09:49	02/11/21 09:49	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619102	1	02/10/21 14:33	02/10/21 14:33	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 19:06	02/07/21 19:06	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 19:14	02/09/21 19:14	ACG	Mt. Juliet, TN

MW-189-020321 L1313961-07 GW

Collected by: BH/HC | Collected date/time: 02/03/21 12:15 | Received date/time: 02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1618259	1	02/10/21 06:40	02/10/21 06:40	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617521	1	02/06/21 23:19	02/06/21 23:19	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1617894	1	02/10/21 00:29	02/10/21 14:38	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619102	1	02/10/21 14:43	02/10/21 14:43	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 19:24	02/07/21 19:24	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 21:08	02/09/21 21:08	ACG	Mt. Juliet, TN

W-MW-01-020321 L1313961-08 GW

Collected by: BH/HC | Collected date/time: 02/03/21 13:50 | Received date/time: 02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1618259	1	02/10/21 06:53	02/10/21 06:53	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1616374	1	02/05/21 23:41	02/05/21 23:41	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1617894	1	02/10/21 00:29	02/10/21 13:49	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1618919	1	02/11/21 09:52	02/11/21 09:52	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619102	1	02/10/21 14:46	02/10/21 14:46	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 19:43	02/07/21 19:43	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 21:27	02/09/21 21:27	ACG	Mt. Juliet, TN

MW102-020321 L1313961-09 GW

Collected by: BH/HC | Collected date/time: 02/03/21 14:20 | Received date/time: 02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1618259	1	02/10/21 07:06	02/10/21 07:06	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1616374	1	02/06/21 00:23	02/06/21 00:23	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1617894	1	02/10/21 00:29	02/10/21 14:41	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619102	1	02/10/21 14:49	02/10/21 14:49	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 20:17	02/07/21 20:17	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 21:46	02/09/21 21:46	ACG	Mt. Juliet, TN

TB-020321 L1313961-10 GW

Collected by	Collected date/time	Received date/time
BH/HC	02/03/21 15:20	02/04/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1617882	1	02/08/21 01:14	02/08/21 01:14	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 15:57	02/07/21 15:57	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 15:46	02/09/21 15:46	ACG	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Report Revision History

Level II Report - Version 1: 02/11/21 18:04

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	916	J	594	5000	1	02/10/2021 05:08	WG1618259

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	8710		102	1000	1	02/06/2021 19:04	WG1617521

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5010		28.1	100	1	02/10/2021 14:12	WG1617894
Manganese	666		0.704	5.00	1	02/10/2021 14:12	WG1617894

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	2480		0.287	0.678	1	02/11/2021 09:44	WG1618919
Ethane	U		0.296	1.29	1	02/10/2021 14:06	WG1619102
Ethene	U		0.422	1.27	1	02/10/2021 14:06	WG1619102

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	6.13		0.548	1.00	1	02/09/2021 17:39	WG1618791
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 17:39	WG1618791
Benzene	0.112		0.0160	0.0400	1	02/09/2021 17:39	WG1618791
Bromobenzene	U		0.0420	0.500	1	02/09/2021 17:39	WG1618791
Bromodichloromethane	U		0.0315	0.100	1	02/09/2021 17:39	WG1618791
Bromoform	U		0.239	1.00	1	02/09/2021 17:39	WG1618791
Bromomethane	U		0.148	0.500	1	02/09/2021 17:39	WG1618791
n-Butylbenzene	U		0.153	0.500	1	02/09/2021 17:39	WG1618791
sec-Butylbenzene	U		0.101	0.500	1	02/09/2021 17:39	WG1618791
tert-Butylbenzene	U		0.0620	0.200	1	02/09/2021 17:39	WG1618791
Carbon tetrachloride	U		0.0432	0.200	1	02/09/2021 17:39	WG1618791
Chlorobenzene	U		0.0229	0.100	1	02/09/2021 17:39	WG1618791
Chlorodibromomethane	U		0.0180	0.100	1	02/09/2021 17:39	WG1618791
Chloroethane	U		0.0432	0.200	1	02/09/2021 17:39	WG1618791
Chloroform	U		0.0166	0.100	1	02/09/2021 17:39	WG1618791
Chloromethane	U		0.0556	0.500	1	02/09/2021 17:39	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/09/2021 17:39	WG1618791
4-Chlorotoluene	U		0.0452	0.200	1	02/09/2021 17:39	WG1618791
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/09/2021 17:39	WG1618791
1,2-Dibromoethane	U		0.0210	0.100	1	02/09/2021 17:39	WG1618791
Dibromomethane	U		0.0400	0.200	1	02/09/2021 17:39	WG1618791
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/09/2021 17:39	WG1618791
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/09/2021 17:39	WG1618791
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/09/2021 17:39	WG1618791
Dichlorodifluoromethane	U		0.0327	0.100	1	02/09/2021 17:39	WG1618791
1,1-Dichloroethane	U		0.0230	0.100	1	02/09/2021 17:39	WG1618791
1,2-Dichloroethane	U		0.0190	0.100	1	02/09/2021 17:39	WG1618791
1,1-Dichloroethene	U		0.0200	0.100	1	02/09/2021 17:39	WG1618791
cis-1,2-Dichloroethene	5.36		0.0276	0.100	1	02/09/2021 17:39	WG1618791
trans-1,2-Dichloroethene	6.09		0.0572	0.200	1	02/09/2021 17:39	WG1618791
1,2-Dichloropropane	U		0.0508	0.200	1	02/09/2021 17:39	WG1618791

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/09/2021 17:39	WG1618791
1,3-Dichloropropane	U		0.0700	0.200	1	02/09/2021 17:39	WG1618791
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/09/2021 17:39	WG1618791
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/09/2021 17:39	WG1618791
2,2-Dichloropropane	U		0.0317	0.100	1	02/09/2021 17:39	WG1618791
Di-isopropyl ether	U		0.0140	0.0400	1	02/09/2021 17:39	WG1618791
Ethylbenzene	0.166		0.0212	0.100	1	02/09/2021 17:39	WG1618791
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/09/2021 17:39	WG1618791
Isopropylbenzene	U		0.0345	0.100	1	02/09/2021 17:39	WG1618791
p-Isopropyltoluene	U		0.0932	0.200	1	02/09/2021 17:39	WG1618791
2-Butanone (MEK)	U		0.500	1.00	1	02/09/2021 17:39	WG1618791
Methylene Chloride	U		0.265	1.00	1	02/09/2021 17:39	WG1618791
4-Methyl-2-pentanone (MIBK)	2.97		0.400	1.00	1	02/09/2021 17:39	WG1618791
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/09/2021 17:39	WG1618791
Naphthalene	U		0.124	0.500	1	02/09/2021 17:39	WG1618791
n-Propylbenzene	U		0.0472	0.200	1	02/09/2021 17:39	WG1618791
Styrene	U		0.109	0.500	1	02/09/2021 17:39	WG1618791
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/09/2021 17:39	WG1618791
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/09/2021 17:39	WG1618791
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/09/2021 17:39	WG1618791
Tetrachloroethene	0.0510	J	0.0280	0.100	1	02/09/2021 17:39	WG1618791
Toluene	0.704		0.0500	0.200	1	02/09/2021 17:39	WG1618791
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/09/2021 17:39	WG1618791
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/09/2021 17:39	WG1618791
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/09/2021 17:39	WG1618791
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/09/2021 17:39	WG1618791
Trichloroethene	0.266		0.0160	0.0400	1	02/09/2021 17:39	WG1618791
Trichlorofluoromethane	U		0.0200	0.100	1	02/09/2021 17:39	WG1618791
1,2,3-Trichloropropane	U		0.204	0.500	1	02/09/2021 17:39	WG1618791
1,2,4-Trimethylbenzene	0.130	J	0.0464	0.200	1	02/09/2021 17:39	WG1618791
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/09/2021 17:39	WG1618791
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/09/2021 17:39	WG1618791
Vinyl chloride	1.80		0.0273	0.100	1	02/09/2021 17:39	WG1618791
Xylenes, Total	1.04		0.191	0.260	1	02/09/2021 17:39	WG1618791
Ethyl Ether	U		0.0170	0.100	1	02/09/2021 17:39	WG1618791
Tetrahydrofuran	46.0		2.25	12.5	25	02/07/2021 21:32	WG1617708
Iodomethane	U		0.242	0.500	1	02/09/2021 17:39	WG1618791
Allyl chloride	U		0.580	1.00	1	02/09/2021 17:39	WG1618791
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/09/2021 17:39	WG1618791
(S) Toluene-d8	*105*			*75.0-131*		*02/07/2021 21:32*	WG1617708
(S) Toluene-d8	*100*			*75.0-131*		*02/09/2021 17:39*	WG1618791
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*02/07/2021 21:32*	WG1617708
(S) 4-Bromofluorobenzene	*95.8*			*67.0-138*		*02/09/2021 17:39*	WG1618791
(S) 1,2-Dichloroethane-d4	*88.9*			*70.0-130*		*02/07/2021 21:32*	WG1617708
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/09/2021 17:39*	WG1618791

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	U		594	5000	1	02/04/2021 23:00	WG1616723

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	9090		102	1000	1	02/06/2021 20:54	WG1617521

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	9270		28.1	100	1	02/10/2021 14:22	WG1617894
Manganese	3360		0.704	5.00	1	02/10/2021 14:22	WG1617894

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	38.5	B J	31.6	100	1	02/08/2021 05:13	WG1617882
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*02/08/2021 05:13*	WG1617882

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4330		0.287	0.678	1	02/10/2021 14:12	WG1619102
Ethane	U		0.296	1.29	1	02/10/2021 14:12	WG1619102
Ethene	U		0.422	1.27	1	02/10/2021 14:12	WG1619102

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.98		0.548	1.00	1	02/07/2021 17:50	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 17:58	WG1618791
Benzene	U		0.0160	0.0400	1	02/07/2021 17:50	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 17:50	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 17:50	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 17:50	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 17:50	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 17:50	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 17:50	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 17:50	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 17:50	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 17:50	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 17:50	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 17:50	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 17:50	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 17:58	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 17:50	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 17:50	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 17:50	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 17:50	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 17:50	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 17:50	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 17:50	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 17:50	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 17:50	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 17:50	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 17:50	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 17:50	WG1617708
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/07/2021 17:50	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 17:50	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 17:50	WG1617708
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 17:50	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 17:50	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 17:50	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 17:50	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 17:50	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 17:50	WG1617708
Ethylbenzene	0.101		0.0212	0.100	1	02/07/2021 17:50	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 17:50	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 17:50	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 17:50	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 17:50	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 17:50	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 17:50	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 17:50	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 17:50	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 17:50	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 17:50	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 17:50	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 17:50	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 17:50	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 17:50	WG1617708
Toluene	0.158	J	0.0500	0.200	1	02/07/2021 17:50	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 17:50	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 17:50	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 17:50	WG1617708
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 17:50	WG1617708
Trichloroethene	U		0.0160	0.0400	1	02/07/2021 17:50	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 17:50	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 17:50	WG1617708
1,2,4-Trimethylbenzene	0.0640	J	0.0464	0.200	1	02/07/2021 17:50	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 17:50	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 17:50	WG1617708
Vinyl chloride	U		0.0273	0.100	1	02/07/2021 17:50	WG1617708
Xylenes, Total	0.716		0.191	0.260	1	02/07/2021 17:50	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 17:50	WG1617708
Tetrahydrofuran	U		0.0900	0.500	1	02/07/2021 17:50	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 17:50	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 17:50	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 17:50	WG1617708
(S) Toluene-d8	*106*			*75.0-131*		*02/07/2021 17:50*	WG1617708
(S) Toluene-d8	*102*			*75.0-131*		*02/09/2021 17:58*	WG1618791
(S) 4-Bromofluorobenzene	*99.1*			*67.0-138*		*02/07/2021 17:50*	WG1617708
(S) 4-Bromofluorobenzene	*97.7*			*67.0-138*		*02/09/2021 17:58*	WG1618791
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*02/07/2021 17:50*	WG1617708
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/09/2021 17:58*	WG1618791

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	19200		594	5000	1	02/10/2021 05:21	WG1618259

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	4820		102	1000	1	02/06/2021 22:08	WG1617521

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	12000		28.1	100	1	02/10/2021 14:25	WG1617894
Manganese	697		0.704	5.00	1	02/10/2021 14:25	WG1617894

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1070		0.287	0.678	1	02/10/2021 14:17	WG1619102
Ethane	U		0.296	1.29	1	02/10/2021 14:17	WG1619102
Ethene	U		0.422	1.27	1	02/10/2021 14:17	WG1619102

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/07/2021 18:09	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 18:17	WG1618791
Benzene	0.0270	J	0.0160	0.0400	1	02/07/2021 18:09	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 18:09	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 18:09	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 18:09	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 18:09	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 18:09	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 18:09	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 18:09	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 18:09	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 18:09	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 18:09	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 18:09	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 18:09	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 18:17	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 18:09	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 18:09	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 18:09	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 18:09	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 18:09	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 18:09	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 18:09	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 18:09	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 18:09	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 18:09	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 18:09	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 18:09	WG1617708
cis-1,2-Dichloroethene	0.0890	J	0.0276	0.100	1	02/07/2021 18:09	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 18:09	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 18:09	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 18:09	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 18:09	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 18:09	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 18:09	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 18:09	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 18:09	WG1617708
Ethylbenzene	0.197		0.0212	0.100	1	02/07/2021 18:09	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 18:09	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 18:09	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 18:09	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 18:09	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 18:09	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 18:09	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 18:09	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 18:09	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 18:09	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 18:09	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 18:09	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 18:09	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 18:09	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 18:09	WG1617708
Toluene	0.532		0.0500	0.200	1	02/07/2021 18:09	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 18:09	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 18:09	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 18:09	WG1617708
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 18:09	WG1617708
Trichloroethene	0.0680		0.0160	0.0400	1	02/07/2021 18:09	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 18:09	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 18:09	WG1617708
1,2,4-Trimethylbenzene	0.0870	J	0.0464	0.200	1	02/07/2021 18:09	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 18:09	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 18:09	WG1617708
Vinyl chloride	0.526		0.0273	0.100	1	02/07/2021 18:09	WG1617708
Xylenes, Total	1.17		0.191	0.260	1	02/07/2021 18:09	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 18:09	WG1617708
Tetrahydrofuran	U		0.0900	0.500	1	02/07/2021 18:09	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 18:09	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 18:09	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 18:09	WG1617708
(S) Toluene-d8	*107*			*75.0-131*		*02/07/2021 18:09*	WG1617708
(S) Toluene-d8	*102*			*75.0-131*		*02/09/2021 18:17*	WG1618791
(S) 4-Bromofluorobenzene	*99.8*			*67.0-138*		*02/07/2021 18:09*	WG1617708
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*		*02/09/2021 18:17*	WG1618791
(S) 1,2-Dichloroethane-d4	*89.7*			*70.0-130*		*02/07/2021 18:09*	WG1617708
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/09/2021 18:17*	WG1618791

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	1180	J	594	5000	1	02/10/2021 05:34	WG1618259

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	3470	B	102	1000	1	02/06/2021 22:25	WG1617521

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	2510		28.1	100	1	02/10/2021 14:28	WG1617894
Manganese	1030		0.704	5.00	1	02/10/2021 14:28	WG1617894

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	1220		0.287	0.678	1	02/11/2021 09:47	WG1618919
Ethane	408		0.296	1.29	1	02/10/2021 14:20	WG1619102
Ethene	U		0.422	1.27	1	02/10/2021 14:20	WG1619102

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	55.7		0.548	1.00	1	02/07/2021 18:28	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 18:36	WG1618791
Benzene	0.0460		0.0160	0.0400	1	02/07/2021 18:28	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 18:28	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 18:28	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 18:28	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 18:28	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 18:28	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 18:28	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 18:28	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 18:28	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 18:28	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 18:28	WG1617708
Chloroethane	0.405	C5	0.0432	0.200	1	02/07/2021 18:28	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 18:28	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 18:36	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 18:28	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 18:28	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 18:28	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 18:28	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 18:28	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 18:28	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 18:28	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 18:28	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 18:28	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 18:28	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 18:28	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 18:28	WG1617708
cis-1,2-Dichloroethene	0.450		0.0276	0.100	1	02/07/2021 18:28	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 18:28	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 18:28	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 18:28	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 18:28	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 18:28	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 18:28	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 18:28	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 18:28	WG1617708
Ethylbenzene	0.150		0.0212	0.100	1	02/07/2021 18:28	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 18:28	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 18:28	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 18:28	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 18:28	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 18:28	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 18:28	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 18:28	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 18:28	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 18:28	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 18:28	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 18:28	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 18:28	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 18:28	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 18:28	WG1617708
Toluene	0.393		0.0500	0.200	1	02/07/2021 18:28	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 18:28	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 18:28	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 18:28	WG1617708
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 18:28	WG1617708
Trichloroethene	0.0750		0.0160	0.0400	1	02/07/2021 18:28	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 18:28	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 18:28	WG1617708
1,2,4-Trimethylbenzene	0.0730	J	0.0464	0.200	1	02/07/2021 18:28	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 18:28	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 18:28	WG1617708
Vinyl chloride	0.632		0.0273	0.100	1	02/07/2021 18:28	WG1617708
Xylenes, Total	1.03		0.191	0.260	1	02/07/2021 18:28	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 18:28	WG1617708
Tetrahydrofuran	U		0.0900	0.500	1	02/07/2021 18:28	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 18:28	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 18:28	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 18:28	WG1617708
(S) Toluene-d8	*105*			*75.0-131*		*02/07/2021 18:28*	WG1617708
(S) Toluene-d8	*98.3*			*75.0-131*		*02/09/2021 18:36*	WG1618791
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*		*02/07/2021 18:28*	WG1617708
(S) 4-Bromofluorobenzene	*98.4*			*67.0-138*		*02/09/2021 18:36*	WG1618791
(S) 1,2-Dichloroethane-d4	*92.9*			*70.0-130*		*02/07/2021 18:28*	WG1617708
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/09/2021 18:36*	WG1618791

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	42800		594	5000	1	02/10/2021 05:48	WG1618259

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	4420	B	102	1000	1	02/06/2021 22:46	WG1617521

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2030		28.1	100	1	02/10/2021 14:32	WG1617894
Manganese	951		0.704	5.00	1	02/10/2021 14:32	WG1617894

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	755		0.287	0.678	1	02/10/2021 14:26	WG1619102
Ethane	U		0.296	1.29	1	02/10/2021 14:26	WG1619102
Ethene	48.9		0.422	1.27	1	02/10/2021 14:26	WG1619102

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/07/2021 18:47	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 18:55	WG1618791
Benzene	U		0.0160	0.0400	1	02/07/2021 18:47	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 18:47	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 18:47	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 18:47	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 18:47	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 18:47	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 18:47	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 18:47	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 18:47	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 18:47	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 18:47	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 18:47	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 18:47	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 18:55	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 18:47	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 18:47	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 18:47	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 18:47	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 18:47	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 18:47	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 18:47	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 18:47	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 18:47	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 18:47	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 18:47	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 18:47	WG1617708
cis-1,2-Dichloroethene	12.5		0.0276	0.100	1	02/07/2021 18:47	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 18:47	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 18:47	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 18:47	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 18:47	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 18:47	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 18:47	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 18:47	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 18:47	WG1617708
Ethylbenzene	0.0450	J	0.0212	0.100	1	02/07/2021 18:47	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 18:47	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 18:47	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 18:47	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 18:47	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 18:47	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 18:47	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 18:47	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 18:47	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 18:47	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 18:47	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 18:47	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 18:47	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 18:47	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 18:47	WG1617708
Toluene	0.164	J	0.0500	0.200	1	02/07/2021 18:47	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 18:47	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 18:47	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 18:47	WG1617708
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 18:47	WG1617708
Trichloroethene	U		0.0160	0.0400	1	02/07/2021 18:47	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 18:47	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 18:47	WG1617708
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/07/2021 18:47	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 18:47	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 18:47	WG1617708
Vinyl chloride	68.4		0.0273	0.100	1	02/07/2021 18:47	WG1617708
Xylenes, Total	0.252	J	0.191	0.260	1	02/07/2021 18:47	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 18:47	WG1617708
Tetrahydrofuran	U		0.0900	0.500	1	02/07/2021 18:47	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 18:47	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 18:47	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 18:47	WG1617708
(S) Toluene-d8	*106*			*75.0-131*		*02/07/2021 18:47*	WG1617708
(S) Toluene-d8	*101*			*75.0-131*		*02/09/2021 18:55*	WG1618791
(S) 4-Bromofluorobenzene	*99.9*			*67.0-138*		*02/07/2021 18:47*	WG1617708
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*		*02/09/2021 18:55*	WG1618791
(S) 1,2-Dichloroethane-d4	*84.7*			*70.0-130*		*02/07/2021 18:47*	WG1617708
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/09/2021 18:55*	WG1618791

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	207000		2970	25000	5	02/10/2021 10:25	WG1618259

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2210	B	102	1000	1	02/06/2021 23:00	WG1617521

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1080		28.1	100	1	02/10/2021 14:35	WG1617894
Manganese	386		0.704	5.00	1	02/10/2021 14:35	WG1617894

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	881		0.287	0.678	1	02/11/2021 09:49	WG1618919
Ethane	U		0.296	1.29	1	02/10/2021 14:33	WG1619102
Ethene	U		0.422	1.27	1	02/10/2021 14:33	WG1619102

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/07/2021 19:06	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 19:14	WG1618791
Benzene	U		0.0160	0.0400	1	02/07/2021 19:06	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 19:06	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 19:06	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 19:06	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 19:06	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 19:06	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 19:06	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 19:06	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 19:06	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 19:06	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 19:06	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 19:06	WG1617708
Chloroform	0.132		0.0166	0.100	1	02/07/2021 19:06	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 19:14	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 19:06	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 19:06	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 19:06	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 19:06	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 19:06	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 19:06	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 19:06	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 19:06	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 19:06	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 19:06	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 19:06	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 19:06	WG1617708
cis-1,2-Dichloroethene	1.22		0.0276	0.100	1	02/07/2021 19:06	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 19:06	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 19:06	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 19:06	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 19:06	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 19:06	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 19:06	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 19:06	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 19:06	WG1617708
Ethylbenzene	0.0810	J	0.0212	0.100	1	02/07/2021 19:06	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 19:06	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 19:06	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 19:06	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 19:06	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 19:06	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 19:06	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 19:06	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 19:06	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 19:06	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 19:06	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 19:06	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 19:06	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 19:06	WG1617708
Tetrachloroethene	0.371		0.0280	0.100	1	02/07/2021 19:06	WG1617708
Toluene	0.198	J	0.0500	0.200	1	02/07/2021 19:06	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 19:06	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 19:06	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 19:06	WG1617708
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 19:06	WG1617708
Trichloroethene	0.341		0.0160	0.0400	1	02/07/2021 19:06	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 19:06	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 19:06	WG1617708
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/07/2021 19:06	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 19:06	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 19:06	WG1617708
Vinyl chloride	0.248		0.0273	0.100	1	02/07/2021 19:06	WG1617708
Xylenes, Total	0.550		0.191	0.260	1	02/07/2021 19:06	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 19:06	WG1617708
Tetrahydrofuran	U		0.0900	0.500	1	02/07/2021 19:06	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 19:06	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 19:06	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 19:06	WG1617708
(S) Toluene-d8	*105*			*75.0-131*		*02/07/2021 19:06*	WG1617708
(S) Toluene-d8	*102*			*75.0-131*		*02/09/2021 19:14*	WG1618791
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/07/2021 19:06*	WG1617708
(S) 4-Bromofluorobenzene	*98.8*			*67.0-138*		*02/09/2021 19:14*	WG1618791
(S) 1,2-Dichloroethane-d4	*91.4*			*70.0-130*		*02/07/2021 19:06*	WG1617708
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/09/2021 19:14*	WG1618791

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	46100		594	5000	1	02/10/2021 06:40	WG1618259

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3560	B	102	1000	1	02/06/2021 23:19	WG1617521

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1990		28.1	100	1	02/10/2021 14:38	WG1617894
Manganese	818		0.704	5.00	1	02/10/2021 14:38	WG1617894

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1080		0.287	0.678	1	02/10/2021 14:43	WG1619102
Ethane	U		0.296	1.29	1	02/10/2021 14:43	WG1619102
Ethene	58.9		0.422	1.27	1	02/10/2021 14:43	WG1619102

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/07/2021 19:24	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 21:08	WG1618791
Benzene	U		0.0160	0.0400	1	02/07/2021 19:24	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 19:24	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 19:24	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 19:24	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 19:24	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 19:24	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 19:24	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 19:24	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 19:24	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 19:24	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 19:24	WG1617708
Chloroethane	1.95	C5	0.0432	0.200	1	02/07/2021 19:24	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 19:24	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 21:08	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 19:24	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 19:24	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 19:24	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 19:24	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 19:24	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 19:24	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 19:24	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 19:24	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 19:24	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 19:24	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 19:24	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 19:24	WG1617708
cis-1,2-Dichloroethene	1.74		0.0276	0.100	1	02/07/2021 19:24	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 19:24	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 19:24	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 19:24	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 19:24	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 19:24	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 19:24	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 19:24	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 19:24	WG1617708
Ethylbenzene	U		0.0212	0.100	1	02/07/2021 19:24	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 19:24	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 19:24	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 19:24	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 19:24	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 19:24	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 19:24	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 19:24	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 19:24	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 19:24	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 19:24	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 19:24	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 19:24	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 19:24	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 19:24	WG1617708
Toluene	0.121	J	0.0500	0.200	1	02/07/2021 19:24	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 19:24	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 19:24	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 19:24	WG1617708
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 19:24	WG1617708
Trichloroethene	U		0.0160	0.0400	1	02/07/2021 19:24	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 19:24	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 19:24	WG1617708
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/07/2021 19:24	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 19:24	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 19:24	WG1617708
Vinyl chloride	28.1		0.0273	0.100	1	02/07/2021 19:24	WG1617708
Xylenes, Total	0.226	J	0.191	0.260	1	02/07/2021 19:24	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 19:24	WG1617708
Tetrahydrofuran	U		0.0900	0.500	1	02/07/2021 19:24	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 19:24	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 19:24	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 19:24	WG1617708
(S) Toluene-d8	*106*			*75.0-131*		*02/07/2021 19:24*	WG1617708
(S) Toluene-d8	*99.9*			*75.0-131*		*02/09/2021 21:08*	WG1618791
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*02/07/2021 19:24*	WG1617708
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*		*02/09/2021 21:08*	WG1618791
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*		*02/07/2021 19:24*	WG1617708
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/09/2021 21:08*	WG1618791

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	19300		594	5000	1	02/10/2021 06:53	WG1618259

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	64900		102	1000	1	02/05/2021 23:41	WG1616374

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	1160		28.1	100	1	02/10/2021 13:49	WG1617894
Manganese	788	V	0.704	5.00	1	02/10/2021 13:49	WG1617894

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	2430		0.287	0.678	1	02/11/2021 09:52	WG1618919
Ethane	U		0.296	1.29	1	02/10/2021 14:46	WG1619102
Ethene	U		0.422	1.27	1	02/10/2021 14:46	WG1619102

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	4.83		0.548	1.00	1	02/07/2021 19:43	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 21:27	WG1618791
Benzene	U		0.0160	0.0400	1	02/07/2021 19:43	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 19:43	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 19:43	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 19:43	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 19:43	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 19:43	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 19:43	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 19:43	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 19:43	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 19:43	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 19:43	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 19:43	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 19:43	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 21:27	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 19:43	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 19:43	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 19:43	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 19:43	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 19:43	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 19:43	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 19:43	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 19:43	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 19:43	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 19:43	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 19:43	WG1617708
1,1-Dichloroethene	0.0320	J	0.0200	0.100	1	02/07/2021 19:43	WG1617708
cis-1,2-Dichloroethene	0.495		0.0276	0.100	1	02/07/2021 19:43	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 19:43	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 19:43	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 19:43	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 19:43	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 19:43	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 19:43	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 19:43	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 19:43	WG1617708
Ethylbenzene	U		0.0212	0.100	1	02/07/2021 19:43	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 19:43	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 19:43	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 19:43	WG1617708
2-Butanone (MEK)	34.2		0.500	1.00	1	02/07/2021 19:43	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 19:43	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 19:43	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 19:43	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 19:43	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 19:43	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 19:43	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 19:43	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 19:43	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 19:43	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 19:43	WG1617708
Toluene	U		0.0500	0.200	1	02/07/2021 19:43	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 19:43	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 19:43	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 19:43	WG1617708
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 19:43	WG1617708
Trichloroethene	0.191		0.0160	0.0400	1	02/07/2021 19:43	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 19:43	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 19:43	WG1617708
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/07/2021 19:43	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 19:43	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 19:43	WG1617708
Vinyl chloride	3.62		0.0273	0.100	1	02/07/2021 19:43	WG1617708
Xylenes, Total	U		0.191	0.260	1	02/07/2021 19:43	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 19:43	WG1617708
Tetrahydrofuran	13.3		0.0900	0.500	1	02/07/2021 19:43	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 19:43	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 19:43	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 19:43	WG1617708
(S) Toluene-d8	*104*			*75.0-131*		*02/07/2021 19:43*	WG1617708
(S) Toluene-d8	*101*			*75.0-131*		*02/09/2021 21:27*	WG1618791
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*02/07/2021 19:43*	WG1617708
(S) 4-Bromofluorobenzene	*97.0*			*67.0-138*		*02/09/2021 21:27*	WG1618791
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*02/07/2021 19:43*	WG1617708
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/09/2021 21:27*	WG1618791

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	3750	J	594	5000	1	02/10/2021 07:06	WG1618259

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1320	B	102	1000	1	02/06/2021 00:23	WG1616374

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2960		28.1	100	1	02/10/2021 14:41	WG1617894
Manganese	200		0.704	5.00	1	02/10/2021 14:41	WG1617894

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	17.4		0.287	0.678	1	02/10/2021 14:49	WG1619102
Ethane	U		0.296	1.29	1	02/10/2021 14:49	WG1619102
Ethene	U		0.422	1.27	1	02/10/2021 14:49	WG1619102

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/07/2021 20:17	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 21:46	WG1618791
Benzene	U		0.0160	0.0400	1	02/07/2021 20:17	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 20:17	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 20:17	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 20:17	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 20:17	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 20:17	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 20:17	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 20:17	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 20:17	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 20:17	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 20:17	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 20:17	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 20:17	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 21:46	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 20:17	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 20:17	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 20:17	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 20:17	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 20:17	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 20:17	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 20:17	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 20:17	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 20:17	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 20:17	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 20:17	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 20:17	WG1617708
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/07/2021 20:17	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 20:17	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 20:17	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 20:17	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 20:17	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 20:17	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 20:17	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 20:17	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 20:17	WG1617708
Ethylbenzene	0.0390	J	0.0212	0.100	1	02/07/2021 20:17	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 20:17	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 20:17	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 20:17	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 20:17	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 20:17	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 20:17	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 20:17	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 20:17	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 20:17	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 20:17	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 20:17	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 20:17	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 20:17	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 20:17	WG1617708
Toluene	0.0880	J	0.0500	0.200	1	02/07/2021 20:17	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 20:17	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 20:17	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 20:17	WG1617708
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 20:17	WG1617708
Trichloroethene	U		0.0160	0.0400	1	02/07/2021 20:17	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 20:17	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 20:17	WG1617708
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/07/2021 20:17	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 20:17	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 20:17	WG1617708
Vinyl chloride	U		0.0273	0.100	1	02/07/2021 20:17	WG1617708
Xylenes, Total	0.282		0.191	0.260	1	02/07/2021 20:17	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 20:17	WG1617708
Tetrahydrofuran	U		0.0900	0.500	1	02/07/2021 20:17	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 20:17	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 20:17	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 20:17	WG1617708
(S) Toluene-d8	*104*			*75.0-131*		*02/07/2021 20:17*	WG1617708
(S) Toluene-d8	*100*			*75.0-131*		*02/09/2021 21:46*	WG1618791
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*02/07/2021 20:17*	WG1617708
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*02/09/2021 21:46*	WG1618791
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*		*02/07/2021 20:17*	WG1617708
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/09/2021 21:46*	WG1618791

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	43.3	B J	31.6	100	1	02/08/2021 01:14	WG1617882
(S) a,a,a-Trifluorotoluene(FID)	*104*			*78.0-120*		*02/08/2021 01:14*	WG1617882

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.99		0.548	1.00	1	02/07/2021 15:57	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 15:46	WG1618791
Benzene	U		0.0160	0.0400	1	02/07/2021 15:57	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 15:57	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 15:57	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 15:57	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 15:57	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 15:57	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 15:57	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 15:57	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 15:57	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 15:57	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 15:57	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 15:57	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 15:57	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 15:46	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 15:57	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 15:57	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 15:57	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 15:57	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 15:57	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 15:57	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 15:57	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 15:57	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 15:57	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 15:57	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 15:57	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 15:57	WG1617708
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/07/2021 15:57	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 15:57	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 15:57	WG1617708
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 15:57	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 15:57	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 15:57	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 15:57	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 15:57	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 15:57	WG1617708
Ethylbenzene	U		0.0212	0.100	1	02/07/2021 15:57	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 15:57	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 15:57	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 15:57	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 15:57	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 15:57	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 15:57	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 15:57	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 15:57	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 15:57	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 15:57	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 15:57	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 15:57	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 15:57	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 15:57	WG1617708
Toluene	U		0.0500	0.200	1	02/07/2021 15:57	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 15:57	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 15:57	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 15:57	WG1617708
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 15:57	WG1617708
Trichloroethene	U		0.0160	0.0400	1	02/07/2021 15:57	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 15:57	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 15:57	WG1617708
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/07/2021 15:57	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 15:57	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 15:57	WG1617708
Vinyl chloride	U		0.0273	0.100	1	02/07/2021 15:57	WG1617708
Xylenes, Total	U		0.191	0.260	1	02/07/2021 15:57	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 15:57	WG1617708
Tetrahydrofuran	U		0.0900	0.500	1	02/07/2021 15:57	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 15:57	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 15:57	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 15:57	WG1617708
(S) Toluene-d8	*107*			*75.0-131*		*02/07/2021 15:57*	WG1617708
(S) Toluene-d8	*102*			*75.0-131*		*02/09/2021 15:46*	WG1618791
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*02/07/2021 15:57*	WG1617708
(S) 4-Bromofluorobenzene	*99.1*			*67.0-138*		*02/09/2021 15:46*	WG1618791
(S) 1,2-Dichloroethane-d4	*89.9*			*70.0-130*		*02/07/2021 15:57*	WG1617708
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/09/2021 15:46*	WG1618791

Method Blank (MB)

(MB) R3619746-1 02/04/21 12:43

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Sulfate	U		594	5000

L1313850-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1313850-01 02/04/21 21:22 • (DUP) R3619746-3 02/04/21 21:33

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	57900	56500	1	2.42		15

L1313856-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1313856-11 02/05/21 10:40 • (DUP) R3619859-1 02/05/21 10:56

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	32900	32900	1	0.148		15

Laboratory Control Sample (LCS)

(LCS) R3619746-2 02/04/21 12:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40000	37900	94.8	80.0-120	

L1313850-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1313850-02 02/04/21 21:44 • (MS) R3619746-4 02/04/21 21:55 • (MSD) R3619746-5 02/04/21 22:06

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfate	50000	56900	107000	107000	101	100	1	80.0-120	E	E	0.158	15

L1313856-12 Original Sample (OS) • Matrix Spike (MS)

(OS) L1313856-12 02/05/21 10:24 • (MS) R3619859-2 02/05/21 11:12

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Sulfate	50000	28900	77100	96.4	1	80.0-120	

Method Blank (MB)

(MB) R3621110-1 02/10/21 01:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Sulfate	U		594	5000

L1313811-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1313811-09 02/10/21 03:50 • (DUP) R3621110-3 02/10/21 04:03

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	208000	208000	1	0.0299	E	15

L1314166-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1314166-01 02/10/21 07:19 • (DUP) R3621110-7 02/10/21 09:16

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	12500	16600	1	28.5	P1	15

Laboratory Control Sample (LCS)

(LCS) R3621110-2 02/10/21 01:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40000	40600	101	80.0-120	

L1313811-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1313811-09 02/10/21 03:50 • (MS) R3621110-4 02/10/21 04:16 • (MSD) R3621110-5 02/10/21 04:29

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfate	50000	208000	205000	251000	0.000	86.1	1	80.0-120	E V	E J3	20.1	15

L1314166-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1314166-01 02/10/21 07:19 • (MS) R3621110-6 02/10/21 07:45

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Sulfate	50000	12500	54900	84.8	1	80.0-120	

Method Blank (MB)

(MB) R3620017-1 02/05/21 11:09

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	397	J	102	1000

L1313408-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1313408-03 02/05/21 16:58 • (DUP) R3620017-5 02/05/21 17:15

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	488	459	1	0.000		20

L1313961-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1313961-08 02/05/21 23:41 • (DUP) R3620017-8 02/06/21 00:06

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	64900	65000	1	0.0924		20

Laboratory Control Sample (LCS)

(LCS) R3620017-2 02/05/21 11:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	76800	102	85.0-115	

L1313408-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1313408-01 02/05/21 14:09 • (MS) R3620017-3 02/05/21 14:36 • (MSD) R3620017-4 02/05/21 15:00

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	308	47700	48100	94.8	95.6	1	80.0-120			0.793	20

L1313594-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1313594-01 02/05/21 17:55 • (MS) R3620017-6 02/05/21 18:25 • (MSD) R3620017-7 02/05/21 18:53

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	3790	56500	52500	105	97.4	1	80.0-120			7.27	20

Method Blank (MB)

(MB) R3620325-1 02/06/21 13:02

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	455	J	102	1000

L1313671-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1313671-01 02/06/21 17:19 • (DUP) R3620325-3 02/06/21 17:33

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	1220	1140	1	6.35		20

L1313961-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1313961-07 02/06/21 23:19 • (DUP) R3620325-6 02/06/21 23:34

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	3560	3710	1	4.10		20

Laboratory Control Sample (LCS)

(LCS) R3620325-2 02/06/21 13:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	79200	106	85.0-115	

L1313961-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1313961-02 02/06/21 20:54 • (MS) R3620325-4 02/06/21 21:21 • (MSD) R3620325-5 02/06/21 21:49

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	9090	59900	61300	102	104	1	80.0-120			2.39	20

L1314194-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1314194-02 02/07/21 01:58 • (MS) R3620325-7 02/07/21 02:27 • (MSD) R3620325-8 02/07/21 02:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	2940	55100	56000	104	106	1	80.0-120			1.64	20

Method Blank (MB)

(MB) R3621242-1 02/10/21 13:43

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Iron	U		28.1	100
Manganese	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3621242-2 02/10/21 13:46

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron	5000	4660	93.3	80.0-120	
Manganese	50.0	46.0	92.1	80.0-120	

L1313961-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1313961-08 02/10/21 13:49 • (MS) R3621242-4 02/10/21 13:56 • (MSD) R3621242-5 02/10/21 13:59

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	5000	1160	5610	5710	89.0	91.1	1	75.0-125			1.81	20
Manganese	50.0	788	820	822	63.7	67.6	1	75.0-125	V	V	0.236	20

Method Blank (MB)

(MB) R3621264-2 02/08/21 00:19

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	36.8	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*105*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3621264-1 02/07/21 22:37

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	5240	95.3	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*92.0*	*78.0-120*	

Method Blank (MB)

(MB) R3621555-2 02/11/21 09:36

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		0.287	0.678

L1313779-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1313779-12 02/11/21 09:41 • (DUP) R3621555-3 02/11/21 10:02

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621555-1 02/11/21 09:33 • (LCSD) R3621555-4 02/11/21 10:05

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	63.8	71.3	94.1	105	85.0-115			11.1	20

Method Blank (MB)

(MB) R3621282-2 02/10/21 13:39

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Methane	U		0.287	0.678
Ethane	U		0.296	1.29
Ethene	U		0.422	1.27

L1314164-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1314164-01 02/10/21 13:42 • (DUP) R3621282-3 02/10/21 14:29

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1314166-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1314166-01 02/10/21 13:44 • (DUP) R3621282-4 02/10/21 15:20

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621282-1 02/10/21 13:36 • (LCSD) R3621282-5 02/10/21 15:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methane	67.8	65.2	68.3	96.2	101	85.0-115			4.64	20
Ethane	129	132	131	102	102	85.0-115			0.760	20
Ethene	127	131	128	103	101	85.0-115			2.32	20

Method Blank (MB)

(MB) R3620825-2 02/07/21 12:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500

Method Blank (MB)

(MB) R3620825-2 02/07/21 12:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*87.5*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3620825-1 02/07/21 11:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	20.2	80.8	10.0-160	
Benzene	5.00	4.56	91.2	70.0-123	

Laboratory Control Sample (LCS)

(LCS) R3620825-1 02/07/21 11:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromobenzene	5.00	4.82	96.4	73.0-121	
Bromodichloromethane	5.00	4.44	88.8	73.0-121	
Bromoform	5.00	4.63	92.6	64.0-132	
Bromomethane	5.00	5.80	116	56.0-147	
n-Butylbenzene	5.00	4.22	84.4	68.0-135	
sec-Butylbenzene	5.00	4.35	87.0	74.0-130	
tert-Butylbenzene	5.00	4.38	87.6	75.0-127	
Carbon tetrachloride	5.00	4.48	89.6	66.0-128	
Chlorobenzene	5.00	4.65	93.0	76.0-128	
Chlorodibromomethane	5.00	4.53	90.6	74.0-127	
Chloroethane	5.00	6.24	125	61.0-134	
Chloroform	5.00	4.40	88.0	72.0-123	
2-Chlorotoluene	5.00	4.49	89.8	75.0-124	
4-Chlorotoluene	5.00	4.40	88.0	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	3.35	67.0	59.0-130	
1,2-Dibromoethane	5.00	4.67	93.4	74.0-128	
Dibromomethane	5.00	4.34	86.8	75.0-122	
1,2-Dichlorobenzene	5.00	4.56	91.2	76.0-124	
1,3-Dichlorobenzene	5.00	4.60	92.0	76.0-125	
1,4-Dichlorobenzene	5.00	4.54	90.8	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.50	90.0	45.0-143	
Dichlorodifluoromethane	5.00	3.13	62.6	43.0-156	
1,1-Dichloroethane	5.00	4.04	80.8	70.0-127	
1,2-Dichloroethane	5.00	4.33	86.6	65.0-131	
1,1-Dichloroethene	5.00	4.39	87.8	65.0-131	
cis-1,2-Dichloroethene	5.00	4.47	89.4	73.0-125	
trans-1,2-Dichloroethene	5.00	4.49	89.8	71.0-125	
1,2-Dichloropropane	5.00	4.42	88.4	74.0-125	
1,1-Dichloropropene	5.00	4.37	87.4	73.0-125	
1,3-Dichloropropane	5.00	4.71	94.2	80.0-125	
cis-1,3-Dichloropropene	5.00	4.50	90.0	76.0-127	
trans-1,3-Dichloropropene	5.00	4.28	85.6	73.0-127	
2,2-Dichloropropane	5.00	4.10	82.0	59.0-135	
Di-isopropyl ether	5.00	4.56	91.2	60.0-136	
Ethylbenzene	5.00	4.81	96.2	74.0-126	
Ethyl ether	5.00	4.33	86.6	64.0-137	
Hexachloro-1,3-butadiene	5.00	3.88	77.6	57.0-150	
Iodomethane	25.0	23.6	94.4	74.0-134	
Isopropylbenzene	5.00	4.71	94.2	72.0-127	
p-Isopropyltoluene	5.00	4.43	88.6	72.0-133	

Laboratory Control Sample (LCS)

(LCS) R3620825-1 02/07/21 11:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Butanone (MEK)	25.0	20.4	81.6	30.0-160	
Methylene Chloride	5.00	4.50	90.0	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	20.6	82.4	56.0-143	
Methyl tert-butyl ether	5.00	4.39	87.8	66.0-132	
Naphthalene	5.00	3.71	74.2	59.0-130	
n-Propylbenzene	5.00	4.44	88.8	74.0-126	
Styrene	5.00	4.45	89.0	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.81	96.2	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	4.11	82.2	68.0-128	
Tetrachloroethene	5.00	5.30	106	70.0-136	
Tetrahydrofuran	5.00	4.84	96.8	37.0-146	
Toluene	5.00	4.67	93.4	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	4.10	82.0	61.0-139	
1,2,3-Trichlorobenzene	5.00	3.72	74.4	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.27	85.4	62.0-137	
1,1,1-Trichloroethane	5.00	4.58	91.6	69.0-126	
1,1,2-Trichloroethane	5.00	4.66	93.2	78.0-123	
Trichloroethene	5.00	5.07	101	76.0-126	
Trichlorofluoromethane	5.00	3.67	73.4	61.0-142	
1,2,3-Trichloropropane	5.00	4.19	83.8	67.0-129	
1,2,3-Trimethylbenzene	5.00	4.22	84.4	74.0-124	
1,2,4-Trimethylbenzene	5.00	4.42	88.4	70.0-126	
1,3,5-Trimethylbenzene	5.00	4.56	91.2	73.0-127	
Vinyl chloride	5.00	5.74	115	63.0-134	
Xylenes, Total	15.0	14.1	94.0	72.0-127	
Allyl chloride	25.0	19.8	79.2	70.0-131	
(S) Toluene-d8			*103*	*75.0-131*	
(S) 4-Bromofluorobenzene			*99.6*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*91.4*	*70.0-130*	

Method Blank (MB)

(MB) R3620854-2 02/09/21 09:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3620854-2 02/09/21 09:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3620854-1 02/09/21 08:44

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	23.2	92.8	10.0-160	
Acrylonitrile	25.0	23.6	94.4	45.0-153	
Benzene	5.00	4.76	95.2	70.0-123	
Bromobenzene	5.00	5.61	112	73.0-121	
Bromodichloromethane	5.00	4.54	90.8	73.0-121	
Bromoform	5.00	4.41	88.2	64.0-132	
Bromomethane	5.00	5.03	101	56.0-147	
n-Butylbenzene	5.00	5.37	107	68.0-135	
sec-Butylbenzene	5.00	5.75	115	74.0-130	
tert-Butylbenzene	5.00	5.50	110	75.0-127	
Carbon tetrachloride	5.00	4.81	96.2	66.0-128	
Chlorobenzene	5.00	4.64	92.8	76.0-128	
Chlorodibromomethane	5.00	4.19	83.8	74.0-127	
Chloroethane	5.00	5.06	101	61.0-134	
Chloroform	5.00	4.80	96.0	72.0-123	
Chloromethane	5.00	4.73	94.6	51.0-138	
2-Chlorotoluene	5.00	5.28	106	75.0-124	
4-Chlorotoluene	5.00	5.70	114	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.15	83.0	59.0-130	
1,2-Dibromoethane	5.00	4.79	95.8	74.0-128	
Dibromomethane	5.00	4.71	94.2	75.0-122	
1,2-Dichlorobenzene	5.00	5.34	107	76.0-124	
1,3-Dichlorobenzene	5.00	5.40	108	76.0-125	
1,4-Dichlorobenzene	5.00	5.34	107	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.99	99.8	45.0-143	
Dichlorodifluoromethane	5.00	5.50	110	43.0-156	
1,1-Dichloroethane	5.00	4.90	98.0	70.0-127	
1,2-Dichloroethane	5.00	4.92	98.4	65.0-131	
1,1-Dichloroethene	5.00	5.20	104	65.0-131	
cis-1,2-Dichloroethene	5.00	4.92	98.4	73.0-125	
trans-1,2-Dichloroethene	5.00	5.00	100	71.0-125	
1,2-Dichloropropane	5.00	5.04	101	74.0-125	
1,1-Dichloropropene	5.00	5.19	104	73.0-125	
1,3-Dichloropropane	5.00	5.02	100	80.0-125	
cis-1,3-Dichloropropene	5.00	4.58	91.6	76.0-127	
trans-1,3-Dichloropropene	5.00	4.85	97.0	73.0-127	
2,2-Dichloropropane	5.00	5.30	106	59.0-135	
Di-isopropyl ether	5.00	5.03	101	60.0-136	
Ethylbenzene	5.00	4.74	94.8	74.0-126	
Ethyl ether	5.00	4.88	97.6	64.0-137	

Laboratory Control Sample (LCS)

(LCS) R3620854-1 02/09/21 08:44

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	5.07	101	57.0-150	
Iodomethane	25.0	24.0	96.0	74.0-134	
Isopropylbenzene	5.00	4.88	97.6	72.0-127	
p-Isopropyltoluene	5.00	5.80	116	72.0-133	
2-Butanone (MEK)	25.0	20.9	83.6	30.0-160	
Methylene Chloride	5.00	4.61	92.2	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	27.4	110	56.0-143	
Methyl tert-butyl ether	5.00	4.76	95.2	66.0-132	
Naphthalene	5.00	5.35	107	59.0-130	
n-Propylbenzene	5.00	5.82	116	74.0-126	
Styrene	5.00	4.55	91.0	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.41	88.2	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	5.45	109	68.0-128	
Tetrachloroethene	5.00	5.17	103	70.0-136	
Toluene	5.00	4.82	96.4	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	4.84	96.8	61.0-139	
1,2,3-Trichlorobenzene	5.00	5.53	111	59.0-139	
1,2,4-Trichlorobenzene	5.00	5.19	104	62.0-137	
1,1,1-Trichloroethane	5.00	4.56	91.2	69.0-126	
1,1,2-Trichloroethane	5.00	5.10	102	78.0-123	
Trichloroethene	5.00	5.10	102	76.0-126	
Trichlorofluoromethane	5.00	4.91	98.2	61.0-142	
1,2,3-Trichloropropane	5.00	5.35	107	67.0-129	
1,2,3-Trimethylbenzene	5.00	5.20	104	74.0-124	
1,2,4-Trimethylbenzene	5.00	5.28	106	70.0-126	
1,3,5-Trimethylbenzene	5.00	5.37	107	73.0-127	
Vinyl chloride	5.00	5.28	106	63.0-134	
Xylenes, Total	15.0	13.9	92.7	72.0-127	
Allyl chloride	25.0	24.8	99.2	70.0-131	
(S) Toluene-d8			*102*	*75.0-131*	
(S) 4-Bromofluorobenzene			*96.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*103*	*70.0-130*	

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN, 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

Pace Analytical National 1313 Point Mallard Parkway SE Suite B Decatur, AL, 35601

Alabama	40160
ANSI National Accreditation Board	L2239

Pace Analytical National 660 Bercut Dr. Ste. C Sacramento, CA, 95811

California	2961	Oregon	CA300002
Minnesota	006-999-465	Washington	C926
North Dakota	R-214		

Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV, 89119

Nevada	NV009412021-1

Pace Analytical National 1606 E. Brazos Street Suite D Victoria, TX, 77901

Texas	T104704328-20-18

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.05-601

Lab Project # PESENVSWA-ALP

Collected by (print): Ben Hecht & Hannah Cohn

Site/Facility ID #

P.O. #

Collected by (signature): Hannah Cohn

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # E168

Table # L1313561

Acctnum: PESENVSWA
Template: T180703
Prelogin: P822447
PM: 546 - Jared Starkey
PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK 125mlHDPE-NoPres	FEG,MNG 250mlHDPE-HNO3	NO3,CL,SO4 by 9056 125mlHDPE-NoPres	NWTPHGX 40mlAmb HCl	RSK175LL 40mlAmb-HCl	SULFATE 125mlHDPE-NoPres	TOC 250mlHDPE-HCl	V8260ULLC 40mlAmb-HCl			Remarks	Sample # (lab only)
MW107-020221	Grab	GW	40	2/2/2021	620	8	X	X			X	X	X	X			No ALK	-01
MW125-020221		GW	22		830	11	X	X		X	X	X	X	X			No ALK	-02
MW-158A-020221		GW	95		1300	8		X			X	X	X	X				-03
MW-144R-020221		GW	45		1325	8		X			X	X	X	X				-04
MW-190-020321		GW	83	2/3/2021	1005	8		X			X	X	X	X				-05
R-MW6-020321		GW	17		1210	8		X			X	X	X	X				-06
MW-189-020321		GW	53		1215	8		X			X	X	X	X				-07
W-MW-01-020321		GW	B1 53 75		1350	8		X			X	X	X	X				-08
MW102-020321		GW	120		1420	8		X			X	X	X	X				-09
TB-020321	-	GW	-		1520	2				X				X				-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by: (Signature) Hannah Cohn	Date: 2/3/21	Time: 1600	Received by: (Signature)	Trip Blank Received: 2 Yes / No HCL / MeoH TBR	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.2 °C 0.3+2=0.5	Bottles Received: 15
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/4/21	Time: 0930

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

February 24, 2021

Revised Report

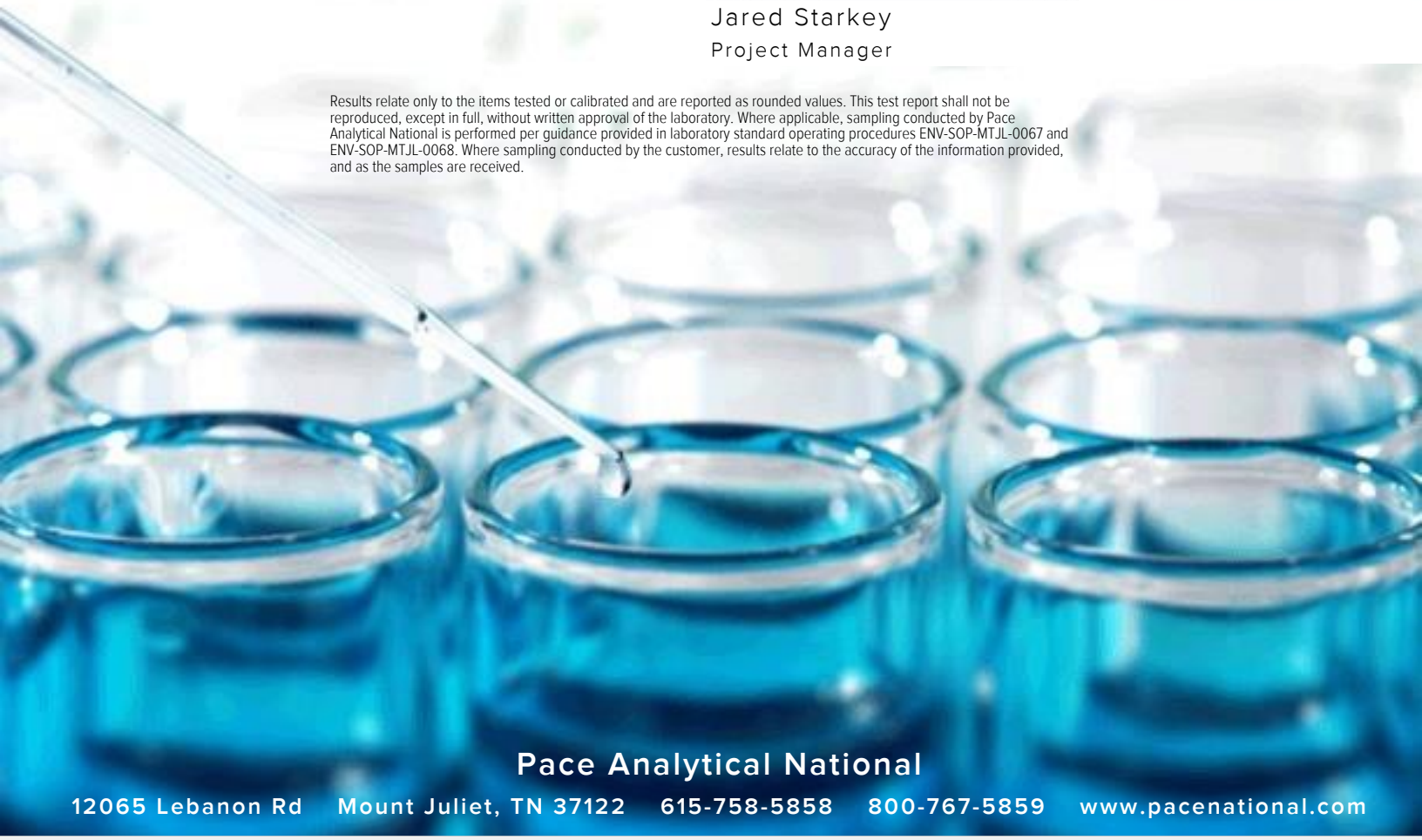
PES Environmental, Inc.- WA

Sample Delivery Group:	L1314614
Samples Received:	02/06/2021
Project Number:	1413-001-05-601
Description:	American Linen
Report To:	Brian O'Neal/Bill Haldeman
	1215 Fourth Ave., Suite 1310
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Entire Report Reviewed By:

Jared Starkey
Project Manager

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MW-165-020421 L1314614-01 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 10:35 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 21:50	02/07/21 21:50	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	100	02/09/21 23:23	02/09/21 23:23	ACG	Mt. Juliet, TN

MW-173-020421 L1314614-02 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 10:17 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 20:35	02/07/21 20:35	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 22:05	02/09/21 22:05	ACG	Mt. Juliet, TN

MW-168-020421 L1314614-03 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 11:15 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 20:54	02/07/21 20:54	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 22:24	02/09/21 22:24	ACG	Mt. Juliet, TN

MW-174-020421 L1314614-04 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 11:40 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1617708	1	02/07/21 21:13	02/07/21 21:13	JIC	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618791	1	02/09/21 23:05	02/09/21 23:05	ACG	Mt. Juliet, TN

MW-175-020421 L1314614-05 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 12:45 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 12:15	02/08/21 12:15	ADM	Mt. Juliet, TN

MW-167-020421 L1314614-06 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 13:30 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 12:34	02/08/21 12:34	ADM	Mt. Juliet, TN

MW-176-020421 L1314614-07 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 13:55 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 12:53	02/08/21 12:53	ADM	Mt. Juliet, TN

MW-166-020421 L1314614-08 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 14:20 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	500	02/08/21 15:25	02/08/21 15:25	ADM	Mt. Juliet, TN

MW121-020521 L1314614-09 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 09:20 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1617451	5	02/07/21 10:05	02/07/21 10:05	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617994	1	02/08/21 20:55	02/08/21 20:55	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1618525	1	02/12/21 12:50	02/12/21 15:37	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1618382	1	02/09/21 06:20	02/09/21 06:20	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619813	1	02/11/21 14:48	02/11/21 14:48	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 13:12	02/08/21 13:12	ADM	Mt. Juliet, TN

MW-160-020521 L1314614-10 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 10:05 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1617451	1	02/07/21 10:23	02/07/21 10:23	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617994	1	02/08/21 21:20	02/08/21 21:20	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1618525	1	02/12/21 12:50	02/12/21 15:41	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619813	1	02/11/21 14:57	02/11/21 14:57	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 13:31	02/08/21 13:31	ADM	Mt. Juliet, TN

MW-145R-020521 L1314614-11 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 11:20 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1617451	1	02/07/21 10:41	02/07/21 10:41	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617994	1	02/08/21 22:26	02/08/21 22:26	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1618525	1	02/12/21 12:50	02/12/21 15:44	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619813	1	02/11/21 15:00	02/11/21 15:00	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 13:50	02/08/21 13:50	ADM	Mt. Juliet, TN

MW-161-020521 L1314614-12 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 12:50 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1617451	1	02/07/21 10:59	02/07/21 10:59	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617994	1	02/08/21 22:39	02/08/21 22:39	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1618525	1	02/12/21 12:50	02/12/21 15:47	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619813	1	02/11/21 15:06	02/11/21 15:06	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 14:09	02/08/21 14:09	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620866	5	02/15/21 11:29	02/15/21 11:29	DWR	Mt. Juliet, TN

MW-301-020521 L1314614-13 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 14:40 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 2320 B-2011	WG1619132	1	02/10/21 11:20	02/10/21 11:20	SL	Mt. Juliet, TN
Wet Chemistry by Method 9056A	WG1617451	1	02/07/21 09:47	02/07/21 09:47	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617994	1	02/09/21 10:57	02/09/21 10:57	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1618525	1	02/12/21 12:50	02/12/21 15:50	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1618382	1	02/09/21 06:47	02/09/21 06:47	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619813	1	02/11/21 15:09	02/11/21 15:09	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 14:27	02/08/21 14:27	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620866	1	02/15/21 11:08	02/15/21 11:08	DWR	Mt. Juliet, TN

MW120-020521 L1314614-14 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 13:55 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1617451	5	02/07/21 11:53	02/07/21 11:53	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617994	1	02/08/21 23:36	02/08/21 23:36	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1618525	1	02/12/21 12:50	02/12/21 15:54	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619814	1	02/11/21 15:43	02/11/21 15:43	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 14:46	02/08/21 14:46	ADM	Mt. Juliet, TN

MW-9-020521 L1314614-15 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 15:10 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1617451	1	02/07/21 12:46	02/07/21 12:46	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1617994	1	02/08/21 23:48	02/08/21 23:48	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1618525	1	02/12/21 12:50	02/12/21 15:57	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1618382	1	02/09/21 07:13	02/09/21 07:13	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1619814	1	02/11/21 15:47	02/11/21 15:47	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 15:06	02/08/21 15:06	ADM	Mt. Juliet, TN

TB-020521 L1314614-16 GW

Collected by: HRC/BLH | Collected date/time: 02/04/21 16:00 | Received date/time: 02/06/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1618382	1	02/09/21 05:01	02/09/21 05:01	TPR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1618057	1	02/08/21 11:56	02/08/21 11:56	ADM	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Report Revision History

Level II Report - Version 1: 02/16/21 11:58

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	3.43		0.548	1.00	1	02/07/2021 21:50	WG1617708
Acrylonitrile	U		7.60	50.0	100	02/09/2021 23:23	WG1618791
Benzene	0.183		0.0160	0.0400	1	02/07/2021 21:50	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 21:50	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 21:50	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 21:50	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 21:50	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 21:50	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 21:50	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 21:50	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 21:50	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 21:50	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 21:50	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 21:50	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 21:50	WG1617708
Chloromethane	U		5.56	50.0	100	02/09/2021 23:23	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 21:50	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 21:50	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 21:50	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 21:50	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 21:50	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 21:50	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 21:50	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 21:50	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 21:50	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 21:50	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 21:50	WG1617708
1,1-Dichloroethene	1.19		0.0200	0.100	1	02/07/2021 21:50	WG1617708
cis-1,2-Dichloroethene	1570		2.76	10.0	100	02/09/2021 23:23	WG1618791
trans-1,2-Dichloroethene	23.5		0.0572	0.200	1	02/07/2021 21:50	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 21:50	WG1617708
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 21:50	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 21:50	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 21:50	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 21:50	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 21:50	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 21:50	WG1617708
Ethylbenzene	0.0800	J	0.0212	0.100	1	02/07/2021 21:50	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 21:50	WG1617708
Isopropylbenzene	0.0630	J	0.0345	0.100	1	02/07/2021 21:50	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 21:50	WG1617708
2-Butanone (MEK)	1.12		0.500	1.00	1	02/07/2021 21:50	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 21:50	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 21:50	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 21:50	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 21:50	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 21:50	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 21:50	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 21:50	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 21:50	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 21:50	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 21:50	WG1617708
Toluene	1.30		0.0500	0.200	1	02/07/2021 21:50	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 21:50	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 21:50	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 21:50	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 21:50	WG1617708
Trichloroethene	0.167		0.0160	0.0400	1	02/07/2021 21:50	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 21:50	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 21:50	WG1617708
1,2,4-Trimethylbenzene	0.0920	J	0.0464	0.200	1	02/07/2021 21:50	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 21:50	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 21:50	WG1617708
Vinyl chloride	1690		2.73	10.0	100	02/09/2021 23:23	WG1618791
Xylenes, Total	0.369		0.191	0.260	1	02/07/2021 21:50	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 21:50	WG1617708
Tetrahydrofuran	10.1		0.0900	0.500	1	02/07/2021 21:50	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 21:50	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 21:50	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 21:50	WG1617708
(S) Toluene-d8	*105*			*75.0-131*		*02/07/2021 21:50*	WG1617708
(S) Toluene-d8	*101*			*75.0-131*		*02/09/2021 23:23*	WG1618791
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/07/2021 21:50*	WG1617708
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*		*02/09/2021 23:23*	WG1618791
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*02/07/2021 21:50*	WG1617708
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/09/2021 23:23*	WG1618791

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.15		0.548	1.00	1	02/07/2021 20:35	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 22:05	WG1618791
Benzene	0.242		0.0160	0.0400	1	02/07/2021 20:35	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 20:35	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 20:35	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 20:35	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 20:35	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 20:35	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 20:35	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 20:35	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 20:35	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 20:35	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 20:35	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 20:35	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 20:35	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 22:05	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 20:35	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 20:35	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 20:35	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 20:35	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 20:35	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 20:35	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 20:35	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 20:35	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 20:35	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 20:35	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 20:35	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 20:35	WG1617708
cis-1,2-Dichloroethene	0.272		0.0276	0.100	1	02/07/2021 20:35	WG1617708
trans-1,2-Dichloroethene	3.85		0.0572	0.200	1	02/07/2021 20:35	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 20:35	WG1617708
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 20:35	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 20:35	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 20:35	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 20:35	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 20:35	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 20:35	WG1617708
Ethylbenzene	U		0.0212	0.100	1	02/07/2021 20:35	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 20:35	WG1617708
Isopropylbenzene	0.0380	J	0.0345	0.100	1	02/07/2021 20:35	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 20:35	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 20:35	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 20:35	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 20:35	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 20:35	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 20:35	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 20:35	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 20:35	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 20:35	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 20:35	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 20:35	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 20:35	WG1617708
Toluene	0.191	J	0.0500	0.200	1	02/07/2021 20:35	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 20:35	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 20:35	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 20:35	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 20:35	WG1617708
Trichloroethene	0.0520		0.0160	0.0400	1	02/07/2021 20:35	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 20:35	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 20:35	WG1617708
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/07/2021 20:35	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 20:35	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 20:35	WG1617708
Vinyl chloride	33.6		0.0273	0.100	1	02/07/2021 20:35	WG1617708
Xylenes, Total	U		0.191	0.260	1	02/07/2021 20:35	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 20:35	WG1617708
Tetrahydrofuran	13.5		0.0900	0.500	1	02/07/2021 20:35	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 20:35	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 20:35	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 20:35	WG1617708
(S) Toluene-d8	*104*			*75.0-131*		*02/07/2021 20:35*	WG1617708
(S) Toluene-d8	*100*			*75.0-131*		*02/09/2021 22:05*	WG1618791
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*02/07/2021 20:35*	WG1617708
(S) 4-Bromofluorobenzene	*96.9*			*67.0-138*		*02/09/2021 22:05*	WG1618791
(S) 1,2-Dichloroethane-d4	*91.9*			*70.0-130*		*02/07/2021 20:35*	WG1617708
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*02/09/2021 22:05*	WG1618791

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/07/2021 20:54	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 22:24	WG1618791
Benzene	0.0200	J	0.0160	0.0400	1	02/07/2021 20:54	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 20:54	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 20:54	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 20:54	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 20:54	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 20:54	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 20:54	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 20:54	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 20:54	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 20:54	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 20:54	WG1617708
Chloroethane	U		0.0432	0.200	1	02/07/2021 20:54	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 20:54	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 22:24	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 20:54	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 20:54	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 20:54	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 20:54	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 20:54	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 20:54	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 20:54	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 20:54	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 20:54	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 20:54	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 20:54	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 20:54	WG1617708
cis-1,2-Dichloroethene	0.490		0.0276	0.100	1	02/07/2021 20:54	WG1617708
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/07/2021 20:54	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 20:54	WG1617708
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 20:54	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 20:54	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 20:54	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 20:54	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 20:54	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 20:54	WG1617708
Ethylbenzene	0.0480	J	0.0212	0.100	1	02/07/2021 20:54	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 20:54	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 20:54	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 20:54	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 20:54	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 20:54	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 20:54	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 20:54	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 20:54	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 20:54	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 20:54	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 20:54	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 20:54	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 20:54	WG1617708
Tetrachloroethene	U		0.0280	0.100	1	02/07/2021 20:54	WG1617708
Toluene	0.296		0.0500	0.200	1	02/07/2021 20:54	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 20:54	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 20:54	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 20:54	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 20:54	WG1617708
Trichloroethene	U		0.0160	0.0400	1	02/07/2021 20:54	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 20:54	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 20:54	WG1617708
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/07/2021 20:54	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 20:54	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 20:54	WG1617708
Vinyl chloride	0.324		0.0273	0.100	1	02/07/2021 20:54	WG1617708
Xylenes, Total	0.276		0.191	0.260	1	02/07/2021 20:54	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 20:54	WG1617708
Tetrahydrofuran	0.616		0.0900	0.500	1	02/07/2021 20:54	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 20:54	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 20:54	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 20:54	WG1617708
(S) Toluene-d8	*105*			*75.0-131*		*02/07/2021 20:54*	WG1617708
(S) Toluene-d8	*101*			*75.0-131*		*02/09/2021 22:24*	WG1618791
(S) 4-Bromofluorobenzene	*99.3*			*67.0-138*		*02/07/2021 20:54*	WG1617708
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*		*02/09/2021 22:24*	WG1618791
(S) 1,2-Dichloroethane-d4	*86.7*			*70.0-130*		*02/07/2021 20:54*	WG1617708
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*02/09/2021 22:24*	WG1618791

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/07/2021 21:13	WG1617708
Acrylonitrile	U		0.0760	0.500	1	02/09/2021 23:05	WG1618791
Benzene	U		0.0160	0.0400	1	02/07/2021 21:13	WG1617708
Bromobenzene	U		0.0420	0.500	1	02/07/2021 21:13	WG1617708
Bromodichloromethane	U		0.0315	0.100	1	02/07/2021 21:13	WG1617708
Bromoform	U		0.239	1.00	1	02/07/2021 21:13	WG1617708
Bromomethane	U		0.148	0.500	1	02/07/2021 21:13	WG1617708
n-Butylbenzene	U		0.153	0.500	1	02/07/2021 21:13	WG1617708
sec-Butylbenzene	U		0.101	0.500	1	02/07/2021 21:13	WG1617708
tert-Butylbenzene	U		0.0620	0.200	1	02/07/2021 21:13	WG1617708
Carbon tetrachloride	U		0.0432	0.200	1	02/07/2021 21:13	WG1617708
Chlorobenzene	U		0.0229	0.100	1	02/07/2021 21:13	WG1617708
Chlorodibromomethane	U		0.0180	0.100	1	02/07/2021 21:13	WG1617708
Chloroethane	0.102	J	0.0432	0.200	1	02/07/2021 21:13	WG1617708
Chloroform	U		0.0166	0.100	1	02/07/2021 21:13	WG1617708
Chloromethane	U		0.0556	0.500	1	02/09/2021 23:05	WG1618791
2-Chlorotoluene	U		0.0368	0.100	1	02/07/2021 21:13	WG1617708
4-Chlorotoluene	U		0.0452	0.200	1	02/07/2021 21:13	WG1617708
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	02/07/2021 21:13	WG1617708
1,2-Dibromoethane	U		0.0210	0.100	1	02/07/2021 21:13	WG1617708
Dibromomethane	U		0.0400	0.200	1	02/07/2021 21:13	WG1617708
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/07/2021 21:13	WG1617708
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/07/2021 21:13	WG1617708
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/07/2021 21:13	WG1617708
Dichlorodifluoromethane	U	C3	0.0327	0.100	1	02/07/2021 21:13	WG1617708
1,1-Dichloroethane	U		0.0230	0.100	1	02/07/2021 21:13	WG1617708
1,2-Dichloroethane	U		0.0190	0.100	1	02/07/2021 21:13	WG1617708
1,1-Dichloroethene	U		0.0200	0.100	1	02/07/2021 21:13	WG1617708
cis-1,2-Dichloroethene	0.247		0.0276	0.100	1	02/07/2021 21:13	WG1617708
trans-1,2-Dichloroethene	1.17		0.0572	0.200	1	02/07/2021 21:13	WG1617708
1,2-Dichloropropane	U		0.0508	0.200	1	02/07/2021 21:13	WG1617708
1,1-Dichloropropene	U		0.0280	0.100	1	02/07/2021 21:13	WG1617708
1,3-Dichloropropane	U		0.0700	0.200	1	02/07/2021 21:13	WG1617708
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/07/2021 21:13	WG1617708
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/07/2021 21:13	WG1617708
2,2-Dichloropropane	U		0.0317	0.100	1	02/07/2021 21:13	WG1617708
Di-isopropyl ether	U		0.0140	0.0400	1	02/07/2021 21:13	WG1617708
Ethylbenzene	U		0.0212	0.100	1	02/07/2021 21:13	WG1617708
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	02/07/2021 21:13	WG1617708
Isopropylbenzene	U		0.0345	0.100	1	02/07/2021 21:13	WG1617708
p-Isopropyltoluene	U		0.0932	0.200	1	02/07/2021 21:13	WG1617708
2-Butanone (MEK)	U		0.500	1.00	1	02/07/2021 21:13	WG1617708
Methylene Chloride	U		0.265	1.00	1	02/07/2021 21:13	WG1617708
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/07/2021 21:13	WG1617708
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/07/2021 21:13	WG1617708
Naphthalene	U	C3	0.124	0.500	1	02/07/2021 21:13	WG1617708
n-Propylbenzene	U		0.0472	0.200	1	02/07/2021 21:13	WG1617708
Styrene	U		0.109	0.500	1	02/07/2021 21:13	WG1617708
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/07/2021 21:13	WG1617708
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/07/2021 21:13	WG1617708
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/07/2021 21:13	WG1617708
Tetrachloroethene	0.0400	J	0.0280	0.100	1	02/07/2021 21:13	WG1617708
Toluene	0.121	J	0.0500	0.200	1	02/07/2021 21:13	WG1617708
1,2,3-Trichlorobenzene	U	C3	0.0250	0.500	1	02/07/2021 21:13	WG1617708
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/07/2021 21:13	WG1617708
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/07/2021 21:13	WG1617708

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/07/2021 21:13	WG1617708
Trichloroethene	0.0980		0.0160	0.0400	1	02/07/2021 21:13	WG1617708
Trichlorofluoromethane	U		0.0200	0.100	1	02/07/2021 21:13	WG1617708
1,2,3-Trichloropropane	U		0.204	0.500	1	02/07/2021 21:13	WG1617708
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/07/2021 21:13	WG1617708
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/07/2021 21:13	WG1617708
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/07/2021 21:13	WG1617708
Vinyl chloride	2.38		0.0273	0.100	1	02/07/2021 21:13	WG1617708
Xylenes, Total	U		0.191	0.260	1	02/07/2021 21:13	WG1617708
Ethyl Ether	U		0.0170	0.100	1	02/07/2021 21:13	WG1617708
Tetrahydrofuran	U		0.0900	0.500	1	02/07/2021 21:13	WG1617708
Iodomethane	U		0.242	0.500	1	02/07/2021 21:13	WG1617708
Allyl chloride	U		0.580	1.00	1	02/07/2021 21:13	WG1617708
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/07/2021 21:13	WG1617708
(S) Toluene-d8	*104*			*75.0-131*		*02/07/2021 21:13*	WG1617708
(S) Toluene-d8	*102*			*75.0-131*		*02/09/2021 23:05*	WG1618791
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*02/07/2021 21:13*	WG1617708
(S) 4-Bromofluorobenzene	*94.6*			*67.0-138*		*02/09/2021 23:05*	WG1618791
(S) 1,2-Dichloroethane-d4	*92.2*			*70.0-130*		*02/07/2021 21:13*	WG1617708
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/09/2021 23:05*	WG1618791

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/08/2021 12:15	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 12:15	WG1618057
Benzene	0.0400	J	0.0160	0.0400	1	02/08/2021 12:15	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 12:15	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 12:15	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 12:15	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 12:15	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 12:15	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 12:15	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 12:15	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 12:15	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 12:15	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 12:15	WG1618057
Chloroethane	U		0.0432	0.200	1	02/08/2021 12:15	WG1618057
Chloroform	U		0.0166	0.100	1	02/08/2021 12:15	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 12:15	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 12:15	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 12:15	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 12:15	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 12:15	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 12:15	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 12:15	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 12:15	WG1618057
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 12:15	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 12:15	WG1618057
1,1-Dichloroethane	U		0.0230	0.100	1	02/08/2021 12:15	WG1618057
1,2-Dichloroethane	U		0.0190	0.100	1	02/08/2021 12:15	WG1618057
1,1-Dichloroethene	U		0.0200	0.100	1	02/08/2021 12:15	WG1618057
cis-1,2-Dichloroethene	0.698		0.0276	0.100	1	02/08/2021 12:15	WG1618057
trans-1,2-Dichloroethene	5.29	C5 J4	0.0572	0.200	1	02/08/2021 12:15	WG1618057
1,2-Dichloropropane	U		0.0508	0.200	1	02/08/2021 12:15	WG1618057
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 12:15	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 12:15	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 12:15	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 12:15	WG1618057
2,2-Dichloropropane	U		0.0317	0.100	1	02/08/2021 12:15	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 12:15	WG1618057
Ethylbenzene	0.0450	J	0.0212	0.100	1	02/08/2021 12:15	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 12:15	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 12:15	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 12:15	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 12:15	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 12:15	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 12:15	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 12:15	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 12:15	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 12:15	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 12:15	WG1618057
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 12:15	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 12:15	WG1618057
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/08/2021 12:15	WG1618057
Tetrachloroethene	U		0.0280	0.100	1	02/08/2021 12:15	WG1618057
Toluene	0.221		0.0500	0.200	1	02/08/2021 12:15	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 12:15	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 12:15	WG1618057
1,1,1-Trichloroethane	U	J4	0.0110	0.100	1	02/08/2021 12:15	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 12:15	WG1618057
Trichloroethene	0.0480		0.0160	0.0400	1	02/08/2021 12:15	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 12:15	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 12:15	WG1618057
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/08/2021 12:15	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 12:15	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 12:15	WG1618057
Vinyl chloride	2.55	C5	0.0273	0.100	1	02/08/2021 12:15	WG1618057
Xylenes, Total	0.248	J	0.191	0.260	1	02/08/2021 12:15	WG1618057
Ethyl Ether	U		0.0170	0.100	1	02/08/2021 12:15	WG1618057
Tetrahydrofuran	0.208	C3 J	0.0900	0.500	1	02/08/2021 12:15	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 12:15	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 12:15	WG1618057
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 12:15	WG1618057
(S) Toluene-d8	*94.2*			*75.0-131*		*02/08/2021 12:15*	WG1618057
(S) 4-Bromofluorobenzene	*101*			*67.0-138*		*02/08/2021 12:15*	WG1618057
(S) 1,2-Dichloroethane-d4	*99.5*			*70.0-130*		*02/08/2021 12:15*	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.09		0.548	1.00	1	02/08/2021 12:34	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 12:34	WG1618057
Benzene	0.0340	J	0.0160	0.0400	1	02/08/2021 12:34	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 12:34	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 12:34	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 12:34	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 12:34	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 12:34	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 12:34	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 12:34	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 12:34	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 12:34	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 12:34	WG1618057
Chloroethane	U		0.0432	0.200	1	02/08/2021 12:34	WG1618057
Chloroform	U		0.0166	0.100	1	02/08/2021 12:34	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 12:34	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 12:34	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 12:34	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 12:34	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 12:34	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 12:34	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 12:34	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 12:34	WG1618057
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 12:34	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 12:34	WG1618057
1,1-Dichloroethane	U		0.0230	0.100	1	02/08/2021 12:34	WG1618057
1,2-Dichloroethane	U		0.0190	0.100	1	02/08/2021 12:34	WG1618057
1,1-Dichloroethene	U		0.0200	0.100	1	02/08/2021 12:34	WG1618057
cis-1,2-Dichloroethene	0.470		0.0276	0.100	1	02/08/2021 12:34	WG1618057
trans-1,2-Dichloroethene	U	J4	0.0572	0.200	1	02/08/2021 12:34	WG1618057
1,2-Dichloropropane	U		0.0508	0.200	1	02/08/2021 12:34	WG1618057
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 12:34	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 12:34	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 12:34	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 12:34	WG1618057
2,2-Dichloropropane	0.0560	J	0.0317	0.100	1	02/08/2021 12:34	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 12:34	WG1618057
Ethylbenzene	0.0590	J	0.0212	0.100	1	02/08/2021 12:34	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 12:34	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 12:34	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 12:34	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 12:34	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 12:34	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 12:34	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 12:34	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 12:34	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 12:34	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 12:34	WG1618057
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 12:34	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 12:34	WG1618057
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/08/2021 12:34	WG1618057
Tetrachloroethene	0.0600	J	0.0280	0.100	1	02/08/2021 12:34	WG1618057
Toluene	0.349		0.0500	0.200	1	02/08/2021 12:34	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 12:34	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 12:34	WG1618057
1,1,1-Trichloroethane	U	J4	0.0110	0.100	1	02/08/2021 12:34	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 12:34	WG1618057
Trichloroethene	0.0480		0.0160	0.0400	1	02/08/2021 12:34	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 12:34	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 12:34	WG1618057
1,2,4-Trimethylbenzene	0.0650	J	0.0464	0.200	1	02/08/2021 12:34	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 12:34	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 12:34	WG1618057
Vinyl chloride	2.22	C5	0.0273	0.100	1	02/08/2021 12:34	WG1618057
Xylenes, Total	0.345		0.191	0.260	1	02/08/2021 12:34	WG1618057
Ethyl Ether	U		0.0170	0.100	1	02/08/2021 12:34	WG1618057
Tetrahydrofuran	0.335	C3 J	0.0900	0.500	1	02/08/2021 12:34	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 12:34	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 12:34	WG1618057
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 12:34	WG1618057
(S) Toluene-d8	*94.2*			*75.0-131*		*02/08/2021 12:34*	WG1618057
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/08/2021 12:34*	WG1618057
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*02/08/2021 12:34*	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/08/2021 12:53	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 12:53	WG1618057
Benzene	0.0280	J	0.0160	0.0400	1	02/08/2021 12:53	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 12:53	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 12:53	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 12:53	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 12:53	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 12:53	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 12:53	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 12:53	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 12:53	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 12:53	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 12:53	WG1618057
Chloroethane	U		0.0432	0.200	1	02/08/2021 12:53	WG1618057
Chloroform	U		0.0166	0.100	1	02/08/2021 12:53	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 12:53	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 12:53	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 12:53	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 12:53	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 12:53	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 12:53	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 12:53	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 12:53	WG1618057
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 12:53	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 12:53	WG1618057
1,1-Dichloroethane	U		0.0230	0.100	1	02/08/2021 12:53	WG1618057
1,2-Dichloroethane	U		0.0190	0.100	1	02/08/2021 12:53	WG1618057
1,1-Dichloroethene	U		0.0200	0.100	1	02/08/2021 12:53	WG1618057
cis-1,2-Dichloroethene	1.28		0.0276	0.100	1	02/08/2021 12:53	WG1618057
trans-1,2-Dichloroethene	3.64	C5 J4	0.0572	0.200	1	02/08/2021 12:53	WG1618057
1,2-Dichloropropane	U		0.0508	0.200	1	02/08/2021 12:53	WG1618057
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 12:53	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 12:53	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 12:53	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 12:53	WG1618057
2,2-Dichloropropane	U		0.0317	0.100	1	02/08/2021 12:53	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 12:53	WG1618057
Ethylbenzene	U		0.0212	0.100	1	02/08/2021 12:53	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 12:53	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 12:53	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 12:53	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 12:53	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 12:53	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 12:53	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 12:53	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 12:53	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 12:53	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 12:53	WG1618057
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 12:53	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 12:53	WG1618057
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/08/2021 12:53	WG1618057
Tetrachloroethene	U		0.0280	0.100	1	02/08/2021 12:53	WG1618057
Toluene	0.146	J	0.0500	0.200	1	02/08/2021 12:53	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 12:53	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 12:53	WG1618057
1,1,1-Trichloroethane	U	J4	0.0110	0.100	1	02/08/2021 12:53	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 12:53	WG1618057
Trichloroethene	0.0360	J	0.0160	0.0400	1	02/08/2021 12:53	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 12:53	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 12:53	WG1618057
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/08/2021 12:53	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 12:53	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 12:53	WG1618057
Vinyl chloride	1.51	C5	0.0273	0.100	1	02/08/2021 12:53	WG1618057
Xylenes, Total	U		0.191	0.260	1	02/08/2021 12:53	WG1618057
Ethyl Ether	U		0.0170	0.100	1	02/08/2021 12:53	WG1618057
Tetrahydrofuran	0.191	C3 J	0.0900	0.500	1	02/08/2021 12:53	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 12:53	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 12:53	WG1618057
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 12:53	WG1618057
(S) Toluene-d8	*93.0*			*75.0-131*		*02/08/2021 12:53*	WG1618057
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/08/2021 12:53*	WG1618057
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*02/08/2021 12:53*	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		274	500	500	02/08/2021 15:25	WG1618057
Acrylonitrile	U		38.0	250	500	02/08/2021 15:25	WG1618057
Benzene	U		8.00	20.0	500	02/08/2021 15:25	WG1618057
Bromobenzene	U		21.0	250	500	02/08/2021 15:25	WG1618057
Bromodichloromethane	U		15.8	50.0	500	02/08/2021 15:25	WG1618057
Bromoform	U		120	500	500	02/08/2021 15:25	WG1618057
Bromomethane	U		74.0	250	500	02/08/2021 15:25	WG1618057
n-Butylbenzene	U		76.5	250	500	02/08/2021 15:25	WG1618057
sec-Butylbenzene	U		50.5	250	500	02/08/2021 15:25	WG1618057
tert-Butylbenzene	U		31.0	100	500	02/08/2021 15:25	WG1618057
Carbon tetrachloride	U		21.6	100	500	02/08/2021 15:25	WG1618057
Chlorobenzene	U		11.5	50.0	500	02/08/2021 15:25	WG1618057
Chlorodibromomethane	U		9.00	50.0	500	02/08/2021 15:25	WG1618057
Chloroethane	U		21.6	100	500	02/08/2021 15:25	WG1618057
Chloroform	U		8.30	50.0	500	02/08/2021 15:25	WG1618057
Chloromethane	U		27.8	250	500	02/08/2021 15:25	WG1618057
2-Chlorotoluene	U		18.4	50.0	500	02/08/2021 15:25	WG1618057
4-Chlorotoluene	U		22.6	100	500	02/08/2021 15:25	WG1618057
1,2-Dibromo-3-Chloropropane	U		102	500	500	02/08/2021 15:25	WG1618057
1,2-Dibromoethane	U		10.5	50.0	500	02/08/2021 15:25	WG1618057
Dibromomethane	U		20.0	100	500	02/08/2021 15:25	WG1618057
1,2-Dichlorobenzene	U		29.0	100	500	02/08/2021 15:25	WG1618057
1,3-Dichlorobenzene	U		34.0	100	500	02/08/2021 15:25	WG1618057
1,4-Dichlorobenzene	U		39.4	100	500	02/08/2021 15:25	WG1618057
Dichlorodifluoromethane	U		16.4	50.0	500	02/08/2021 15:25	WG1618057
1,1-Dichloroethane	U		11.5	50.0	500	02/08/2021 15:25	WG1618057
1,2-Dichloroethane	U		9.50	50.0	500	02/08/2021 15:25	WG1618057
1,1-Dichloroethene	19.0	J	10.0	50.0	500	02/08/2021 15:25	WG1618057
cis-1,2-Dichloroethene	9810		13.8	50.0	500	02/08/2021 15:25	WG1618057
trans-1,2-Dichloroethene	63.0	J J4	28.6	100	500	02/08/2021 15:25	WG1618057
1,2-Dichloropropane	U		25.4	100	500	02/08/2021 15:25	WG1618057
1,1-Dichloropropene	U		14.0	50.0	500	02/08/2021 15:25	WG1618057
1,3-Dichloropropane	U		35.0	100	500	02/08/2021 15:25	WG1618057
cis-1,3-Dichloropropene	U		13.6	50.0	500	02/08/2021 15:25	WG1618057
trans-1,3-Dichloropropene	U		30.6	100	500	02/08/2021 15:25	WG1618057
2,2-Dichloropropane	U		15.9	50.0	500	02/08/2021 15:25	WG1618057
Di-isopropyl ether	U		7.00	20.0	500	02/08/2021 15:25	WG1618057
Ethylbenzene	U		10.6	50.0	500	02/08/2021 15:25	WG1618057
Hexachloro-1,3-butadiene	U		254	500	500	02/08/2021 15:25	WG1618057
Isopropylbenzene	U		17.2	50.0	500	02/08/2021 15:25	WG1618057
p-Isopropyltoluene	U		46.6	100	500	02/08/2021 15:25	WG1618057
2-Butanone (MEK)	U		250	500	500	02/08/2021 15:25	WG1618057
Methylene Chloride	U		133	500	500	02/08/2021 15:25	WG1618057
4-Methyl-2-pentanone (MIBK)	U		200	500	500	02/08/2021 15:25	WG1618057
Methyl tert-butyl ether	U		5.90	20.0	500	02/08/2021 15:25	WG1618057
Naphthalene	U		62.0	250	500	02/08/2021 15:25	WG1618057
n-Propylbenzene	U		23.6	100	500	02/08/2021 15:25	WG1618057
Styrene	U		54.5	250	500	02/08/2021 15:25	WG1618057
1,1,1,2-Tetrachloroethane	U		10.0	50.0	500	02/08/2021 15:25	WG1618057
1,1,2,2-Tetrachloroethane	U		7.80	50.0	500	02/08/2021 15:25	WG1618057
1,1,2-Trichlorotrifluoroethane	U		13.5	50.0	500	02/08/2021 15:25	WG1618057
Tetrachloroethene	U		14.0	50.0	500	02/08/2021 15:25	WG1618057
Toluene	U		25.0	100	500	02/08/2021 15:25	WG1618057
1,2,3-Trichlorobenzene	U	C4	12.5	250	500	02/08/2021 15:25	WG1618057
1,2,4-Trichlorobenzene	U	C4	96.5	250	500	02/08/2021 15:25	WG1618057
1,1,1-Trichloroethane	U	J4	5.50	50.0	500	02/08/2021 15:25	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U		17.7	50.0	500	02/08/2021 15:25	WG1618057
Trichloroethene	U		8.00	20.0	500	02/08/2021 15:25	WG1618057
Trichlorofluoromethane	U		10.0	50.0	500	02/08/2021 15:25	WG1618057
1,2,3-Trichloropropane	U		102	250	500	02/08/2021 15:25	WG1618057
1,2,4-Trimethylbenzene	U		23.2	100	500	02/08/2021 15:25	WG1618057
1,2,3-Trimethylbenzene	U	J4	23.0	100	500	02/08/2021 15:25	WG1618057
1,3,5-Trimethylbenzene	U		21.6	100	500	02/08/2021 15:25	WG1618057
Vinyl chloride	3760	C5	13.6	50.0	500	02/08/2021 15:25	WG1618057
Xylenes, Total	U		95.5	130	500	02/08/2021 15:25	WG1618057
Ethyl Ether	U		8.50	50.0	500	02/08/2021 15:25	WG1618057
Tetrahydrofuran	U	C3	45.0	250	500	02/08/2021 15:25	WG1618057
Iodomethane	U		121	250	500	02/08/2021 15:25	WG1618057
Allyl chloride	U	J4	290	500	500	02/08/2021 15:25	WG1618057
Trans-1,4-Dichloro-2-butene	U		28.0	100	500	02/08/2021 15:25	WG1618057
(S) Toluene-d8	*90.8*			*75.0-131*		*02/08/2021 15:25*	WG1618057
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/08/2021 15:25*	WG1618057
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/08/2021 15:25*	WG1618057

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	327000		2970	25000	5	02/07/2021 10:05	WG1617451

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	11600		102	1000	1	02/08/2021 20:55	WG1617994

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2700		28.1	100	1	02/12/2021 15:37	WG1618525
Manganese	177		0.704	5.00	1	02/12/2021 15:37	WG1618525

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	41.1	B J	31.6	100	1	02/09/2021 06:20	WG1618382
(S) a,a,a-Trifluorotoluene(FID)	*107*			*78.0-120*		*02/09/2021 06:20*	WG1618382

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	121		2.91	10.0	1	02/11/2021 14:48	WG1619813
Ethane	18.5		4.07	13.0	1	02/11/2021 14:48	WG1619813
Ethene	41.6		4.26	13.0	1	02/11/2021 14:48	WG1619813

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	3.27		0.548	1.00	1	02/08/2021 13:12	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 13:12	WG1618057
Benzene	0.0850		0.0160	0.0400	1	02/08/2021 13:12	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 13:12	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 13:12	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 13:12	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 13:12	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 13:12	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 13:12	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 13:12	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 13:12	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 13:12	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 13:12	WG1618057
Chloroethane	U		0.0432	0.200	1	02/08/2021 13:12	WG1618057
Chloroform	U		0.0166	0.100	1	02/08/2021 13:12	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 13:12	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 13:12	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 13:12	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 13:12	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 13:12	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 13:12	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 13:12	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 13:12	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 13:12	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 13:12	WG1618057
1,1-Dichloroethane	0.0430	J	0.0230	0.100	1	02/08/2021 13:12	WG1618057
1,2-Dichloroethane	U		0.0190	0.100	1	02/08/2021 13:12	WG1618057
1,1-Dichloroethene	0.0270	J	0.0200	0.100	1	02/08/2021 13:12	WG1618057
cis-1,2-Dichloroethene	3.85		0.0276	0.100	1	02/08/2021 13:12	WG1618057
trans-1,2-Dichloroethene	U	J4	0.0572	0.200	1	02/08/2021 13:12	WG1618057
1,2-Dichloropropane	U		0.0508	0.200	1	02/08/2021 13:12	WG1618057
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 13:12	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 13:12	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 13:12	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 13:12	WG1618057
2,2-Dichloropropane	U		0.0317	0.100	1	02/08/2021 13:12	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 13:12	WG1618057
Ethylbenzene	0.0410	J	0.0212	0.100	1	02/08/2021 13:12	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 13:12	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 13:12	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 13:12	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 13:12	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 13:12	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 13:12	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 13:12	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 13:12	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 13:12	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 13:12	WG1618057
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 13:12	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 13:12	WG1618057
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/08/2021 13:12	WG1618057
Tetrachloroethene	0.0460	J	0.0280	0.100	1	02/08/2021 13:12	WG1618057
Toluene	0.240		0.0500	0.200	1	02/08/2021 13:12	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 13:12	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 13:12	WG1618057
1,1,1-Trichloroethane	U	J4	0.0110	0.100	1	02/08/2021 13:12	WG1618057
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 13:12	WG1618057
Trichloroethene	0.0530		0.0160	0.0400	1	02/08/2021 13:12	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 13:12	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 13:12	WG1618057
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/08/2021 13:12	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 13:12	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 13:12	WG1618057
Vinyl chloride	5.64	C5	0.0273	0.100	1	02/08/2021 13:12	WG1618057
Xylenes, Total	0.247	J	0.191	0.260	1	02/08/2021 13:12	WG1618057
Ethyl Ether	0.189		0.0170	0.100	1	02/08/2021 13:12	WG1618057
Tetrahydrofuran	0.258	C3 J	0.0900	0.500	1	02/08/2021 13:12	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 13:12	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 13:12	WG1618057
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 13:12	WG1618057
(S) Toluene-d8	*95.7*			*75.0-131*		*02/08/2021 13:12*	WG1618057
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/08/2021 13:12*	WG1618057
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*02/08/2021 13:12*	WG1618057

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	3120	J	594	5000	1	02/07/2021 10:23	WG1617451

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1680	B	102	1000	1	02/08/2021 21:20	WG1617994

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	2370		28.1	100	1	02/12/2021 15:41	WG1618525
Manganese	404		0.704	5.00	1	02/12/2021 15:41	WG1618525

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	305		2.91	10.0	1	02/11/2021 14:57	WG1619813
Ethane	U		4.07	13.0	1	02/11/2021 14:57	WG1619813
Ethene	U		4.26	13.0	1	02/11/2021 14:57	WG1619813

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.52		0.548	1.00	1	02/08/2021 13:31	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 13:31	WG1618057
Benzene	0.0310	J	0.0160	0.0400	1	02/08/2021 13:31	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 13:31	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 13:31	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 13:31	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 13:31	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 13:31	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 13:31	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 13:31	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 13:31	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 13:31	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 13:31	WG1618057
Chloroethane	1.16	C5	0.0432	0.200	1	02/08/2021 13:31	WG1618057
Chloroform	U		0.0166	0.100	1	02/08/2021 13:31	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 13:31	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 13:31	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 13:31	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 13:31	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 13:31	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 13:31	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 13:31	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 13:31	WG1618057
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 13:31	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 13:31	WG1618057
1,1-Dichloroethane	U		0.0230	0.100	1	02/08/2021 13:31	WG1618057
1,2-Dichloroethane	U		0.0190	0.100	1	02/08/2021 13:31	WG1618057
1,1-Dichloroethene	0.302	C5	0.0200	0.100	1	02/08/2021 13:31	WG1618057
cis-1,2-Dichloroethene	26.4		0.0276	0.100	1	02/08/2021 13:31	WG1618057
trans-1,2-Dichloroethene	0.192	J J4	0.0572	0.200	1	02/08/2021 13:31	WG1618057
1,2-Dichloropropane	U		0.0508	0.200	1	02/08/2021 13:31	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 13:31	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 13:31	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 13:31	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 13:31	WG1618057
2,2-Dichloropropane	U		0.0317	0.100	1	02/08/2021 13:31	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 13:31	WG1618057
Ethylbenzene	0.177		0.0212	0.100	1	02/08/2021 13:31	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 13:31	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 13:31	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 13:31	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 13:31	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 13:31	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 13:31	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 13:31	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 13:31	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 13:31	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 13:31	WG1618057
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 13:31	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 13:31	WG1618057
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/08/2021 13:31	WG1618057
Tetrachloroethene	0.0550	J	0.0280	0.100	1	02/08/2021 13:31	WG1618057
Toluene	0.526		0.0500	0.200	1	02/08/2021 13:31	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 13:31	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 13:31	WG1618057
1,1,1-Trichloroethane	U	J4	0.0110	0.100	1	02/08/2021 13:31	WG1618057
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 13:31	WG1618057
Trichloroethene	1.65		0.0160	0.0400	1	02/08/2021 13:31	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 13:31	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 13:31	WG1618057
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/08/2021 13:31	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 13:31	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 13:31	WG1618057
Vinyl chloride	17.1	C5	0.0273	0.100	1	02/08/2021 13:31	WG1618057
Xylenes, Total	1.17		0.191	0.260	1	02/08/2021 13:31	WG1618057
Ethyl Ether	U		0.0170	0.100	1	02/08/2021 13:31	WG1618057
Tetrahydrofuran	0.229	C3 J	0.0900	0.500	1	02/08/2021 13:31	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 13:31	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 13:31	WG1618057
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 13:31	WG1618057
(S) Toluene-d8	*93.3*			*75.0-131*		*02/08/2021 13:31*	WG1618057
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/08/2021 13:31*	WG1618057
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/08/2021 13:31*	WG1618057

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	26700		594	5000	1	02/07/2021 10:41	WG1617451

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1950	B	102	1000	1	02/08/2021 22:26	WG1617994

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1230		28.1	100	1	02/12/2021 15:44	WG1618525
Manganese	310		0.704	5.00	1	02/12/2021 15:44	WG1618525

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1380		2.91	10.0	1	02/11/2021 15:00	WG1619813
Ethane	U		4.07	13.0	1	02/11/2021 15:00	WG1619813
Ethene	U		4.26	13.0	1	02/11/2021 15:00	WG1619813

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/08/2021 13:50	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 13:50	WG1618057
Benzene	0.159		0.0160	0.0400	1	02/08/2021 13:50	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 13:50	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 13:50	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 13:50	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 13:50	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 13:50	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 13:50	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 13:50	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 13:50	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 13:50	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 13:50	WG1618057
Chloroethane	U		0.0432	0.200	1	02/08/2021 13:50	WG1618057
Chloroform	U		0.0166	0.100	1	02/08/2021 13:50	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 13:50	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 13:50	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 13:50	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 13:50	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 13:50	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 13:50	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 13:50	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 13:50	WG1618057
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 13:50	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 13:50	WG1618057
1,1-Dichloroethane	U		0.0230	0.100	1	02/08/2021 13:50	WG1618057
1,2-Dichloroethane	U		0.0190	0.100	1	02/08/2021 13:50	WG1618057
1,1-Dichloroethene	U		0.0200	0.100	1	02/08/2021 13:50	WG1618057
cis-1,2-Dichloroethene	0.0680	J	0.0276	0.100	1	02/08/2021 13:50	WG1618057
trans-1,2-Dichloroethene	U	J4	0.0572	0.200	1	02/08/2021 13:50	WG1618057
1,2-Dichloropropane	U		0.0508	0.200	1	02/08/2021 13:50	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 13:50	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 13:50	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 13:50	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 13:50	WG1618057
2,2-Dichloropropane	U		0.0317	0.100	1	02/08/2021 13:50	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 13:50	WG1618057
Ethylbenzene	0.300		0.0212	0.100	1	02/08/2021 13:50	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 13:50	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 13:50	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 13:50	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 13:50	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 13:50	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 13:50	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 13:50	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 13:50	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 13:50	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 13:50	WG1618057
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 13:50	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 13:50	WG1618057
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/08/2021 13:50	WG1618057
Tetrachloroethene	U		0.0280	0.100	1	02/08/2021 13:50	WG1618057
Toluene	2.79		0.0500	0.200	1	02/08/2021 13:50	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 13:50	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 13:50	WG1618057
1,1,1-Trichloroethane	U	J4	0.0110	0.100	1	02/08/2021 13:50	WG1618057
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 13:50	WG1618057
Trichloroethene	U		0.0160	0.0400	1	02/08/2021 13:50	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 13:50	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 13:50	WG1618057
1,2,4-Trimethylbenzene	0.128	J	0.0464	0.200	1	02/08/2021 13:50	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 13:50	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 13:50	WG1618057
Vinyl chloride	U		0.0273	0.100	1	02/08/2021 13:50	WG1618057
Xylenes, Total	1.65		0.191	0.260	1	02/08/2021 13:50	WG1618057
Ethyl Ether	U		0.0170	0.100	1	02/08/2021 13:50	WG1618057
Tetrahydrofuran	U	C3	0.0900	0.500	1	02/08/2021 13:50	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 13:50	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 13:50	WG1618057
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 13:50	WG1618057
(S) Toluene-d8	*93.7*			*75.0-131*		*02/08/2021 13:50*	WG1618057
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/08/2021 13:50*	WG1618057
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*02/08/2021 13:50*	WG1618057

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	6910		594	5000	1	02/07/2021 10:59	WG1617451

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2350	B	102	1000	1	02/08/2021 22:39	WG1617994

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	508		28.1	100	1	02/12/2021 15:47	WG1618525
Manganese	704		0.704	5.00	1	02/12/2021 15:47	WG1618525

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	149		2.91	10.0	1	02/11/2021 15:06	WG1619813
Ethane	U		4.07	13.0	1	02/11/2021 15:06	WG1619813
Ethene	U		4.26	13.0	1	02/11/2021 15:06	WG1619813

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/08/2021 14:09	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 14:09	WG1618057
Benzene	U		0.0160	0.0400	1	02/08/2021 14:09	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 14:09	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 14:09	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 14:09	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 14:09	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 14:09	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 14:09	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 14:09	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 14:09	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 14:09	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 14:09	WG1618057
Chloroethane	1.37	C5	0.0432	0.200	1	02/08/2021 14:09	WG1618057
Chloroform	U		0.0166	0.100	1	02/08/2021 14:09	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 14:09	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 14:09	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 14:09	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 14:09	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 14:09	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 14:09	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 14:09	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 14:09	WG1618057
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 14:09	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 14:09	WG1618057
1,1-Dichloroethane	U		0.0230	0.100	1	02/08/2021 14:09	WG1618057
1,2-Dichloroethane	U		0.0190	0.100	1	02/08/2021 14:09	WG1618057
1,1-Dichloroethene	5.03	C5	0.0200	0.100	1	02/08/2021 14:09	WG1618057
cis-1,2-Dichloroethene	85.8		0.138	0.500	5	02/15/2021 11:29	WG1620866
trans-1,2-Dichloroethene	2.32	C5 J4	0.0572	0.200	1	02/08/2021 14:09	WG1618057
1,2-Dichloropropane	U		0.0508	0.200	1	02/08/2021 14:09	WG1618057

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 14:09	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 14:09	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 14:09	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 14:09	WG1618057
2,2-Dichloropropane	U		0.0317	0.100	1	02/08/2021 14:09	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 14:09	WG1618057
Ethylbenzene	U		0.0212	0.100	1	02/08/2021 14:09	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 14:09	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 14:09	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 14:09	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 14:09	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 14:09	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 14:09	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 14:09	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 14:09	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 14:09	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 14:09	WG1618057
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 14:09	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 14:09	WG1618057
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/08/2021 14:09	WG1618057
Tetrachloroethene	24.4		0.0280	0.100	1	02/08/2021 14:09	WG1618057
Toluene	0.0590	J	0.0500	0.200	1	02/08/2021 14:09	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 14:09	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 14:09	WG1618057
1,1,1-Trichloroethane	U	J4	0.0110	0.100	1	02/08/2021 14:09	WG1618057
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 14:09	WG1618057
Trichloroethene	55.8		0.0160	0.0400	1	02/08/2021 14:09	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 14:09	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 14:09	WG1618057
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/08/2021 14:09	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 14:09	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 14:09	WG1618057
Vinyl chloride	9.28	C5	0.0273	0.100	1	02/08/2021 14:09	WG1618057
Xylenes, Total	U		0.191	0.260	1	02/08/2021 14:09	WG1618057
Ethyl Ether	U		0.0170	0.100	1	02/08/2021 14:09	WG1618057
Tetrahydrofuran	U	C3	0.0900	0.500	1	02/08/2021 14:09	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 14:09	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 14:09	WG1618057
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 14:09	WG1618057
(S) Toluene-d8	*92.1*			*75.0-131*		*02/08/2021 14:09*	WG1618057
(S) Toluene-d8	*105*			*75.0-131*		*02/15/2021 11:29*	WG1620866
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/08/2021 14:09*	WG1618057
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*02/15/2021 11:29*	WG1620866
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*02/08/2021 14:09*	WG1618057
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*02/15/2021 11:29*	WG1620866

Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Alkalinity	149000		8450	20000	1	02/10/2021 11:20	WG1619132

Sample Narrative:

L1314614-13 WG1619132: Endpoint pH 4.5 Headspace

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloride	23000		379	1000	1	02/07/2021 09:47	WG1617451
Nitrate	2730	T8	48.0	100	1	02/07/2021 09:47	WG1617451
Sulfate	25200		594	5000	1	02/07/2021 09:47	WG1617451

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2540	B	102	1000	1	02/09/2021 10:57	WG1617994

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	796		28.1	100	1	02/12/2021 15:50	WG1618525
Manganese	35.9		0.704	5.00	1	02/12/2021 15:50	WG1618525

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	43.3	B J	31.6	100	1	02/09/2021 06:47	WG1618382
(S) a,a,a-Trifluorotoluene(FID)	*108*			*78.0-120*		*02/09/2021 06:47*	WG1618382

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		0.287	0.678	1	02/11/2021 15:09	WG1619813
Ethane	U		0.296	1.29	1	02/11/2021 15:09	WG1619813
Ethene	U		0.422	1.27	1	02/11/2021 15:09	WG1619813

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.46		0.548	1.00	1	02/08/2021 14:27	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 14:27	WG1618057
Benzene	0.0790		0.0160	0.0400	1	02/08/2021 14:27	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 14:27	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 14:27	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 14:27	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 14:27	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 14:27	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 14:27	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 14:27	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 14:27	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 14:27	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 14:27	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Chloroethane	U		0.0432	0.200	1	02/08/2021 14:27	WG1618057
Chloroform	0.0770	J	0.0166	0.100	1	02/08/2021 14:27	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 14:27	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 14:27	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 14:27	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 14:27	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 14:27	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 14:27	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 14:27	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 14:27	WG1618057
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 14:27	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 14:27	WG1618057
1,1-Dichloroethane	U		0.0230	0.100	1	02/08/2021 14:27	WG1618057
1,2-Dichloroethane	U		0.0190	0.100	1	02/08/2021 14:27	WG1618057
1,1-Dichloroethene	U		0.0200	0.100	1	02/08/2021 14:27	WG1618057
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/15/2021 11:08	WG1620866
trans-1,2-Dichloroethene	U	J4	0.0572	0.200	1	02/08/2021 14:27	WG1618057
1,2-Dichloropropane	U		0.0508	0.200	1	02/08/2021 14:27	WG1618057
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 14:27	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 14:27	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 14:27	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 14:27	WG1618057
2,2-Dichloropropane	U		0.0317	0.100	1	02/08/2021 14:27	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 14:27	WG1618057
Ethylbenzene	0.209		0.0212	0.100	1	02/08/2021 14:27	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 14:27	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 14:27	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 14:27	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 14:27	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 14:27	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 14:27	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 14:27	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 14:27	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 14:27	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 14:27	WG1618057
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 14:27	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 14:27	WG1618057
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/08/2021 14:27	WG1618057
Tetrachloroethene	1.62		0.0280	0.100	1	02/08/2021 14:27	WG1618057
Toluene	1.44		0.0500	0.200	1	02/08/2021 14:27	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 14:27	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 14:27	WG1618057
1,1,1-Trichloroethane	U	J4	0.0110	0.100	1	02/08/2021 14:27	WG1618057
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 14:27	WG1618057
Trichloroethene	0.101		0.0160	0.0400	1	02/08/2021 14:27	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 14:27	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 14:27	WG1618057
1,2,4-Trimethylbenzene	0.0970	J	0.0464	0.200	1	02/08/2021 14:27	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 14:27	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 14:27	WG1618057
Vinyl chloride	U		0.0273	0.100	1	02/08/2021 14:27	WG1618057
Xylenes, Total	1.17		0.191	0.260	1	02/08/2021 14:27	WG1618057
Ethyl Ether	U		0.0170	0.100	1	02/08/2021 14:27	WG1618057
Tetrahydrofuran	0.558	C3	0.0900	0.500	1	02/08/2021 14:27	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 14:27	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 14:27	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 14:27	WG1618057
(S) Toluene-d8	*90.3*			*75.0-131*		*02/08/2021 14:27*	WG1618057
(S) Toluene-d8	*103*			*75.0-131*		*02/15/2021 11:08*	WG1620866
(S) 4-Bromofluorobenzene	*110*			*67.0-138*		*02/08/2021 14:27*	WG1618057
(S) 4-Bromofluorobenzene	*99.7*			*67.0-138*		*02/15/2021 11:08*	WG1620866
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/08/2021 14:27*	WG1618057
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*02/15/2021 11:08*	WG1620866

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	127000		2970	25000	5	02/07/2021 11:53	WG1617451

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2000	B	102	1000	1	02/08/2021 23:36	WG1617994

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5570		28.1	100	1	02/12/2021 15:54	WG1618525
Manganese	537		0.704	5.00	1	02/12/2021 15:54	WG1618525

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	107		2.91	10.0	1	02/11/2021 15:43	WG1619814
Ethane	U		4.07	13.0	1	02/11/2021 15:43	WG1619814
Ethene	U		4.26	13.0	1	02/11/2021 15:43	WG1619814

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.20		0.548	1.00	1	02/08/2021 14:46	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 14:46	WG1618057
Benzene	0.0500		0.0160	0.0400	1	02/08/2021 14:46	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 14:46	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 14:46	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 14:46	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 14:46	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 14:46	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 14:46	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 14:46	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 14:46	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 14:46	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 14:46	WG1618057
Chloroethane	U		0.0432	0.200	1	02/08/2021 14:46	WG1618057
Chloroform	0.0810	J	0.0166	0.100	1	02/08/2021 14:46	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 14:46	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 14:46	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 14:46	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 14:46	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 14:46	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 14:46	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 14:46	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 14:46	WG1618057
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 14:46	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 14:46	WG1618057
1,1-Dichloroethane	2.60		0.0230	0.100	1	02/08/2021 14:46	WG1618057
1,2-Dichloroethane	0.423		0.0190	0.100	1	02/08/2021 14:46	WG1618057
1,1-Dichloroethene	0.650	C5	0.0200	0.100	1	02/08/2021 14:46	WG1618057
cis-1,2-Dichloroethene	43.5		0.0276	0.100	1	02/08/2021 14:46	WG1618057
trans-1,2-Dichloroethene	0.212	C5 J4	0.0572	0.200	1	02/08/2021 14:46	WG1618057
1,2-Dichloropropane	0.860		0.0508	0.200	1	02/08/2021 14:46	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 14:46	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 14:46	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 14:46	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 14:46	WG1618057
2,2-Dichloropropane	U		0.0317	0.100	1	02/08/2021 14:46	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 14:46	WG1618057
Ethylbenzene	0.0790	J	0.0212	0.100	1	02/08/2021 14:46	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 14:46	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 14:46	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 14:46	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 14:46	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 14:46	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 14:46	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 14:46	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 14:46	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 14:46	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 14:46	WG1618057
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 14:46	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 14:46	WG1618057
1,1,2-Trichlorotrifluoroethane	0.479		0.0270	0.100	1	02/08/2021 14:46	WG1618057
Tetrachloroethene	41.6		0.0280	0.100	1	02/08/2021 14:46	WG1618057
Toluene	0.332		0.0500	0.200	1	02/08/2021 14:46	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 14:46	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 14:46	WG1618057
1,1,1-Trichloroethane	0.243	C5 J4	0.0110	0.100	1	02/08/2021 14:46	WG1618057
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 14:46	WG1618057
Trichloroethene	17.4		0.0160	0.0400	1	02/08/2021 14:46	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 14:46	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 14:46	WG1618057
1,2,4-Trimethylbenzene	0.0960	J	0.0464	0.200	1	02/08/2021 14:46	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 14:46	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 14:46	WG1618057
Vinyl chloride	1.17	C5	0.0273	0.100	1	02/08/2021 14:46	WG1618057
Xylenes, Total	0.516		0.191	0.260	1	02/08/2021 14:46	WG1618057
Ethyl Ether	U		0.0170	0.100	1	02/08/2021 14:46	WG1618057
Tetrahydrofuran	0.251	C3 J	0.0900	0.500	1	02/08/2021 14:46	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 14:46	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 14:46	WG1618057
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 14:46	WG1618057
(S) Toluene-d8	*91.9*			*75.0-131*		*02/08/2021 14:46*	WG1618057
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/08/2021 14:46*	WG1618057
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*02/08/2021 14:46*	WG1618057

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	1790	J	594	5000	1	02/07/2021 12:46	WG1617451

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3670	B	102	1000	1	02/08/2021 23:48	WG1617994

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	23600		28.1	100	1	02/12/2021 15:57	WG1618525
Manganese	1510		0.704	5.00	1	02/12/2021 15:57	WG1618525

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	73.2	B J	31.6	100	1	02/09/2021 07:13	WG1618382
(S) a,a,a-Trifluorotoluene(FID)	*106*			*78.0-120*		*02/09/2021 07:13*	WG1618382

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	644		2.91	10.0	1	02/11/2021 15:47	WG1619814
Ethane	U		4.07	13.0	1	02/11/2021 15:47	WG1619814
Ethene	U		4.26	13.0	1	02/11/2021 15:47	WG1619814

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/08/2021 15:06	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 15:06	WG1618057
Benzene	0.0420		0.0160	0.0400	1	02/08/2021 15:06	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 15:06	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 15:06	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 15:06	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 15:06	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 15:06	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 15:06	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 15:06	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 15:06	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 15:06	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 15:06	WG1618057
Chloroethane	U		0.0432	0.200	1	02/08/2021 15:06	WG1618057
Chloroform	U		0.0166	0.100	1	02/08/2021 15:06	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 15:06	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 15:06	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 15:06	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 15:06	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 15:06	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 15:06	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 15:06	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 15:06	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 15:06	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 15:06	WG1618057
1,1-Dichloroethane	U		0.0230	0.100	1	02/08/2021 15:06	WG1618057
1,2-Dichloroethane	U		0.0190	0.100	1	02/08/2021 15:06	WG1618057
1,1-Dichloroethene	U		0.0200	0.100	1	02/08/2021 15:06	WG1618057
cis-1,2-Dichloroethene	0.121		0.0276	0.100	1	02/08/2021 15:06	WG1618057
trans-1,2-Dichloroethene	U	J4	0.0572	0.200	1	02/08/2021 15:06	WG1618057
1,2-Dichloropropane	U		0.0508	0.200	1	02/08/2021 15:06	WG1618057
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 15:06	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 15:06	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 15:06	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 15:06	WG1618057
2,2-Dichloropropane	U		0.0317	0.100	1	02/08/2021 15:06	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 15:06	WG1618057
Ethylbenzene	0.0510	J	0.0212	0.100	1	02/08/2021 15:06	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 15:06	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 15:06	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 15:06	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 15:06	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 15:06	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 15:06	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 15:06	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 15:06	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 15:06	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 15:06	WG1618057
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 15:06	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 15:06	WG1618057
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/08/2021 15:06	WG1618057
Tetrachloroethene	0.117		0.0280	0.100	1	02/08/2021 15:06	WG1618057
Toluene	0.241		0.0500	0.200	1	02/08/2021 15:06	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 15:06	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 15:06	WG1618057
1,1,1-Trichloroethane	U	J4	0.0110	0.100	1	02/08/2021 15:06	WG1618057
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 15:06	WG1618057
Trichloroethene	U		0.0160	0.0400	1	02/08/2021 15:06	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 15:06	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 15:06	WG1618057
1,2,4-Trimethylbenzene	0.0730	J	0.0464	0.200	1	02/08/2021 15:06	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 15:06	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 15:06	WG1618057
Vinyl chloride	0.138	C5	0.0273	0.100	1	02/08/2021 15:06	WG1618057
Xylenes, Total	0.321		0.191	0.260	1	02/08/2021 15:06	WG1618057
Ethyl Ether	0.179		0.0170	0.100	1	02/08/2021 15:06	WG1618057
Tetrahydrofuran	U	C3	0.0900	0.500	1	02/08/2021 15:06	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 15:06	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 15:06	WG1618057
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 15:06	WG1618057
(S) Toluene-d8	*92.4*			*75.0-131*		*02/08/2021 15:06*	WG1618057
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*02/08/2021 15:06*	WG1618057
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/08/2021 15:06*	WG1618057

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	38.4	B J	31.6	100	1	02/09/2021 05:01	WG1618382
(S) a,a,a-Trifluorotoluene(FID)	*105*			*78.0-120*		*02/09/2021 05:01*	WG1618382

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	5.33		0.548	1.00	1	02/08/2021 11:56	WG1618057
Acrylonitrile	U		0.0760	0.500	1	02/08/2021 11:56	WG1618057
Benzene	0.0190	J	0.0160	0.0400	1	02/08/2021 11:56	WG1618057
Bromobenzene	U		0.0420	0.500	1	02/08/2021 11:56	WG1618057
Bromodichloromethane	U		0.0315	0.100	1	02/08/2021 11:56	WG1618057
Bromoform	U		0.239	1.00	1	02/08/2021 11:56	WG1618057
Bromomethane	U		0.148	0.500	1	02/08/2021 11:56	WG1618057
n-Butylbenzene	U		0.153	0.500	1	02/08/2021 11:56	WG1618057
sec-Butylbenzene	U		0.101	0.500	1	02/08/2021 11:56	WG1618057
tert-Butylbenzene	U		0.0620	0.200	1	02/08/2021 11:56	WG1618057
Carbon tetrachloride	U		0.0432	0.200	1	02/08/2021 11:56	WG1618057
Chlorobenzene	U		0.0229	0.100	1	02/08/2021 11:56	WG1618057
Chlorodibromomethane	U		0.0180	0.100	1	02/08/2021 11:56	WG1618057
Chloroethane	U		0.0432	0.200	1	02/08/2021 11:56	WG1618057
Chloroform	U		0.0166	0.100	1	02/08/2021 11:56	WG1618057
Chloromethane	U		0.0556	0.500	1	02/08/2021 11:56	WG1618057
2-Chlorotoluene	U		0.0368	0.100	1	02/08/2021 11:56	WG1618057
4-Chlorotoluene	U		0.0452	0.200	1	02/08/2021 11:56	WG1618057
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/08/2021 11:56	WG1618057
1,2-Dibromoethane	U		0.0210	0.100	1	02/08/2021 11:56	WG1618057
Dibromomethane	U		0.0400	0.200	1	02/08/2021 11:56	WG1618057
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/08/2021 11:56	WG1618057
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/08/2021 11:56	WG1618057
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/08/2021 11:56	WG1618057
Dichlorodifluoromethane	U		0.0327	0.100	1	02/08/2021 11:56	WG1618057
1,1-Dichloroethane	U		0.0230	0.100	1	02/08/2021 11:56	WG1618057
1,2-Dichloroethane	U		0.0190	0.100	1	02/08/2021 11:56	WG1618057
1,1-Dichloroethene	U		0.0200	0.100	1	02/08/2021 11:56	WG1618057
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/08/2021 11:56	WG1618057
trans-1,2-Dichloroethene	U	J4	0.0572	0.200	1	02/08/2021 11:56	WG1618057
1,2-Dichloropropane	U		0.0508	0.200	1	02/08/2021 11:56	WG1618057
1,1-Dichloropropene	U		0.0280	0.100	1	02/08/2021 11:56	WG1618057
1,3-Dichloropropane	U		0.0700	0.200	1	02/08/2021 11:56	WG1618057
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/08/2021 11:56	WG1618057
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/08/2021 11:56	WG1618057
2,2-Dichloropropane	U		0.0317	0.100	1	02/08/2021 11:56	WG1618057
Di-isopropyl ether	U		0.0140	0.0400	1	02/08/2021 11:56	WG1618057
Ethylbenzene	U		0.0212	0.100	1	02/08/2021 11:56	WG1618057
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/08/2021 11:56	WG1618057
Isopropylbenzene	U		0.0345	0.100	1	02/08/2021 11:56	WG1618057
p-Isopropyltoluene	U		0.0932	0.200	1	02/08/2021 11:56	WG1618057
2-Butanone (MEK)	U		0.500	1.00	1	02/08/2021 11:56	WG1618057
Methylene Chloride	U		0.265	1.00	1	02/08/2021 11:56	WG1618057
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/08/2021 11:56	WG1618057
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/08/2021 11:56	WG1618057
Naphthalene	U		0.124	0.500	1	02/08/2021 11:56	WG1618057
n-Propylbenzene	U		0.0472	0.200	1	02/08/2021 11:56	WG1618057
Styrene	U		0.109	0.500	1	02/08/2021 11:56	WG1618057

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/08/2021 11:56	WG1618057
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/08/2021 11:56	WG1618057
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/08/2021 11:56	WG1618057
Tetrachloroethene	U		0.0280	0.100	1	02/08/2021 11:56	WG1618057
Toluene	U		0.0500	0.200	1	02/08/2021 11:56	WG1618057
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/08/2021 11:56	WG1618057
1,2,4-Trichlorobenzene	U	C4	0.193	0.500	1	02/08/2021 11:56	WG1618057
1,1,1-Trichloroethane	U	J4	0.0110	0.100	1	02/08/2021 11:56	WG1618057
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/08/2021 11:56	WG1618057
Trichloroethene	U		0.0160	0.0400	1	02/08/2021 11:56	WG1618057
Trichlorofluoromethane	U		0.0200	0.100	1	02/08/2021 11:56	WG1618057
1,2,3-Trichloropropane	U		0.204	0.500	1	02/08/2021 11:56	WG1618057
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/08/2021 11:56	WG1618057
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/08/2021 11:56	WG1618057
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/08/2021 11:56	WG1618057
Vinyl chloride	U		0.0273	0.100	1	02/08/2021 11:56	WG1618057
Xylenes, Total	U		0.191	0.260	1	02/08/2021 11:56	WG1618057
Ethyl Ether	U		0.0170	0.100	1	02/08/2021 11:56	WG1618057
Tetrahydrofuran	0.271	C3 J	0.0900	0.500	1	02/08/2021 11:56	WG1618057
Iodomethane	U		0.242	0.500	1	02/08/2021 11:56	WG1618057
Allyl chloride	U	J4	0.580	1.00	1	02/08/2021 11:56	WG1618057
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/08/2021 11:56	WG1618057
(S) Toluene-d8	*88.1*			*75.0-131*		*02/08/2021 11:56*	WG1618057
(S) 4-Bromofluorobenzene	*113*			*67.0-138*		*02/08/2021 11:56*	WG1618057
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/08/2021 11:56*	WG1618057

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3621550-1 02/10/21 11:07

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Alkalinity	U		8450	20000

Sample Narrative:

BLANK: Endpoint pH 4.5

L1315162-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1315162-01 02/10/21 11:30 • (DUP) R3621550-2 02/10/21 11:38

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	274000	274000	1	0.0987		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

L1315417-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1315417-04 02/10/21 14:09 • (DUP) R3621550-4 02/10/21 14:17

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Alkalinity	495000	492000	1	0.553		20

Sample Narrative:

OS: Endpoint pH 4.5 Headspace

DUP: Endpoint pH 4.5

Laboratory Control Sample (LCS)

(LCS) R3621550-3 02/10/21 12:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Alkalinity	100000	96200	96.2	90.0-110	

Sample Narrative:

LCS: Endpoint pH 4.5

Method Blank (MB)

(MB) R3620082-1 02/06/21 09:53

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Chloride	U		379	1000
Nitrate	U		48.0	100
Sulfate	U		594	5000

L1314126-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1314126-04 02/06/21 17:42 • (DUP) R3620082-3 02/06/21 18:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Chloride	36000	36100	1	0.0424		15
Nitrate	174	174	1	0.345		15
Sulfate	11800	11700	1	0.873		15

L1314840-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1314840-01 02/06/21 22:56 • (DUP) R3620082-6 02/06/21 23:14

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Chloride	U	U	1	0.000		15
Nitrate	U	U	1	0.000		15
Sulfate	U	U	1	0.000		15

L1314614-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1314614-12 02/07/21 10:59 • (DUP) R3620082-11 02/07/21 11:17

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Chloride	11600	11600	1	0.114		15
Nitrate	U	U	1	0.000		15
Sulfate	6910	6770	1	2.02		15

Laboratory Control Sample (LCS)

(LCS) R3620082-2 02/06/21 10:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40000	38100	95.4	80.0-120	
Nitrate	8000	7630	95.3	80.0-120	
Sulfate	40000	38900	97.2	80.0-120	

L1314126-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1314126-05 02/06/21 18:39 • (MS) R3620082-4 02/06/21 18:57 • (MSD) R3620082-5 02/06/21 19:15

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	50000	30300	76600	77400	92.5	94.2	1	80.0-120			1.09	15
Nitrate	5000	U	4690	4790	93.9	95.8	1	80.0-120			2.05	15
Sulfate	50000	2330	49800	50700	94.9	96.7	1	80.0-120			1.86	15

L1314840-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1314840-01 02/06/21 22:56 • (MS) R3620082-7 02/06/21 23:32

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	U	45300	90.7	1	80.0-120	
Nitrate	5000	U	4530	90.7	1	80.0-120	
Sulfate	50000	U	45700	91.3	1	80.0-120	

L1314614-12 Original Sample (OS) • Matrix Spike (MS)

(OS) L1314614-12 02/07/21 10:59 • (MS) R3620082-12 02/07/21 11:35

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	50000	11600	59100	95.0	1	80.0-120	
Nitrate	5000	U	4740	94.7	1	80.0-120	
Sulfate	50000	6910	54700	95.7	1	80.0-120	

Method Blank (MB)

(MB) R3620762-1 02/08/21 13:38

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	371	J	102	1000

L1314614-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1314614-09 02/08/21 20:55 • (DUP) R3620762-6 02/08/21 21:09

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	11600	11700	1	1.20		20

Laboratory Control Sample (LCS)

(LCS) R3620762-2 02/08/21 14:05

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	76100	101	85.0-115	

L1314473-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1314473-01 02/08/21 19:42 • (MS) R3620762-4 02/08/21 20:00 • (MSD) R3620762-5 02/08/21 20:14

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	483	46700	48700	92.4	96.4	1	80.0-120			4.13	20

L1314614-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1314614-13 02/09/21 10:57 • (MS) R3620762-9 02/09/21 11:11 • (MSD) R3620762-10 02/09/21 11:25

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	2540	49300	50200	93.5	95.3	1	80.0-120			1.83	20

Method Blank (MB)

(MB) R3622105-1 02/12/21 14:29

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Iron	U		28.1	100
Manganese	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3622105-2 02/12/21 14:32

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron	5000	4900	98.0	80.0-120	
Manganese	50.0	49.0	98.1	80.0-120	

L1312577-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1312577-06 02/12/21 14:36 • (MS) R3622105-4 02/12/21 14:42 • (MSD) R3622105-5 02/12/21 14:45

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l		ug/l	ug/l	%	%		%			%	%
Iron	5000		15300	15200	92.5	90.2	1	75.0-125			0.764	20
Manganese	50.0		333	331	82.8	78.8	1	75.0-125			0.605	20

Method Blank (MB)

(MB) R3620846-2 02/09/21 04:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	47.6	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*106*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3620846-1 02/09/21 03:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	4970	90.4	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*92.4*	*78.0-120*	

Method Blank (MB)

(MB) R3621717-2 02/11/21 13:52

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1314440-23 Original Sample (OS) • Duplicate (DUP)

(OS) L1314440-23 02/11/21 14:12 • (DUP) R3621717-3 02/11/21 14:32

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	26.6	25.5	1	4.22		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1314614-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1314614-10 02/11/21 14:57 • (DUP) R3621717-4 02/11/21 15:11

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	305	302	1	0.988		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621717-1 02/11/21 13:49 • (LCSD) R3621717-5 02/11/21 15:14

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	71.9	65.6	106	96.8	85.0-115			9.16	20
Ethane	129	129	129	100	100	85.0-115			0.000	20
Ethene	127	126	127	99.2	100	85.0-115			0.791	20

Method Blank (MB)

(MB) R3621773-2 02/11/21 15:37

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		2.91	10.0
Ethane	U		4.07	13.0
Ethene	U		4.26	13.0

L1314614-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1314614-15 02/11/21 15:47 • (DUP) R3621773-3 02/11/21 16:21

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	644	621	1	3.64		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1315176-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1315176-01 02/11/21 16:35 • (DUP) R3621773-4 02/11/21 17:20

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	14.2	14.7	1	3.46		20
Ethane	U	U	1	0.000		20
Ethene	21.2	21.3	1	0.471		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621773-1 02/11/21 15:35 • (LCSD) R3621773-5 02/11/21 17:25

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	66.0	68.2	97.3	101	85.0-115			3.28	20
Ethane	129	127	130	98.4	101	85.0-115			2.33	20
Ethene	127	123	127	96.9	100	85.0-115			3.20	20

Method Blank (MB)

(MB) R3620825-2 02/07/21 12:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500

Method Blank (MB)

(MB) R3620825-2 02/07/21 12:13

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*87.5*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3620825-1 02/07/21 11:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	20.2	80.8	10.0-160	
Benzene	5.00	4.56	91.2	70.0-123	

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Laboratory Control Sample (LCS)

(LCS) R3620825-1 02/07/21 11:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromobenzene	5.00	4.82	96.4	73.0-121	
Bromodichloromethane	5.00	4.44	88.8	73.0-121	
Bromoform	5.00	4.63	92.6	64.0-132	
Bromomethane	5.00	5.80	116	56.0-147	
n-Butylbenzene	5.00	4.22	84.4	68.0-135	
sec-Butylbenzene	5.00	4.35	87.0	74.0-130	
tert-Butylbenzene	5.00	4.38	87.6	75.0-127	
Carbon tetrachloride	5.00	4.48	89.6	66.0-128	
Chlorobenzene	5.00	4.65	93.0	76.0-128	
Chlorodibromomethane	5.00	4.53	90.6	74.0-127	
Chloroethane	5.00	6.24	125	61.0-134	
Chloroform	5.00	4.40	88.0	72.0-123	
2-Chlorotoluene	5.00	4.49	89.8	75.0-124	
4-Chlorotoluene	5.00	4.40	88.0	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	3.35	67.0	59.0-130	
1,2-Dibromoethane	5.00	4.67	93.4	74.0-128	
Dibromomethane	5.00	4.34	86.8	75.0-122	
1,2-Dichlorobenzene	5.00	4.56	91.2	76.0-124	
1,3-Dichlorobenzene	5.00	4.60	92.0	76.0-125	
1,4-Dichlorobenzene	5.00	4.54	90.8	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.50	90.0	45.0-143	
Dichlorodifluoromethane	5.00	3.13	62.6	43.0-156	
1,1-Dichloroethane	5.00	4.04	80.8	70.0-127	
1,2-Dichloroethane	5.00	4.33	86.6	65.0-131	
1,1-Dichloroethene	5.00	4.39	87.8	65.0-131	
cis-1,2-Dichloroethene	5.00	4.47	89.4	73.0-125	
trans-1,2-Dichloroethene	5.00	4.49	89.8	71.0-125	
1,2-Dichloropropane	5.00	4.42	88.4	74.0-125	
1,1-Dichloropropene	5.00	4.37	87.4	73.0-125	
1,3-Dichloropropane	5.00	4.71	94.2	80.0-125	
cis-1,3-Dichloropropene	5.00	4.50	90.0	76.0-127	
trans-1,3-Dichloropropene	5.00	4.28	85.6	73.0-127	
2,2-Dichloropropane	5.00	4.10	82.0	59.0-135	
Di-isopropyl ether	5.00	4.56	91.2	60.0-136	
Ethylbenzene	5.00	4.81	96.2	74.0-126	
Ethyl ether	5.00	4.33	86.6	64.0-137	
Hexachloro-1,3-butadiene	5.00	3.88	77.6	57.0-150	
Iodomethane	25.0	23.6	94.4	74.0-134	
Isopropylbenzene	5.00	4.71	94.2	72.0-127	
p-Isopropyltoluene	5.00	4.43	88.6	72.0-133	

Laboratory Control Sample (LCS)

(LCS) R3620825-1 02/07/21 11:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Butanone (MEK)	25.0	20.4	81.6	30.0-160	
Methylene Chloride	5.00	4.50	90.0	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	20.6	82.4	56.0-143	
Methyl tert-butyl ether	5.00	4.39	87.8	66.0-132	
Naphthalene	5.00	3.71	74.2	59.0-130	
n-Propylbenzene	5.00	4.44	88.8	74.0-126	
Styrene	5.00	4.45	89.0	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.81	96.2	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	4.11	82.2	68.0-128	
Tetrachloroethene	5.00	5.30	106	70.0-136	
Tetrahydrofuran	5.00	4.84	96.8	37.0-146	
Toluene	5.00	4.67	93.4	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	4.10	82.0	61.0-139	
1,2,3-Trichlorobenzene	5.00	3.72	74.4	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.27	85.4	62.0-137	
1,1,1-Trichloroethane	5.00	4.58	91.6	69.0-126	
1,1,2-Trichloroethane	5.00	4.66	93.2	78.0-123	
Trichloroethene	5.00	5.07	101	76.0-126	
Trichlorofluoromethane	5.00	3.67	73.4	61.0-142	
1,2,3-Trichloropropane	5.00	4.19	83.8	67.0-129	
1,2,3-Trimethylbenzene	5.00	4.22	84.4	74.0-124	
1,2,4-Trimethylbenzene	5.00	4.42	88.4	70.0-126	
1,3,5-Trimethylbenzene	5.00	4.56	91.2	73.0-127	
Vinyl chloride	5.00	5.74	115	63.0-134	
Xylenes, Total	15.0	14.1	94.0	72.0-127	
Allyl chloride	25.0	19.8	79.2	70.0-131	
(S) Toluene-d8			*103*	*75.0-131*	
(S) 4-Bromofluorobenzene			*99.6*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*91.4*	*70.0-130*	

Method Blank (MB)

(MB) R3622157-2 02/08/21 10:20

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3622157-2 02/08/21 10:20

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	2.78		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*98.1*			*75.0-131*
(S) 4-Bromofluorobenzene	*100*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3622157-1 02/08/21 09:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	20.9	83.6	10.0-160	
Acrylonitrile	25.0	20.8	83.2	45.0-153	
Benzene	5.00	5.58	112	70.0-123	
Bromobenzene	5.00	5.26	105	73.0-121	
Bromodichloromethane	5.00	5.51	110	73.0-121	
Bromoform	5.00	4.96	99.2	64.0-132	
Bromomethane	5.00	6.69	134	56.0-147	
n-Butylbenzene	5.00	4.85	97.0	68.0-135	
sec-Butylbenzene	5.00	5.29	106	74.0-130	
tert-Butylbenzene	5.00	5.20	104	75.0-127	
Carbon tetrachloride	5.00	5.72	114	66.0-128	
Chlorobenzene	5.00	5.18	104	76.0-128	
Chlorodibromomethane	5.00	5.34	107	74.0-127	
Chloroethane	5.00	6.22	124	61.0-134	
Chloroform	5.00	5.99	120	72.0-123	
Chloromethane	5.00	5.53	111	51.0-138	
2-Chlorotoluene	5.00	5.47	109	75.0-124	
4-Chlorotoluene	5.00	5.29	106	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.16	83.2	59.0-130	
1,2-Dibromoethane	5.00	5.08	102	74.0-128	
Dibromomethane	5.00	5.77	115	75.0-122	
1,2-Dichlorobenzene	5.00	5.06	101	76.0-124	
1,3-Dichlorobenzene	5.00	5.00	100	76.0-125	
1,4-Dichlorobenzene	5.00	4.90	98.0	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	5.98	120	45.0-143	
Dichlorodifluoromethane	5.00	4.65	93.0	43.0-156	
1,1-Dichloroethane	5.00	5.85	117	70.0-127	
1,2-Dichloroethane	5.00	5.03	101	65.0-131	
1,1-Dichloroethene	5.00	6.30	126	65.0-131	
cis-1,2-Dichloroethene	5.00	5.84	117	73.0-125	
trans-1,2-Dichloroethene	5.00	6.50	130	71.0-125	J4
1,2-Dichloropropane	5.00	5.89	118	74.0-125	
1,1-Dichloropropene	5.00	5.91	118	73.0-125	
1,3-Dichloropropane	5.00	5.12	102	80.0-125	
cis-1,3-Dichloropropene	5.00	5.85	117	76.0-127	
trans-1,3-Dichloropropene	5.00	5.33	107	73.0-127	
2,2-Dichloropropane	5.00	6.11	122	59.0-135	
Di-isopropyl ether	5.00	5.86	117	60.0-136	
Ethylbenzene	5.00	5.25	105	74.0-126	
Ethyl ether	5.00	5.83	117	64.0-137	

Laboratory Control Sample (LCS)

(LCS) R3622157-1 02/08/21 09:23

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	5.43	109	57.0-150	
Iodomethane	25.0	32.8	131	74.0-134	
Isopropylbenzene	5.00	5.21	104	72.0-127	
p-Isopropyltoluene	5.00	5.18	104	72.0-133	
2-Butanone (MEK)	25.0	23.9	95.6	30.0-160	
Methylene Chloride	5.00	5.85	117	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	25.2	101	56.0-143	
Methyl tert-butyl ether	5.00	5.77	115	66.0-132	
Naphthalene	5.00	4.22	84.4	59.0-130	
n-Propylbenzene	5.00	5.24	105	74.0-126	
Styrene	5.00	5.21	104	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.93	98.6	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	4.89	97.8	68.0-128	
Tetrachloroethene	5.00	5.10	102	70.0-136	
Tetrahydrofuran	5.00	2.86	57.2	37.0-146	
Toluene	5.00	5.19	104	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	4.70	94.0	61.0-139	
1,2,3-Trichlorobenzene	5.00	4.62	92.4	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.56	91.2	62.0-137	
1,1,1-Trichloroethane	5.00	6.42	128	69.0-126	J4
1,1,2-Trichloroethane	5.00	5.34	107	78.0-123	
Trichloroethene	5.00	5.92	118	76.0-126	
Trichlorofluoromethane	5.00	5.06	101	61.0-142	
1,2,3-Trichloropropane	5.00	5.11	102	67.0-129	
1,2,3-Trimethylbenzene	5.00	6.23	125	74.0-124	J4
1,2,4-Trimethylbenzene	5.00	5.18	104	70.0-126	
1,3,5-Trimethylbenzene	5.00	5.32	106	73.0-127	
Vinyl chloride	5.00	6.10	122	63.0-134	
Xylenes, Total	15.0	15.0	100	72.0-127	
Allyl chloride	25.0	33.8	135	70.0-131	J4
(S) Toluene-d8			*95.0*	*75.0-131*	
(S) 4-Bromofluorobenzene			*102*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*99.2*	*70.0-130*	

Method Blank (MB)

(MB) R3620854-2 02/09/21 09:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acrylonitrile	U		0.0760	0.500
Chloromethane	U		0.0556	0.500
cis-1,2-Dichloroethene	U		0.0276	0.100
Vinyl chloride	U		0.0273	0.100
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3620854-1 02/09/21 08:44

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acrylonitrile	25.0	23.6	94.4	45.0-153	
Chloromethane	5.00	4.73	94.6	51.0-138	
cis-1,2-Dichloroethene	5.00	4.92	98.4	73.0-125	
Vinyl chloride	5.00	5.28	106	63.0-134	
(S) Toluene-d8			*102*	*75.0-131*	
(S) 4-Bromofluorobenzene			*96.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*103*	*70.0-130*	

Method Blank (MB)

(MB) R3622543-2 02/15/21 10:27

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
cis-1,2-Dichloroethene	U		0.0276	0.100
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3622543-1 02/15/21 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	5.00	4.86	97.2	73.0-125	
(S) Toluene-d8			*104*	*75.0-131*	
(S) 4-Bromofluorobenzene			*101*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*107*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C4	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Data is likely to show a low bias concerning the result.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.
T8	Sample(s) received past/too close to holding time expiration.

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* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

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Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

Pace Analytical National 1313 Point Mallard Parkway SE Suite B Decatur, AL, 35601

Alabama	40160
ANSI National Accreditation Board	L2239

Pace Analytical National 660 Bercut Dr. Ste. C Sacramento, CA, 95811

California	2961	Oregon	CA300002
Minnesota	006-999-465	Washington	C926
North Dakota	R-214		

Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV, 89119

Nevada	NV009412021-1

Pace Analytical National 1606 E. Brazos Street Suite D Victoria, TX, 77901

Texas	T104704328-20-18

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.02.501E

Lab Project # PESENVSWA-ALP

Collected by (print): HRC/GLH

Site/Facility ID #

P.O. #

Collected by (signature): Hunter Colvin

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard TAT

No. of Cntrs

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK 125mlHDPE-NoPres	FEG,MNG 250mlHDPE-HNO3	NO3,CL,SO4 by 9056 125mlHDPE-NoPres	NWTPHGX 40mlAmb HCl	RSK175LL 40mlAmb-HCl	SULFATE 125mlHDPE-NoPres	TOC 250mlHDPE-HCl	V8260ULLC 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-165-020421	Grab	GW	18	2/4/21	1035	3								X		-01
MW-173-020421		GW	17		1017	3								X		02
MW-168-020421		GW	62		1115	3								X		03
MW-174-020421		GW	31		1140	3								X		04
MW-175-020421		GW	47		1245	3								X		05
MW-167-020421		GW	47		1330	3								X		06
MW-176-020421		GW	62		1355	3								X		07
MW-166-020421		GW	32		1420	3								X		08
MW121-020521		GW	20	2/5/21	920	8		X			X	X	X	X		09
MW-160-020521		GW	123		1005	8		X			X	X	X	X		10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS X FedEx __ Courier _____

Tracking # 9517 5749 0518

Relinquished by : (Signature): Hunter Colvin | Date: 2/5/21 | Time: 1645 | Received by: (Signature)

Relinquished by : (Signature) | Date: | Time: | Received by: (Signature)

Relinquished by : (Signature) | Date: | Time: | Received for lab by: (Signature): B. Banas | Date: 2-6-21 | Time: 0900

Trip Blank Received: Yes / No (HCL / MeoH / TBR) 2

Temp: 4.2 °C Bottles Received: 87

2.8+.1=2.9

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Chain of Custody Page 1 of 2

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1314614

Table # A023

Acctnum: PESENVSWA
Template: T180703
Prelogin: P822447
PM: 546 - Jared Starkey
PB:

Shipped Via:

Page 2 of 2

PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.02.SDE

Lab Project # PESENVSWA-ALP

Collected by (print): HRC/BLH

Site/Facility ID #

P.O. #

Collected by (signature): Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK 125mlHDPE-NoPres	FEG,MNG 250mlHDPE-HNO3	NO3,CL,SO4 by 9056 125mlHDPE-NoPres	NWTPHGX 40mlAmb HCl	RSK175LL 40mlAmb-HCl	SULFATE 125mlHDPE-NoPres	TOC 250mlHDPE-HCl	V8260ULLC 40mlAmb-HCl	Remarks	Sample # (lab only)
							<2									
MW-14BR-020521	Grab	GW	75	2/5/21	1120	8		X			X	X	X	X		-11
MW-16I-020521	"	GW	135	"	1250	8		X			X	X	X	X		12
MW-301-020521	"	GW	24	"	1440	12	X	X	X	X	X	X	X	X		13
MW120-020521	"	GW	45	"	1355	8		X			X	X	X	X		14
MW-9-020521	"	GW	20	"	1510	12 (8 3 1/6)		X			X	X	X	X		15
TB-020521	-	GW	-	"	1600	2				X				X		16
		GW														
		GW														
		GW														
		GW														

Analysis / Container / Preservative

Chain of Custody

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1314614

Table #

Acctnum: PESENVSWA
Template: T180703
Prelogin: P822447
PM: 546 - Jared Starkey
PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS X FedEx __ Courier _____

Tracking # 9517 5749 0518

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeoH TBR	If preservation required by Login: Date/Time
[signature]	2/5/21	1645		2	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: A2 G2 °C 2.8+.1=2.9 Bottles Received: 87	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) B. Barnes	Date: 2-6-21 Time: 0900	Hold: Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

February 15, 2021

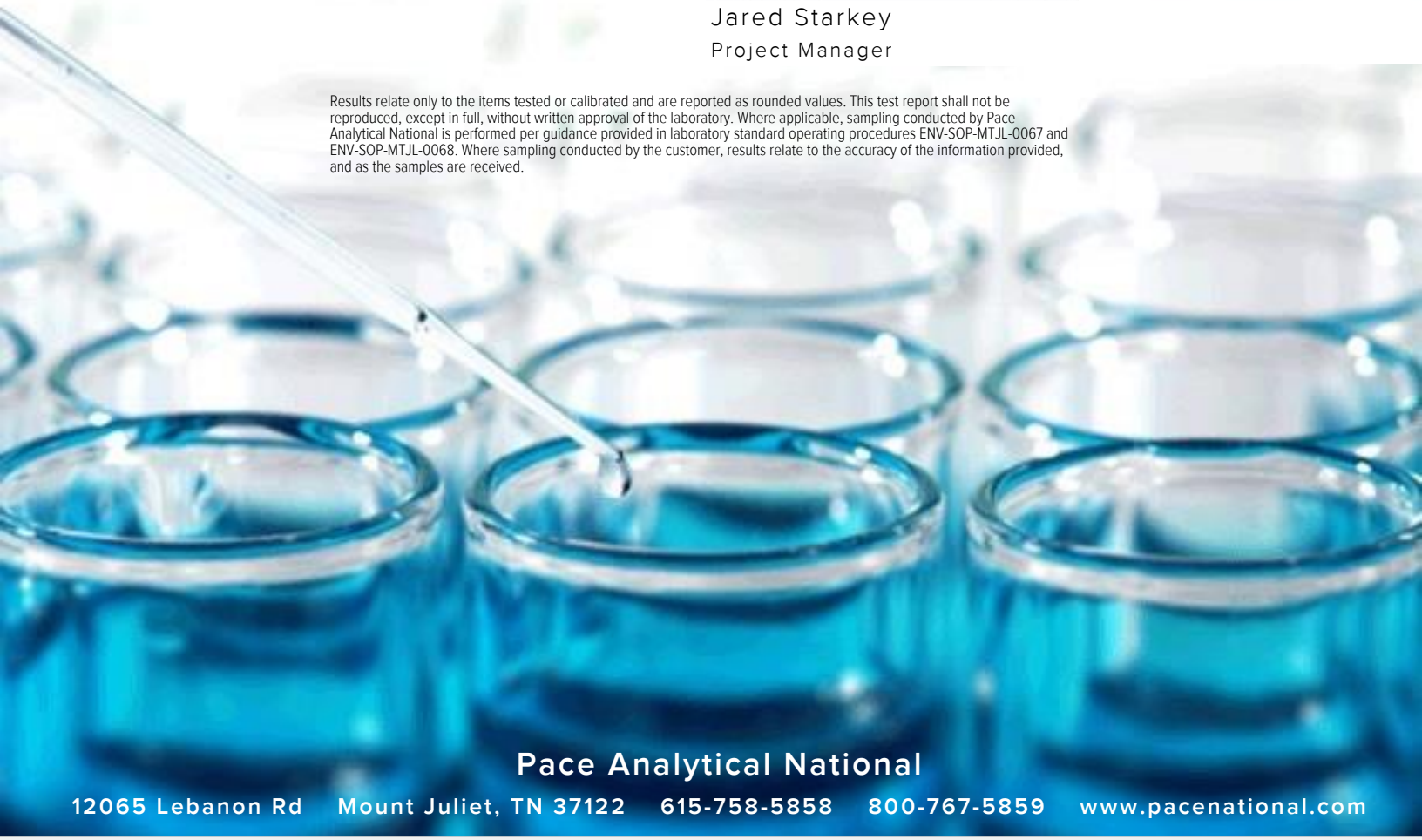
PES Environmental, Inc.- WA

Sample Delivery Group:	L1315322
Samples Received:	02/09/2021
Project Number:	1413-001-02-501F
Description:	American Linen
Site:	700 DEXTER AVE N SEATTLE WA
Report To:	Brian O'Neal/Bill Haldeman 1215 Fourth Ave., Suite 1310 Seattle, WA 98121

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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SV-06-020321 L1315322-01 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 10:07 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619250	1	02/10/21 23:51	02/10/21 23:51	CAW	Mt. Juliet, TN

SV-07-020321 L1315322-02 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 10:44 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619250	1	02/11/21 00:32	02/11/21 00:32	CAW	Mt. Juliet, TN

SV-24-020321 L1315322-03 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 12:01 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619328	1	02/10/21 12:42	02/10/21 12:42	CAW	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1620044	50	02/11/21 21:39	02/11/21 21:39	FKG	Mt. Juliet, TN

SV-23-020321 L1315322-04 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 11:51 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619328	1	02/10/21 13:22	02/10/21 13:22	CAW	Mt. Juliet, TN

SV-21-020321 L1315322-05 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 12:51 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619328	1	02/10/21 14:03	02/10/21 14:03	CAW	Mt. Juliet, TN

SV-22-020321 L1315322-06 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 12:51 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619328	1	02/10/21 14:43	02/10/21 14:43	CAW	Mt. Juliet, TN

SV-15-020321 L1315322-07 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 13:44 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619328	1	02/10/21 15:23	02/10/21 15:23	CAW	Mt. Juliet, TN

SV-14-020321 L1315322-08 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 13:54 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619328	1	02/10/21 16:04	02/10/21 16:04	CAW	Mt. Juliet, TN

SV-08-020321 L1315322-09 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 15:09 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/10/21 18:02	02/10/21 18:02	DAH	Mt. Juliet, TN

SV-904-020321 L1315322-10 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 15:13 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/10/21 18:43	02/10/21 18:43	DAH	Mt. Juliet, TN

SV-09-020321 L1315322-11 Air

Collected by: S. McKernan | Collected date/time: 02/03/21 15:13 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/10/21 19:25	02/10/21 19:25	DAH	Mt. Juliet, TN

SV-12-020521 L1315322-12 Air

Collected by: S. McKernan | Collected date/time: 02/05/21 09:50 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/10/21 20:06	02/10/21 20:06	DAH	Mt. Juliet, TN

SV-13-020521 L1315322-13 Air

Collected by: S. McKernan | Collected date/time: 02/05/21 10:25 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/10/21 20:48	02/10/21 20:48	DAH	Mt. Juliet, TN

SV-10-020521 L1315322-14 Air

Collected by: S. McKernan | Collected date/time: 02/05/21 11:12 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/10/21 21:29	02/10/21 21:29	DAH	Mt. Juliet, TN

SV-28-020621 L1315322-15 Air

Collected by: S. McKernan | Collected date/time: 02/06/21 12:36 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/10/21 22:11	02/10/21 22:11	DAH	Mt. Juliet, TN

SV-25-020621 L1315322-16 Air

Collected by: S. McKernan | Collected date/time: 02/06/21 10:55 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/10/21 22:52	02/10/21 22:52	DAH	Mt. Juliet, TN

SV-11-020621 L1315322-17 Air

Collected by: S. McKernan | Collected date/time: 02/06/21 13:12 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/10/21 23:33	02/10/21 23:33	DAH	Mt. Juliet, TN

SV01-020721 L1315322-18 Air

Collected by: S. McKernan | Collected date/time: 02/07/21 08:47 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/11/21 00:15	02/11/21 00:15	DAH	Mt. Juliet, TN

SV-27-020621 L1315322-19 Air

Collected by: S. McKernan | Collected date/time: 02/06/21 12:03 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/11/21 00:56	02/11/21 00:56	DAH	Mt. Juliet, TN

SV-905-020621 L1315322-20 Air

Collected by: S. McKernan | Collected date/time: 02/06/21 14:11 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/11/21 01:48	02/11/21 01:48	DAH	Mt. Juliet, TN

SV-20-020721 L1315322-21 Air

Collected by: S. McKernan | Collected date/time: 02/07/21 11:13 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619439	1	02/11/21 02:31	02/11/21 02:31	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1620044	10	02/11/21 22:19	02/11/21 22:19	FKG	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1620666	1	02/12/21 12:55	02/12/21 12:55	CEP	Mt. Juliet, TN

SV-18-020721 L1315322-22 Air

Collected by: S. McKernan | Collected date/time: 02/07/21 09:16 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619328	1	02/10/21 16:45	02/10/21 16:45	CAW	Mt. Juliet, TN

SV-17-020721 L1315322-23 Air

Collected by: S. McKernan | Collected date/time: 02/07/21 09:42 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619328	1	02/10/21 17:26	02/10/21 17:26	CAW	Mt. Juliet, TN

SV-16-020721 L1315322-24 Air

Collected by: S. McKernan | Collected date/time: 02/07/21 10:00 | Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619328	1	02/10/21 18:06	02/10/21 18:06	CAW	Mt. Juliet, TN

SV-19-020721 L1315322-25 Air

Collected by: S. McKernan
Collected date/time: 02/07/21 11:41
Received date/time: 02/09/21 08:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1619328	1	02/10/21 18:47	02/10/21 18:47	CAW	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	1.82	4.32		1	WG1619250
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619250
Benzene	71-43-2	78.10	0.200	0.639	0.315	1.01		1	WG1619250
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619250
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619250
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619250
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619250
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619250
Carbon disulfide	75-15-0	76.10	0.200	0.622	1.37	4.26		1	WG1619250
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619250
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619250
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619250
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619250
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619250
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619250
Cyclohexane	110-82-7	84.20	0.200	0.689	0.414	1.43		1	WG1619250
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619250
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619250
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619250
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619250
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619250
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619250
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619250
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619250
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619250
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619250
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619250
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619250
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619250
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619250
Ethanol	64-17-5	46.10	0.630	1.19	9.54	18.0		1	WG1619250
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619250
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619250
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.408	2.29		1	WG1619250
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.613	3.03		1	WG1619250
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619250
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619250
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619250
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619250
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619250
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619250
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619250
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619250
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619250
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619250
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619250
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619250
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619250
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619250
Propene	115-07-1	42.10	0.400	0.689	2.40	4.13		1	WG1619250
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619250
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619250
Tetrachloroethylene	127-18-4	166	0.200	1.36	8.59	58.3		1	WG1619250
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619250
Toluene	108-88-3	92.10	0.500	1.88	1.59	5.99		1	WG1619250
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619250

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619250
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619250
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619250
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.277	1.36		1	WG1619250
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619250
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.223	1.04		1	WG1619250
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619250
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619250
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619250
m&p-Xylene	1330-20-7	106	0.400	1.73	0.574	2.49		1	WG1619250
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619250
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*90.8*				WG1619250

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	2.17	5.16		1	WG1619250
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619250
Benzene	71-43-2	78.10	0.200	0.639	0.305	0.974		1	WG1619250
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619250
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619250
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619250
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619250
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619250
Carbon disulfide	75-15-0	76.10	0.200	0.622	1.25	3.89		1	WG1619250
Carbon tetrachloride	56-23-5	154	0.200	1.26	0.850	5.35		1	WG1619250
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619250
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619250
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619250
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619250
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619250
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619250
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619250
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619250
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619250
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619250
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	0.232	1.39	B	1	WG1619250
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619250
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619250
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619250
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619250
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619250
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619250
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619250
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619250
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619250
Ethanol	64-17-5	46.10	0.630	1.19	24.1	45.4		1	WG1619250
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619250
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619250
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.444	2.50		1	WG1619250
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.527	2.61		1	WG1619250
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619250
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619250
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619250
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619250
n-Hexane	110-54-3	86.20	0.630	2.22	0.645	2.27		1	WG1619250
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619250
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.815	2.83		1	WG1619250
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619250
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619250
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619250
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619250
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619250
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619250
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619250
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619250
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619250
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619250
Tetrachloroethylene	127-18-4	166	0.200	1.36	4.47	30.3		1	WG1619250
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619250
Toluene	108-88-3	92.10	0.500	1.88	1.22	4.60	B	1	WG1619250
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619250

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619250
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619250
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619250
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.428	2.10		1	WG1619250
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619250
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619250
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619250
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619250
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619250
m&p-Xylene	1330-20-7	106	0.400	1.73	0.603	2.61		1	WG1619250
o-Xylene	95-47-6	106	0.200	0.867	0.236	1.02		1	WG1619250
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.2*				WG1619250

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	1.52	3.61		1	WG1619328
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619328
Benzene	71-43-2	78.10	0.200	0.639	85.5	273		1	WG1619328
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619328
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619328
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619328
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619328
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619328
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1619328
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619328
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619328
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619328
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619328
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619328
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619328
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619328
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619328
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619328
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619328
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619328
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619328
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619328
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619328
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619328
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619328
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619328
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619328
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619328
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619328
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619328
Ethanol	64-17-5	46.10	0.630	1.19	6.87	13.0		1	WG1619328
Ethylbenzene	100-41-4	106	0.200	0.867	38.3	166		1	WG1619328
4-Ethyltoluene	622-96-8	120	0.200	0.982	22.1	108		1	WG1619328
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1619328
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	ND	ND		1	WG1619328
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619328
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619328
Heptane	142-82-5	100	0.200	0.818	16.4	67.1		1	WG1619328
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619328
n-Hexane	110-54-3	86.20	0.630	2.22	36.1	127		1	WG1619328
Isopropylbenzene	98-82-8	120.20	0.200	0.983	2.16	10.6		1	WG1619328
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619328
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619328
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619328
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619328
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619328
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619328
Naphthalene	91-20-3	128	0.630	3.30	8.56	44.8		1	WG1619328
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619328
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619328
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619328
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619328
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1619328
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619328
Toluene	108-88-3	92.10	25.0	94.2	142	535		50	WG1620044
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619328
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619328
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619328
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	91.2	448		1	WG1619328
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	25.8	127		1	WG1619328
2,2,4-Trimethylpentane	540-84-1	114.22	10.0	46.7	1080	5050		50	WG1620044
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619328
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619328
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND	J3	1	WG1619328
m&p-Xylene	1330-20-7	106	0.400	1.73	140	607		1	WG1619328
o-Xylene	95-47-6	106	0.200	0.867	37.5	163		1	WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*156*		J1		WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*90.3*				WG1620044

Sample Narrative:

L1315322-03 WG1619328: Surrogate failure due to matrix interference.

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	3.78	8.98		1	WG1619328
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619328
Benzene	71-43-2	78.10	0.200	0.639	1.66	5.30		1	WG1619328
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619328
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619328
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619328
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619328
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619328
Carbon disulfide	75-15-0	76.10	0.200	0.622	3.67	11.4		1	WG1619328
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619328
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619328
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619328
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619328
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619328
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619328
Cyclohexane	110-82-7	84.20	0.200	0.689	1.43	4.92		1	WG1619328
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619328
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619328
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619328
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619328
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619328
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619328
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619328
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619328
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619328
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619328
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619328
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619328
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619328
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619328
Ethanol	64-17-5	46.10	0.630	1.19	24.1	45.4		1	WG1619328
Ethylbenzene	100-41-4	106	0.200	0.867	0.439	1.90		1	WG1619328
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619328
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1619328
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.299	1.48		1	WG1619328
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619328
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619328
Heptane	142-82-5	100	0.200	0.818	1.52	6.22		1	WG1619328
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619328
n-Hexane	110-54-3	86.20	0.630	2.22	5.21	18.4		1	WG1619328
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619328
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619328
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619328
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619328
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619328
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619328
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619328
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619328
2-Propanol	67-63-0	60.10	1.25	3.07	2.33	5.73		1	WG1619328
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619328
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619328
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619328
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.476	3.23		1	WG1619328
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619328
Toluene	108-88-3	92.10	0.500	1.88	2.98	11.2		1	WG1619328
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619328
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619328
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619328
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.744	3.65		1	WG1619328
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.228	1.12		1	WG1619328
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	1.80	8.41		1	WG1619328
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619328
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619328
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND	J3	1	WG1619328
m&p-Xylene	1330-20-7	106	0.400	1.73	1.52	6.59		1	WG1619328
o-Xylene	95-47-6	106	0.200	0.867	0.420	1.82		1	WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*96.6*				WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	14.3	34.0		1	WG1619328
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619328
Benzene	71-43-2	78.10	0.200	0.639	2.50	7.99		1	WG1619328
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619328
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619328
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619328
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619328
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619328
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1619328
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619328
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619328
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619328
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619328
Chloromethane	74-87-3	50.50	0.200	0.413	0.255	0.527		1	WG1619328
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619328
Cyclohexane	110-82-7	84.20	0.200	0.689	1.61	5.54		1	WG1619328
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619328
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619328
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619328
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619328
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	0.316	1.90		1	WG1619328
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619328
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619328
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619328
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619328
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619328
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619328
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619328
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619328
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619328
Ethanol	64-17-5	46.10	0.630	1.19	20.9	39.4		1	WG1619328
Ethylbenzene	100-41-4	106	0.200	0.867	0.536	2.32		1	WG1619328
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619328
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1619328
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.416	2.06		1	WG1619328
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619328
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619328
Heptane	142-82-5	100	0.200	0.818	2.53	10.3		1	WG1619328
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619328
n-Hexane	110-54-3	86.20	0.630	2.22	8.52	30.0		1	WG1619328
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619328
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.399	1.39		1	WG1619328
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619328
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	1.28	3.77		1	WG1619328
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619328
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619328
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619328
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619328
2-Propanol	67-63-0	60.10	1.25	3.07	3.46	8.50		1	WG1619328
Propene	115-07-1	42.10	0.400	0.689	1.08	1.86		1	WG1619328
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619328
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619328
Tetrachloroethylene	127-18-4	166	0.200	1.36	1.15	7.81		1	WG1619328
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619328
Toluene	108-88-3	92.10	0.500	1.88	4.54	17.1		1	WG1619328
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	0.286	1.56		1	WG1619328
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619328
Trichloroethylene	79-01-6	131	0.200	1.07	1.19	6.38		1	WG1619328
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.791	3.88		1	WG1619328
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.277	1.36		1	WG1619328
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	3.37	15.7		1	WG1619328
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619328
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619328
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND	J3	1	WG1619328
m&p-Xylene	1330-20-7	106	0.400	1.73	1.85	8.02		1	WG1619328
o-Xylene	95-47-6	106	0.200	0.867	0.491	2.13		1	WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*95.3*				WG1619328

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	8.98	21.3		1	WG1619328
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619328
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619328
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619328
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619328
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619328
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619328
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619328
Carbon disulfide	75-15-0	76.10	0.200	0.622	4.18	13.0		1	WG1619328
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619328
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619328
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619328
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619328
Chloromethane	74-87-3	50.50	0.200	0.413	0.360	0.744		1	WG1619328
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619328
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619328
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619328
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619328
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619328
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619328
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619328
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619328
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619328
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619328
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619328
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619328
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619328
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619328
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619328
1,4-Dioxane	123-91-1	88.10	0.200	0.721	0.213	0.767		1	WG1619328
Ethanol	64-17-5	46.10	0.630	1.19	6.82	12.9		1	WG1619328
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619328
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619328
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.225	1.26		1	WG1619328
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.339	1.68		1	WG1619328
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619328
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619328
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619328
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619328
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619328
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619328
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619328
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619328
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	1.67	4.92		1	WG1619328
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619328
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619328
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619328
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619328
2-Propanol	67-63-0	60.10	1.25	3.07	1.55	3.81		1	WG1619328
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619328
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619328
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619328
Tetrachloroethylene	127-18-4	166	0.200	1.36	1.19	8.08		1	WG1619328
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619328
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619328
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	0.657	3.57		1	WG1619328
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619328
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619328
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619328
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619328
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619328
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619328
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619328
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND	J3	1	WG1619328
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619328
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*95.1*				WG1619328

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	17.5	41.6		1	WG1619328
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619328
Benzene	71-43-2	78.10	0.200	0.639	0.281	0.898		1	WG1619328
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619328
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619328
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619328
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619328
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619328
Carbon disulfide	75-15-0	76.10	0.200	0.622	1.96	6.10		1	WG1619328
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619328
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619328
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619328
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619328
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619328
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619328
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619328
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619328
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619328
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619328
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619328
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619328
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619328
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619328
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619328
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619328
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619328
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619328
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619328
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619328
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619328
Ethanol	64-17-5	46.10	0.630	1.19	12.7	23.9		1	WG1619328
Ethylbenzene	100-41-4	106	0.200	0.867	0.218	0.945		1	WG1619328
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619328
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.506	2.84		1	WG1619328
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.392	1.94		1	WG1619328
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619328
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619328
Heptane	142-82-5	100	0.200	0.818	0.240	0.982		1	WG1619328
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619328
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619328
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619328
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619328
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619328
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619328
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619328
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619328
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619328
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619328
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619328
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619328
Styrene	100-42-5	104	0.200	0.851	0.209	0.889		1	WG1619328
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619328
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1619328
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619328
Toluene	108-88-3	92.10	0.500	1.88	4.06	15.3		1	WG1619328
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619328
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619328
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619328
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.331	1.62		1	WG1619328
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619328
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.254	1.19		1	WG1619328
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619328
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619328
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND	J3	1	WG1619328
m&p-Xylene	1330-20-7	106	0.400	1.73	0.750	3.25		1	WG1619328
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*95.3*				WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	4.30	10.2		1	WG1619328
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619328
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619328
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619328
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619328
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619328
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619328
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619328
Carbon disulfide	75-15-0	76.10	0.200	0.622	2.05	6.38		1	WG1619328
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619328
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619328
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619328
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619328
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619328
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619328
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619328
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619328
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619328
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619328
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619328
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619328
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619328
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619328
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619328
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619328
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619328
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619328
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619328
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619328
1,4-Dioxane	123-91-1	88.10	0.200	0.721	0.210	0.757		1	WG1619328
Ethanol	64-17-5	46.10	0.630	1.19	10.9	20.6		1	WG1619328
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619328
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619328
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.658	3.70		1	WG1619328
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.381	1.88		1	WG1619328
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619328
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619328
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619328
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619328
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619328
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619328
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619328
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619328
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619328
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619328
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619328
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619328
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619328
2-Propanol	67-63-0	60.10	1.25	3.07	1.33	3.27		1	WG1619328
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619328
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619328
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619328
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1619328
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619328
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619328
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619328
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619328
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619328
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619328
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619328
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619328
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619328
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619328
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND	J3	1	WG1619328
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619328
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*95.7*				WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	1.82	4.32		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	3.42	10.6		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	9.69	18.3		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.229	1.29		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.286	1.41		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.922	6.26		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	0.661	2.49		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.353	1.65		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	2.46	5.85		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.575	1.79		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	6.09	11.5		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.314	1.76		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.361	1.79		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	1.02	6.93		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	1.90	4.51		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.979	3.05		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	5.29	9.97		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.309	1.74		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.345	1.71		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	1.03	6.99		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*103*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	3.10	7.37		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	2.13	6.63		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	0.261	0.899		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	9.54	18.0		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.377	1.86		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.253	1.72		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*105*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	12.7	30.2		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	2.38	7.41		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	1.58	7.69		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	3.20	6.61		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	1.02	3.68		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	18.7	35.3		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.208	1.17		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.341	1.69		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.89	8.52		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	1.80	4.42		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.386	2.62		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	2.00	5.90		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.327	1.60		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*104*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	2.00	4.75		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.989	3.08		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	0.211	0.727		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	5.59	10.5		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.339	1.68		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.278	1.89		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.255	1.25		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	7.50	17.8		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	1.57	4.89		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	4.47	15.4		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	16.3	30.7		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.236	1.33		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.427	2.11		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	1.63	4.01		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	5.30	36.0		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.286	1.40		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*104*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	3.86	9.17		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	1.61	5.01		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	8.44	15.9		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.370	2.08		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.434	2.15		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	10.8	73.3		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*104*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	6.48	15.4		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	3.38	10.5		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	0.739	2.66		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	27.9	52.6		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	ND	ND		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	1.50	4.42		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	2.44	6.00		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.221	1.03		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*108*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	ND	ND		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	2.36	7.54		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	2.44	7.59		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	9.23	31.8		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	1.87	7.50		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	0.275	1.09		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	2.88	5.43		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	ND	ND		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	4.10	14.5		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	5.01	27.3		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.486	2.39		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	39.9	186		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	70.6	180		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*103*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	1.98	4.71		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	0.282	0.901		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	0.510	1.05		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	5.42	10.2		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.206	1.16		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.453	2.24		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*103*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	6.40	15.2		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	1.33	4.25		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	14.4	44.8		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	5.79	19.9		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	3.61	6.81		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.552	3.10		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.358	1.77		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	5.44	22.2		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	36.0	127		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619439
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	1.69	6.37		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	5.83	27.2		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	0.492	2.13		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.1*				WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	16.5	39.2		1	WG1619439
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619439
Benzene	71-43-2	78.10	0.200	0.639	2.76	8.82		1	WG1619439
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619439
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619439
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619439
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619439
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619439
Carbon disulfide	75-15-0	76.10	0.200	0.622	8.94	27.8		1	WG1619439
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619439
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619439
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619439
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619439
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619439
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619439
Cyclohexane	110-82-7	84.20	0.200	0.689	21.2	73.0		1	WG1619439
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619439
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619439
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619439
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619439
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619439
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619439
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619439
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619439
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619439
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619439
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619439
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619439
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619439
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619439
Ethanol	64-17-5	46.10	0.630	1.19	6.14	11.6		1	WG1619439
Ethylbenzene	100-41-4	106	0.200	0.867	0.201	0.871		1	WG1619439
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619439
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1619439
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	ND	ND		1	WG1619439
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619439
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619439
Heptane	142-82-5	100	0.200	0.818	4.81	19.7		1	WG1619439
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619439
n-Hexane	110-54-3	86.20	0.630	2.22	9.83	34.7		1	WG1619439
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619439
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619439
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619439
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	1.81	5.34		1	WG1619439
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619439
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619439
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619439
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619439
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619439
Propene	115-07-1	42.10	0.400	0.689	1.36	2.34		1	WG1620666
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619439
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619439
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1619439
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619439
Toluene	108-88-3	92.10	0.500	1.88	2.21	8.32		1	WG1619439
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619439

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619439
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619439
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619439
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619439
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619439
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619439
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619439
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619439
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1619439
m&p-Xylene	1330-20-7	106	0.400	1.73	0.596	2.58		1	WG1619439
o-Xylene	95-47-6	106	0.200	0.867	0.373	1.62		1	WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*108*				WG1619439
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*85.8*				WG1620044
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*93.9*				WG1620666

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	22.9	54.4		1	WG1619328
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619328
Benzene	71-43-2	78.10	0.200	0.639	0.224	0.716		1	WG1619328
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619328
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619328
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619328
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619328
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619328
Carbon disulfide	75-15-0	76.10	0.200	0.622	4.13	12.9		1	WG1619328
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619328
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619328
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619328
Chloroform	67-66-3	119	0.200	0.973	1.76	8.57		1	WG1619328
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619328
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619328
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1619328
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619328
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619328
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619328
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619328
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619328
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619328
1,1-Dichloroethane	75-34-3	98	0.200	0.802	0.964	3.86		1	WG1619328
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619328
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619328
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619328
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619328
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619328
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619328
1,4-Dioxane	123-91-1	88.10	0.200	0.721	0.574	2.07		1	WG1619328
Ethanol	64-17-5	46.10	0.630	1.19	119	224	E	1	WG1619328
Ethylbenzene	100-41-4	106	0.200	0.867	0.249	1.08		1	WG1619328
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619328
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1619328
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.237	1.17		1	WG1619328
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619328
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619328
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619328
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619328
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619328
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619328
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619328
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619328
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.07	6.10		1	WG1619328
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619328
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619328
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619328
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619328
2-Propanol	67-63-0	60.10	1.25	3.07	18.9	46.5		1	WG1619328
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619328
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619328
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619328
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1619328
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619328
Toluene	108-88-3	92.10	0.500	1.88	0.942	3.55		1	WG1619328
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	13.9	75.6		1	WG1619328
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619328
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619328
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.697	3.42		1	WG1619328
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.277	1.36		1	WG1619328
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619328
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619328
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619328
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND	J3	1	WG1619328
m&p-Xylene	1330-20-7	106	0.400	1.73	0.826	3.58		1	WG1619328
o-Xylene	95-47-6	106	0.200	0.867	0.230	0.997		1	WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*95.7*				WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	35.1	83.4		1	WG1619328
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619328
Benzene	71-43-2	78.10	0.200	0.639	2.20	7.03		1	WG1619328
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619328
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619328
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619328
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619328
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619328
Carbon disulfide	75-15-0	76.10	0.200	0.622	2.46	7.66		1	WG1619328
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619328
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619328
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619328
Chloroform	67-66-3	119	0.200	0.973	6.93	33.7		1	WG1619328
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619328
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619328
Cyclohexane	110-82-7	84.20	0.200	0.689	2.83	9.75		1	WG1619328
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619328
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619328
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619328
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619328
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619328
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619328
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619328
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619328
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619328
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619328
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619328
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619328
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619328
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619328
Ethanol	64-17-5	46.10	0.630	1.19	22.5	42.4		1	WG1619328
Ethylbenzene	100-41-4	106	0.200	0.867	0.527	2.28		1	WG1619328
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.207	1.02		1	WG1619328
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.466	2.62		1	WG1619328
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.451	2.23		1	WG1619328
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619328
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619328
Heptane	142-82-5	100	0.200	0.818	2.47	10.1		1	WG1619328
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619328
n-Hexane	110-54-3	86.20	0.630	2.22	7.89	27.8		1	WG1619328
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619328
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.203	0.705		1	WG1619328
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619328
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619328
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619328
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619328
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619328
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619328
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619328
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619328
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619328
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619328
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.223	1.51		1	WG1619328
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619328
Toluene	108-88-3	92.10	0.500	1.88	6.11	23.0		1	WG1619328
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619328
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619328
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619328
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.807	3.96		1	WG1619328
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.281	1.38		1	WG1619328
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	2.94	13.7		1	WG1619328
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619328
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619328
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND	J3	1	WG1619328
m&p-Xylene	1330-20-7	106	0.400	1.73	1.87	8.11		1	WG1619328
o-Xylene	95-47-6	106	0.200	0.867	0.493	2.14		1	WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*94.8*				WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	5.61	13.3		1	WG1619328
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619328
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619328
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619328
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619328
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619328
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619328
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619328
Carbon disulfide	75-15-0	76.10	0.200	0.622	2.18	6.79		1	WG1619328
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619328
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619328
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619328
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619328
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1619328
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619328
Cyclohexane	110-82-7	84.20	0.200	0.689	1.94	6.68		1	WG1619328
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619328
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619328
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619328
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619328
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619328
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619328
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619328
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619328
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619328
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619328
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619328
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619328
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619328
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1619328
Ethanol	64-17-5	46.10	0.630	1.19	16.5	31.1		1	WG1619328
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619328
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619328
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.955	5.37		1	WG1619328
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.503	2.49		1	WG1619328
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619328
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619328
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619328
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619328
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619328
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619328
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619328
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619328
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	ND	ND		1	WG1619328
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619328
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619328
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619328
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619328
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1619328
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1619328
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619328
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619328
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.417	2.83		1	WG1619328
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1619328
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619328
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1619328
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619328
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619328
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.234	1.15		1	WG1619328
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619328
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619328
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619328
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619328
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND	J3	1	WG1619328
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619328
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*94.8*				WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	12.7	30.2		1	WG1619328
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1619328
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1619328
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1619328
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1619328
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1619328
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1619328
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1619328
Carbon disulfide	75-15-0	76.10	0.200	0.622	1.31	4.08		1	WG1619328
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1619328
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1619328
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1619328
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1619328
Chloromethane	74-87-3	50.50	0.200	0.413	0.235	0.485		1	WG1619328
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1619328
Cyclohexane	110-82-7	84.20	0.200	0.689	1.79	6.16		1	WG1619328
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1619328
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1619328
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1619328
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1619328
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1619328
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1619328
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1619328
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1619328
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1619328
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1619328
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1619328
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1619328
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1619328
1,4-Dioxane	123-91-1	88.10	0.200	0.721	1.74	6.27		1	WG1619328
Ethanol	64-17-5	46.10	0.630	1.19	25.1	47.3		1	WG1619328
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1619328
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1619328
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	8.09	45.5		1	WG1619328
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	6.34	31.4		1	WG1619328
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1619328
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1619328
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1619328
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1619328
n-Hexane	110-54-3	86.20	0.630	2.22	ND	ND		1	WG1619328
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1619328
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1619328
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1619328
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	6.51	19.2		1	WG1619328
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1619328
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1619328
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1619328
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1619328
2-Propanol	67-63-0	60.10	1.25	3.07	10.8	26.5		1	WG1619328
Propene	115-07-1	42.10	0.400	0.689	0.471	0.811		1	WG1619328
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1619328
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1619328
Tetrachloroethylene	127-18-4	166	0.200	1.36	3.01	20.4		1	WG1619328
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	1.07	3.16		1	WG1619328
Toluene	108-88-3	92.10	0.500	1.88	ND	ND		1	WG1619328
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1619328

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	0.594	3.23		1	WG1619328
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1619328
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1619328
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1619328
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1619328
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1619328
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1619328
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1619328
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND	J3	1	WG1619328
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1619328
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1619328
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*94.5*				WG1619328

Method Blank (MB)

(MB) R3621616-3 02/10/21 11:29

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.584	1.25
Allyl Chloride	U		0.114	0.200
Benzene	U		0.0715	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0702	0.200
Bromoform	U		0.0732	0.600
Bromomethane	U		0.0982	0.200
1,3-Butadiene	U		0.104	2.00
Carbon disulfide	U		0.102	0.200
Carbon tetrachloride	U		0.0732	0.200
Chlorobenzene	U		0.0832	0.200
Chloroethane	U		0.0996	0.200
Chloroform	U		0.0717	0.200
Chloromethane	U		0.103	0.200
2-Chlorotoluene	U		0.0828	0.200
Cyclohexane	U		0.0753	0.200
Dibromochloromethane	U		0.0727	0.200
1,2-Dibromoethane	U		0.0721	0.200
1,2-Dichlorobenzene	U		0.128	0.200
1,3-Dichlorobenzene	U		0.182	0.200
1,4-Dichlorobenzene	0.0781	J	0.0557	0.200
1,2-Dichloroethane	U		0.0700	0.200
1,1-Dichloroethane	U		0.0723	0.200
1,1-Dichloroethene	U		0.0762	0.200
cis-1,2-Dichloroethene	U		0.0784	0.200
trans-1,2-Dichloroethene	U		0.0673	0.200
1,2-Dichloropropane	U		0.0760	0.200
cis-1,3-Dichloropropene	U		0.0689	0.200
trans-1,3-Dichloropropene	U		0.0728	0.200
1,4-Dioxane	U		0.0833	0.200
Ethylbenzene	U		0.0835	0.200
4-Ethyltoluene	U		0.0783	0.200
Trichlorofluoromethane	U		0.0819	0.200
Dichlorodifluoromethane	U		0.137	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.200
1,2-Dichlorotetrafluoroethane	U		0.0890	0.200
Heptane	U		0.104	0.200
Hexachloro-1,3-butadiene	U		0.105	0.630
n-Hexane	U		0.206	0.630
Isopropylbenzene	U		0.0777	0.200

Method Blank (MB)

(MB) R3621616-3 02/10/21 11:29

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0979	0.200
Methyl Butyl Ketone	U		0.133	1.25
2-Butanone (MEK)	U		0.0814	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0765	1.25
Methyl Methacrylate	U		0.0876	0.200
MTBE	U		0.0647	0.200
Naphthalene	U		0.350	0.630
2-Propanol	U		0.264	1.25
Propene	0.104	J	0.0932	0.400
Styrene	U		0.0788	0.200
1,1,2,2-Tetrachloroethane	U		0.0743	0.200
Tetrachloroethylene	U		0.0814	0.200
Tetrahydrofuran	U		0.0734	0.200
Toluene	0.146	J	0.0870	0.500
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0736	0.200
1,1,2-Trichloroethane	U		0.0775	0.200
Trichloroethylene	U		0.0680	0.200
1,2,4-Trimethylbenzene	U		0.0764	0.200
1,3,5-Trimethylbenzene	U		0.0779	0.200
2,2,4-Trimethylpentane	U		0.133	0.200
Vinyl chloride	U		0.0949	0.200
Vinyl Bromide	U		0.0852	0.200
Vinyl acetate	U		0.116	0.200
m&p-Xylene	U		0.135	0.400
o-Xylene	U		0.0828	0.200
Ethanol	0.434	J	0.265	0.630
(S) 1,4-Bromofluorobenzene	*91.8*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621616-1 02/10/21 08:57 • (LCSD) R3621616-2 02/10/21 09:38

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	3.32	3.00	88.5	80.0	55.0-148			10.1	25
Propene	3.75	2.74	2.72	73.1	72.5	64.0-144			0.733	25
Dichlorodifluoromethane	3.75	3.84	3.84	102	102	64.0-139			0.000	25
1,2-Dichlorotetrafluoroethane	3.75	3.80	3.74	101	99.7	70.0-130			1.59	25
Chloromethane	3.75	3.17	3.10	84.5	82.7	70.0-130			2.23	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621616-1 02/10/21 08:57 • (LCSD) R3621616-2 02/10/21 09:38

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Vinyl chloride	3.75	3.28	3.25	87.5	86.7	70.0-130			0.919	25
1,3-Butadiene	3.75	3.09	3.12	82.4	83.2	70.0-130			0.966	25
Bromomethane	3.75	3.83	3.76	102	100	70.0-130			1.84	25
Chloroethane	3.75	3.39	3.38	90.4	90.1	70.0-130			0.295	25
Trichlorofluoromethane	3.75	4.03	4.04	107	108	70.0-130			0.248	25
1,1,2-Trichlorotrifluoroethane	3.75	3.90	3.89	104	104	70.0-130			0.257	25
1,1-Dichloroethene	3.75	3.53	3.41	94.1	90.9	70.0-130			3.46	25
1,1-Dichloroethane	3.75	3.55	3.44	94.7	91.7	70.0-130			3.15	25
Acetone	3.75	3.32	3.29	88.5	87.7	70.0-130			0.908	25
2-Propanol	3.75	3.22	3.13	85.9	83.5	70.0-139			2.83	25
Carbon disulfide	3.75	3.48	3.47	92.8	92.5	70.0-130			0.288	25
Methylene Chloride	3.75	3.20	3.17	85.3	84.5	70.0-130			0.942	25
MTBE	3.75	3.72	3.66	99.2	97.6	70.0-130			1.63	25
trans-1,2-Dichloroethene	3.75	3.47	3.42	92.5	91.2	70.0-130			1.45	25
n-Hexane	3.75	3.33	3.28	88.8	87.5	70.0-130			1.51	25
Vinyl acetate	3.75	2.81	2.96	74.9	78.9	70.0-130			5.20	25
Methyl Ethyl Ketone	3.75	3.58	3.63	95.5	96.8	70.0-130			1.39	25
cis-1,2-Dichloroethene	3.75	3.52	3.51	93.9	93.6	70.0-130			0.284	25
Chloroform	3.75	3.79	3.77	101	101	70.0-130			0.529	25
Cyclohexane	3.75	3.78	3.70	101	98.7	70.0-130			2.14	25
1,1,1-Trichloroethane	3.75	4.02	4.04	107	108	70.0-130			0.496	25
Carbon tetrachloride	3.75	4.23	4.15	113	111	70.0-130			1.91	25
Benzene	3.75	3.71	3.70	98.9	98.7	70.0-130			0.270	25
1,2-Dichloroethane	3.75	3.94	3.90	105	104	70.0-130			1.02	25
Heptane	3.75	2.73	2.75	72.8	73.3	70.0-130			0.730	25
Trichloroethylene	3.75	4.00	4.07	107	109	70.0-130			1.73	25
1,2-Dichloropropane	3.75	3.43	3.44	91.5	91.7	70.0-130			0.291	25
1,4-Dioxane	3.75	3.72	3.71	99.2	98.9	70.0-140			0.269	25
Bromodichloromethane	3.75	3.93	3.97	105	106	70.0-130			1.01	25
cis-1,3-Dichloropropene	3.75	3.81	3.81	102	102	70.0-130			0.000	25
4-Methyl-2-pentanone (MIBK)	3.75	3.24	3.24	86.4	86.4	70.0-139			0.000	25
Toluene	3.75	4.01	3.99	107	106	70.0-130			0.500	25
trans-1,3-Dichloropropene	3.75	3.87	3.94	103	105	70.0-130			1.79	25
1,1,2-Trichloroethane	3.75	3.96	3.96	106	106	70.0-130			0.000	25
Tetrachloroethylene	3.75	4.58	4.47	122	119	70.0-130			2.43	25
Methyl Butyl Ketone	3.75	3.26	3.24	86.9	86.4	70.0-149			0.615	25
Dibromochloromethane	3.75	4.35	4.42	116	118	70.0-130			1.60	25
1,2-Dibromoethane	3.75	4.25	4.27	113	114	70.0-130			0.469	25
Chlorobenzene	3.75	4.20	4.18	112	111	70.0-130			0.477	25
Ethylbenzene	3.75	3.91	4.00	104	107	70.0-130			2.28	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621616-1 02/10/21 08:57 • (LCSD) R3621616-2 02/10/21 09:38

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
m&p-Xylene	7.50	7.97	8.09	106	108	70.0-130			1.49	25
o-Xylene	3.75	3.92	4.04	105	108	70.0-130			3.02	25
Styrene	3.75	4.15	4.22	111	113	70.0-130			1.67	25
Bromoform	3.75	4.65	4.72	124	126	70.0-130			1.49	25
1,1,2,2-Tetrachloroethane	3.75	3.85	3.93	103	105	70.0-130			2.06	25
4-Ethyltoluene	3.75	4.38	4.30	117	115	70.0-130			1.84	25
1,3,5-Trimethylbenzene	3.75	4.31	4.45	115	119	70.0-130			3.20	25
1,2,4-Trimethylbenzene	3.75	4.33	4.37	115	117	70.0-130			0.920	25
1,3-Dichlorobenzene	3.75	4.73	4.85	126	129	70.0-130			2.51	25
1,4-Dichlorobenzene	3.75	4.75	4.88	127	130	70.0-130			2.70	25
Benzyl Chloride	3.75	4.49	4.65	120	124	70.0-152			3.50	25
1,2-Dichlorobenzene	3.75	4.64	4.74	124	126	70.0-130			2.13	25
1,2,4-Trichlorobenzene	3.75	4.12	4.20	110	112	70.0-160			1.92	25
Hexachloro-1,3-butadiene	3.75	4.95	4.98	132	133	70.0-151			0.604	25
Naphthalene	3.75	3.92	4.03	105	107	70.0-159			2.77	25
Allyl Chloride	3.75	3.64	3.58	97.1	95.5	70.0-130			1.66	25
2-Chlorotoluene	3.75	4.07	4.19	109	112	70.0-130			2.91	25
Methyl Methacrylate	3.75	3.66	3.68	97.6	98.1	70.0-130			0.545	25
Tetrahydrofuran	3.75	3.21	3.12	85.6	83.2	70.0-137			2.84	25
2,2,4-Trimethylpentane	3.75	3.39	3.33	90.4	88.8	70.0-130			1.79	25
Vinyl Bromide	3.75	3.85	3.87	103	103	70.0-130			0.518	25
Isopropylbenzene	3.75	4.14	4.19	110	112	70.0-130			1.20	25
(S) 1,4-Bromofluorobenzene				*94.6*	*96.6*	*60.0-140*				

Method Blank (MB)

(MB) R3621534-1 02/10/21 10:12

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.584	1.25
Allyl Chloride	U		0.114	0.200
Benzene	U		0.0715	0.200
Benzyl Chloride	0.0604	J	0.0598	0.200
Bromodichloromethane	U		0.0702	0.200
Bromoform	U		0.0732	0.600
Bromomethane	U		0.0982	0.200
1,3-Butadiene	U		0.104	2.00
Carbon disulfide	U		0.102	0.200
Carbon tetrachloride	U		0.0732	0.200
Chlorobenzene	U		0.0832	0.200
Chloroethane	U		0.0996	0.200
Chloroform	U		0.0717	0.200
Chloromethane	U		0.103	0.200
2-Chlorotoluene	U		0.0828	0.200
Cyclohexane	U		0.0753	0.200
Dibromochloromethane	U		0.0727	0.200
1,2-Dibromoethane	U		0.0721	0.200
1,2-Dichlorobenzene	U		0.128	0.200
1,3-Dichlorobenzene	U		0.182	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0700	0.200
1,1-Dichloroethane	U		0.0723	0.200
1,1-Dichloroethene	U		0.0762	0.200
cis-1,2-Dichloroethene	U		0.0784	0.200
trans-1,2-Dichloroethene	U		0.0673	0.200
1,2-Dichloropropane	U		0.0760	0.200
cis-1,3-Dichloropropene	U		0.0689	0.200
trans-1,3-Dichloropropene	U		0.0728	0.200
1,4-Dioxane	U		0.0833	0.200
Ethylbenzene	U		0.0835	0.200
4-Ethyltoluene	U		0.0783	0.200
Trichlorofluoromethane	U		0.0819	0.200
Dichlorodifluoromethane	U		0.137	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.200
1,2-Dichlorotetrafluoroethane	U		0.0890	0.200
Heptane	U		0.104	0.200
Hexachloro-1,3-butadiene	U		0.105	0.630
n-Hexane	U		0.206	0.630
Isopropylbenzene	U		0.0777	0.200

Method Blank (MB)

(MB) R3621534-1 02/10/21 10:12

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0979	0.200
Methyl Butyl Ketone	U		0.133	1.25
2-Butanone (MEK)	U		0.0814	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0765	1.25
Methyl Methacrylate	U		0.0876	0.200
MTBE	U		0.0647	0.200
Naphthalene	U		0.350	0.630
2-Propanol	U		0.264	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0788	0.200
1,1,2,2-Tetrachloroethane	U		0.0743	0.200
Tetrachloroethylene	U		0.0814	0.200
Tetrahydrofuran	U		0.0734	0.200
Toluene	U		0.0870	0.500
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0736	0.200
1,1,2-Trichloroethane	U		0.0775	0.200
Trichloroethylene	U		0.0680	0.200
1,2,4-Trimethylbenzene	U		0.0764	0.200
1,3,5-Trimethylbenzene	U		0.0779	0.200
2,2,4-Trimethylpentane	U		0.133	0.200
Vinyl chloride	U		0.0949	0.200
Vinyl Bromide	U		0.0852	0.200
Vinyl acetate	U		0.116	0.200
m&p-Xylene	U		0.135	0.400
o-Xylene	U		0.0828	0.200
Ethanol	U		0.265	0.630
(S) 1,4-Bromofluorobenzene	*95.4*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621534-2 02/10/21 11:11 • (LCSD) R3621534-3 02/10/21 11:51

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	3.17	3.24	84.5	86.4	55.0-148			2.18	25
Propene	3.75	3.64	3.60	97.1	96.0	64.0-144			1.10	25
Dichlorodifluoromethane	3.75	3.82	3.79	102	101	64.0-139			0.788	25
1,2-Dichlorotetrafluoroethane	3.75	3.82	3.80	102	101	70.0-130			0.525	25
Chloromethane	3.75	3.70	3.68	98.7	98.1	70.0-130			0.542	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621534-2 02/10/21 11:11 • (LCSD) R3621534-3 02/10/21 11:51

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Vinyl chloride	3.75	3.78	3.83	101	102	70.0-130			1.31	25
1,3-Butadiene	3.75	3.76	3.84	100	102	70.0-130			2.11	25
Bromomethane	3.75	3.50	3.56	93.3	94.9	70.0-130			1.70	25
Chloroethane	3.75	3.39	3.32	90.4	88.5	70.0-130			2.09	25
Trichlorofluoromethane	3.75	3.63	3.65	96.8	97.3	70.0-130			0.549	25
1,1,2-Trichlorotrifluoroethane	3.75	3.79	3.77	101	101	70.0-130			0.529	25
1,1-Dichloroethene	3.75	3.79	3.78	101	101	70.0-130			0.264	25
1,1-Dichloroethane	3.75	3.81	3.80	102	101	70.0-130			0.263	25
Acetone	3.75	3.76	3.74	100	99.7	70.0-130			0.533	25
2-Propanol	3.75	3.99	4.02	106	107	70.0-139			0.749	25
Carbon disulfide	3.75	3.90	3.90	104	104	70.0-130			0.000	25
Methylene Chloride	3.75	3.70	3.71	98.7	98.9	70.0-130			0.270	25
MTBE	3.75	3.97	3.99	106	106	70.0-130			0.503	25
trans-1,2-Dichloroethene	3.75	3.83	3.84	102	102	70.0-130			0.261	25
n-Hexane	3.75	3.98	3.94	106	105	70.0-130			1.01	25
Vinyl acetate	3.75	3.19	4.27	85.1	114	70.0-130		J3	29.0	25
Methyl Ethyl Ketone	3.75	3.98	3.97	106	106	70.0-130			0.252	25
cis-1,2-Dichloroethene	3.75	3.84	3.89	102	104	70.0-130			1.29	25
Chloroform	3.75	3.84	3.84	102	102	70.0-130			0.000	25
Cyclohexane	3.75	4.05	4.02	108	107	70.0-130			0.743	25
1,1,1-Trichloroethane	3.75	3.80	3.79	101	101	70.0-130			0.264	25
Carbon tetrachloride	3.75	3.78	3.78	101	101	70.0-130			0.000	25
Benzene	3.75	3.85	3.84	103	102	70.0-130			0.260	25
1,2-Dichloroethane	3.75	3.83	3.76	102	100	70.0-130			1.84	25
Heptane	3.75	3.99	3.96	106	106	70.0-130			0.755	25
Trichloroethylene	3.75	3.85	3.78	103	101	70.0-130			1.83	25
1,2-Dichloropropane	3.75	3.84	3.78	102	101	70.0-130			1.57	25
1,4-Dioxane	3.75	4.48	4.06	119	108	70.0-140			9.84	25
Bromodichloromethane	3.75	3.78	3.75	101	100	70.0-130			0.797	25
cis-1,3-Dichloropropene	3.75	3.89	3.91	104	104	70.0-130			0.513	25
4-Methyl-2-pentanone (MIBK)	3.75	4.05	4.06	108	108	70.0-139			0.247	25
Toluene	3.75	3.93	3.93	105	105	70.0-130			0.000	25
trans-1,3-Dichloropropene	3.75	3.86	3.85	103	103	70.0-130			0.259	25
1,1,2-Trichloroethane	3.75	3.84	3.82	102	102	70.0-130			0.522	25
Tetrachloroethylene	3.75	3.80	3.77	101	101	70.0-130			0.793	25
Methyl Butyl Ketone	3.75	4.34	3.40	116	90.7	70.0-149			24.3	25
Dibromochloromethane	3.75	3.76	3.75	100	100	70.0-130			0.266	25
1,2-Dibromoethane	3.75	3.89	3.86	104	103	70.0-130			0.774	25
Chlorobenzene	3.75	3.81	3.81	102	102	70.0-130			0.000	25
Ethylbenzene	3.75	4.24	4.25	113	113	70.0-130			0.236	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621534-2 02/10/21 11:11 • (LCSD) R3621534-3 02/10/21 11:51

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
m&p-Xylene	7.50	8.74	8.71	117	116	70.0-130			0.344	25
o-Xylene	3.75	4.27	4.26	114	114	70.0-130			0.234	25
Styrene	3.75	4.34	4.35	116	116	70.0-130			0.230	25
Bromoform	3.75	3.78	3.79	101	101	70.0-130			0.264	25
1,1,2,2-Tetrachloroethane	3.75	4.14	4.10	110	109	70.0-130			0.971	25
4-Ethyltoluene	3.75	4.52	4.45	121	119	70.0-130			1.56	25
1,3,5-Trimethylbenzene	3.75	4.41	4.36	118	116	70.0-130			1.14	25
1,2,4-Trimethylbenzene	3.75	4.50	4.45	120	119	70.0-130			1.12	25
1,3-Dichlorobenzene	3.75	4.11	4.11	110	110	70.0-130			0.000	25
1,4-Dichlorobenzene	3.75	4.10	4.10	109	109	70.0-130			0.000	25
Benzyl Chloride	3.75	4.50	4.47	120	119	70.0-152			0.669	25
1,2-Dichlorobenzene	3.75	4.13	4.12	110	110	70.0-130			0.242	25
1,2,4-Trichlorobenzene	3.75	4.10	4.01	109	107	70.0-160			2.22	25
Hexachloro-1,3-butadiene	3.75	4.00	3.95	107	105	70.0-151			1.26	25
Naphthalene	3.75	4.02	4.17	107	111	70.0-159			3.66	25
Allyl Chloride	3.75	3.73	3.71	99.5	98.9	70.0-130			0.538	25
2-Chlorotoluene	3.75	4.28	4.29	114	114	70.0-130			0.233	25
Methyl Methacrylate	3.75	3.98	4.00	106	107	70.0-130			0.501	25
Tetrahydrofuran	3.75	3.87	3.95	103	105	70.0-137			2.05	25
2,2,4-Trimethylpentane	3.75	3.99	4.00	106	107	70.0-130			0.250	25
Vinyl Bromide	3.75	3.63	3.64	96.8	97.1	70.0-130			0.275	25
Isopropylbenzene	3.75	4.41	4.33	118	115	70.0-130			1.83	25
(S) 1,4-Bromofluorobenzene				*95.5*	*94.7*	*60.0-140*				

Method Blank (MB)

(MB) R3621501-3 02/10/21 13:46

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.584	1.25
Allyl Chloride	U		0.114	0.200
Benzene	U		0.0715	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0702	0.200
Bromoform	U		0.0732	0.600
Bromomethane	U		0.0982	0.200
1,3-Butadiene	U		0.104	2.00
Carbon disulfide	U		0.102	0.200
Carbon tetrachloride	U		0.0732	0.200
Chlorobenzene	U		0.0832	0.200
Chloroethane	U		0.0996	0.200
Chloroform	U		0.0717	0.200
Chloromethane	U		0.103	0.200
2-Chlorotoluene	U		0.0828	0.200
Cyclohexane	U		0.0753	0.200
Dibromochloromethane	U		0.0727	0.200
1,2-Dibromoethane	U		0.0721	0.200
1,2-Dichlorobenzene	U		0.128	0.200
1,3-Dichlorobenzene	U		0.182	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0700	0.200
1,1-Dichloroethane	U		0.0723	0.200
1,1-Dichloroethene	U		0.0762	0.200
cis-1,2-Dichloroethene	U		0.0784	0.200
trans-1,2-Dichloroethene	U		0.0673	0.200
1,2-Dichloropropane	U		0.0760	0.200
cis-1,3-Dichloropropene	U		0.0689	0.200
trans-1,3-Dichloropropene	U		0.0728	0.200
1,4-Dioxane	U		0.0833	0.200
Ethylbenzene	U		0.0835	0.200
4-Ethyltoluene	U		0.0783	0.200
Trichlorofluoromethane	U		0.0819	0.200
Dichlorodifluoromethane	U		0.137	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0793	0.200
1,2-Dichlorotetrafluoroethane	U		0.0890	0.200
Heptane	U		0.104	0.200
Hexachloro-1,3-butadiene	U		0.105	0.630
n-Hexane	U		0.206	0.630
Isopropylbenzene	U		0.0777	0.200

Method Blank (MB)

(MB) R3621501-3 02/10/21 13:46

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0979	0.200
Methyl Butyl Ketone	U		0.133	1.25
2-Butanone (MEK)	U		0.0814	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0765	1.25
Methyl Methacrylate	U		0.0876	0.200
MTBE	U		0.0647	0.200
Naphthalene	U		0.350	0.630
2-Propanol	U		0.264	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0788	0.200
1,1,2,2-Tetrachloroethane	U		0.0743	0.200
Tetrachloroethylene	U		0.0814	0.200
Tetrahydrofuran	U		0.0734	0.200
Toluene	U		0.0870	0.500
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0736	0.200
1,1,2-Trichloroethane	U		0.0775	0.200
Trichloroethylene	U		0.0680	0.200
1,2,4-Trimethylbenzene	U		0.0764	0.200
1,3,5-Trimethylbenzene	U		0.0779	0.200
2,2,4-Trimethylpentane	U		0.133	0.200
Vinyl chloride	U		0.0949	0.200
Vinyl Bromide	U		0.0852	0.200
Vinyl acetate	U		0.116	0.200
m&p-Xylene	U		0.135	0.400
o-Xylene	U		0.0828	0.200
Ethanol	U		0.265	0.630
(S) 1,4-Bromofluorobenzene	*103*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621501-1 02/10/21 12:24 • (LCSD) R3621501-2 02/10/21 13:06

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	3.55	3.45	94.7	92.0	55.0-148			2.86	25
Propene	3.75	2.94	2.92	78.4	77.9	64.0-144			0.683	25
Dichlorodifluoromethane	3.75	3.22	3.23	85.9	86.1	64.0-139			0.310	25
1,2-Dichlorotetrafluoroethane	3.75	3.19	3.15	85.1	84.0	70.0-130			1.26	25
Chloromethane	3.75	3.21	3.18	85.6	84.8	70.0-130			0.939	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621501-1 02/10/21 12:24 • (LCSD) R3621501-2 02/10/21 13:06

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Vinyl chloride	3.75	3.21	3.06	85.6	81.6	70.0-130			4.78	25
1,3-Butadiene	3.75	3.11	3.13	82.9	83.5	70.0-130			0.641	25
Bromomethane	3.75	3.22	3.15	85.9	84.0	70.0-130			2.20	25
Chloroethane	3.75	3.22	3.19	85.9	85.1	70.0-130			0.936	25
Trichlorofluoromethane	3.75	3.12	3.09	83.2	82.4	70.0-130			0.966	25
1,1,2-Trichlorotrifluoroethane	3.75	3.16	3.13	84.3	83.5	70.0-130			0.954	25
1,1-Dichloroethene	3.75	3.17	3.15	84.5	84.0	70.0-130			0.633	25
1,1-Dichloroethane	3.75	3.16	3.14	84.3	83.7	70.0-130			0.635	25
Acetone	3.75	3.19	3.12	85.1	83.2	70.0-130			2.22	25
2-Propanol	3.75	3.68	3.69	98.1	98.4	70.0-139			0.271	25
Carbon disulfide	3.75	3.19	3.12	85.1	83.2	70.0-130			2.22	25
Methylene Chloride	3.75	3.18	3.19	84.8	85.1	70.0-130			0.314	25
MTBE	3.75	3.24	3.21	86.4	85.6	70.0-130			0.930	25
trans-1,2-Dichloroethene	3.75	3.20	3.16	85.3	84.3	70.0-130			1.26	25
n-Hexane	3.75	3.14	3.17	83.7	84.5	70.0-130			0.951	25
Vinyl acetate	3.75	3.25	3.19	86.7	85.1	70.0-130			1.86	25
Methyl Ethyl Ketone	3.75	3.42	3.37	91.2	89.9	70.0-130			1.47	25
cis-1,2-Dichloroethene	3.75	3.19	3.18	85.1	84.8	70.0-130			0.314	25
Chloroform	3.75	3.15	3.12	84.0	83.2	70.0-130			0.957	25
Cyclohexane	3.75	3.16	3.13	84.3	83.5	70.0-130			0.954	25
1,1,1-Trichloroethane	3.75	3.17	3.10	84.5	82.7	70.0-130			2.23	25
Carbon tetrachloride	3.75	3.16	3.14	84.3	83.7	70.0-130			0.635	25
Benzene	3.75	3.17	3.18	84.5	84.8	70.0-130			0.315	25
1,2-Dichloroethane	3.75	3.16	3.21	84.3	85.6	70.0-130			1.57	25
Heptane	3.75	3.03	3.00	80.8	80.0	70.0-130			0.995	25
Trichloroethylene	3.75	3.12	3.13	83.2	83.5	70.0-130			0.320	25
1,2-Dichloropropane	3.75	3.23	3.19	86.1	85.1	70.0-130			1.25	25
1,4-Dioxane	3.75	3.73	3.75	99.5	100	70.0-140			0.535	25
Bromodichloromethane	3.75	3.18	3.17	84.8	84.5	70.0-130			0.315	25
cis-1,3-Dichloropropene	3.75	3.17	3.13	84.5	83.5	70.0-130			1.27	25
4-Methyl-2-pentanone (MIBK)	3.75	3.97	3.99	106	106	70.0-139			0.503	25
Toluene	3.75	3.19	3.19	85.1	85.1	70.0-130			0.000	25
trans-1,3-Dichloropropene	3.75	3.14	3.20	83.7	85.3	70.0-130			1.89	25
1,1,2-Trichloroethane	3.75	3.12	3.19	83.2	85.1	70.0-130			2.22	25
Tetrachloroethylene	3.75	3.13	3.14	83.5	83.7	70.0-130			0.319	25
Methyl Butyl Ketone	3.75	3.80	3.91	101	104	70.0-149			2.85	25
Dibromochloromethane	3.75	3.19	3.21	85.1	85.6	70.0-130			0.625	25
1,2-Dibromoethane	3.75	3.20	3.23	85.3	86.1	70.0-130			0.933	25
Chlorobenzene	3.75	3.23	3.22	86.1	85.9	70.0-130			0.310	25
Ethylbenzene	3.75	3.01	2.99	80.3	79.7	70.0-130			0.667	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621501-1 02/10/21 12:24 • (LCSD) R3621501-2 02/10/21 13:06

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
m&p-Xylene	7.50	6.06	6.01	80.8	80.1	70.0-130			0.828	25
o-Xylene	3.75	2.94	2.94	78.4	78.4	70.0-130			0.000	25
Styrene	3.75	3.05	3.04	81.3	81.1	70.0-130			0.328	25
Bromoform	3.75	2.99	2.99	79.7	79.7	70.0-130			0.000	25
1,1,2,2-Tetrachloroethane	3.75	3.06	3.06	81.6	81.6	70.0-130			0.000	25
4-Ethyltoluene	3.75	3.11	3.00	82.9	80.0	70.0-130			3.60	25
1,3,5-Trimethylbenzene	3.75	2.97	3.05	79.2	81.3	70.0-130			2.66	25
1,2,4-Trimethylbenzene	3.75	3.00	3.01	80.0	80.3	70.0-130			0.333	25
1,3-Dichlorobenzene	3.75	3.17	3.16	84.5	84.3	70.0-130			0.316	25
1,4-Dichlorobenzene	3.75	3.22	3.20	85.9	85.3	70.0-130			0.623	25
Benzyl Chloride	3.75	3.34	3.34	89.1	89.1	70.0-152			0.000	25
1,2-Dichlorobenzene	3.75	3.14	3.12	83.7	83.2	70.0-130			0.639	25
1,2,4-Trichlorobenzene	3.75	3.14	3.14	83.7	83.7	70.0-160			0.000	25
Hexachloro-1,3-butadiene	3.75	3.00	3.01	80.0	80.3	70.0-151			0.333	25
Naphthalene	3.75	3.25	3.28	86.7	87.5	70.0-159			0.919	25
Allyl Chloride	3.75	3.30	3.31	88.0	88.3	70.0-130			0.303	25
2-Chlorotoluene	3.75	3.02	3.03	80.5	80.8	70.0-130			0.331	25
Methyl Methacrylate	3.75	3.27	3.28	87.2	87.5	70.0-130			0.305	25
Tetrahydrofuran	3.75	3.34	3.40	89.1	90.7	70.0-137			1.78	25
2,2,4-Trimethylpentane	3.75	3.21	3.16	85.6	84.3	70.0-130			1.57	25
Vinyl Bromide	3.75	3.18	3.15	84.8	84.0	70.0-130			0.948	25
Isopropylbenzene	3.75	3.00	2.98	80.0	79.5	70.0-130			0.669	25
(S) 1,4-Bromofluorobenzene				*106*	*105*	*60.0-140*				

Method Blank (MB)

(MB) R3621738-3 02/11/21 11:25

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Toluene	U		0.0870	0.500
2,2,4-Trimethylpentane	U		0.133	0.200
(S) 1,4-Bromofluorobenzene	*89.8*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3621738-1 02/11/21 08:38 • (LCSD) R3621738-2 02/11/21 09:19

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	3.75	4.11	4.07	110	109	70.0-130			0.978	25
2,2,4-Trimethylpentane	3.75	3.39	3.37	90.4	89.9	70.0-130			0.592	25
(S) 1,4-Bromofluorobenzene				*95.6*	*94.0*	*60.0-140*				

Method Blank (MB)

(MB) R3622318-3 02/12/21 10:42

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Propene	U		0.0932	0.400
(S) 1,4-Bromofluorobenzene	*94.5*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3622318-1 02/12/21 09:22 • (LCSD) R3622318-2 02/12/21 10:02

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Propene	3.75	3.97	4.08	106	109	64.0-144			2.73	25
(S) 1,4-Bromofluorobenzene				*94.2*	*93.7*	*60.0-140*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN, 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

Pace Analytical National 1313 Point Mallard Parkway SE Suite B Decatur, AL, 35601

Alabama	40160
ANSI National Accreditation Board	L2239

Pace Analytical National 660 Bercut Dr. Ste. C Sacramento, CA, 95811

California	2961	Oregon	CA300002
Minnesota	006-999-465	Washington	C926
North Dakota	R-214		

Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV, 89119

Nevada	NV009412021-1

Pace Analytical National 1606 E. Brazos Street Suite D Victoria, TX, 77901

Texas	T104704328-20-18

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Page 1 of 7

Company Name/Address:
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Billing Information:
Attn: Accounts Payable
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Report to: **Brian O'Neal/Bill Haldeman**

Email To: **boneal@pesenv.com, bhaldeman@pesenv.com**

Project Description: **American Linen**

City/State Collected: **Seattle, WA**

Phone: **(206) 529-3980**
Fax: **(206) 529-3985**

Client Project # **1413.001.02.501F**

Lab Project #

Collected by (print): SMCKERNAN

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No __Yes
FAX? ___No ___Yes

Canister Pressure/Vacuum

Analysis: TO-15 Summa

Chain of Custody

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1315322

Table # M094

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Sample Description	Can #	Date	Time	Initial	Final	Rem./Contaminant	Sample # (lab only)
	SV-06-020321	9546	2/3/21	1007	-29	-4		-01
	SV-07-020321	10664		1044	-29	-5		-02
	SV-24-020321	10720		1201	-28	-3.5		-03
	SV-23-020321	7365		1151	-28	-4		-04

Sample Receipt Checklist
COC Seal Present/Intact: ___Y ___N
COC Signed/Accurate: ___Y ___N
Bottles arrive intact: ___Y ___N
Correct bottles used: ___Y ___N
Sufficient volume sent: ___Y ___N
RAD Screen <0.5 mR/hr: ✓Y ___N

If Applicable
VOA Zero Headspace: ___Y ___N
Pres.Correct/Check: ___Y ___N

Remarks: Tracking# 936249438430

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____	Condition: (lab use only)
Chris DeBrun	2/8/21	1330			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: AMB °C Bottles Received: 4	COC Seal Intact: ___Y ___N ✓NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Josh Grzywinski	Date: 2/9/21 Time: 0815	pH Checked: NCF:

Company Name/Address:
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Billing Information:
Attn: Accounts Payable
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Report to: **Brian O'Neal/Bill Haldeman**

Email To: **boneal@pesenv.com, bhaldeman@pesenv.com**

Project Description: **American Linen**

City/State Collected: **Seattle, WA**

Phone: **(206) 529-3980**
Fax: **(206) 529-3985**

Client Project # **1413.001.02.501F**

Lab Project #

Collected by (print): S MCKERNAN

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)
____ Same Day 200%
____ Next Day 100%
____ Two Day 50%
____ Three Day 25%

Date Results Needed

Email? ___No __Yes
FAX? ___No ___Yes

Canister Pressure/Vacuum

Analysis: TO-15 Summa

Chain of Custody — Page 2 of 7

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Phone: 800-767-5859
Fax: 615-758-5859

L# L1315322
Table # M098

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Sample Description	Can #	Date	Time	Initial	Final	Rem./Contaminant	Sample # (lab only)
	SV-21-020321	10752	2/3/21	1251	-24	-2		-05
	SV-22-020321	7902		1251	-30	-4		-06
	SV-15-020321	8485		1344	-31	-3		-07
	SV-14-020321	7164		~~1354~~ 1351 (SM)	-22	-3		-08

Sample Receipt Checklist
COC Seal Present/Intact: ✓Y N
COC Signed/Accurate: ✓Y N
Bottles arrive intact: ✓Y N
Correct bottles used: ✓Y N
Sufficient volume sent: ✓Y N
RAD Screen <0.5 mR/hr: ✓Y N

If Applicable
VOA Zero Headspace: __Y__N
Pres.Correct/Check: __Y__N

Remarks: Tracking #936249438420

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____	Condition: (lab use only)
Chris Lebron	2/8/21	1330			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: AMB °C Bottles Received: 4	COC Seal Intact: ___Y ___N ✓NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/9/21 Time: 0815	pH Checked: NCF:
			Josh Granquist		

Company Name/Address:
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Billing Information:
Attn: Accounts Payable
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Analysis: TO-15 Summa

Chain of Custody — Page 3 of 7

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Mount Juliet, TN 37122
Phone: 615-758-5858
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Fax: 615-758-5859

Report to: **Brian O'Neal/Bill Haldeman**

Email To: **boneal@pesenv.com, bhaldeman@pesenv.com**

Project Description: **American Linen**

City/State Collected: **Seattle, WA**

Phone: **(206) 529-3980**
Fax: **(206) 529-3985**

Client Project #: **1413.001.02.501F**

Lab Project #

L# L1315822

Table M097

Collected by (print): S. McKERNAN

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)
____ Same Day 200%
____ Next Day 100%
____ Two Day 50%
____ Three Day 25%

Date Results Needed

Email? ___No __Yes
FAX? ___No ___Yes

Canister Pressure/Vacuum

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Sample Description	Can #	Date	Time	Initial	Final	Rem./Contaminant	Sample # (lab only)
	SV-09-020321	7625	2/3/21	1509	-30	-4		-09
	SV-904-020321	10884	↓	1513	-28	-4		-10
	SV-09-020321	12338	↓	1513	-30	-5		-11
	SV-12-020521	12243	2/5/21	0950	-30	-4		-12

Sample Receipt Checklist
COC Seal Present/Intact: ✓Y N
COC Signed/Accurate: ✓Y N
Bottles arrive intact: ✓Y N
Correct bottles used: ✓Y N
Sufficient volume sent: ✓Y N
RAD Screen <0.5 mR/hr: ✓Y N

If Applicable
VOA Zero Headspace: __Y__N
Pres.Correct/Check: __Y__N

Remarks: Tracking #936249438371

Hold #

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	2/8/21	1330	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Josh Trumbly

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____

Temp: AMB °C Bottles Received: 4

Date: 2/9/21 Time: 0815

Condition: (lab use only)

COC Seal Intact: ___Y ___N ✓NA

pH Checked: NCF:

Company Name/Address:
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Billing Information:
Attn: Accounts Payable
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com, bhaldeman@pesenv.com

Project Description: American Linen

City/State Collected: Seattle, WA

Phone: (206) 529-3980
Fax: (206) 529-3985

Client Project #: 1413.001.02.501F

Lab Project #

Collected by (print): Chris DeBoer

Site/Facility ID #

P.O. #

Collected by (signature): Chris DeBoer

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No __Yes
FAX? ___No ___Yes

Canister Pressure/Vacuum

Sample ID	Sample Description	Can #	Date	Time	Initial	Final	TO-15 Summa				Rem./Contaminant	Sample # (lab only)
	SV-13-020521	9389	2/5/21	1025	-29	-4	X					-13
	SV-10-020521	9621	2/5/21	1112	-29	-4	X					-14
	SV-28-020621	6166	2/6/21	1236	-30	-5	X					-15
	SV-25-020621	7339	2/6/21	1055	-30	-3	X					-16
												0

Analysis

Chain of Custody Page 4 of 7

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National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1315322
Table # M096

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample Receipt Checklist

COC Seal Present/Intact:	Y N	If Applicable	
COC Signed/Accurate:	Y N	VOA Zero Headspace:	Y N
Bottles arrive intact:	Y N	Pres.Correct/Check:	Y N
Correct bottles used:	Y N		
Sufficient volume sent:	N		
RAD Screen <0.5 mR/hr:	Y N		

Remarks: Tracking #936249438408

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Chris DeBoer	2/8/21	1330	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Josh Grunisky

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____

Temp: AMB °C Bottles Received: 4

Date: 2/9/21 Time: 0815

Condition: (lab use only)

COC Seal Intact: ___Y ___N ✓NA

pH Checked: NCF:

Company Name/Address:
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Billing Information:
Attn: Accounts Payable
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com, bhaldeman@pesenv.com

Project Description: American Linen

City/State Collected: Seattle, WA

Phone: (206) 529-3980
Fax: (206) 529-3985

Client Project #: 1413.001.02.501F

Lab Project #

Collected by (print): Chris DeBoer

Site/Facility ID #

P.O. #

Collected by (signature): Chris DeBoer

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No __Yes
FAX? ___No ___Yes

Canister Pressure/Vacuum

Sample ID	Sample Description	Can #	Date	Time	Initial	Final	TO-15 Summa				Rem./Contaminant	Sample # (lab only)
	SV-11-020621	10721	2/6/21	1312	-28	-4	X					-17
	SV01-020721	11858	2/7/21	0847	-28	-4	X					-18
	SV-27-020621	06519	2/6/21	1203	-30	-5	X					-19
	SV-905-020621	~~12412~~ 12404	2/6/21	1411	-29	-4	X					-20

Analysis

Chain of Custody

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L815322
Table # M095

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample Receipt Checklist
COC Seal Present/Intact: ✓Y N
COC Signed/Accurate: ✓Y N
Bottles arrive intact: ✓Y N
Correct bottles used: ✓Y N
Sufficient volume sent: ✓Y N
RAD Screen <0.5 mR/hr: ✓Y N

If Applicable
VOA Zero Headspace: Y N
Pres.Correct/Check: Y N

Remarks: Tracking #936249438419

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____
Chris DeBoer	2/8/21	1530		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: AMB 4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Josh Grunisky	Date: 2/9/21 Time: 0815

Condition: (lab use only)

COC Seal Intact: ___Y ___N ✓NA

pH Checked: NCF:

Company Name/Address:
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Billing Information:
Attn: Accounts Payable
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Analysis: TO-15 Summa

Chain of Custody — Page 6 of 7

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Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1315322
Table M093

Report to: **Brian O'Neal/Bill Haldeman**

Email To: **boneal@pesenv.com, bhaldeman@pesenv.com**

Project Description: **American Linen**

City/State Collected: **Seattle, WA**

Phone: **(206) 529-3980**
Fax: **(206) 529-3985**

Client Project # **1413.001.02.501F**

Lab Project #

Collected by (print): Chris DeBra

Site/Facility ID #

P.O. #

Collected by (signature): Chris DeBra

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No __Yes
FAX? ___No ___Yes

Canister Pressure/Vacuum

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Sample Description	Can #	Date	Time	Initial	Final	Rem./Contaminant	Sample # (lab only)
	SV-20-020721	10402	02/07/21	1113	-28	-4		-21
	SV-18-020721	8053	2/7/21	916	-30	-5		-22
	SV-17-020721	6970	2/7/21	942	-30	-5		-23
	SV-16-020721	8831	2/7/21	1000	-30	-5		-24

Sample Receipt Checklist
COC Seal Present/Intact: __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Pres.Correct/Check: __Y __N

Remarks: Tracking#936249438393

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____
Chris DeBra	2/8/21	1330		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: AMB °C Bottles Received: 4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/9/21 Time: 0815

Condition: (lab use only)
COC Seal Intact: ___Y ___N ✓NA
pH Checked: NCF:

Page 1 of 1

Company Name/Address:
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Billing Information:
Attn: Accounts Payable
PES Environmental, Inc. - WA
2101 4th Ave. Suite 1310
Seattle, WA, 98121

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com, bhaldeman@pesenv.com

Project Description: American Linen

City/State Collected: Seattle, WA

Phone: (206) 529-3980
Fax: (206) 529-3985

Client Project #: 1413.001.02.501F

Lab Project #

Collected by (print): Chris DeBoer

Site/Facility ID #

P.O. #

Collected by (signature): Chris DeBoer

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No __Yes
FAX? ___No ___Yes

Canister Pressure/Vacuum

Analysis: TO-15 Summa

Chain of Custody

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Fax: 615-758-5859

L# L1315322
Table # M092

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Sample Description	Can #	Date	Time	Initial	Final	Rem./Contaminant	Sample # (lab only)
	SV-19-020721	8872	2/7/21	1141	-29	-4	X	-25

Sample Receipt Checklist
COC Seal Present/Intact: ✓Y ___N
COC Signed/Accurate: ✓Y ___N
Bottles arrive intact: ✓Y ___N
Correct bottles used: ✓Y ___N
Sufficient volume sent: ✓Y ___N
RAD Screen <0.5 mR/hr: ✓Y ___N

If Applicable
VOA Zero Headspace: ___Y___N
Pres.Correct/Check: ___Y___N

Remarks: Tracking #936241943838 2

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____
Chris DeBoer	2/8/21	1330		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: AMB 1+3Unused
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/9/21 Time: 0815

Condition: (lab use only)

COC Seal Intact: ___Y ___N ✓NA

pH Checked: NCF:

L1315322 PESENVSWA NCF HM

R5

Time estimate: oh **Time spent:** oh

Members

HM Hailey Melson (responsible) JS Jared Starkey

- [ ] Login Clarification needed
- [ ] Chain of custody is incomplete
- [ ] Please specify Metals requested
- [ ] Please specify TCLP requested
- [ ] Received additional samples not listed on COC
- [x] Sample IDs on containers do not match IDs on COC
- [ ] Client did not "X" analysis
- [ ] Chain of Custody is missing
- [ ] If no COC: Received by:_____
- [ ] If no COC: Date/Time:_____
- [ ] If no COC: Temp./Cont.Rec./pH:_____
- [ ] If no COC: Carrier:_____
- [ ] If no COC: Tracking #:_____
- [ ] Client informed by call
- [ ] Client informed by Email
- [ ] Client informed by Voicemail
- [ ] Date/Time:_____2/9/21 1740
- [ ] PM initials:_____js
- [ ] Client Contact:_____Shannon McKernan

Comments

Hailey Melson *9 February 2021 3:02 PM*

COC says SV-24-020321 but sample says VP-24-020321
COC says SV-21-020321 but sample says VP-21-020321
COC says SV-15-020321 but sample says VP-15-020321
COC says SV-09-020321 but sample says SV-08-020321
Currently logged per COC.

Jared Starkey *9 February 2021 5:41 PM*

Continue as logged per COC

Pace Analytical®
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ANALYTICAL REPORT

February 22, 2021

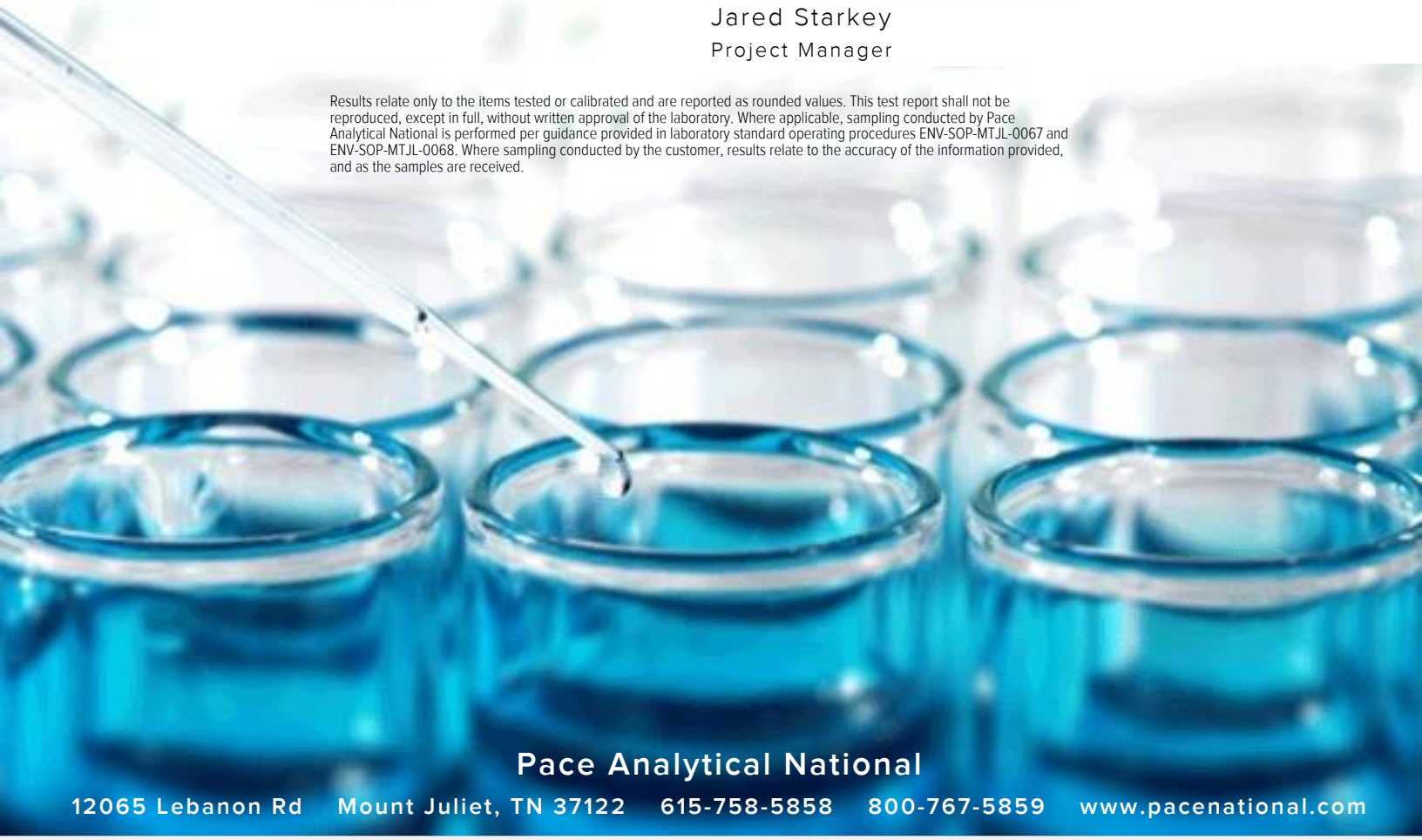
PES Environmental, Inc.- WA

Sample Delivery Group:	L1315830
Samples Received:	02/10/2021
Project Number:	1413.001.05.601
Description:	American Linen
Report To:	Brian O'Neal/Bill Haldeman
	1215 Fourth Ave., Suite 1310
	Seattle, WA 98121

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
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MW-143-020821 L1315830-01 GW

Collected by: HRC/BLH | Collected date/time: 02/08/21 10:30 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 16:19	02/17/21 16:19	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 18:22	02/16/21 18:22	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 14:32	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	20	02/17/21 10:54	02/17/21 15:40	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622724	1	02/20/21 12:46	02/20/21 12:46	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622917	10	02/20/21 15:12	02/20/21 15:12	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	50	02/20/21 13:27	02/20/21 13:27	BMB	Mt. Juliet, TN

MW-156-020821 L1315830-02 GW

Collected by: HRC/BLH | Collected date/time: 02/08/21 10:40 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	5	02/17/21 16:44	02/17/21 16:44	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 18:35	02/16/21 18:35	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 14:35	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	5	02/17/21 10:54	02/17/21 15:43	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622724	1	02/20/21 13:55	02/20/21 13:55	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	10	02/20/21 13:46	02/20/21 13:46	BMB	Mt. Juliet, TN

MW-142-020821 L1315830-03 GW

Collected by: HRC/BLH | Collected date/time: 02/08/21 11:20 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 16:57	02/17/21 16:57	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 19:20	02/16/21 19:20	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 14:39	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	5	02/17/21 10:54	02/17/21 15:56	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622724	1	02/20/21 14:01	02/20/21 14:01	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 14:05	02/20/21 14:05	BMB	Mt. Juliet, TN

MW-159-020821 L1315830-04 GW

Collected by: HRC/BLH | Collected date/time: 02/08/21 12:05 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 17:35	02/17/21 17:35	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 19:32	02/16/21 19:32	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 14:42	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	10	02/17/21 10:54	02/17/21 15:59	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622724	1	02/20/21 14:04	02/20/21 14:04	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622917	10	02/20/21 15:15	02/20/21 15:15	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 14:24	02/20/21 14:24	BMB	Mt. Juliet, TN

MW-154-020821 L1315830-05 GW

Collected by: HRC/BLH | Collected date/time: 02/08/21 13:50 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 17:48	02/17/21 17:48	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 19:46	02/16/21 19:46	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 14:45	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622724	1	02/20/21 14:08	02/20/21 14:08	CMS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 14:42	02/20/21 14:42	BMB	Mt. Juliet, TN

MW-325-020821 L1315830-06 GW

Collected by: HRC/BLH | Collected date/time: 02/08/21 14:35 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 15:01	02/20/21 15:01	BMB	Mt. Juliet, TN

MW-947-020921 L1315830-07 GW

Collected by: HRC/BLH | Collected date/time: 02/09/21 08:15 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 18:26	02/17/21 18:26	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 19:59	02/16/21 19:59	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 14:48	RDS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622728	1	02/21/21 09:11	02/21/21 09:11	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 15:39	02/20/21 15:39	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623031	1	02/21/21 12:51	02/21/21 12:51	JHH	Mt. Juliet, TN

MW-153-020921 L1315830-08 GW

Collected by: HRC/BLH | Collected date/time: 02/09/21 09:40 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 18:39	02/17/21 18:39	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 21:19	02/16/21 21:19	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 14:52	RDS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622728	1	02/21/21 09:26	02/21/21 09:26	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 15:58	02/20/21 15:58	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623031	1	02/21/21 13:10	02/21/21 13:10	JHH	Mt. Juliet, TN

MW108-020921 L1315830-09 GW

Collected by: HRC/BLH | Collected date/time: 02/09/21 10:15 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 18:52	02/17/21 18:52	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 22:10	02/16/21 22:10	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 14:55	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	10	02/17/21 10:54	02/17/21 16:03	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622728	1	02/21/21 09:34	02/21/21 09:34	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	5	02/20/21 16:16	02/20/21 16:16	BMB	Mt. Juliet, TN

MW109-020921 L1315830-10 GW

Collected by: HRC/BLH | Collected date/time: 02/09/21 11:45 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 19:05	02/17/21 19:05	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 22:25	02/16/21 22:25	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 15:05	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	10	02/17/21 10:54	02/17/21 16:06	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622728	1	02/21/21 09:36	02/21/21 09:36	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 16:35	02/20/21 16:35	BMB	Mt. Juliet, TN

MW-147-020921 L1315830-11 GW

Collected by: HRC/BLH | Collected date/time: 02/09/21 12:25 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 19:18	02/17/21 19:18	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 22:37	02/16/21 22:37	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 15:08	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	5	02/17/21 10:54	02/17/21 16:09	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622728	1	02/21/21 09:39	02/21/21 09:39	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	50	02/20/21 16:54	02/20/21 16:54	BMB	Mt. Juliet, TN

MW110-020921 L1315830-12 GW

Collected by: HRC/BLH | Collected date/time: 02/09/21 13:45 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	5	02/17/21 19:31	02/17/21 19:31	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 22:51	02/16/21 22:51	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 15:11	RDS	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622728	1	02/21/21 09:41	02/21/21 09:41	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 17:13	02/20/21 17:13	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623031	25	02/21/21 13:48	02/21/21 13:48	JHH	Mt. Juliet, TN

MW-326-020921 L1315830-13 GW

Collected by: HRC/BLH | Collected date/time: 02/09/21 15:15 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 17:32	02/20/21 17:32	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623031	1	02/21/21 13:29	02/21/21 13:29	JHH	Mt. Juliet, TN

MW111-020921 L1315830-14 GW

Collected by: HRC/BLH | Collected date/time: 02/09/21 15:45 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 19:44	02/17/21 19:44	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 23:04	02/16/21 23:04	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 15:15	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	5	02/17/21 10:54	02/17/21 16:12	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622728	1	02/21/21 09:43	02/21/21 09:43	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 17:51	02/20/21 17:51	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623031	5	02/21/21 14:07	02/21/21 14:07	JHH	Mt. Juliet, TN

MW-146-020821 L1315830-15 GW

Collected by: HRC/BLH | Collected date/time: 02/08/21 15:30 | Received date/time: 02/10/21 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1621685	1	02/17/21 19:57	02/17/21 19:57	ELN	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1621637	1	02/16/21 23:17	02/16/21 23:17	VRP	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	1	02/17/21 10:54	02/17/21 15:18	TM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1619786	5	02/17/21 10:54	02/17/21 16:16	TM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1622728	1	02/21/21 09:45	02/21/21 09:45	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1620024	1	02/20/21 15:20	02/20/21 15:20	BMB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623031	200	02/21/21 14:26	02/21/21 14:26	JHH	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	44300		594	5000	1	02/17/2021 16:19	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	32500		102	1000	1	02/16/2021 18:22	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	20600		562	2000	20	02/17/2021 15:40	WG1619786
Manganese	3950		0.704	5.00	1	02/17/2021 14:32	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	19500		2.87	6.78	10	02/20/2021 15:12	WG1622917
Ethane	417		0.296	1.29	1	02/20/2021 12:46	WG1622724
Ethene	U		0.422	1.27	1	02/20/2021 12:46	WG1622724

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		27.4	50.0	50	02/20/2021 13:27	WG1620024
Acrylonitrile	U		3.80	25.0	50	02/20/2021 13:27	WG1620024
Benzene	U		0.800	2.00	50	02/20/2021 13:27	WG1620024
Bromobenzene	U		2.10	25.0	50	02/20/2021 13:27	WG1620024
Bromodichloromethane	U		1.58	5.00	50	02/20/2021 13:27	WG1620024
Bromoform	U		12.0	50.0	50	02/20/2021 13:27	WG1620024
Bromomethane	U		7.40	25.0	50	02/20/2021 13:27	WG1620024
n-Butylbenzene	U		7.65	25.0	50	02/20/2021 13:27	WG1620024
sec-Butylbenzene	U		5.05	25.0	50	02/20/2021 13:27	WG1620024
tert-Butylbenzene	U		3.10	10.0	50	02/20/2021 13:27	WG1620024
Carbon tetrachloride	U		2.16	10.0	50	02/20/2021 13:27	WG1620024
Chlorobenzene	U		1.15	5.00	50	02/20/2021 13:27	WG1620024
Chlorodibromomethane	U		0.900	5.00	50	02/20/2021 13:27	WG1620024
Chloroethane	U		2.16	10.0	50	02/20/2021 13:27	WG1620024
Chloroform	U		0.830	5.00	50	02/20/2021 13:27	WG1620024
Chloromethane	U	J4	2.78	25.0	50	02/20/2021 13:27	WG1620024
2-Chlorotoluene	U		1.84	5.00	50	02/20/2021 13:27	WG1620024
4-Chlorotoluene	U		2.26	10.0	50	02/20/2021 13:27	WG1620024
1,2-Dibromo-3-Chloropropane	U		10.2	50.0	50	02/20/2021 13:27	WG1620024
1,2-Dibromoethane	U		1.05	5.00	50	02/20/2021 13:27	WG1620024
Dibromomethane	U		2.00	10.0	50	02/20/2021 13:27	WG1620024
1,2-Dichlorobenzene	U		2.90	10.0	50	02/20/2021 13:27	WG1620024
1,3-Dichlorobenzene	U		3.40	10.0	50	02/20/2021 13:27	WG1620024
1,4-Dichlorobenzene	U		3.94	10.0	50	02/20/2021 13:27	WG1620024
Dichlorodifluoromethane	U		1.64	5.00	50	02/20/2021 13:27	WG1620024
1,1-Dichloroethane	U		1.15	5.00	50	02/20/2021 13:27	WG1620024
1,2-Dichloroethane	U		0.950	5.00	50	02/20/2021 13:27	WG1620024
1,1-Dichloroethene	6.60		1.00	5.00	50	02/20/2021 13:27	WG1620024
cis-1,2-Dichloroethene	3260		1.38	5.00	50	02/20/2021 13:27	WG1620024
trans-1,2-Dichloroethene	14.1		2.86	10.0	50	02/20/2021 13:27	WG1620024
1,2-Dichloropropane	U		2.54	10.0	50	02/20/2021 13:27	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		1.40	5.00	50	02/20/2021 13:27	WG1620024
1,3-Dichloropropane	U		3.50	10.0	50	02/20/2021 13:27	WG1620024
cis-1,3-Dichloropropene	U		1.36	5.00	50	02/20/2021 13:27	WG1620024
trans-1,3-Dichloropropene	U		3.06	10.0	50	02/20/2021 13:27	WG1620024
2,2-Dichloropropane	U		1.59	5.00	50	02/20/2021 13:27	WG1620024
Di-isopropyl ether	U		0.700	2.00	50	02/20/2021 13:27	WG1620024
Ethylbenzene	U		1.06	5.00	50	02/20/2021 13:27	WG1620024
Hexachloro-1,3-butadiene	U		25.4	50.0	50	02/20/2021 13:27	WG1620024
Isopropylbenzene	U		1.73	5.00	50	02/20/2021 13:27	WG1620024
p-Isopropyltoluene	U		4.66	10.0	50	02/20/2021 13:27	WG1620024
2-Butanone (MEK)	U		25.0	50.0	50	02/20/2021 13:27	WG1620024
Methylene Chloride	U		13.3	50.0	50	02/20/2021 13:27	WG1620024
4-Methyl-2-pentanone (MIBK)	U		20.0	50.0	50	02/20/2021 13:27	WG1620024
Methyl tert-butyl ether	U		0.590	2.00	50	02/20/2021 13:27	WG1620024
Naphthalene	U		6.20	25.0	50	02/20/2021 13:27	WG1620024
n-Propylbenzene	U		2.36	10.0	50	02/20/2021 13:27	WG1620024
Styrene	U		5.45	25.0	50	02/20/2021 13:27	WG1620024
1,1,1,2-Tetrachloroethane	U		1.00	5.00	50	02/20/2021 13:27	WG1620024
1,1,2,2-Tetrachloroethane	U		0.780	5.00	50	02/20/2021 13:27	WG1620024
1,1,2-Trichlorotrifluoroethane	U		1.35	5.00	50	02/20/2021 13:27	WG1620024
Tetrachloroethene	U		1.40	5.00	50	02/20/2021 13:27	WG1620024
Toluene	3.00	J	2.50	10.0	50	02/20/2021 13:27	WG1620024
1,2,3-Trichlorobenzene	U		1.25	25.0	50	02/20/2021 13:27	WG1620024
1,2,4-Trichlorobenzene	U		9.65	25.0	50	02/20/2021 13:27	WG1620024
1,1,1-Trichloroethane	U		0.550	5.00	50	02/20/2021 13:27	WG1620024
1,1,2-Trichloroethane	U	J4	1.77	5.00	50	02/20/2021 13:27	WG1620024
Trichloroethene	U		0.800	2.00	50	02/20/2021 13:27	WG1620024
Trichlorofluoromethane	U		1.00	5.00	50	02/20/2021 13:27	WG1620024
1,2,3-Trichloropropane	U		10.2	25.0	50	02/20/2021 13:27	WG1620024
1,2,4-Trimethylbenzene	U		2.32	10.0	50	02/20/2021 13:27	WG1620024
1,2,3-Trimethylbenzene	U	J4	2.30	10.0	50	02/20/2021 13:27	WG1620024
1,3,5-Trimethylbenzene	U		2.16	10.0	50	02/20/2021 13:27	WG1620024
Vinyl chloride	514	C5	1.36	5.00	50	02/20/2021 13:27	WG1620024
Xylenes, Total	U		9.55	13.0	50	02/20/2021 13:27	WG1620024
Ethyl Ether	U		0.850	5.00	50	02/20/2021 13:27	WG1620024
Tetrahydrofuran	U		4.50	25.0	50	02/20/2021 13:27	WG1620024
Iodomethane	U		12.1	25.0	50	02/20/2021 13:27	WG1620024
Allyl chloride	U		29.0	50.0	50	02/20/2021 13:27	WG1620024
Trans-1,4-Dichloro-2-butene	U		2.80	10.0	50	02/20/2021 13:27	WG1620024
(S) Toluene-d8	*118*			*75.0-131*		*02/20/2021 13:27*	WG1620024
(S) 4-Bromofluorobenzene	*108*			*67.0-138*		*02/20/2021 13:27*	WG1620024
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/20/2021 13:27*	WG1620024

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	72800		2970	25000	5	02/17/2021 16:44	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	11400		102	1000	1	02/16/2021 18:35	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2300		140	500	5	02/17/2021 15:43	WG1619786
Manganese	3920		0.704	5.00	1	02/17/2021 14:35	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	5850		0.287	0.678	1	02/20/2021 13:55	WG1622724
Ethane	U		0.296	1.29	1	02/20/2021 13:55	WG1622724
Ethene	U		0.422	1.27	1	02/20/2021 13:55	WG1622724

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		5.48	10.0	10	02/20/2021 13:46	WG1620024
Acrylonitrile	U		0.760	5.00	10	02/20/2021 13:46	WG1620024
Benzene	0.240	J	0.160	0.400	10	02/20/2021 13:46	WG1620024
Bromobenzene	U		0.420	5.00	10	02/20/2021 13:46	WG1620024
Bromodichloromethane	U		0.315	1.00	10	02/20/2021 13:46	WG1620024
Bromoform	U		2.39	10.0	10	02/20/2021 13:46	WG1620024
Bromomethane	U		1.48	5.00	10	02/20/2021 13:46	WG1620024
n-Butylbenzene	U		1.53	5.00	10	02/20/2021 13:46	WG1620024
sec-Butylbenzene	U		1.01	5.00	10	02/20/2021 13:46	WG1620024
tert-Butylbenzene	U		0.620	2.00	10	02/20/2021 13:46	WG1620024
Carbon tetrachloride	U		0.432	2.00	10	02/20/2021 13:46	WG1620024
Chlorobenzene	U		0.229	1.00	10	02/20/2021 13:46	WG1620024
Chlorodibromomethane	U		0.180	1.00	10	02/20/2021 13:46	WG1620024
Chloroethane	U		0.432	2.00	10	02/20/2021 13:46	WG1620024
Chloroform	U		0.166	1.00	10	02/20/2021 13:46	WG1620024
Chloromethane	U	J4	0.556	5.00	10	02/20/2021 13:46	WG1620024
2-Chlorotoluene	U		0.368	1.00	10	02/20/2021 13:46	WG1620024
4-Chlorotoluene	U		0.452	2.00	10	02/20/2021 13:46	WG1620024
1,2-Dibromo-3-Chloropropane	U		2.04	10.0	10	02/20/2021 13:46	WG1620024
1,2-Dibromoethane	U		0.210	1.00	10	02/20/2021 13:46	WG1620024
Dibromomethane	U		0.400	2.00	10	02/20/2021 13:46	WG1620024
1,2-Dichlorobenzene	U		0.580	2.00	10	02/20/2021 13:46	WG1620024
1,3-Dichlorobenzene	U		0.680	2.00	10	02/20/2021 13:46	WG1620024
1,4-Dichlorobenzene	U		0.788	2.00	10	02/20/2021 13:46	WG1620024
Dichlorodifluoromethane	U		0.327	1.00	10	02/20/2021 13:46	WG1620024
1,1-Dichloroethane	U		0.230	1.00	10	02/20/2021 13:46	WG1620024
1,2-Dichloroethane	U		0.190	1.00	10	02/20/2021 13:46	WG1620024
1,1-Dichloroethene	2.58		0.200	1.00	10	02/20/2021 13:46	WG1620024
cis-1,2-Dichloroethene	703		0.276	1.00	10	02/20/2021 13:46	WG1620024
trans-1,2-Dichloroethene	4.04		0.572	2.00	10	02/20/2021 13:46	WG1620024
1,2-Dichloropropane	U		0.508	2.00	10	02/20/2021 13:46	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.280	1.00	10	02/20/2021 13:46	WG1620024
1,3-Dichloropropane	U		0.700	2.00	10	02/20/2021 13:46	WG1620024
cis-1,3-Dichloropropene	U		0.271	1.00	10	02/20/2021 13:46	WG1620024
trans-1,3-Dichloropropene	U		0.612	2.00	10	02/20/2021 13:46	WG1620024
2,2-Dichloropropane	U		0.317	1.00	10	02/20/2021 13:46	WG1620024
Di-isopropyl ether	U		0.140	0.400	10	02/20/2021 13:46	WG1620024
Ethylbenzene	U		0.212	1.00	10	02/20/2021 13:46	WG1620024
Hexachloro-1,3-butadiene	U		5.08	10.0	10	02/20/2021 13:46	WG1620024
Isopropylbenzene	U		0.345	1.00	10	02/20/2021 13:46	WG1620024
p-Isopropyltoluene	U		0.932	2.00	10	02/20/2021 13:46	WG1620024
2-Butanone (MEK)	U		5.00	10.0	10	02/20/2021 13:46	WG1620024
Methylene Chloride	U		2.65	10.0	10	02/20/2021 13:46	WG1620024
4-Methyl-2-pentanone (MIBK)	U		4.00	10.0	10	02/20/2021 13:46	WG1620024
Methyl tert-butyl ether	U		0.118	0.400	10	02/20/2021 13:46	WG1620024
Naphthalene	U		1.24	5.00	10	02/20/2021 13:46	WG1620024
n-Propylbenzene	U		0.472	2.00	10	02/20/2021 13:46	WG1620024
Styrene	U		1.09	5.00	10	02/20/2021 13:46	WG1620024
1,1,1,2-Tetrachloroethane	U		0.200	1.00	10	02/20/2021 13:46	WG1620024
1,1,2,2-Tetrachloroethane	U		0.156	1.00	10	02/20/2021 13:46	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.270	1.00	10	02/20/2021 13:46	WG1620024
Tetrachloroethene	492	C5	0.280	1.00	10	02/20/2021 13:46	WG1620024
Toluene	0.540	J	0.500	2.00	10	02/20/2021 13:46	WG1620024
1,2,3-Trichlorobenzene	U		0.250	5.00	10	02/20/2021 13:46	WG1620024
1,2,4-Trichlorobenzene	U		1.93	5.00	10	02/20/2021 13:46	WG1620024
1,1,1-Trichloroethane	U		0.110	1.00	10	02/20/2021 13:46	WG1620024
1,1,2-Trichloroethane	U	J4	0.353	1.00	10	02/20/2021 13:46	WG1620024
Trichloroethene	228		0.160	0.400	10	02/20/2021 13:46	WG1620024
Trichlorofluoromethane	U		0.200	1.00	10	02/20/2021 13:46	WG1620024
1,2,3-Trichloropropane	U		2.04	5.00	10	02/20/2021 13:46	WG1620024
1,2,4-Trimethylbenzene	U		0.464	2.00	10	02/20/2021 13:46	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.460	2.00	10	02/20/2021 13:46	WG1620024
1,3,5-Trimethylbenzene	U		0.432	2.00	10	02/20/2021 13:46	WG1620024
Vinyl chloride	U		0.273	1.00	10	02/20/2021 13:46	WG1620024
Xylenes, Total	U		1.91	2.60	10	02/20/2021 13:46	WG1620024
Ethyl Ether	U		0.170	1.00	10	02/20/2021 13:46	WG1620024
Tetrahydrofuran	U		0.900	5.00	10	02/20/2021 13:46	WG1620024
Iodomethane	U		2.42	5.00	10	02/20/2021 13:46	WG1620024
Allyl chloride	U		5.80	10.0	10	02/20/2021 13:46	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.560	2.00	10	02/20/2021 13:46	WG1620024
(S) Toluene-d8	*119*			*75.0-131*		*02/20/2021 13:46*	WG1620024
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/20/2021 13:46*	WG1620024
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*02/20/2021 13:46*	WG1620024

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	16700		594	5000	1	02/17/2021 16:57	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	45700		102	1000	1	02/16/2021 19:20	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	3900		140	500	5	02/17/2021 15:56	WG1619786
Manganese	3630		0.704	5.00	1	02/17/2021 14:39	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	2500		0.287	0.678	1	02/20/2021 14:01	WG1622724
Ethane	31.3		0.296	1.29	1	02/20/2021 14:01	WG1622724
Ethene	U		0.422	1.27	1	02/20/2021 14:01	WG1622724

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	6.10	C5	0.548	1.00	1	02/20/2021 14:05	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 14:05	WG1620024
Benzene	0.327		0.0160	0.0400	1	02/20/2021 14:05	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 14:05	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 14:05	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 14:05	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 14:05	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 14:05	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 14:05	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 14:05	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 14:05	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 14:05	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 14:05	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 14:05	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 14:05	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 14:05	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 14:05	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 14:05	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 14:05	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 14:05	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 14:05	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 14:05	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 14:05	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 14:05	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 14:05	WG1620024
1,1-Dichloroethane	U		0.0230	0.100	1	02/20/2021 14:05	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 14:05	WG1620024
1,1-Dichloroethene	0.370		0.0200	0.100	1	02/20/2021 14:05	WG1620024
cis-1,2-Dichloroethene	80.5		0.0276	0.100	1	02/20/2021 14:05	WG1620024
trans-1,2-Dichloroethene	0.498		0.0572	0.200	1	02/20/2021 14:05	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 14:05	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 14:05	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 14:05	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 14:05	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 14:05	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 14:05	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 14:05	WG1620024
Ethylbenzene	0.220		0.0212	0.100	1	02/20/2021 14:05	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 14:05	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 14:05	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 14:05	WG1620024
2-Butanone (MEK)	23.2	C5	0.500	1.00	1	02/20/2021 14:05	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 14:05	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 14:05	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 14:05	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 14:05	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 14:05	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 14:05	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 14:05	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 14:05	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 14:05	WG1620024
Tetrachloroethene	0.0940	J	0.0280	0.100	1	02/20/2021 14:05	WG1620024
Toluene	1.42		0.0500	0.200	1	02/20/2021 14:05	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 14:05	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 14:05	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 14:05	WG1620024
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 14:05	WG1620024
Trichloroethene	1.11		0.0160	0.0400	1	02/20/2021 14:05	WG1620024
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 14:05	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 14:05	WG1620024
1,2,4-Trimethylbenzene	0.145	J	0.0464	0.200	1	02/20/2021 14:05	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 14:05	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 14:05	WG1620024
Vinyl chloride	33.9	C5	0.0273	0.100	1	02/20/2021 14:05	WG1620024
Xylenes, Total	1.18		0.191	0.260	1	02/20/2021 14:05	WG1620024
Ethyl Ether	U		0.0170	0.100	1	02/20/2021 14:05	WG1620024
Tetrahydrofuran	14.6		0.0900	0.500	1	02/20/2021 14:05	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 14:05	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 14:05	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 14:05	WG1620024
(S) Toluene-d8	*120*			*75.0-131*		*02/20/2021 14:05*	WG1620024
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/20/2021 14:05*	WG1620024
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*02/20/2021 14:05*	WG1620024

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	4880	J	594	5000	1	02/17/2021 17:35	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	4090		102	1000	1	02/16/2021 19:32	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	6770		281	1000	10	02/17/2021 15:59	WG1619786
Manganese	2970		0.704	5.00	1	02/17/2021 14:42	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	20100		2.87	6.78	10	02/20/2021 15:15	WG1622917
Ethane	70.9		0.296	1.29	1	02/20/2021 14:04	WG1622724
Ethene	U		0.422	1.27	1	02/20/2021 14:04	WG1622724

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	6.07	C5	0.548	1.00	1	02/20/2021 14:24	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 14:24	WG1620024
Benzene	0.0340	J	0.0160	0.0400	1	02/20/2021 14:24	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 14:24	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 14:24	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 14:24	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 14:24	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 14:24	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 14:24	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 14:24	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 14:24	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 14:24	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 14:24	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 14:24	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 14:24	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 14:24	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 14:24	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 14:24	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 14:24	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 14:24	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 14:24	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 14:24	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 14:24	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 14:24	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 14:24	WG1620024
1,1-Dichloroethane	U		0.0230	0.100	1	02/20/2021 14:24	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 14:24	WG1620024
1,1-Dichloroethene	U		0.0200	0.100	1	02/20/2021 14:24	WG1620024
cis-1,2-Dichloroethene	0.525		0.0276	0.100	1	02/20/2021 14:24	WG1620024
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/20/2021 14:24	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 14:24	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 14:24	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 14:24	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 14:24	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 14:24	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 14:24	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 14:24	WG1620024
Ethylbenzene	0.0860	J	0.0212	0.100	1	02/20/2021 14:24	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 14:24	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 14:24	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 14:24	WG1620024
2-Butanone (MEK)	U		0.500	1.00	1	02/20/2021 14:24	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 14:24	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 14:24	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 14:24	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 14:24	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 14:24	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 14:24	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 14:24	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 14:24	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 14:24	WG1620024
Tetrachloroethene	0.126	C5	0.0280	0.100	1	02/20/2021 14:24	WG1620024
Toluene	0.182	J	0.0500	0.200	1	02/20/2021 14:24	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 14:24	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 14:24	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 14:24	WG1620024
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 14:24	WG1620024
Trichloroethene	0.0380	J	0.0160	0.0400	1	02/20/2021 14:24	WG1620024
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 14:24	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 14:24	WG1620024
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/20/2021 14:24	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 14:24	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 14:24	WG1620024
Vinyl chloride	0.504	C5	0.0273	0.100	1	02/20/2021 14:24	WG1620024
Xylenes, Total	0.486		0.191	0.260	1	02/20/2021 14:24	WG1620024
Ethyl Ether	U		0.0170	0.100	1	02/20/2021 14:24	WG1620024
Tetrahydrofuran	U		0.0900	0.500	1	02/20/2021 14:24	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 14:24	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 14:24	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 14:24	WG1620024
(S) Toluene-d8	*119*			*75.0-131*		*02/20/2021 14:24*	WG1620024
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/20/2021 14:24*	WG1620024
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/20/2021 14:24*	WG1620024

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	56300		594	5000	1	02/17/2021 17:48	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1830		102	1000	1	02/16/2021 19:46	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	407		28.1	100	1	02/17/2021 14:45	WG1619786
Manganese	29.6		0.704	5.00	1	02/17/2021 14:45	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	9.16		0.287	0.678	1	02/20/2021 14:08	WG1622724
Ethane	U		0.296	1.29	1	02/20/2021 14:08	WG1622724
Ethene	U		0.422	1.27	1	02/20/2021 14:08	WG1622724

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/20/2021 14:42	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 14:42	WG1620024
Benzene	0.0220	J	0.0160	0.0400	1	02/20/2021 14:42	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 14:42	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 14:42	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 14:42	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 14:42	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 14:42	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 14:42	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 14:42	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 14:42	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 14:42	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 14:42	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 14:42	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 14:42	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 14:42	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 14:42	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 14:42	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 14:42	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 14:42	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 14:42	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 14:42	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 14:42	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 14:42	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 14:42	WG1620024
1,1-Dichloroethane	U		0.0230	0.100	1	02/20/2021 14:42	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 14:42	WG1620024
1,1-Dichloroethene	U		0.0200	0.100	1	02/20/2021 14:42	WG1620024
cis-1,2-Dichloroethene	0.203		0.0276	0.100	1	02/20/2021 14:42	WG1620024
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/20/2021 14:42	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 14:42	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 14:42	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 14:42	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 14:42	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 14:42	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 14:42	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 14:42	WG1620024
Ethylbenzene	0.106		0.0212	0.100	1	02/20/2021 14:42	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 14:42	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 14:42	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 14:42	WG1620024
2-Butanone (MEK)	U		0.500	1.00	1	02/20/2021 14:42	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 14:42	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 14:42	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 14:42	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 14:42	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 14:42	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 14:42	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 14:42	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 14:42	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 14:42	WG1620024
Tetrachloroethene	4.72	C5	0.0280	0.100	1	02/20/2021 14:42	WG1620024
Toluene	0.794		0.0500	0.200	1	02/20/2021 14:42	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 14:42	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 14:42	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 14:42	WG1620024
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 14:42	WG1620024
Trichloroethene	0.501		0.0160	0.0400	1	02/20/2021 14:42	WG1620024
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 14:42	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 14:42	WG1620024
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/20/2021 14:42	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 14:42	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 14:42	WG1620024
Vinyl chloride	U		0.0273	0.100	1	02/20/2021 14:42	WG1620024
Xylenes, Total	0.593		0.191	0.260	1	02/20/2021 14:42	WG1620024
Ethyl Ether	U		0.0170	0.100	1	02/20/2021 14:42	WG1620024
Tetrahydrofuran	U		0.0900	0.500	1	02/20/2021 14:42	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 14:42	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 14:42	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 14:42	WG1620024
(S) Toluene-d8	*119*			*75.0-131*		*02/20/2021 14:42*	WG1620024
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/20/2021 14:42*	WG1620024
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*02/20/2021 14:42*	WG1620024

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	2.49	C5	0.548	1.00	1	02/20/2021 15:01	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 15:01	WG1620024
Benzene	0.0650		0.0160	0.0400	1	02/20/2021 15:01	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 15:01	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 15:01	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 15:01	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 15:01	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 15:01	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 15:01	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 15:01	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 15:01	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 15:01	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 15:01	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 15:01	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 15:01	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 15:01	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 15:01	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 15:01	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 15:01	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 15:01	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 15:01	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 15:01	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 15:01	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 15:01	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 15:01	WG1620024
1,1-Dichloroethane	U		0.0230	0.100	1	02/20/2021 15:01	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 15:01	WG1620024
1,1-Dichloroethene	U		0.0200	0.100	1	02/20/2021 15:01	WG1620024
cis-1,2-Dichloroethene	1.50		0.0276	0.100	1	02/20/2021 15:01	WG1620024
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/20/2021 15:01	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 15:01	WG1620024
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 15:01	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 15:01	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 15:01	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 15:01	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 15:01	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 15:01	WG1620024
Ethylbenzene	0.230		0.0212	0.100	1	02/20/2021 15:01	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 15:01	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 15:01	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 15:01	WG1620024
2-Butanone (MEK)	U		0.500	1.00	1	02/20/2021 15:01	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 15:01	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 15:01	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 15:01	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 15:01	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 15:01	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 15:01	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 15:01	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 15:01	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 15:01	WG1620024
Tetrachloroethene	U		0.0280	0.100	1	02/20/2021 15:01	WG1620024
Toluene	2.03		0.0500	0.200	1	02/20/2021 15:01	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 15:01	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 15:01	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 15:01	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 15:01	WG1620024
Trichloroethene	U		0.0160	0.0400	1	02/20/2021 15:01	WG1620024
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 15:01	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 15:01	WG1620024
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/20/2021 15:01	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 15:01	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 15:01	WG1620024
Vinyl chloride	U		0.0273	0.100	1	02/20/2021 15:01	WG1620024
Xylenes, Total	1.10		0.191	0.260	1	02/20/2021 15:01	WG1620024
Ethyl Ether	U		0.0170	0.100	1	02/20/2021 15:01	WG1620024
Tetrahydrofuran	U		0.0900	0.500	1	02/20/2021 15:01	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 15:01	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 15:01	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 15:01	WG1620024
(S) Toluene-d8	*119*			*75.0-131*		*02/20/2021 15:01*	WG1620024
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*02/20/2021 15:01*	WG1620024
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/20/2021 15:01*	WG1620024

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	10800		594	5000	1	02/17/2021 18:26	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	907	B J	102	1000	1	02/16/2021 19:59	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	560		28.1	100	1	02/17/2021 14:48	WG1619786
Manganese	315		0.704	5.00	1	02/17/2021 14:48	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	105		0.287	0.678	1	02/21/2021 09:11	WG1622728
Ethane	U		0.296	1.29	1	02/21/2021 09:11	WG1622728
Ethene	U		0.422	1.27	1	02/21/2021 09:11	WG1622728

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/20/2021 15:39	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 15:39	WG1620024
Benzene	0.0220	J	0.0160	0.0400	1	02/20/2021 15:39	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 15:39	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 15:39	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 15:39	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 15:39	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 15:39	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 15:39	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 15:39	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 15:39	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 15:39	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 15:39	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 15:39	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 15:39	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 15:39	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 15:39	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 15:39	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 15:39	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 15:39	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 15:39	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 15:39	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 15:39	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 15:39	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 15:39	WG1620024
1,1-Dichloroethane	U		0.0230	0.100	1	02/20/2021 15:39	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 15:39	WG1620024
1,1-Dichloroethene	U		0.0200	0.100	1	02/20/2021 15:39	WG1620024
cis-1,2-Dichloroethene	0.107		0.0276	0.100	1	02/21/2021 12:51	WG1623031
trans-1,2-Dichloroethene	0.0680	J	0.0572	0.200	1	02/20/2021 15:39	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 15:39	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 15:39	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 15:39	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 15:39	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 15:39	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 15:39	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 15:39	WG1620024
Ethylbenzene	0.160		0.0212	0.100	1	02/20/2021 15:39	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 15:39	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 15:39	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 15:39	WG1620024
2-Butanone (MEK)	U		0.500	1.00	1	02/20/2021 15:39	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 15:39	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 15:39	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 15:39	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 15:39	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 15:39	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 15:39	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 15:39	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 15:39	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 15:39	WG1620024
Tetrachloroethene	U		0.0280	0.100	1	02/20/2021 15:39	WG1620024
Toluene	0.918		0.0500	0.200	1	02/20/2021 15:39	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 15:39	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 15:39	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 15:39	WG1620024
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 15:39	WG1620024
Trichloroethene	U		0.0160	0.0400	1	02/20/2021 15:39	WG1620024
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 15:39	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 15:39	WG1620024
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/20/2021 15:39	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 15:39	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 15:39	WG1620024
Vinyl chloride	2.48		0.0273	0.100	1	02/21/2021 12:51	WG1623031
Xylenes, Total	1.02		0.191	0.260	1	02/20/2021 15:39	WG1620024
Ethyl Ether	U		0.0170	0.100	1	02/20/2021 15:39	WG1620024
Tetrahydrofuran	U		0.0900	0.500	1	02/20/2021 15:39	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 15:39	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 15:39	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 15:39	WG1620024
(S) Toluene-d8	*118*			*75.0-131*		*02/20/2021 15:39*	WG1620024
(S) Toluene-d8	*93.7*			*75.0-131*		*02/21/2021 12:51*	WG1623031
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/20/2021 15:39*	WG1620024
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/21/2021 12:51*	WG1623031
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*02/20/2021 15:39*	WG1620024
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*02/21/2021 12:51*	WG1623031

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	11000		594	5000	1	02/17/2021 18:39	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	955	B J	102	1000	1	02/16/2021 21:19	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	382		28.1	100	1	02/17/2021 14:52	WG1619786
Manganese	313		0.704	5.00	1	02/17/2021 14:52	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	103		0.287	0.678	1	02/21/2021 09:26	WG1622728
Ethane	U		0.296	1.29	1	02/21/2021 09:26	WG1622728
Ethene	U		0.422	1.27	1	02/21/2021 09:26	WG1622728

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/20/2021 15:58	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 15:58	WG1620024
Benzene	0.0200	J	0.0160	0.0400	1	02/20/2021 15:58	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 15:58	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 15:58	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 15:58	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 15:58	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 15:58	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 15:58	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 15:58	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 15:58	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 15:58	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 15:58	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 15:58	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 15:58	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 15:58	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 15:58	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 15:58	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 15:58	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 15:58	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 15:58	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 15:58	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 15:58	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 15:58	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 15:58	WG1620024
1,1-Dichloroethane	U		0.0230	0.100	1	02/20/2021 15:58	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 15:58	WG1620024
1,1-Dichloroethene	U		0.0200	0.100	1	02/20/2021 15:58	WG1620024
cis-1,2-Dichloroethene	0.105		0.0276	0.100	1	02/21/2021 13:10	WG1623031
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/20/2021 15:58	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 15:58	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 15:58	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 15:58	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 15:58	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 15:58	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 15:58	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 15:58	WG1620024
Ethylbenzene	0.147		0.0212	0.100	1	02/20/2021 15:58	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 15:58	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 15:58	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 15:58	WG1620024
2-Butanone (MEK)	U		0.500	1.00	1	02/20/2021 15:58	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 15:58	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 15:58	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 15:58	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 15:58	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 15:58	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 15:58	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 15:58	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 15:58	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 15:58	WG1620024
Tetrachloroethene	U		0.0280	0.100	1	02/20/2021 15:58	WG1620024
Toluene	0.860		0.0500	0.200	1	02/20/2021 15:58	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 15:58	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 15:58	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 15:58	WG1620024
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 15:58	WG1620024
Trichloroethene	U		0.0160	0.0400	1	02/20/2021 15:58	WG1620024
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 15:58	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 15:58	WG1620024
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/20/2021 15:58	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 15:58	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 15:58	WG1620024
Vinyl chloride	2.42		0.0273	0.100	1	02/21/2021 13:10	WG1623031
Xylenes, Total	1.01		0.191	0.260	1	02/20/2021 15:58	WG1620024
Ethyl Ether	U		0.0170	0.100	1	02/20/2021 15:58	WG1620024
Tetrahydrofuran	U		0.0900	0.500	1	02/20/2021 15:58	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 15:58	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 15:58	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 15:58	WG1620024
(S) Toluene-d8	*119*			*75.0-131*		*02/20/2021 15:58*	WG1620024
(S) Toluene-d8	*91.6*			*75.0-131*		*02/21/2021 13:10*	WG1623031
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/20/2021 15:58*	WG1620024
(S) 4-Bromofluorobenzene	*108*			*67.0-138*		*02/21/2021 13:10*	WG1623031
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*02/20/2021 15:58*	WG1620024
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*02/21/2021 13:10*	WG1623031

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	25800		594	5000	1	02/17/2021 18:52	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	5750		102	1000	1	02/16/2021 22:10	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	15000		281	1000	10	02/17/2021 16:03	WG1619786
Manganese	2090		0.704	5.00	1	02/17/2021 14:55	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	3510		0.287	0.678	1	02/21/2021 09:34	WG1622728
Ethane	64.7		0.296	1.29	1	02/21/2021 09:34	WG1622728
Ethene	21.3		0.422	1.27	1	02/21/2021 09:34	WG1622728

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		2.74	5.00	5	02/20/2021 16:16	WG1620024
Acrylonitrile	U		0.380	2.50	5	02/20/2021 16:16	WG1620024
Benzene	2.89		0.0800	0.200	5	02/20/2021 16:16	WG1620024
Bromobenzene	U		0.210	2.50	5	02/20/2021 16:16	WG1620024
Bromodichloromethane	U		0.158	0.500	5	02/20/2021 16:16	WG1620024
Bromoform	U		1.20	5.00	5	02/20/2021 16:16	WG1620024
Bromomethane	U		0.740	2.50	5	02/20/2021 16:16	WG1620024
n-Butylbenzene	U		0.765	2.50	5	02/20/2021 16:16	WG1620024
sec-Butylbenzene	U		0.505	2.50	5	02/20/2021 16:16	WG1620024
tert-Butylbenzene	U		0.310	1.00	5	02/20/2021 16:16	WG1620024
Carbon tetrachloride	U		0.216	1.00	5	02/20/2021 16:16	WG1620024
Chlorobenzene	U		0.115	0.500	5	02/20/2021 16:16	WG1620024
Chlorodibromomethane	U		0.0900	0.500	5	02/20/2021 16:16	WG1620024
Chloroethane	U		0.216	1.00	5	02/20/2021 16:16	WG1620024
Chloroform	U		0.0830	0.500	5	02/20/2021 16:16	WG1620024
Chloromethane	U	J4	0.278	2.50	5	02/20/2021 16:16	WG1620024
2-Chlorotoluene	U		0.184	0.500	5	02/20/2021 16:16	WG1620024
4-Chlorotoluene	U		0.226	1.00	5	02/20/2021 16:16	WG1620024
1,2-Dibromo-3-Chloropropane	U		1.02	5.00	5	02/20/2021 16:16	WG1620024
1,2-Dibromoethane	U		0.105	0.500	5	02/20/2021 16:16	WG1620024
Dibromomethane	U		0.200	1.00	5	02/20/2021 16:16	WG1620024
1,2-Dichlorobenzene	U		0.290	1.00	5	02/20/2021 16:16	WG1620024
1,3-Dichlorobenzene	U		0.340	1.00	5	02/20/2021 16:16	WG1620024
1,4-Dichlorobenzene	U		0.394	1.00	5	02/20/2021 16:16	WG1620024
Dichlorodifluoromethane	U		0.164	0.500	5	02/20/2021 16:16	WG1620024
1,1-Dichloroethane	U		0.115	0.500	5	02/20/2021 16:16	WG1620024
1,2-Dichloroethane	U		0.0950	0.500	5	02/20/2021 16:16	WG1620024
1,1-Dichloroethene	1.25		0.100	0.500	5	02/20/2021 16:16	WG1620024
cis-1,2-Dichloroethene	269		0.138	0.500	5	02/20/2021 16:16	WG1620024
trans-1,2-Dichloroethene	1.48		0.286	1.00	5	02/20/2021 16:16	WG1620024
1,2-Dichloropropane	U		0.254	1.00	5	02/20/2021 16:16	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.140	0.500	5	02/20/2021 16:16	WG1620024
1,3-Dichloropropane	U		0.350	1.00	5	02/20/2021 16:16	WG1620024
cis-1,3-Dichloropropene	U		0.136	0.500	5	02/20/2021 16:16	WG1620024
trans-1,3-Dichloropropene	U		0.306	1.00	5	02/20/2021 16:16	WG1620024
2,2-Dichloropropane	U		0.159	0.500	5	02/20/2021 16:16	WG1620024
Di-isopropyl ether	U		0.0700	0.200	5	02/20/2021 16:16	WG1620024
Ethylbenzene	U		0.106	0.500	5	02/20/2021 16:16	WG1620024
Hexachloro-1,3-butadiene	U		2.54	5.00	5	02/20/2021 16:16	WG1620024
Isopropylbenzene	U		0.173	0.500	5	02/20/2021 16:16	WG1620024
p-Isopropyltoluene	U		0.466	1.00	5	02/20/2021 16:16	WG1620024
2-Butanone (MEK)	U		2.50	5.00	5	02/20/2021 16:16	WG1620024
Methylene Chloride	U		1.33	5.00	5	02/20/2021 16:16	WG1620024
4-Methyl-2-pentanone (MIBK)	U		2.00	5.00	5	02/20/2021 16:16	WG1620024
Methyl tert-butyl ether	U		0.0590	0.200	5	02/20/2021 16:16	WG1620024
Naphthalene	U		0.620	2.50	5	02/20/2021 16:16	WG1620024
n-Propylbenzene	U		0.236	1.00	5	02/20/2021 16:16	WG1620024
Styrene	U		0.545	2.50	5	02/20/2021 16:16	WG1620024
1,1,1,2-Tetrachloroethane	U		0.100	0.500	5	02/20/2021 16:16	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0780	0.500	5	02/20/2021 16:16	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.135	0.500	5	02/20/2021 16:16	WG1620024
Tetrachloroethene	238	C5	0.140	0.500	5	02/20/2021 16:16	WG1620024
Toluene	0.440	J	0.250	1.00	5	02/20/2021 16:16	WG1620024
1,2,3-Trichlorobenzene	U		0.125	2.50	5	02/20/2021 16:16	WG1620024
1,2,4-Trichlorobenzene	U		0.965	2.50	5	02/20/2021 16:16	WG1620024
1,1,1-Trichloroethane	U		0.0550	0.500	5	02/20/2021 16:16	WG1620024
1,1,2-Trichloroethane	U	J4	0.177	0.500	5	02/20/2021 16:16	WG1620024
Trichloroethene	106		0.0800	0.200	5	02/20/2021 16:16	WG1620024
Trichlorofluoromethane	U		0.100	0.500	5	02/20/2021 16:16	WG1620024
1,2,3-Trichloropropane	U		1.02	2.50	5	02/20/2021 16:16	WG1620024
1,2,4-Trimethylbenzene	U		0.232	1.00	5	02/20/2021 16:16	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.230	1.00	5	02/20/2021 16:16	WG1620024
1,3,5-Trimethylbenzene	U		0.216	1.00	5	02/20/2021 16:16	WG1620024
Vinyl chloride	172	C5	0.137	0.500	5	02/20/2021 16:16	WG1620024
Xylenes, Total	U		0.955	1.30	5	02/20/2021 16:16	WG1620024
Ethyl Ether	U		0.0850	0.500	5	02/20/2021 16:16	WG1620024
Tetrahydrofuran	U		0.450	2.50	5	02/20/2021 16:16	WG1620024
Iodomethane	U		1.21	2.50	5	02/20/2021 16:16	WG1620024
Allyl chloride	U		2.90	5.00	5	02/20/2021 16:16	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.280	1.00	5	02/20/2021 16:16	WG1620024
(S) Toluene-d8	*118*			*75.0-131*		*02/20/2021 16:16*	WG1620024
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/20/2021 16:16*	WG1620024
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/20/2021 16:16*	WG1620024

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	696	J	594	5000	1	02/17/2021 19:05	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	6650		102	1000	1	02/16/2021 22:25	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	9950		281	1000	10	02/17/2021 16:06	WG1619786
Manganese	3140		0.704	5.00	1	02/17/2021 15:05	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	4220		0.287	0.678	1	02/21/2021 09:36	WG1622728
Ethane	16.4		0.296	1.29	1	02/21/2021 09:36	WG1622728
Ethene	U		0.422	1.27	1	02/21/2021 09:36	WG1622728

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	02/20/2021 16:35	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 16:35	WG1620024
Benzene	0.0520		0.0160	0.0400	1	02/20/2021 16:35	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 16:35	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 16:35	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 16:35	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 16:35	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 16:35	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 16:35	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 16:35	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 16:35	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 16:35	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 16:35	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 16:35	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 16:35	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 16:35	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 16:35	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 16:35	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 16:35	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 16:35	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 16:35	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 16:35	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 16:35	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 16:35	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 16:35	WG1620024
1,1-Dichloroethane	0.0250	J	0.0230	0.100	1	02/20/2021 16:35	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 16:35	WG1620024
1,1-Dichloroethene	0.0420	J	0.0200	0.100	1	02/20/2021 16:35	WG1620024
cis-1,2-Dichloroethene	9.89		0.0276	0.100	1	02/20/2021 16:35	WG1620024
trans-1,2-Dichloroethene	0.125	J	0.0572	0.200	1	02/20/2021 16:35	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 16:35	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 16:35	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 16:35	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 16:35	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 16:35	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 16:35	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 16:35	WG1620024
Ethylbenzene	0.139		0.0212	0.100	1	02/20/2021 16:35	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 16:35	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 16:35	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 16:35	WG1620024
2-Butanone (MEK)	U		0.500	1.00	1	02/20/2021 16:35	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 16:35	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 16:35	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 16:35	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 16:35	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 16:35	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 16:35	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 16:35	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 16:35	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 16:35	WG1620024
Tetrachloroethene	U		0.0280	0.100	1	02/20/2021 16:35	WG1620024
Toluene	0.634		0.0500	0.200	1	02/20/2021 16:35	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 16:35	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 16:35	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 16:35	WG1620024
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 16:35	WG1620024
Trichloroethene	0.0860		0.0160	0.0400	1	02/20/2021 16:35	WG1620024
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 16:35	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 16:35	WG1620024
1,2,4-Trimethylbenzene	0.0710	J	0.0464	0.200	1	02/20/2021 16:35	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 16:35	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 16:35	WG1620024
Vinyl chloride	13.7	C5	0.0273	0.100	1	02/20/2021 16:35	WG1620024
Xylenes, Total	0.791		0.191	0.260	1	02/20/2021 16:35	WG1620024
Ethyl Ether	0.231		0.0170	0.100	1	02/20/2021 16:35	WG1620024
Tetrahydrofuran	U		0.0900	0.500	1	02/20/2021 16:35	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 16:35	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 16:35	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 16:35	WG1620024
(S) Toluene-d8	*119*			*75.0-131*		*02/20/2021 16:35*	WG1620024
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*02/20/2021 16:35*	WG1620024
(S) 1,2-Dichloroethane-d4	*95.4*			*70.0-130*		*02/20/2021 16:35*	WG1620024

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	36800		594	5000	1	02/17/2021 19:18	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	4330		102	1000	1	02/16/2021 22:37	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2440		140	500	5	02/17/2021 16:09	WG1619786
Manganese	659		0.704	5.00	1	02/17/2021 15:08	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	4050		0.287	0.678	1	02/21/2021 09:39	WG1622728
Ethane	U		0.296	1.29	1	02/21/2021 09:39	WG1622728
Ethene	302		0.422	1.27	1	02/21/2021 09:39	WG1622728

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		27.4	50.0	50	02/20/2021 16:54	WG1620024
Acrylonitrile	U		3.80	25.0	50	02/20/2021 16:54	WG1620024
Benzene	U		0.800	2.00	50	02/20/2021 16:54	WG1620024
Bromobenzene	U		2.10	25.0	50	02/20/2021 16:54	WG1620024
Bromodichloromethane	U		1.58	5.00	50	02/20/2021 16:54	WG1620024
Bromoform	U		12.0	50.0	50	02/20/2021 16:54	WG1620024
Bromomethane	U		7.40	25.0	50	02/20/2021 16:54	WG1620024
n-Butylbenzene	U		7.65	25.0	50	02/20/2021 16:54	WG1620024
sec-Butylbenzene	U		5.05	25.0	50	02/20/2021 16:54	WG1620024
tert-Butylbenzene	U		3.10	10.0	50	02/20/2021 16:54	WG1620024
Carbon tetrachloride	U		2.16	10.0	50	02/20/2021 16:54	WG1620024
Chlorobenzene	U		1.15	5.00	50	02/20/2021 16:54	WG1620024
Chlorodibromomethane	U		0.900	5.00	50	02/20/2021 16:54	WG1620024
Chloroethane	U		2.16	10.0	50	02/20/2021 16:54	WG1620024
Chloroform	U		0.830	5.00	50	02/20/2021 16:54	WG1620024
Chloromethane	U	J4	2.78	25.0	50	02/20/2021 16:54	WG1620024
2-Chlorotoluene	U		1.84	5.00	50	02/20/2021 16:54	WG1620024
4-Chlorotoluene	U		2.26	10.0	50	02/20/2021 16:54	WG1620024
1,2-Dibromo-3-Chloropropane	U		10.2	50.0	50	02/20/2021 16:54	WG1620024
1,2-Dibromoethane	U		1.05	5.00	50	02/20/2021 16:54	WG1620024
Dibromomethane	U		2.00	10.0	50	02/20/2021 16:54	WG1620024
1,2-Dichlorobenzene	U		2.90	10.0	50	02/20/2021 16:54	WG1620024
1,3-Dichlorobenzene	U		3.40	10.0	50	02/20/2021 16:54	WG1620024
1,4-Dichlorobenzene	U		3.94	10.0	50	02/20/2021 16:54	WG1620024
Dichlorodifluoromethane	U		1.64	5.00	50	02/20/2021 16:54	WG1620024
1,1-Dichloroethane	U		1.15	5.00	50	02/20/2021 16:54	WG1620024
1,2-Dichloroethane	U		0.950	5.00	50	02/20/2021 16:54	WG1620024
1,1-Dichloroethene	3.20	J	1.00	5.00	50	02/20/2021 16:54	WG1620024
cis-1,2-Dichloroethene	1750		1.38	5.00	50	02/20/2021 16:54	WG1620024
trans-1,2-Dichloroethene	7.80	J	2.86	10.0	50	02/20/2021 16:54	WG1620024
1,2-Dichloropropane	U		2.54	10.0	50	02/20/2021 16:54	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		1.40	5.00	50	02/20/2021 16:54	WG1620024
1,3-Dichloropropane	U		3.50	10.0	50	02/20/2021 16:54	WG1620024
cis-1,3-Dichloropropene	U		1.36	5.00	50	02/20/2021 16:54	WG1620024
trans-1,3-Dichloropropene	U		3.06	10.0	50	02/20/2021 16:54	WG1620024
2,2-Dichloropropane	U		1.59	5.00	50	02/20/2021 16:54	WG1620024
Di-isopropyl ether	U		0.700	2.00	50	02/20/2021 16:54	WG1620024
Ethylbenzene	U		1.06	5.00	50	02/20/2021 16:54	WG1620024
Hexachloro-1,3-butadiene	U		25.4	50.0	50	02/20/2021 16:54	WG1620024
Isopropylbenzene	U		1.73	5.00	50	02/20/2021 16:54	WG1620024
p-Isopropyltoluene	U		4.66	10.0	50	02/20/2021 16:54	WG1620024
2-Butanone (MEK)	U		25.0	50.0	50	02/20/2021 16:54	WG1620024
Methylene Chloride	U		13.3	50.0	50	02/20/2021 16:54	WG1620024
4-Methyl-2-pentanone (MIBK)	U		20.0	50.0	50	02/20/2021 16:54	WG1620024
Methyl tert-butyl ether	U		0.590	2.00	50	02/20/2021 16:54	WG1620024
Naphthalene	U		6.20	25.0	50	02/20/2021 16:54	WG1620024
n-Propylbenzene	U		2.36	10.0	50	02/20/2021 16:54	WG1620024
Styrene	U		5.45	25.0	50	02/20/2021 16:54	WG1620024
1,1,1,2-Tetrachloroethane	U		1.00	5.00	50	02/20/2021 16:54	WG1620024
1,1,2,2-Tetrachloroethane	U		0.780	5.00	50	02/20/2021 16:54	WG1620024
1,1,2-Trichlorotrifluoroethane	U		1.35	5.00	50	02/20/2021 16:54	WG1620024
Tetrachloroethene	U		1.40	5.00	50	02/20/2021 16:54	WG1620024
Toluene	U		2.50	10.0	50	02/20/2021 16:54	WG1620024
1,2,3-Trichlorobenzene	U		1.25	25.0	50	02/20/2021 16:54	WG1620024
1,2,4-Trichlorobenzene	U		9.65	25.0	50	02/20/2021 16:54	WG1620024
1,1,1-Trichloroethane	U		0.550	5.00	50	02/20/2021 16:54	WG1620024
1,1,2-Trichloroethane	U	J4	1.77	5.00	50	02/20/2021 16:54	WG1620024
Trichloroethene	9.90		0.800	2.00	50	02/20/2021 16:54	WG1620024
Trichlorofluoromethane	U		1.00	5.00	50	02/20/2021 16:54	WG1620024
1,2,3-Trichloropropane	U		10.2	25.0	50	02/20/2021 16:54	WG1620024
1,2,4-Trimethylbenzene	U		2.32	10.0	50	02/20/2021 16:54	WG1620024
1,2,3-Trimethylbenzene	U	J4	2.30	10.0	50	02/20/2021 16:54	WG1620024
1,3,5-Trimethylbenzene	U		2.16	10.0	50	02/20/2021 16:54	WG1620024
Vinyl chloride	3450	C5	1.36	5.00	50	02/20/2021 16:54	WG1620024
Xylenes, Total	U		9.55	13.0	50	02/20/2021 16:54	WG1620024
Ethyl Ether	U		0.850	5.00	50	02/20/2021 16:54	WG1620024
Tetrahydrofuran	U		4.50	25.0	50	02/20/2021 16:54	WG1620024
Iodomethane	U		12.1	25.0	50	02/20/2021 16:54	WG1620024
Allyl chloride	U		29.0	50.0	50	02/20/2021 16:54	WG1620024
Trans-1,4-Dichloro-2-butene	U		2.80	10.0	50	02/20/2021 16:54	WG1620024
(S) Toluene-d8	*120*			*75.0-131*		*02/20/2021 16:54*	WG1620024
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/20/2021 16:54*	WG1620024
(S) 1,2-Dichloroethane-d4	*99.9*			*70.0-130*		*02/20/2021 16:54*	WG1620024

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	79600		2970	25000	5	02/17/2021 19:31	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3080		102	1000	1	02/16/2021 22:51	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1170		28.1	100	1	02/17/2021 15:11	WG1619786
Manganese	2790		0.704	5.00	1	02/17/2021 15:11	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	1660		0.287	0.678	1	02/21/2021 09:41	WG1622728
Ethane	U		0.296	1.29	1	02/21/2021 09:41	WG1622728
Ethene	U		0.422	1.27	1	02/21/2021 09:41	WG1622728

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/20/2021 17:13	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 17:13	WG1620024
Benzene	0.125		0.0160	0.0400	1	02/20/2021 17:13	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 17:13	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 17:13	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 17:13	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 17:13	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 17:13	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 17:13	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 17:13	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 17:13	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 17:13	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 17:13	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 17:13	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 17:13	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 17:13	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 17:13	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 17:13	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 17:13	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 17:13	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 17:13	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 17:13	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 17:13	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 17:13	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 17:13	WG1620024
1,1-Dichloroethane	U		0.0230	0.100	1	02/20/2021 17:13	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 17:13	WG1620024
1,1-Dichloroethene	3.21		0.0200	0.100	1	02/20/2021 17:13	WG1620024
cis-1,2-Dichloroethene	401		0.690	2.50	25	02/21/2021 13:48	WG1623031
trans-1,2-Dichloroethene	2.99		0.0572	0.200	1	02/20/2021 17:13	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 17:13	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 17:13	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 17:13	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 17:13	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 17:13	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 17:13	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 17:13	WG1620024
Ethylbenzene	0.158		0.0212	0.100	1	02/20/2021 17:13	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 17:13	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 17:13	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 17:13	WG1620024
2-Butanone (MEK)	U		0.500	1.00	1	02/20/2021 17:13	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 17:13	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 17:13	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 17:13	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 17:13	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 17:13	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 17:13	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 17:13	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 17:13	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 17:13	WG1620024
Tetrachloroethene	602		0.700	2.50	25	02/21/2021 13:48	WG1623031
Toluene	0.784		0.0500	0.200	1	02/20/2021 17:13	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 17:13	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 17:13	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 17:13	WG1620024
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 17:13	WG1620024
Trichloroethene	302	J4	0.400	1.00	25	02/21/2021 13:48	WG1623031
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 17:13	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 17:13	WG1620024
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/20/2021 17:13	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 17:13	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 17:13	WG1620024
Vinyl chloride	0.833	C5	0.0273	0.100	1	02/20/2021 17:13	WG1620024
Xylenes, Total	0.791		0.191	0.260	1	02/20/2021 17:13	WG1620024
Ethyl Ether	U		0.0170	0.100	1	02/20/2021 17:13	WG1620024
Tetrahydrofuran	0.805		0.0900	0.500	1	02/20/2021 17:13	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 17:13	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 17:13	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 17:13	WG1620024
(S) Toluene-d8	*119*			*75.0-131*		*02/20/2021 17:13*	WG1620024
(S) Toluene-d8	*92.7*			*75.0-131*		*02/21/2021 13:48*	WG1623031
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/20/2021 17:13*	WG1620024
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/21/2021 13:48*	WG1623031
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*02/20/2021 17:13*	WG1620024
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*02/21/2021 13:48*	WG1623031

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/20/2021 17:32	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 17:32	WG1620024
Benzene	0.0680		0.0160	0.0400	1	02/20/2021 17:32	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 17:32	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 17:32	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 17:32	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 17:32	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 17:32	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 17:32	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 17:32	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 17:32	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 17:32	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 17:32	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 17:32	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 17:32	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 17:32	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 17:32	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 17:32	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 17:32	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 17:32	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 17:32	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 17:32	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 17:32	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 17:32	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 17:32	WG1620024
1,1-Dichloroethane	U		0.0230	0.100	1	02/20/2021 17:32	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 17:32	WG1620024
1,1-Dichloroethene	U		0.0200	0.100	1	02/20/2021 17:32	WG1620024
cis-1,2-Dichloroethene	3.40		0.0276	0.100	1	02/21/2021 13:29	WG1623031
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/20/2021 17:32	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 17:32	WG1620024
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 17:32	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 17:32	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 17:32	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 17:32	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 17:32	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 17:32	WG1620024
Ethylbenzene	0.0570	J	0.0212	0.100	1	02/20/2021 17:32	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 17:32	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 17:32	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 17:32	WG1620024
2-Butanone (MEK)	U		0.500	1.00	1	02/20/2021 17:32	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 17:32	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 17:32	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 17:32	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 17:32	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 17:32	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 17:32	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 17:32	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 17:32	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 17:32	WG1620024
Tetrachloroethene	0.183		0.0280	0.100	1	02/21/2021 13:29	WG1623031
Toluene	0.540		0.0500	0.200	1	02/20/2021 17:32	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 17:32	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 17:32	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 17:32	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 17:32	WG1620024
Trichloroethene	0.263	J4	0.0160	0.0400	1	02/21/2021 13:29	WG1623031
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 17:32	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 17:32	WG1620024
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/20/2021 17:32	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 17:32	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 17:32	WG1620024
Vinyl chloride	0.182	C5	0.0273	0.100	1	02/20/2021 17:32	WG1620024
Xylenes, Total	0.427		0.191	0.260	1	02/20/2021 17:32	WG1620024
Ethyl Ether	U		0.0170	0.100	1	02/20/2021 17:32	WG1620024
Tetrahydrofuran	U		0.0900	0.500	1	02/20/2021 17:32	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 17:32	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 17:32	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 17:32	WG1620024
(S) Toluene-d8	*119*			*75.0-131*		*02/20/2021 17:32*	WG1620024
(S) Toluene-d8	*91.5*			*75.0-131*		*02/21/2021 13:29*	WG1623031
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/20/2021 17:32*	WG1620024
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/21/2021 13:29*	WG1623031
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/20/2021 17:32*	WG1620024
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*02/21/2021 13:29*	WG1623031

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	25400		594	5000	1	02/17/2021 19:44	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1440	B	102	1000	1	02/16/2021 23:04	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4380		140	500	5	02/17/2021 16:12	WG1619786
Manganese	429		0.704	5.00	1	02/17/2021 15:15	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	452		0.287	0.678	1	02/21/2021 09:43	WG1622728
Ethane	43.5		0.296	1.29	1	02/21/2021 09:43	WG1622728
Ethene	26.1		0.422	1.27	1	02/21/2021 09:43	WG1622728

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/20/2021 17:51	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 17:51	WG1620024
Benzene	0.0420		0.0160	0.0400	1	02/20/2021 17:51	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 17:51	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 17:51	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 17:51	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 17:51	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 17:51	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 17:51	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 17:51	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 17:51	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 17:51	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 17:51	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 17:51	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 17:51	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 17:51	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 17:51	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 17:51	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 17:51	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 17:51	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 17:51	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 17:51	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 17:51	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 17:51	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 17:51	WG1620024
1,1-Dichloroethane	U		0.0230	0.100	1	02/20/2021 17:51	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 17:51	WG1620024
1,1-Dichloroethene	0.121		0.0200	0.100	1	02/20/2021 17:51	WG1620024
cis-1,2-Dichloroethene	14.5		0.0276	0.100	1	02/20/2021 17:51	WG1620024
trans-1,2-Dichloroethene	0.0720	J	0.0572	0.200	1	02/20/2021 17:51	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 17:51	WG1620024

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 17:51	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 17:51	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 17:51	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 17:51	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 17:51	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 17:51	WG1620024
Ethylbenzene	0.103		0.0212	0.100	1	02/20/2021 17:51	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 17:51	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 17:51	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 17:51	WG1620024
2-Butanone (MEK)	U		0.500	1.00	1	02/20/2021 17:51	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 17:51	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 17:51	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 17:51	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 17:51	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 17:51	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 17:51	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 17:51	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 17:51	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 17:51	WG1620024
Tetrachloroethene	0.320	J	0.140	0.500	5	02/21/2021 14:07	WG1623031
Toluene	0.955		0.0500	0.200	1	02/20/2021 17:51	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 17:51	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 17:51	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 17:51	WG1620024
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 17:51	WG1620024
Trichloroethene	U	J4	0.0800	0.200	5	02/21/2021 14:07	WG1623031
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 17:51	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 17:51	WG1620024
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/20/2021 17:51	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 17:51	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 17:51	WG1620024
Vinyl chloride	112		0.137	0.500	5	02/21/2021 14:07	WG1623031
Xylenes, Total	0.606		0.191	0.260	1	02/20/2021 17:51	WG1620024
Ethyl Ether	U		0.0170	0.100	1	02/20/2021 17:51	WG1620024
Tetrahydrofuran	U		0.0900	0.500	1	02/20/2021 17:51	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 17:51	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 17:51	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 17:51	WG1620024
(S) Toluene-d8	*122*			*75.0-131*		*02/20/2021 17:51*	WG1620024
(S) Toluene-d8	*91.7*			*75.0-131*		*02/21/2021 14:07*	WG1623031
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/20/2021 17:51*	WG1620024
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/21/2021 14:07*	WG1623031
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*		*02/20/2021 17:51*	WG1620024
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*02/21/2021 14:07*	WG1623031

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	31500		594	5000	1	02/17/2021 19:57	WG1621685

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2170		102	1000	1	02/16/2021 23:17	WG1621637

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2970		140	500	5	02/17/2021 16:16	WG1619786
Manganese	952		0.704	5.00	1	02/17/2021 15:18	WG1619786

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	3330		0.287	0.678	1	02/21/2021 09:45	WG1622728
Ethane	U		0.296	1.29	1	02/21/2021 09:45	WG1622728
Ethene	239		0.422	1.27	1	02/21/2021 09:45	WG1622728

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	3.21	C5	0.548	1.00	1	02/20/2021 15:20	WG1620024
Acrylonitrile	U		0.0760	0.500	1	02/20/2021 15:20	WG1620024
Benzene	0.105		0.0160	0.0400	1	02/20/2021 15:20	WG1620024
Bromobenzene	U		0.0420	0.500	1	02/20/2021 15:20	WG1620024
Bromodichloromethane	U		0.0315	0.100	1	02/20/2021 15:20	WG1620024
Bromoform	U		0.239	1.00	1	02/20/2021 15:20	WG1620024
Bromomethane	U		0.148	0.500	1	02/20/2021 15:20	WG1620024
n-Butylbenzene	U		0.153	0.500	1	02/20/2021 15:20	WG1620024
sec-Butylbenzene	U		0.101	0.500	1	02/20/2021 15:20	WG1620024
tert-Butylbenzene	U		0.0620	0.200	1	02/20/2021 15:20	WG1620024
Carbon tetrachloride	U		0.0432	0.200	1	02/20/2021 15:20	WG1620024
Chlorobenzene	U		0.0229	0.100	1	02/20/2021 15:20	WG1620024
Chlorodibromomethane	U		0.0180	0.100	1	02/20/2021 15:20	WG1620024
Chloroethane	U		0.0432	0.200	1	02/20/2021 15:20	WG1620024
Chloroform	U		0.0166	0.100	1	02/20/2021 15:20	WG1620024
Chloromethane	U	J4	0.0556	0.500	1	02/20/2021 15:20	WG1620024
2-Chlorotoluene	U		0.0368	0.100	1	02/20/2021 15:20	WG1620024
4-Chlorotoluene	U		0.0452	0.200	1	02/20/2021 15:20	WG1620024
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/20/2021 15:20	WG1620024
1,2-Dibromoethane	U		0.0210	0.100	1	02/20/2021 15:20	WG1620024
Dibromomethane	U		0.0400	0.200	1	02/20/2021 15:20	WG1620024
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/20/2021 15:20	WG1620024
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/20/2021 15:20	WG1620024
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/20/2021 15:20	WG1620024
Dichlorodifluoromethane	U		0.0327	0.100	1	02/20/2021 15:20	WG1620024
1,1-Dichloroethane	U		0.0230	0.100	1	02/20/2021 15:20	WG1620024
1,2-Dichloroethane	U		0.0190	0.100	1	02/20/2021 15:20	WG1620024
1,1-Dichloroethene	3.02		0.0200	0.100	1	02/20/2021 15:20	WG1620024
cis-1,2-Dichloroethene	2690		5.52	20.0	200	02/21/2021 14:26	WG1623031
trans-1,2-Dichloroethene	8.01		0.0572	0.200	1	02/20/2021 15:20	WG1620024
1,2-Dichloropropane	U		0.0508	0.200	1	02/20/2021 15:20	WG1620024

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/20/2021 15:20	WG1620024
1,3-Dichloropropane	U		0.0700	0.200	1	02/20/2021 15:20	WG1620024
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/20/2021 15:20	WG1620024
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/20/2021 15:20	WG1620024
2,2-Dichloropropane	U		0.0317	0.100	1	02/20/2021 15:20	WG1620024
Di-isopropyl ether	U		0.0140	0.0400	1	02/20/2021 15:20	WG1620024
Ethylbenzene	0.183		0.0212	0.100	1	02/20/2021 15:20	WG1620024
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/20/2021 15:20	WG1620024
Isopropylbenzene	U		0.0345	0.100	1	02/20/2021 15:20	WG1620024
p-Isopropyltoluene	U		0.0932	0.200	1	02/20/2021 15:20	WG1620024
2-Butanone (MEK)	U		0.500	1.00	1	02/20/2021 15:20	WG1620024
Methylene Chloride	U		0.265	1.00	1	02/20/2021 15:20	WG1620024
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/20/2021 15:20	WG1620024
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/20/2021 15:20	WG1620024
Naphthalene	U		0.124	0.500	1	02/20/2021 15:20	WG1620024
n-Propylbenzene	U		0.0472	0.200	1	02/20/2021 15:20	WG1620024
Styrene	U		0.109	0.500	1	02/20/2021 15:20	WG1620024
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/20/2021 15:20	WG1620024
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/20/2021 15:20	WG1620024
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/20/2021 15:20	WG1620024
Tetrachloroethene	0.704	C5	0.0280	0.100	1	02/20/2021 15:20	WG1620024
Toluene	1.26		0.0500	0.200	1	02/20/2021 15:20	WG1620024
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/20/2021 15:20	WG1620024
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/20/2021 15:20	WG1620024
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/20/2021 15:20	WG1620024
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/20/2021 15:20	WG1620024
Trichloroethene	3.52		0.0160	0.0400	1	02/20/2021 15:20	WG1620024
Trichlorofluoromethane	U		0.0200	0.100	1	02/20/2021 15:20	WG1620024
1,2,3-Trichloropropane	U		0.204	0.500	1	02/20/2021 15:20	WG1620024
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/20/2021 15:20	WG1620024
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/20/2021 15:20	WG1620024
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/20/2021 15:20	WG1620024
Vinyl chloride	3910		5.46	20.0	200	02/21/2021 14:26	WG1623031
Xylenes, Total	0.958		0.191	0.260	1	02/20/2021 15:20	WG1620024
Ethyl Ether	U		0.0170	0.100	1	02/20/2021 15:20	WG1620024
Tetrahydrofuran	U		0.0900	0.500	1	02/20/2021 15:20	WG1620024
Iodomethane	U		0.242	0.500	1	02/20/2021 15:20	WG1620024
Allyl chloride	U		0.580	1.00	1	02/20/2021 15:20	WG1620024
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/20/2021 15:20	WG1620024
(S) Toluene-d8	*119*			*75.0-131*		*02/20/2021 15:20*	WG1620024
(S) Toluene-d8	*93.6*			*75.0-131*		*02/21/2021 14:26*	WG1623031
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/20/2021 15:20*	WG1620024
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/21/2021 14:26*	WG1623031
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/20/2021 15:20*	WG1620024
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*02/21/2021 14:26*	WG1623031

Method Blank (MB)

(MB) R3623086-1 02/17/21 15:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Sulfate	U		594	5000

L1315830-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1315830-01 02/17/21 16:19 • (DUP) R3623086-3 02/17/21 16:32

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	44300	44400	1	0.338		15

L1315830-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1315830-15 02/17/21 19:57 • (DUP) R3623086-6 02/17/21 20:11

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	31500	31200	1	0.687		15

Laboratory Control Sample (LCS)

(LCS) R3623086-2 02/17/21 15:53

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40000	42200	105	80.0-120	

L1315830-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1315830-03 02/17/21 16:57 • (MS) R3623086-4 02/17/21 17:10 • (MSD) R3623086-5 02/17/21 17:23

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfate	50000	16700	69400	69100	105	105	1	80.0-120			0.493	15

Method Blank (MB)

(MB) R3622720-1 02/16/21 13:40

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	145	J	102	1000

L1315475-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1315475-02 02/16/21 16:12 • (DUP) R3622720-3 02/16/21 16:24

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	5950	5870	1	1.40		20

L1315830-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1315830-07 02/16/21 19:59 • (DUP) R3622720-6 02/16/21 20:12

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	907	898	1	0.931	J	20

Laboratory Control Sample (LCS)

(LCS) R3622720-2 02/16/21 14:07

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	75000	100	85.0-115	

L1315830-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1315830-02 02/16/21 18:35 • (MS) R3622720-4 02/16/21 18:49 • (MSD) R3622720-5 02/16/21 19:06

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	11400	60100	60400	97.5	98.0	1	80.0-120			0.465	20

L1315830-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1315830-08 02/16/21 21:19 • (MS) R3622720-7 02/16/21 21:41 • (MSD) R3622720-8 02/16/21 21:55

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	955	48200	50200	94.6	98.5	1	80.0-120			4.02	20

Method Blank (MB)

(MB) R3622825-1 02/17/21 13:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		28.1	100
Manganese	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3622825-2 02/17/21 13:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	5000	5420	108	80.0-120	
Manganese	50.0	49.8	99.6	80.0-120	

L1315706-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1315706-03 02/17/21 13:53 • (MS) R3622825-4 02/17/21 13:59 • (MSD) R3622825-5 02/17/21 14:03

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	5000	5270	10200	10200	98.9	99.0	1	75.0-125			0.0460	20
Manganese	50.0	1300	1360	1350	114	107	1	75.0-125			0.241	20

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3623474-2 02/20/21 12:18

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		0.287	0.678
Ethane	U		0.296	1.29
Ethene	U		0.422	1.27

L1315627-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1315627-08 02/20/21 12:43 • (DUP) R3623474-3 02/20/21 13:58

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	U	U	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1315830-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1315830-05 02/20/21 14:08 • (DUP) R3623474-4 02/20/21 14:33

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	9.16	10.1	1	9.76		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3623474-1 02/20/21 11:56 • (LCSD) R3623474-5 02/20/21 14:44

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	58.0	70.2	85.5	104	85.0-115			19.0	20
Ethane	129	130	129	101	100	85.0-115			0.772	20
Ethene	127	124	123	97.6	96.9	85.0-115			0.810	20

Method Blank (MB)

(MB) R3623630-2 02/21/21 09:07

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		0.287	0.678
Ethane	U		0.296	1.29
Ethene	U		0.422	1.27

L1315830-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1315830-14 02/21/21 09:43 • (DUP) R3623630-3 02/21/21 10:09

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	452	469	1	3.69		20
Ethane	43.5	46.4	1	6.45		20
Ethene	26.1	27.9	1	6.67		20

L1316241-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1316241-04 02/21/21 10:45 • (DUP) R3623630-4 02/21/21 10:50

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	35.5	34.2	1	3.73		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3623630-1 02/21/21 08:51 • (LCSD) R3623630-5 02/21/21 10:56

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	65.8	65.8	97.1	97.1	85.0-115			0.000	20
Ethane	129	126	123	97.7	95.3	85.0-115			2.41	20
Ethene	127	124	121	97.6	95.3	85.0-115			2.45	20

Method Blank (MB)

(MB) R3623488-2 02/20/21 15:02

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		0.287	0.678

L1315830-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1315830-04 02/20/21 15:15 • (DUP) R3623488-3 02/20/21 15:26

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	20100	20200	10	0.496		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3623488-1 02/20/21 15:00 • (LCSD) R3623488-4 02/20/21 15:29

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	74.7	69.6	110	103	85.0-115			7.07	20

Method Blank (MB)

(MB) R3623576-2 02/20/21 10:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3623576-2 02/20/21 10:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*118*			*75.0-131*
(S) 4-Bromofluorobenzene	*104*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3623576-1 02/20/21 09:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	27.0	108	10.0-160	
Acrylonitrile	25.0	33.1	132	45.0-153	
Benzene	5.00	4.53	90.6	70.0-123	
Bromobenzene	5.00	5.19	104	73.0-121	
Bromodichloromethane	5.00	4.34	86.8	73.0-121	
Bromoform	5.00	5.03	101	64.0-132	
Bromomethane	5.00	5.14	103	56.0-147	
n-Butylbenzene	5.00	4.37	87.4	68.0-135	
sec-Butylbenzene	5.00	4.68	93.6	74.0-130	
tert-Butylbenzene	5.00	4.88	97.6	75.0-127	
Carbon tetrachloride	5.00	4.39	87.8	66.0-128	
Chlorobenzene	5.00	5.70	114	76.0-128	
Chlorodibromomethane	5.00	5.23	105	74.0-127	
Chloroethane	5.00	5.26	105	61.0-134	
Chloroform	5.00	4.75	95.0	72.0-123	
Chloromethane	5.00	8.50	170	51.0-138	J4
2-Chlorotoluene	5.00	4.89	97.8	75.0-124	
4-Chlorotoluene	5.00	4.90	98.0	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.81	96.2	59.0-130	
1,2-Dibromoethane	5.00	5.68	114	74.0-128	
Dibromomethane	5.00	4.32	86.4	75.0-122	
1,2-Dichlorobenzene	5.00	5.26	105	76.0-124	
1,3-Dichlorobenzene	5.00	5.15	103	76.0-125	
1,4-Dichlorobenzene	5.00	5.10	102	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	6.25	125	45.0-143	
Dichlorodifluoromethane	5.00	5.61	112	43.0-156	
1,1-Dichloroethane	5.00	4.81	96.2	70.0-127	
1,2-Dichloroethane	5.00	5.23	105	65.0-131	
1,1-Dichloroethene	5.00	5.44	109	65.0-131	
cis-1,2-Dichloroethene	5.00	5.10	102	73.0-125	
trans-1,2-Dichloroethene	5.00	4.92	98.4	71.0-125	
1,2-Dichloropropane	5.00	5.07	101	74.0-125	
1,1-Dichloropropene	5.00	4.42	88.4	73.0-125	
1,3-Dichloropropane	5.00	5.20	104	80.0-125	
cis-1,3-Dichloropropene	5.00	4.38	87.6	76.0-127	
trans-1,3-Dichloropropene	5.00	5.06	101	73.0-127	
2,2-Dichloropropane	5.00	5.12	102	59.0-135	
Di-isopropyl ether	5.00	5.94	119	60.0-136	
Ethylbenzene	5.00	5.56	111	74.0-126	
Ethyl ether	5.00	5.46	109	64.0-137	

Laboratory Control Sample (LCS)

(LCS) R3623576-1 02/20/21 09:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Hexachloro-1,3-butadiene	5.00	5.79	116	57.0-150	
Iodomethane	25.0	22.6	90.4	74.0-134	
Isopropylbenzene	5.00	5.22	104	72.0-127	
p-Isopropyltoluene	5.00	4.84	96.8	72.0-133	
2-Butanone (MEK)	25.0	31.8	127	30.0-160	
Methylene Chloride	5.00	4.62	92.4	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	32.5	130	56.0-143	
Methyl tert-butyl ether	5.00	4.83	96.6	66.0-132	
Naphthalene	5.00	5.16	103	59.0-130	
n-Propylbenzene	5.00	4.54	90.8	74.0-126	
Styrene	5.00	5.24	105	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.73	94.6	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	4.62	92.4	68.0-128	
Tetrachloroethene	5.00	6.00	120	70.0-136	
Tetrahydrofuran	5.00	5.73	115	37.0-146	
Toluene	5.00	5.40	108	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	4.83	96.6	61.0-139	
1,2,3-Trichlorobenzene	5.00	5.17	103	59.0-139	
1,2,4-Trichlorobenzene	5.00	5.18	104	62.0-137	
1,1,1-Trichloroethane	5.00	4.64	92.8	69.0-126	
1,1,2-Trichloroethane	5.00	6.25	125	78.0-123	J4
Trichloroethene	5.00	5.25	105	76.0-126	
Trichlorofluoromethane	5.00	4.81	96.2	61.0-142	
1,2,3-Trichloropropane	5.00	4.94	98.8	67.0-129	
1,2,3-Trimethylbenzene	5.00	6.29	126	74.0-124	J4
1,2,4-Trimethylbenzene	5.00	4.85	97.0	70.0-126	
1,3,5-Trimethylbenzene	5.00	4.82	96.4	73.0-127	
Vinyl chloride	5.00	6.38	128	63.0-134	
Xylenes, Total	15.0	16.4	109	72.0-127	
Allyl chloride	25.0	23.8	95.2	70.0-131	
(S) Toluene-d8			*117*	*75.0-131*	
(S) 4-Bromofluorobenzene			*103*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*104*	*70.0-130*	

Method Blank (MB)

(MB) R3623679-2 02/21/21 10:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
cis-1,2-Dichloroethene	U		0.0276	0.100
Tetrachloroethene	U		0.0280	0.100
Trichloroethene	U		0.0160	0.0400
Vinyl chloride	U		0.0273	0.100
(S) Toluene-d8	*92.6*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3623679-1 02/21/21 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	5.00	5.90	118	73.0-125	
Tetrachloroethene	5.00	4.58	91.6	70.0-136	
Trichloroethene	5.00	6.87	137	76.0-126	J4
Vinyl chloride	5.00	5.94	119	63.0-134	
(S) Toluene-d8			*94.4*	*75.0-131*	
(S) 4-Bromofluorobenzene			*103*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*111*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.

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* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

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California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
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Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
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Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
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Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
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[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

PES Environmental, Inc.- WA

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Seattle, WA 98121

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Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.004.05.601

Lab Project # PESENVSWA-ALP

Collected by (print): HRC / BLH

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
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___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard TAT

Chain of Custody Page 1 of 2

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SDG # L1315830

M059

Acctnum: PESENVSWA
Template: T180703
Prelogin: P822447
PM: 546 - Jared Starkey
PB:
Shipped Via:

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK 125mlHDPE-NoPres	FEG,MNG 250mlHDPE-HNO3	NO3,CL,SO4 by 9056 125mlHDPE-NoPres	NWTPHGX 40mlAmb HCl	RSK175LL 40mlAmb-HCl	SULFATE 125mlHDPE-NoPres	TOC 250mlHDPE-HCl	V8260ULLC 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-143-020821	Grab	GW	75	2/8/21	1030	8		X			X	X	X	X		-01
MW-156-020821	"	GW	45	"	1040	8		X			X	X	X	X		-02
MW-142-020821	"	GW	45	"	1120	8		X			X	X	X	X		-03
MW-159-020821	"	GW	25	"	1205	8		X			X	X	X	X		-04
MW-154-020821	"	GW	30	"	1350	8		X			X	X	X	X		-05
MW-325-020821	"	GW	40	"	1435	3								X		-06
MW-947-020921	"	GW	125	2/9/21	815	8		X			X	X	X	X		-07
MW-153-020921	"	GW	125	"	940	8		X			X	X	X	X		-08
MW108-020921	"	GW	45	"	1015	8		X			X	X	X	X		-09
MW109-020921	"	GW	40	"	1145	8		X			X	X	X	X		-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 9517 5748 8882

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
[signature]	2/9/21	1645			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.7+0.1 °C Bottles Received: 110	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 2/10/21 Time: 0900	Hold: / Condition: NCF / OK

PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.00.05.601

Lab Project # PESENVSWA-ALP

Collected by (print): HRC/BLH

Site/Facility ID #

P.O. #

Collected by (signature): Hank Cohn

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK 125mlHDPE-NoPres	FEG,MNG 250mlHDPE-HNO3	NO3,CL,SO4 by 9056 125mlHDPE-NoPres	NWTPHGX 40mlAmb HCl	RSK175LL 40mlAmb-HCl	SULFATE 125mlHDPE-NoPres	TOC 250mlHDPE-HCl	V8260ULLC 40mlAmb-HCl			Remarks	Sample # (lab only)
MW-147-020921	Grab	GW	75	2/9/21	1225	8		X			X	X	X	X				-11
MW110-020921	"	GW	40	"	1345	8		X			X	X	X	X				-12
MW-326-020921	"	GW	95	"	1515	3								X				-13
MW111-020921	"	GW	75	"	1545	8		X			X	X	X	X				-14
MW-146-020821	"	GW	45	2/8/21	1530	8		X			X	X	X	X				-15
		GW																
		GW																
		GW																
		GW																
		GW																

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1315830

Table #

Acctnum: PESENVSWA

Template: T180703

Prelogin: P822447

PM: 546 - Jared Starkey

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Hank Cohn	2/9/21	1645			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.6 °C 1±0.7	Bottles Received: 110
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/10/21	Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

February 23, 2021

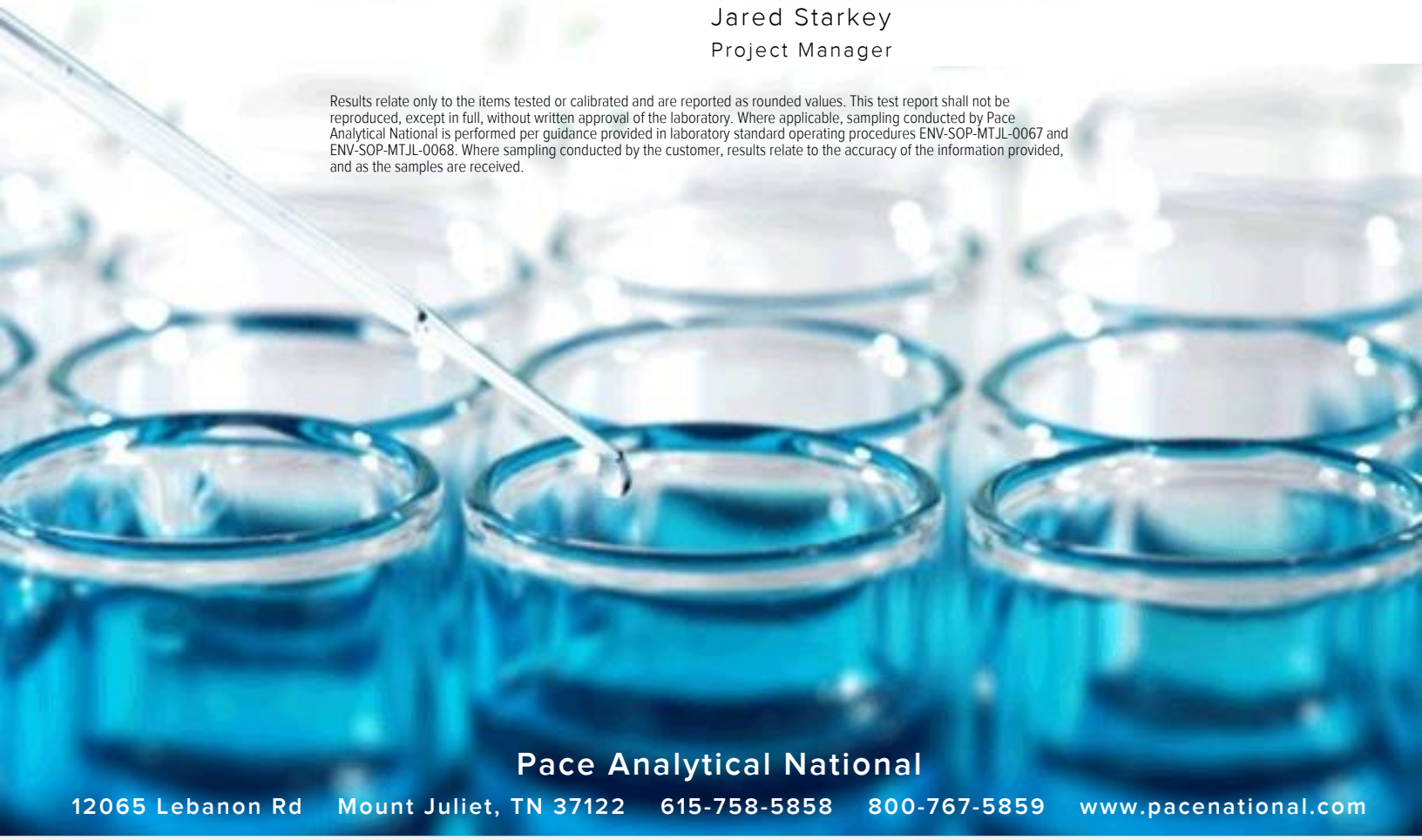
PES Environmental, Inc.- WA

Sample Delivery Group:	L1317227
Samples Received:	02/13/2021
Project Number:	1413.001.05.601
Description:	American Linen
Report To:	Brian O'Neal/Bill Haldeman
	1215 Fourth Ave., Suite 1310
	Seattle, WA 98121

Entire Report Reviewed By:

Jared Starkey
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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MW104-021021 L1317227-01 GW

Collected by: BLH/HRC | Collected date/time: 02/10/21 09:05 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 13:51	02/21/21 13:51	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 02:46	02/22/21 02:46	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 10:18	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:12	02/23/21 13:12	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1621779	1	02/17/21 13:34	02/17/21 13:34	DWR	Mt. Juliet, TN

MW113-021021 L1317227-02 GW

Collected by: BLH/HRC | Collected date/time: 02/10/21 09:20 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 21:31	02/21/21 21:31	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 03:58	02/22/21 03:58	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 08:42	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:14	02/23/21 13:14	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623029	1	02/21/21 18:32	02/21/21 18:32	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623654	1	02/22/21 18:29	02/22/21 18:29	BMB	Mt. Juliet, TN

MW119-021021 L1317227-03 GW

Collected by: BLH/HRC | Collected date/time: 02/10/21 10:10 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 21:18	02/21/21 21:18	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 04:12	02/22/21 04:12	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 10:22	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:17	02/23/21 13:17	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1621779	1	02/17/21 13:53	02/17/21 13:53	DWR	Mt. Juliet, TN

FMW-129-021021 L1317227-04 GW

Collected by: BLH/HRC | Collected date/time: 02/10/21 12:20 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 14:46	02/21/21 14:46	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 04:41	02/22/21 04:41	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 10:25	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:19	02/23/21 13:19	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1621779	1	02/17/21 14:12	02/17/21 14:12	DWR	Mt. Juliet, TN

MW-336-021021 L1317227-05 GW

Collected by: BLH/HRC | Collected date/time: 02/10/21 12:40 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1621779	1	02/17/21 14:31	02/17/21 14:31	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1622037	5	02/20/21 11:49	02/20/21 11:49	BMB	Mt. Juliet, TN

MW126-021021 L1317227-06 GW

Collected by: BLH/HRC | Collected date/time: 02/10/21 13:15 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 14:59	02/21/21 14:59	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 04:53	02/22/21 04:53	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 10:28	LAT	Mt. Juliet, TN

MW126-021021 L1317227-06 GW

Collected by: BLH/HRC | Collected date/time: 02/10/21 13:15 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:21	02/23/21 13:21	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1621779	1	02/17/21 14:50	02/17/21 14:50	DWR	Mt. Juliet, TN

MW-335-021021 L1317227-07 GW

Collected by: BLH/HRC | Collected date/time: 02/10/21 14:00 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1621779	10	02/17/21 17:21	02/17/21 17:21	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1622037	25	02/20/21 12:08	02/20/21 12:08	BMB	Mt. Juliet, TN

MW103-021021 L1317227-08 GW

Collected by: BLH/HRC | Collected date/time: 02/10/21 15:15 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 15:12	02/21/21 15:12	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 05:07	02/22/21 05:07	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 10:31	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:24	02/23/21 13:24	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1621779	1	02/17/21 15:09	02/17/21 15:09	DWR	Mt. Juliet, TN

BB-8-021121 L1317227-09 GW

Collected by: BLH/HRC | Collected date/time: 02/11/21 09:50 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	5	02/21/21 15:51	02/21/21 15:51	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 05:19	02/22/21 05:19	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 10:35	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:26	02/23/21 13:26	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1621779	1	02/17/21 15:28	02/17/21 15:28	DWR	Mt. Juliet, TN

MW105-021121 L1317227-10 GW

Collected by: BLH/HRC | Collected date/time: 02/11/21 10:15 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 16:04	02/21/21 16:04	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 05:30	02/22/21 05:30	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 10:38	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:29	02/23/21 13:29	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1621779	1	02/17/21 15:47	02/17/21 15:47	DWR	Mt. Juliet, TN

MW-948-021121 L1317227-11 GW

Collected by: BLH/HRC | Collected date/time: 02/11/21 08:00 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 16:17	02/21/21 16:17	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 12:39	02/22/21 12:39	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 10:42	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1621855	1	02/21/21 05:32	02/21/21 05:32	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:35	02/23/21 13:35	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1621779	1	02/17/21 16:06	02/17/21 16:06	DWR	Mt. Juliet, TN

R-MW5-021121 L1317227-12 GW

Collected by: BLH/HRC | Collected date/time: 02/11/21 11:45 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 16:30	02/21/21 16:30	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 07:01	02/22/21 07:01	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 10:57	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1621855	1	02/21/21 05:54	02/21/21 05:54	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:41	02/23/21 13:41	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623108	1	02/21/21 14:44	02/21/21 14:44	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623651	1	02/22/21 19:11	02/22/21 19:11	BMB	Mt. Juliet, TN

MW-138-021121 L1317227-13 GW

Collected by: BLH/HRC | Collected date/time: 02/11/21 12:30 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 16:44	02/21/21 16:44	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 07:42	02/22/21 07:42	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 11:00	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:43	02/23/21 13:43	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623108	1	02/21/21 15:03	02/21/21 15:03	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623651	1	02/22/21 19:31	02/22/21 19:31	BMB	Mt. Juliet, TN

MW112-021121 L1317227-14 GW

Collected by: BLH/HRC | Collected date/time: 02/11/21 13:40 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 16:57	02/21/21 16:57	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 07:54	02/22/21 07:54	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 11:04	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:45	02/23/21 13:45	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623108	1	02/21/21 15:22	02/21/21 15:22	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623651	1	02/22/21 19:52	02/22/21 19:52	BMB	Mt. Juliet, TN

MW116-021121 L1317227-15 GW

Collected by: BLH/HRC | Collected date/time: 02/11/21 14:40 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 17:10	02/21/21 17:10	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 08:07	02/22/21 08:07	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 11:07	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:47	02/23/21 13:47	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1624302	10	02/23/21 15:14	02/23/21 15:14	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623108	1	02/21/21 15:41	02/21/21 15:41	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623651	1	02/22/21 20:13	02/22/21 20:13	BMB	Mt. Juliet, TN

EQ-021121 L1317227-16 GW

Collected by: BLH/HRC | Collected date/time: 02/11/21 15:20 | Received date/time: 02/13/21 11:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG1622758	1	02/21/21 17:23	02/21/21 17:23	LBR	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG1623226	1	02/22/21 08:24	02/22/21 08:24	MJA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG1623308	1	02/23/21 04:17	02/23/21 11:10	LAT	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG1621855	1	02/21/21 06:15	02/21/21 06:15	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG1623952	1	02/23/21 13:50	02/23/21 13:50	DAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623108	1	02/21/21 12:32	02/21/21 12:32	ACG	Mt. Juliet, TN

EQ-021121 L1317227-16 GW

			Collected by	Collected date/time	Received date/time	
			BLH/HRC	02/11/21 15:20	02/13/21 11:30	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1623651	1	02/22/21 20:34	02/22/21 20:34	BMB	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jared Starkey
Project Manager

Sample Delivery Group (SDG) Narrative

Analyzed from headspace vial.

Lab Sample ID	Project Sample ID	Method
L1317227-02	MW113-021021	8260D

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	5290		594	5000	1	02/21/2021 13:51	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	2490	B	102	1000	1	02/22/2021 02:46	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	2830		28.1	100	1	02/23/2021 10:18	WG1623308
Manganese	627		0.704	5.00	1	02/23/2021 10:18	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	139		0.287	0.678	1	02/23/2021 13:12	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:12	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:12	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.91		0.548	1.00	1	02/17/2021 13:34	WG1621779
Acrylonitrile	U		0.0760	0.500	1	02/17/2021 13:34	WG1621779
Benzene	0.0450		0.0160	0.0400	1	02/17/2021 13:34	WG1621779
Bromobenzene	U		0.0420	0.500	1	02/17/2021 13:34	WG1621779
Bromodichloromethane	U		0.0315	0.100	1	02/17/2021 13:34	WG1621779
Bromoform	U		0.239	1.00	1	02/17/2021 13:34	WG1621779
Bromomethane	U		0.148	0.500	1	02/17/2021 13:34	WG1621779
n-Butylbenzene	U		0.153	0.500	1	02/17/2021 13:34	WG1621779
sec-Butylbenzene	U		0.101	0.500	1	02/17/2021 13:34	WG1621779
tert-Butylbenzene	U		0.0620	0.200	1	02/17/2021 13:34	WG1621779
Carbon tetrachloride	U		0.0432	0.200	1	02/17/2021 13:34	WG1621779
Chlorobenzene	U		0.0229	0.100	1	02/17/2021 13:34	WG1621779
Chlorodibromomethane	U		0.0180	0.100	1	02/17/2021 13:34	WG1621779
Chloroethane	1.20		0.0432	0.200	1	02/17/2021 13:34	WG1621779
Chloroform	U		0.0166	0.100	1	02/17/2021 13:34	WG1621779
Chloromethane	U	J4	0.0556	0.500	1	02/17/2021 13:34	WG1621779
2-Chlorotoluene	U		0.0368	0.100	1	02/17/2021 13:34	WG1621779
4-Chlorotoluene	U		0.0452	0.200	1	02/17/2021 13:34	WG1621779
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/17/2021 13:34	WG1621779
1,2-Dibromoethane	U		0.0210	0.100	1	02/17/2021 13:34	WG1621779
Dibromomethane	U		0.0400	0.200	1	02/17/2021 13:34	WG1621779
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/17/2021 13:34	WG1621779
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/17/2021 13:34	WG1621779
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/17/2021 13:34	WG1621779
Dichlorodifluoromethane	U		0.0327	0.100	1	02/17/2021 13:34	WG1621779
1,1-Dichloroethane	U		0.0230	0.100	1	02/17/2021 13:34	WG1621779
1,2-Dichloroethane	U		0.0190	0.100	1	02/17/2021 13:34	WG1621779
1,1-Dichloroethene	2.34		0.0200	0.100	1	02/17/2021 13:34	WG1621779
cis-1,2-Dichloroethene	43.9		0.0276	0.100	1	02/17/2021 13:34	WG1621779
trans-1,2-Dichloroethene	1.15		0.0572	0.200	1	02/17/2021 13:34	WG1621779
1,2-Dichloropropane	U		0.0508	0.200	1	02/17/2021 13:34	WG1621779

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/17/2021 13:34	WG1621779
1,3-Dichloropropane	U		0.0700	0.200	1	02/17/2021 13:34	WG1621779
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/17/2021 13:34	WG1621779
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/17/2021 13:34	WG1621779
2,2-Dichloropropane	U		0.0317	0.100	1	02/17/2021 13:34	WG1621779
Di-isopropyl ether	U		0.0140	0.0400	1	02/17/2021 13:34	WG1621779
Ethylbenzene	0.225		0.0212	0.100	1	02/17/2021 13:34	WG1621779
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/17/2021 13:34	WG1621779
Isopropylbenzene	U		0.0345	0.100	1	02/17/2021 13:34	WG1621779
p-Isopropyltoluene	U		0.0932	0.200	1	02/17/2021 13:34	WG1621779
2-Butanone (MEK)	U		0.500	1.00	1	02/17/2021 13:34	WG1621779
Methylene Chloride	U		0.265	1.00	1	02/17/2021 13:34	WG1621779
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/17/2021 13:34	WG1621779
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/17/2021 13:34	WG1621779
Naphthalene	U		0.124	0.500	1	02/17/2021 13:34	WG1621779
n-Propylbenzene	U		0.0472	0.200	1	02/17/2021 13:34	WG1621779
Styrene	U		0.109	0.500	1	02/17/2021 13:34	WG1621779
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/17/2021 13:34	WG1621779
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/17/2021 13:34	WG1621779
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/17/2021 13:34	WG1621779
Tetrachloroethene	1.52		0.0280	0.100	1	02/17/2021 13:34	WG1621779
Toluene	2.03		0.0500	0.200	1	02/17/2021 13:34	WG1621779
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/17/2021 13:34	WG1621779
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/17/2021 13:34	WG1621779
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/17/2021 13:34	WG1621779
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/17/2021 13:34	WG1621779
Trichloroethene	29.8		0.0160	0.0400	1	02/17/2021 13:34	WG1621779
Trichlorofluoromethane	U		0.0200	0.100	1	02/17/2021 13:34	WG1621779
1,2,3-Trichloropropane	U		0.204	0.500	1	02/17/2021 13:34	WG1621779
1,2,4-Trimethylbenzene	0.0830	J	0.0464	0.200	1	02/17/2021 13:34	WG1621779
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/17/2021 13:34	WG1621779
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/17/2021 13:34	WG1621779
Vinyl chloride	9.58		0.0273	0.100	1	02/17/2021 13:34	WG1621779
Xylenes, Total	1.18		0.191	0.260	1	02/17/2021 13:34	WG1621779
Ethyl Ether	U		0.0170	0.100	1	02/17/2021 13:34	WG1621779
Tetrahydrofuran	3.54	C5	0.0900	0.500	1	02/17/2021 13:34	WG1621779
Iodomethane	U		0.242	0.500	1	02/17/2021 13:34	WG1621779
Allyl chloride	U		0.580	1.00	1	02/17/2021 13:34	WG1621779
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/17/2021 13:34	WG1621779
(S) Toluene-d8	*118*			*75.0-131*		*02/17/2021 13:34*	WG1621779
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*02/17/2021 13:34*	WG1621779
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/17/2021 13:34*	WG1621779

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	4610	J	594	5000	1	02/21/2021 21:31	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1090	B	102	1000	1	02/22/2021 03:58	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	49.0	J	28.1	100	1	02/23/2021 08:42	WG1623308
Manganese	12.9		0.704	5.00	1	02/23/2021 08:42	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	U		0.287	0.678	1	02/23/2021 13:14	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:14	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:14	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.65	C5	0.548	1.00	1	02/21/2021 18:32	WG1623029
Acrylonitrile	U		0.0760	0.500	1	02/21/2021 18:32	WG1623029
Benzene	U		0.0160	0.0400	1	02/21/2021 18:32	WG1623029
Bromobenzene	U		0.0420	0.500	1	02/21/2021 18:32	WG1623029
Bromodichloromethane	U		0.0315	0.100	1	02/21/2021 18:32	WG1623029
Bromoform	U		0.239	1.00	1	02/21/2021 18:32	WG1623029
Bromomethane	U		0.148	0.500	1	02/21/2021 18:32	WG1623029
n-Butylbenzene	U		0.153	0.500	1	02/21/2021 18:32	WG1623029
sec-Butylbenzene	U		0.101	0.500	1	02/21/2021 18:32	WG1623029
tert-Butylbenzene	U		0.0620	0.200	1	02/21/2021 18:32	WG1623029
Carbon tetrachloride	U		0.0432	0.200	1	02/21/2021 18:32	WG1623029
Chlorobenzene	U		0.0229	0.100	1	02/21/2021 18:32	WG1623029
Chlorodibromomethane	U		0.0180	0.100	1	02/21/2021 18:32	WG1623029
Chloroethane	U		0.0432	0.200	1	02/21/2021 18:32	WG1623029
Chloroform	U		0.0166	0.100	1	02/21/2021 18:32	WG1623029
Chloromethane	U		0.0556	0.500	1	02/21/2021 18:32	WG1623029
2-Chlorotoluene	U		0.0368	0.100	1	02/21/2021 18:32	WG1623029
4-Chlorotoluene	U		0.0452	0.200	1	02/21/2021 18:32	WG1623029
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/21/2021 18:32	WG1623029
1,2-Dibromoethane	U		0.0210	0.100	1	02/21/2021 18:32	WG1623029
Dibromomethane	U		0.0400	0.200	1	02/21/2021 18:32	WG1623029
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/21/2021 18:32	WG1623029
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/21/2021 18:32	WG1623029
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/21/2021 18:32	WG1623029
Dichlorodifluoromethane	U		0.0327	0.100	1	02/21/2021 18:32	WG1623029
1,1-Dichloroethane	U		0.0230	0.100	1	02/21/2021 18:32	WG1623029
1,2-Dichloroethane	U		0.0190	0.100	1	02/21/2021 18:32	WG1623029
1,1-Dichloroethene	0.0630	J	0.0200	0.100	1	02/21/2021 18:32	WG1623029
cis-1,2-Dichloroethene	39.1		0.0276	0.100	1	02/21/2021 18:32	WG1623029
trans-1,2-Dichloroethene	0.0780	J	0.0572	0.200	1	02/22/2021 18:29	WG1623654
1,2-Dichloropropane	U		0.0508	0.200	1	02/21/2021 18:32	WG1623029

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/21/2021 18:32	WG1623029
1,3-Dichloropropane	U		0.0700	0.200	1	02/21/2021 18:32	WG1623029
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/21/2021 18:32	WG1623029
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/21/2021 18:32	WG1623029
2,2-Dichloropropane	U	J4	0.0317	0.100	1	02/21/2021 18:32	WG1623029
Di-isopropyl ether	U		0.0140	0.0400	1	02/21/2021 18:32	WG1623029
Ethylbenzene	U		0.0212	0.100	1	02/21/2021 18:32	WG1623029
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/21/2021 18:32	WG1623029
Isopropylbenzene	U		0.0345	0.100	1	02/21/2021 18:32	WG1623029
p-Isopropyltoluene	U		0.0932	0.200	1	02/21/2021 18:32	WG1623029
2-Butanone (MEK)	U		0.500	1.00	1	02/21/2021 18:32	WG1623029
Methylene Chloride	U		0.265	1.00	1	02/21/2021 18:32	WG1623029
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/21/2021 18:32	WG1623029
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/21/2021 18:32	WG1623029
Naphthalene	U	C3	0.124	0.500	1	02/21/2021 18:32	WG1623029
n-Propylbenzene	U		0.0472	0.200	1	02/21/2021 18:32	WG1623029
Styrene	U		0.109	0.500	1	02/21/2021 18:32	WG1623029
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/21/2021 18:32	WG1623029
1,1,2,2-Tetrachloroethane	U	J4	0.0156	0.100	1	02/21/2021 18:32	WG1623029
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/21/2021 18:32	WG1623029
Tetrachloroethene	3.04		0.0280	0.100	1	02/21/2021 18:32	WG1623029
Toluene	U		0.0500	0.200	1	02/21/2021 18:32	WG1623029
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/21/2021 18:32	WG1623029
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/21/2021 18:32	WG1623029
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/22/2021 18:29	WG1623654
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/21/2021 18:32	WG1623029
Trichloroethene	4.18		0.0160	0.0400	1	02/22/2021 18:29	WG1623654
Trichlorofluoromethane	U		0.0200	0.100	1	02/21/2021 18:32	WG1623029
1,2,3-Trichloropropane	U		0.204	0.500	1	02/21/2021 18:32	WG1623029
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/21/2021 18:32	WG1623029
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/21/2021 18:32	WG1623029
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/21/2021 18:32	WG1623029
Vinyl chloride	0.0710	J	0.0273	0.100	1	02/21/2021 18:32	WG1623029
Xylenes, Total	U		0.191	0.260	1	02/21/2021 18:32	WG1623029
Ethyl Ether	U		0.0170	0.100	1	02/21/2021 18:32	WG1623029
Tetrahydrofuran	0.183	C3 J	0.0900	0.500	1	02/21/2021 18:32	WG1623029
Iodomethane	U		0.242	0.500	1	02/21/2021 18:32	WG1623029
Allyl chloride	U		0.580	1.00	1	02/21/2021 18:32	WG1623029
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/21/2021 18:32	WG1623029
(S) Toluene-d8	*91.6*			*75.0-131*		*02/21/2021 18:32*	WG1623029
(S) Toluene-d8	*97.1*			*75.0-131*		*02/22/2021 18:29*	WG1623654
(S) 4-Bromofluorobenzene	*109*			*67.0-138*		*02/21/2021 18:32*	WG1623029
(S) 4-Bromofluorobenzene	*99.3*			*67.0-138*		*02/22/2021 18:29*	WG1623654
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*02/21/2021 18:32*	WG1623029
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*02/22/2021 18:29*	WG1623654

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	2460	J	594	5000	1	02/21/2021 21:18	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	7560		102	1000	1	02/22/2021 04:12	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	14400		28.1	100	1	02/23/2021 10:22	WG1623308
Manganese	3270		0.704	5.00	1	02/23/2021 10:22	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	3960		0.287	0.678	1	02/23/2021 13:17	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:17	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:17	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/17/2021 13:53	WG1621779
Acrylonitrile	U		0.0760	0.500	1	02/17/2021 13:53	WG1621779
Benzene	0.0470		0.0160	0.0400	1	02/17/2021 13:53	WG1621779
Bromobenzene	U		0.0420	0.500	1	02/17/2021 13:53	WG1621779
Bromodichloromethane	U		0.0315	0.100	1	02/17/2021 13:53	WG1621779
Bromoform	U		0.239	1.00	1	02/17/2021 13:53	WG1621779
Bromomethane	U		0.148	0.500	1	02/17/2021 13:53	WG1621779
n-Butylbenzene	U		0.153	0.500	1	02/17/2021 13:53	WG1621779
sec-Butylbenzene	U		0.101	0.500	1	02/17/2021 13:53	WG1621779
tert-Butylbenzene	U		0.0620	0.200	1	02/17/2021 13:53	WG1621779
Carbon tetrachloride	U		0.0432	0.200	1	02/17/2021 13:53	WG1621779
Chlorobenzene	U		0.0229	0.100	1	02/17/2021 13:53	WG1621779
Chlorodibromomethane	U		0.0180	0.100	1	02/17/2021 13:53	WG1621779
Chloroethane	U		0.0432	0.200	1	02/17/2021 13:53	WG1621779
Chloroform	U		0.0166	0.100	1	02/17/2021 13:53	WG1621779
Chloromethane	U	J4	0.0556	0.500	1	02/17/2021 13:53	WG1621779
2-Chlorotoluene	U		0.0368	0.100	1	02/17/2021 13:53	WG1621779
4-Chlorotoluene	U		0.0452	0.200	1	02/17/2021 13:53	WG1621779
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/17/2021 13:53	WG1621779
1,2-Dibromoethane	U		0.0210	0.100	1	02/17/2021 13:53	WG1621779
Dibromomethane	U		0.0400	0.200	1	02/17/2021 13:53	WG1621779
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/17/2021 13:53	WG1621779
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/17/2021 13:53	WG1621779
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/17/2021 13:53	WG1621779
Dichlorodifluoromethane	U		0.0327	0.100	1	02/17/2021 13:53	WG1621779
1,1-Dichloroethane	U		0.0230	0.100	1	02/17/2021 13:53	WG1621779
1,2-Dichloroethane	U		0.0190	0.100	1	02/17/2021 13:53	WG1621779
1,1-Dichloroethene	U		0.0200	0.100	1	02/17/2021 13:53	WG1621779
cis-1,2-Dichloroethene	6.05		0.0276	0.100	1	02/17/2021 13:53	WG1621779
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/17/2021 13:53	WG1621779
1,2-Dichloropropane	U		0.0508	0.200	1	02/17/2021 13:53	WG1621779

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/17/2021 13:53	WG1621779
1,3-Dichloropropane	U		0.0700	0.200	1	02/17/2021 13:53	WG1621779
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/17/2021 13:53	WG1621779
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/17/2021 13:53	WG1621779
2,2-Dichloropropane	U		0.0317	0.100	1	02/17/2021 13:53	WG1621779
Di-isopropyl ether	U		0.0140	0.0400	1	02/17/2021 13:53	WG1621779
Ethylbenzene	U		0.0212	0.100	1	02/17/2021 13:53	WG1621779
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/17/2021 13:53	WG1621779
Isopropylbenzene	U		0.0345	0.100	1	02/17/2021 13:53	WG1621779
p-Isopropyltoluene	U		0.0932	0.200	1	02/17/2021 13:53	WG1621779
2-Butanone (MEK)	U		0.500	1.00	1	02/17/2021 13:53	WG1621779
Methylene Chloride	U		0.265	1.00	1	02/17/2021 13:53	WG1621779
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/17/2021 13:53	WG1621779
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/17/2021 13:53	WG1621779
Naphthalene	U		0.124	0.500	1	02/17/2021 13:53	WG1621779
n-Propylbenzene	U		0.0472	0.200	1	02/17/2021 13:53	WG1621779
Styrene	U		0.109	0.500	1	02/17/2021 13:53	WG1621779
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/17/2021 13:53	WG1621779
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/17/2021 13:53	WG1621779
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/17/2021 13:53	WG1621779
Tetrachloroethene	0.0410	J	0.0280	0.100	1	02/17/2021 13:53	WG1621779
Toluene	U		0.0500	0.200	1	02/17/2021 13:53	WG1621779
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/17/2021 13:53	WG1621779
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/17/2021 13:53	WG1621779
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/17/2021 13:53	WG1621779
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/17/2021 13:53	WG1621779
Trichloroethene	0.511		0.0160	0.0400	1	02/17/2021 13:53	WG1621779
Trichlorofluoromethane	U		0.0200	0.100	1	02/17/2021 13:53	WG1621779
1,2,3-Trichloropropane	U		0.204	0.500	1	02/17/2021 13:53	WG1621779
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/17/2021 13:53	WG1621779
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/17/2021 13:53	WG1621779
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/17/2021 13:53	WG1621779
Vinyl chloride	0.134		0.0273	0.100	1	02/17/2021 13:53	WG1621779
Xylenes, Total	U		0.191	0.260	1	02/17/2021 13:53	WG1621779
Ethyl Ether	U		0.0170	0.100	1	02/17/2021 13:53	WG1621779
Tetrahydrofuran	U		0.0900	0.500	1	02/17/2021 13:53	WG1621779
Iodomethane	U		0.242	0.500	1	02/17/2021 13:53	WG1621779
Allyl chloride	U		0.580	1.00	1	02/17/2021 13:53	WG1621779
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/17/2021 13:53	WG1621779
(S) Toluene-d8	*121*			*75.0-131*		*02/17/2021 13:53*	WG1621779
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/17/2021 13:53*	WG1621779
(S) 1,2-Dichloroethane-d4	*98.1*			*70.0-130*		*02/17/2021 13:53*	WG1621779

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	4170	J	594	5000	1	02/21/2021 14:46	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1330	B	102	1000	1	02/22/2021 04:41	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	152		28.1	100	1	02/23/2021 10:25	WG1623308
Manganese	14.5		0.704	5.00	1	02/23/2021 10:25	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	U		0.287	0.678	1	02/23/2021 13:19	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:19	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:19	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.56		0.548	1.00	1	02/17/2021 14:12	WG1621779
Acrylonitrile	U		0.0760	0.500	1	02/17/2021 14:12	WG1621779
Benzene	U		0.0160	0.0400	1	02/17/2021 14:12	WG1621779
Bromobenzene	U		0.0420	0.500	1	02/17/2021 14:12	WG1621779
Bromodichloromethane	U		0.0315	0.100	1	02/17/2021 14:12	WG1621779
Bromoform	U		0.239	1.00	1	02/17/2021 14:12	WG1621779
Bromomethane	U		0.148	0.500	1	02/17/2021 14:12	WG1621779
n-Butylbenzene	U		0.153	0.500	1	02/17/2021 14:12	WG1621779
sec-Butylbenzene	U		0.101	0.500	1	02/17/2021 14:12	WG1621779
tert-Butylbenzene	U		0.0620	0.200	1	02/17/2021 14:12	WG1621779
Carbon tetrachloride	U		0.0432	0.200	1	02/17/2021 14:12	WG1621779
Chlorobenzene	U		0.0229	0.100	1	02/17/2021 14:12	WG1621779
Chlorodibromomethane	U		0.0180	0.100	1	02/17/2021 14:12	WG1621779
Chloroethane	U		0.0432	0.200	1	02/17/2021 14:12	WG1621779
Chloroform	U		0.0166	0.100	1	02/17/2021 14:12	WG1621779
Chloromethane	U	J4	0.0556	0.500	1	02/17/2021 14:12	WG1621779
2-Chlorotoluene	U		0.0368	0.100	1	02/17/2021 14:12	WG1621779
4-Chlorotoluene	U		0.0452	0.200	1	02/17/2021 14:12	WG1621779
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/17/2021 14:12	WG1621779
1,2-Dibromoethane	U		0.0210	0.100	1	02/17/2021 14:12	WG1621779
Dibromomethane	U		0.0400	0.200	1	02/17/2021 14:12	WG1621779
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/17/2021 14:12	WG1621779
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/17/2021 14:12	WG1621779
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/17/2021 14:12	WG1621779
Dichlorodifluoromethane	U		0.0327	0.100	1	02/17/2021 14:12	WG1621779
1,1-Dichloroethane	U		0.0230	0.100	1	02/17/2021 14:12	WG1621779
1,2-Dichloroethane	U		0.0190	0.100	1	02/17/2021 14:12	WG1621779
1,1-Dichloroethene	U		0.0200	0.100	1	02/17/2021 14:12	WG1621779
cis-1,2-Dichloroethene	42.5		0.0276	0.100	1	02/17/2021 14:12	WG1621779
trans-1,2-Dichloroethene	0.276		0.0572	0.200	1	02/17/2021 14:12	WG1621779
1,2-Dichloropropane	U		0.0508	0.200	1	02/17/2021 14:12	WG1621779

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/17/2021 14:12	WG1621779
1,3-Dichloropropane	U		0.0700	0.200	1	02/17/2021 14:12	WG1621779
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/17/2021 14:12	WG1621779
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/17/2021 14:12	WG1621779
2,2-Dichloropropane	U		0.0317	0.100	1	02/17/2021 14:12	WG1621779
Di-isopropyl ether	U		0.0140	0.0400	1	02/17/2021 14:12	WG1621779
Ethylbenzene	U		0.0212	0.100	1	02/17/2021 14:12	WG1621779
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/17/2021 14:12	WG1621779
Isopropylbenzene	U		0.0345	0.100	1	02/17/2021 14:12	WG1621779
p-Isopropyltoluene	U		0.0932	0.200	1	02/17/2021 14:12	WG1621779
2-Butanone (MEK)	U		0.500	1.00	1	02/17/2021 14:12	WG1621779
Methylene Chloride	U		0.265	1.00	1	02/17/2021 14:12	WG1621779
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/17/2021 14:12	WG1621779
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/17/2021 14:12	WG1621779
Naphthalene	U		0.124	0.500	1	02/17/2021 14:12	WG1621779
n-Propylbenzene	U		0.0472	0.200	1	02/17/2021 14:12	WG1621779
Styrene	U		0.109	0.500	1	02/17/2021 14:12	WG1621779
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/17/2021 14:12	WG1621779
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/17/2021 14:12	WG1621779
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/17/2021 14:12	WG1621779
Tetrachloroethene	2.42		0.0280	0.100	1	02/17/2021 14:12	WG1621779
Toluene	U		0.0500	0.200	1	02/17/2021 14:12	WG1621779
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/17/2021 14:12	WG1621779
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/17/2021 14:12	WG1621779
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/17/2021 14:12	WG1621779
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/17/2021 14:12	WG1621779
Trichloroethene	4.97		0.0160	0.0400	1	02/17/2021 14:12	WG1621779
Trichlorofluoromethane	U		0.0200	0.100	1	02/17/2021 14:12	WG1621779
1,2,3-Trichloropropane	U		0.204	0.500	1	02/17/2021 14:12	WG1621779
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/17/2021 14:12	WG1621779
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/17/2021 14:12	WG1621779
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/17/2021 14:12	WG1621779
Vinyl chloride	U		0.0273	0.100	1	02/17/2021 14:12	WG1621779
Xylenes, Total	U		0.191	0.260	1	02/17/2021 14:12	WG1621779
Ethyl Ether	U		0.0170	0.100	1	02/17/2021 14:12	WG1621779
Tetrahydrofuran	U		0.0900	0.500	1	02/17/2021 14:12	WG1621779
Iodomethane	U		0.242	0.500	1	02/17/2021 14:12	WG1621779
Allyl chloride	U		0.580	1.00	1	02/17/2021 14:12	WG1621779
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/17/2021 14:12	WG1621779
(S) Toluene-d8	*119*			*75.0-131*		*02/17/2021 14:12*	WG1621779
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/17/2021 14:12*	WG1621779
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/17/2021 14:12*	WG1621779

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.64		0.548	1.00	1	02/17/2021 14:31	WG1621779
Acrylonitrile	U		0.0760	0.500	1	02/17/2021 14:31	WG1621779
Benzene	0.0660		0.0160	0.0400	1	02/17/2021 14:31	WG1621779
Bromobenzene	U		0.0420	0.500	1	02/17/2021 14:31	WG1621779
Bromodichloromethane	U		0.0315	0.100	1	02/17/2021 14:31	WG1621779
Bromoform	U		0.239	1.00	1	02/17/2021 14:31	WG1621779
Bromomethane	U		0.148	0.500	1	02/17/2021 14:31	WG1621779
n-Butylbenzene	U		0.153	0.500	1	02/17/2021 14:31	WG1621779
sec-Butylbenzene	U		0.101	0.500	1	02/17/2021 14:31	WG1621779
tert-Butylbenzene	U		0.0620	0.200	1	02/17/2021 14:31	WG1621779
Carbon tetrachloride	U		0.0432	0.200	1	02/17/2021 14:31	WG1621779
Chlorobenzene	U		0.0229	0.100	1	02/17/2021 14:31	WG1621779
Chlorodibromomethane	U		0.0180	0.100	1	02/17/2021 14:31	WG1621779
Chloroethane	U		0.0432	0.200	1	02/17/2021 14:31	WG1621779
Chloroform	U		0.0166	0.100	1	02/17/2021 14:31	WG1621779
Chloromethane	U	J4	0.0556	0.500	1	02/17/2021 14:31	WG1621779
2-Chlorotoluene	U		0.0368	0.100	1	02/17/2021 14:31	WG1621779
4-Chlorotoluene	U		0.0452	0.200	1	02/17/2021 14:31	WG1621779
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/17/2021 14:31	WG1621779
1,2-Dibromoethane	U		0.0210	0.100	1	02/17/2021 14:31	WG1621779
Dibromomethane	U		0.0400	0.200	1	02/17/2021 14:31	WG1621779
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/17/2021 14:31	WG1621779
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/17/2021 14:31	WG1621779
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/17/2021 14:31	WG1621779
Dichlorodifluoromethane	U		0.0327	0.100	1	02/17/2021 14:31	WG1621779
1,1-Dichloroethane	U		0.0230	0.100	1	02/17/2021 14:31	WG1621779
1,2-Dichloroethane	U		0.0190	0.100	1	02/17/2021 14:31	WG1621779
1,1-Dichloroethene	U		0.0200	0.100	1	02/17/2021 14:31	WG1621779
cis-1,2-Dichloroethene	107		0.138	0.500	5	02/20/2021 11:49	WG1622037
trans-1,2-Dichloroethene	0.189	J	0.0572	0.200	1	02/17/2021 14:31	WG1621779
1,2-Dichloropropane	U		0.0508	0.200	1	02/17/2021 14:31	WG1621779
1,1-Dichloropropene	U		0.0280	0.100	1	02/17/2021 14:31	WG1621779
1,3-Dichloropropane	U		0.0700	0.200	1	02/17/2021 14:31	WG1621779
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/17/2021 14:31	WG1621779
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/17/2021 14:31	WG1621779
2,2-Dichloropropane	U		0.0317	0.100	1	02/17/2021 14:31	WG1621779
Di-isopropyl ether	U		0.0140	0.0400	1	02/17/2021 14:31	WG1621779
Ethylbenzene	0.0550	J	0.0212	0.100	1	02/17/2021 14:31	WG1621779
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/17/2021 14:31	WG1621779
Isopropylbenzene	U		0.0345	0.100	1	02/17/2021 14:31	WG1621779
p-Isopropyltoluene	U		0.0932	0.200	1	02/17/2021 14:31	WG1621779
2-Butanone (MEK)	U		0.500	1.00	1	02/17/2021 14:31	WG1621779
Methylene Chloride	U		0.265	1.00	1	02/17/2021 14:31	WG1621779
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/17/2021 14:31	WG1621779
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/17/2021 14:31	WG1621779
Naphthalene	U		0.124	0.500	1	02/17/2021 14:31	WG1621779
n-Propylbenzene	U		0.0472	0.200	1	02/17/2021 14:31	WG1621779
Styrene	U		0.109	0.500	1	02/17/2021 14:31	WG1621779
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/17/2021 14:31	WG1621779
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/17/2021 14:31	WG1621779
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/17/2021 14:31	WG1621779
Tetrachloroethene	U		0.0280	0.100	1	02/17/2021 14:31	WG1621779
Toluene	0.328		0.0500	0.200	1	02/17/2021 14:31	WG1621779
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/17/2021 14:31	WG1621779
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/17/2021 14:31	WG1621779
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/17/2021 14:31	WG1621779

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/17/2021 14:31	WG1621779
Trichloroethene	1.86		0.0160	0.0400	1	02/17/2021 14:31	WG1621779
Trichlorofluoromethane	U		0.0200	0.100	1	02/17/2021 14:31	WG1621779
1,2,3-Trichloropropane	U		0.204	0.500	1	02/17/2021 14:31	WG1621779
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/17/2021 14:31	WG1621779
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/17/2021 14:31	WG1621779
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/17/2021 14:31	WG1621779
Vinyl chloride	8.18		0.0273	0.100	1	02/17/2021 14:31	WG1621779
Xylenes, Total	0.225	J	0.191	0.260	1	02/17/2021 14:31	WG1621779
Ethyl Ether	0.0510	J	0.0170	0.100	1	02/17/2021 14:31	WG1621779
Tetrahydrofuran	U		0.0900	0.500	1	02/17/2021 14:31	WG1621779
Iodomethane	U		0.242	0.500	1	02/17/2021 14:31	WG1621779
Allyl chloride	U		0.580	1.00	1	02/17/2021 14:31	WG1621779
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/17/2021 14:31	WG1621779
(S) Toluene-d8	*119*			*75.0-131*		*02/17/2021 14:31*	WG1621779
(S) Toluene-d8	*119*			*75.0-131*		*02/20/2021 11:49*	WG1622037
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/17/2021 14:31*	WG1621779
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/20/2021 11:49*	WG1622037
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/17/2021 14:31*	WG1621779
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*02/20/2021 11:49*	WG1622037

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	6650		594	5000	1	02/21/2021 14:59	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	2600	B	102	1000	1	02/22/2021 04:53	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	245		28.1	100	1	02/23/2021 10:28	WG1623308
Manganese	262		0.704	5.00	1	02/23/2021 10:28	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	267		0.287	0.678	1	02/23/2021 13:21	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:21	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:21	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/17/2021 14:50	WG1621779
Acrylonitrile	U		0.0760	0.500	1	02/17/2021 14:50	WG1621779
Benzene	U		0.0160	0.0400	1	02/17/2021 14:50	WG1621779
Bromobenzene	U		0.0420	0.500	1	02/17/2021 14:50	WG1621779
Bromodichloromethane	U		0.0315	0.100	1	02/17/2021 14:50	WG1621779
Bromoform	U		0.239	1.00	1	02/17/2021 14:50	WG1621779
Bromomethane	U		0.148	0.500	1	02/17/2021 14:50	WG1621779
n-Butylbenzene	U		0.153	0.500	1	02/17/2021 14:50	WG1621779
sec-Butylbenzene	U		0.101	0.500	1	02/17/2021 14:50	WG1621779
tert-Butylbenzene	U		0.0620	0.200	1	02/17/2021 14:50	WG1621779
Carbon tetrachloride	U		0.0432	0.200	1	02/17/2021 14:50	WG1621779
Chlorobenzene	U		0.0229	0.100	1	02/17/2021 14:50	WG1621779
Chlorodibromomethane	U		0.0180	0.100	1	02/17/2021 14:50	WG1621779
Chloroethane	U		0.0432	0.200	1	02/17/2021 14:50	WG1621779
Chloroform	U		0.0166	0.100	1	02/17/2021 14:50	WG1621779
Chloromethane	U	J4	0.0556	0.500	1	02/17/2021 14:50	WG1621779
2-Chlorotoluene	U		0.0368	0.100	1	02/17/2021 14:50	WG1621779
4-Chlorotoluene	U		0.0452	0.200	1	02/17/2021 14:50	WG1621779
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/17/2021 14:50	WG1621779
1,2-Dibromoethane	U		0.0210	0.100	1	02/17/2021 14:50	WG1621779
Dibromomethane	U		0.0400	0.200	1	02/17/2021 14:50	WG1621779
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/17/2021 14:50	WG1621779
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/17/2021 14:50	WG1621779
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/17/2021 14:50	WG1621779
Dichlorodifluoromethane	U		0.0327	0.100	1	02/17/2021 14:50	WG1621779
1,1-Dichloroethane	U		0.0230	0.100	1	02/17/2021 14:50	WG1621779
1,2-Dichloroethane	U		0.0190	0.100	1	02/17/2021 14:50	WG1621779
1,1-Dichloroethene	U		0.0200	0.100	1	02/17/2021 14:50	WG1621779
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/17/2021 14:50	WG1621779
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/17/2021 14:50	WG1621779
1,2-Dichloropropane	U		0.0508	0.200	1	02/17/2021 14:50	WG1621779

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/17/2021 14:50	WG1621779
1,3-Dichloropropane	U		0.0700	0.200	1	02/17/2021 14:50	WG1621779
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/17/2021 14:50	WG1621779
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/17/2021 14:50	WG1621779
2,2-Dichloropropane	U		0.0317	0.100	1	02/17/2021 14:50	WG1621779
Di-isopropyl ether	U		0.0140	0.0400	1	02/17/2021 14:50	WG1621779
Ethylbenzene	U		0.0212	0.100	1	02/17/2021 14:50	WG1621779
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/17/2021 14:50	WG1621779
Isopropylbenzene	U		0.0345	0.100	1	02/17/2021 14:50	WG1621779
p-Isopropyltoluene	U		0.0932	0.200	1	02/17/2021 14:50	WG1621779
2-Butanone (MEK)	U		0.500	1.00	1	02/17/2021 14:50	WG1621779
Methylene Chloride	U		0.265	1.00	1	02/17/2021 14:50	WG1621779
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/17/2021 14:50	WG1621779
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/17/2021 14:50	WG1621779
Naphthalene	U		0.124	0.500	1	02/17/2021 14:50	WG1621779
n-Propylbenzene	U		0.0472	0.200	1	02/17/2021 14:50	WG1621779
Styrene	U		0.109	0.500	1	02/17/2021 14:50	WG1621779
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/17/2021 14:50	WG1621779
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/17/2021 14:50	WG1621779
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/17/2021 14:50	WG1621779
Tetrachloroethene	U		0.0280	0.100	1	02/17/2021 14:50	WG1621779
Toluene	U		0.0500	0.200	1	02/17/2021 14:50	WG1621779
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/17/2021 14:50	WG1621779
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/17/2021 14:50	WG1621779
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/17/2021 14:50	WG1621779
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/17/2021 14:50	WG1621779
Trichloroethene	U		0.0160	0.0400	1	02/17/2021 14:50	WG1621779
Trichlorofluoromethane	U		0.0200	0.100	1	02/17/2021 14:50	WG1621779
1,2,3-Trichloropropane	U		0.204	0.500	1	02/17/2021 14:50	WG1621779
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/17/2021 14:50	WG1621779
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/17/2021 14:50	WG1621779
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/17/2021 14:50	WG1621779
Vinyl chloride	U		0.0273	0.100	1	02/17/2021 14:50	WG1621779
Xylenes, Total	U		0.191	0.260	1	02/17/2021 14:50	WG1621779
Ethyl Ether	U		0.0170	0.100	1	02/17/2021 14:50	WG1621779
Tetrahydrofuran	U		0.0900	0.500	1	02/17/2021 14:50	WG1621779
Iodomethane	U		0.242	0.500	1	02/17/2021 14:50	WG1621779
Allyl chloride	U		0.580	1.00	1	02/17/2021 14:50	WG1621779
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/17/2021 14:50	WG1621779
(S) Toluene-d8	*120*			*75.0-131*		*02/17/2021 14:50*	WG1621779
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/17/2021 14:50*	WG1621779
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*02/17/2021 14:50*	WG1621779

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		5.48	10.0	10	02/17/2021 17:21	WG1621779
Acrylonitrile	U		0.760	5.00	10	02/17/2021 17:21	WG1621779
Benzene	0.790		0.160	0.400	10	02/17/2021 17:21	WG1621779
Bromobenzene	U		0.420	5.00	10	02/17/2021 17:21	WG1621779
Bromodichloromethane	1.76		0.315	1.00	10	02/17/2021 17:21	WG1621779
Bromoform	U		2.39	10.0	10	02/17/2021 17:21	WG1621779
Bromomethane	U		1.48	5.00	10	02/17/2021 17:21	WG1621779
n-Butylbenzene	U		1.53	5.00	10	02/17/2021 17:21	WG1621779
sec-Butylbenzene	U		1.01	5.00	10	02/17/2021 17:21	WG1621779
tert-Butylbenzene	U		0.620	2.00	10	02/17/2021 17:21	WG1621779
Carbon tetrachloride	U		0.432	2.00	10	02/17/2021 17:21	WG1621779
Chlorobenzene	U		0.229	1.00	10	02/17/2021 17:21	WG1621779
Chlorodibromomethane	U		0.180	1.00	10	02/17/2021 17:21	WG1621779
Chloroethane	U		0.432	2.00	10	02/17/2021 17:21	WG1621779
Chloroform	U		0.166	1.00	10	02/17/2021 17:21	WG1621779
Chloromethane	U	J4	0.556	5.00	10	02/17/2021 17:21	WG1621779
2-Chlorotoluene	U		0.368	1.00	10	02/17/2021 17:21	WG1621779
4-Chlorotoluene	U		0.452	2.00	10	02/17/2021 17:21	WG1621779
1,2-Dibromo-3-Chloropropane	U		2.04	10.0	10	02/17/2021 17:21	WG1621779
1,2-Dibromoethane	U		0.210	1.00	10	02/17/2021 17:21	WG1621779
Dibromomethane	U		0.400	2.00	10	02/17/2021 17:21	WG1621779
1,2-Dichlorobenzene	U		0.580	2.00	10	02/17/2021 17:21	WG1621779
1,3-Dichlorobenzene	U		0.680	2.00	10	02/17/2021 17:21	WG1621779
1,4-Dichlorobenzene	U		0.788	2.00	10	02/17/2021 17:21	WG1621779
Dichlorodifluoromethane	U		0.327	1.00	10	02/17/2021 17:21	WG1621779
1,1-Dichloroethane	U		0.230	1.00	10	02/17/2021 17:21	WG1621779
1,2-Dichloroethane	U		0.190	1.00	10	02/17/2021 17:21	WG1621779
1,1-Dichloroethene	1.93		0.200	1.00	10	02/17/2021 17:21	WG1621779
cis-1,2-Dichloroethene	1350		0.690	2.50	25	02/20/2021 12:08	WG1622037
trans-1,2-Dichloroethene	6.34		0.572	2.00	10	02/17/2021 17:21	WG1621779
1,2-Dichloropropane	U		0.508	2.00	10	02/17/2021 17:21	WG1621779
1,1-Dichloropropene	U		0.280	1.00	10	02/17/2021 17:21	WG1621779
1,3-Dichloropropane	U		0.700	2.00	10	02/17/2021 17:21	WG1621779
cis-1,3-Dichloropropene	U		0.271	1.00	10	02/17/2021 17:21	WG1621779
trans-1,3-Dichloropropene	U		0.612	2.00	10	02/17/2021 17:21	WG1621779
2,2-Dichloropropane	U		0.317	1.00	10	02/17/2021 17:21	WG1621779
Di-isopropyl ether	U		0.140	0.400	10	02/17/2021 17:21	WG1621779
Ethylbenzene	U		0.212	1.00	10	02/17/2021 17:21	WG1621779
Hexachloro-1,3-butadiene	U		5.08	10.0	10	02/17/2021 17:21	WG1621779
Isopropylbenzene	U		0.345	1.00	10	02/17/2021 17:21	WG1621779
p-Isopropyltoluene	U		0.932	2.00	10	02/17/2021 17:21	WG1621779
2-Butanone (MEK)	U		5.00	10.0	10	02/17/2021 17:21	WG1621779
Methylene Chloride	U		2.65	10.0	10	02/17/2021 17:21	WG1621779
4-Methyl-2-pentanone (MIBK)	U		4.00	10.0	10	02/17/2021 17:21	WG1621779
Methyl tert-butyl ether	U		0.118	0.400	10	02/17/2021 17:21	WG1621779
Naphthalene	U		1.24	5.00	10	02/17/2021 17:21	WG1621779
n-Propylbenzene	U		0.472	2.00	10	02/17/2021 17:21	WG1621779
Styrene	U		1.09	5.00	10	02/17/2021 17:21	WG1621779
1,1,1,2-Tetrachloroethane	U		0.200	1.00	10	02/17/2021 17:21	WG1621779
1,1,2,2-Tetrachloroethane	U		0.156	1.00	10	02/17/2021 17:21	WG1621779
1,1,2-Trichlorotrifluoroethane	U		0.270	1.00	10	02/17/2021 17:21	WG1621779
Tetrachloroethene	135		0.280	1.00	10	02/17/2021 17:21	WG1621779
Toluene	U		0.500	2.00	10	02/17/2021 17:21	WG1621779
1,2,3-Trichlorobenzene	U		0.250	5.00	10	02/17/2021 17:21	WG1621779
1,2,4-Trichlorobenzene	U		1.93	5.00	10	02/17/2021 17:21	WG1621779
1,1,1-Trichloroethane	U		0.110	1.00	10	02/17/2021 17:21	WG1621779

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1,2-Trichloroethane	U	J4	0.353	1.00	10	02/17/2021 17:21	WG1621779
Trichloroethene	230		0.160	0.400	10	02/17/2021 17:21	WG1621779
Trichlorofluoromethane	U		0.200	1.00	10	02/17/2021 17:21	WG1621779
1,2,3-Trichloropropane	U		2.04	5.00	10	02/17/2021 17:21	WG1621779
1,2,4-Trimethylbenzene	U		0.464	2.00	10	02/17/2021 17:21	WG1621779
1,2,3-Trimethylbenzene	U	J4	0.460	2.00	10	02/17/2021 17:21	WG1621779
1,3,5-Trimethylbenzene	U		0.432	2.00	10	02/17/2021 17:21	WG1621779
Vinyl chloride	U		0.273	1.00	10	02/17/2021 17:21	WG1621779
Xylenes, Total	U		1.91	2.60	10	02/17/2021 17:21	WG1621779
Ethyl Ether	U		0.170	1.00	10	02/17/2021 17:21	WG1621779
Tetrahydrofuran	U		0.900	5.00	10	02/17/2021 17:21	WG1621779
Iodomethane	U		2.42	5.00	10	02/17/2021 17:21	WG1621779
Allyl chloride	U		5.80	10.0	10	02/17/2021 17:21	WG1621779
Trans-1,4-Dichloro-2-butene	U		0.560	2.00	10	02/17/2021 17:21	WG1621779
(S) Toluene-d8	*118*			*75.0-131*		*02/17/2021 17:21*	WG1621779
(S) Toluene-d8	*118*			*75.0-131*		*02/20/2021 12:08*	WG1622037
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/17/2021 17:21*	WG1621779
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*02/20/2021 12:08*	WG1622037
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/17/2021 17:21*	WG1621779
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*02/20/2021 12:08*	WG1622037

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	9200		594	5000	1	02/21/2021 15:12	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1180	B	102	1000	1	02/22/2021 05:07	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	9690		28.1	100	1	02/23/2021 10:31	WG1623308
Manganese	592		0.704	5.00	1	02/23/2021 10:31	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	65.2		0.287	0.678	1	02/23/2021 13:24	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:24	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:24	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		0.548	1.00	1	02/17/2021 15:09	WG1621779
Acrylonitrile	U		0.0760	0.500	1	02/17/2021 15:09	WG1621779
Benzene	0.0200	J	0.0160	0.0400	1	02/17/2021 15:09	WG1621779
Bromobenzene	U		0.0420	0.500	1	02/17/2021 15:09	WG1621779
Bromodichloromethane	U		0.0315	0.100	1	02/17/2021 15:09	WG1621779
Bromoform	U		0.239	1.00	1	02/17/2021 15:09	WG1621779
Bromomethane	U		0.148	0.500	1	02/17/2021 15:09	WG1621779
n-Butylbenzene	U		0.153	0.500	1	02/17/2021 15:09	WG1621779
sec-Butylbenzene	U		0.101	0.500	1	02/17/2021 15:09	WG1621779
tert-Butylbenzene	U		0.0620	0.200	1	02/17/2021 15:09	WG1621779
Carbon tetrachloride	U		0.0432	0.200	1	02/17/2021 15:09	WG1621779
Chlorobenzene	U		0.0229	0.100	1	02/17/2021 15:09	WG1621779
Chlorodibromomethane	U		0.0180	0.100	1	02/17/2021 15:09	WG1621779
Chloroethane	U		0.0432	0.200	1	02/17/2021 15:09	WG1621779
Chloroform	U		0.0166	0.100	1	02/17/2021 15:09	WG1621779
Chloromethane	U	J4	0.0556	0.500	1	02/17/2021 15:09	WG1621779
2-Chlorotoluene	U		0.0368	0.100	1	02/17/2021 15:09	WG1621779
4-Chlorotoluene	U		0.0452	0.200	1	02/17/2021 15:09	WG1621779
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/17/2021 15:09	WG1621779
1,2-Dibromoethane	U		0.0210	0.100	1	02/17/2021 15:09	WG1621779
Dibromomethane	U		0.0400	0.200	1	02/17/2021 15:09	WG1621779
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/17/2021 15:09	WG1621779
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/17/2021 15:09	WG1621779
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/17/2021 15:09	WG1621779
Dichlorodifluoromethane	U		0.0327	0.100	1	02/17/2021 15:09	WG1621779
1,1-Dichloroethane	U		0.0230	0.100	1	02/17/2021 15:09	WG1621779
1,2-Dichloroethane	U		0.0190	0.100	1	02/17/2021 15:09	WG1621779
1,1-Dichloroethene	0.190		0.0200	0.100	1	02/17/2021 15:09	WG1621779
cis-1,2-Dichloroethene	9.05		0.0276	0.100	1	02/17/2021 15:09	WG1621779
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/17/2021 15:09	WG1621779
1,2-Dichloropropane	U		0.0508	0.200	1	02/17/2021 15:09	WG1621779

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/17/2021 15:09	WG1621779
1,3-Dichloropropane	U		0.0700	0.200	1	02/17/2021 15:09	WG1621779
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/17/2021 15:09	WG1621779
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/17/2021 15:09	WG1621779
2,2-Dichloropropane	U		0.0317	0.100	1	02/17/2021 15:09	WG1621779
Di-isopropyl ether	U		0.0140	0.0400	1	02/17/2021 15:09	WG1621779
Ethylbenzene	0.0450	J	0.0212	0.100	1	02/17/2021 15:09	WG1621779
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/17/2021 15:09	WG1621779
Isopropylbenzene	U		0.0345	0.100	1	02/17/2021 15:09	WG1621779
p-Isopropyltoluene	U		0.0932	0.200	1	02/17/2021 15:09	WG1621779
2-Butanone (MEK)	U		0.500	1.00	1	02/17/2021 15:09	WG1621779
Methylene Chloride	U		0.265	1.00	1	02/17/2021 15:09	WG1621779
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/17/2021 15:09	WG1621779
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/17/2021 15:09	WG1621779
Naphthalene	U		0.124	0.500	1	02/17/2021 15:09	WG1621779
n-Propylbenzene	U		0.0472	0.200	1	02/17/2021 15:09	WG1621779
Styrene	U		0.109	0.500	1	02/17/2021 15:09	WG1621779
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/17/2021 15:09	WG1621779
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/17/2021 15:09	WG1621779
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/17/2021 15:09	WG1621779
Tetrachloroethene	U		0.0280	0.100	1	02/17/2021 15:09	WG1621779
Toluene	0.542		0.0500	0.200	1	02/17/2021 15:09	WG1621779
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/17/2021 15:09	WG1621779
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/17/2021 15:09	WG1621779
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/17/2021 15:09	WG1621779
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/17/2021 15:09	WG1621779
Trichloroethene	0.602		0.0160	0.0400	1	02/17/2021 15:09	WG1621779
Trichlorofluoromethane	U		0.0200	0.100	1	02/17/2021 15:09	WG1621779
1,2,3-Trichloropropane	U		0.204	0.500	1	02/17/2021 15:09	WG1621779
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/17/2021 15:09	WG1621779
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/17/2021 15:09	WG1621779
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/17/2021 15:09	WG1621779
Vinyl chloride	5.37		0.0273	0.100	1	02/17/2021 15:09	WG1621779
Xylenes, Total	0.433		0.191	0.260	1	02/17/2021 15:09	WG1621779
Ethyl Ether	U		0.0170	0.100	1	02/17/2021 15:09	WG1621779
Tetrahydrofuran	U		0.0900	0.500	1	02/17/2021 15:09	WG1621779
Iodomethane	U		0.242	0.500	1	02/17/2021 15:09	WG1621779
Allyl chloride	U		0.580	1.00	1	02/17/2021 15:09	WG1621779
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/17/2021 15:09	WG1621779
(S) Toluene-d8	*119*			*75.0-131*		*02/17/2021 15:09*	WG1621779
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*02/17/2021 15:09*	WG1621779
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*02/17/2021 15:09*	WG1621779

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	40900		2970	25000	5	02/21/2021 15:51	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1800	B	102	1000	1	02/22/2021 05:19	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	769		28.1	100	1	02/23/2021 10:35	WG1623308
Manganese	171		0.704	5.00	1	02/23/2021 10:35	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	U		0.287	0.678	1	02/23/2021 13:26	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:26	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:26	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	02/17/2021 15:28	WG1621779
Acrylonitrile	U		0.0760	0.500	1	02/17/2021 15:28	WG1621779
Benzene	0.0490		0.0160	0.0400	1	02/17/2021 15:28	WG1621779
Bromobenzene	U		0.0420	0.500	1	02/17/2021 15:28	WG1621779
Bromodichloromethane	U		0.0315	0.100	1	02/17/2021 15:28	WG1621779
Bromoform	U		0.239	1.00	1	02/17/2021 15:28	WG1621779
Bromomethane	U		0.148	0.500	1	02/17/2021 15:28	WG1621779
n-Butylbenzene	U		0.153	0.500	1	02/17/2021 15:28	WG1621779
sec-Butylbenzene	U		0.101	0.500	1	02/17/2021 15:28	WG1621779
tert-Butylbenzene	U		0.0620	0.200	1	02/17/2021 15:28	WG1621779
Carbon tetrachloride	U		0.0432	0.200	1	02/17/2021 15:28	WG1621779
Chlorobenzene	U		0.0229	0.100	1	02/17/2021 15:28	WG1621779
Chlorodibromomethane	U		0.0180	0.100	1	02/17/2021 15:28	WG1621779
Chloroethane	U		0.0432	0.200	1	02/17/2021 15:28	WG1621779
Chloroform	U		0.0166	0.100	1	02/17/2021 15:28	WG1621779
Chloromethane	U	J4	0.0556	0.500	1	02/17/2021 15:28	WG1621779
2-Chlorotoluene	U		0.0368	0.100	1	02/17/2021 15:28	WG1621779
4-Chlorotoluene	U		0.0452	0.200	1	02/17/2021 15:28	WG1621779
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/17/2021 15:28	WG1621779
1,2-Dibromoethane	U		0.0210	0.100	1	02/17/2021 15:28	WG1621779
Dibromomethane	U		0.0400	0.200	1	02/17/2021 15:28	WG1621779
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/17/2021 15:28	WG1621779
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/17/2021 15:28	WG1621779
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/17/2021 15:28	WG1621779
Dichlorodifluoromethane	U		0.0327	0.100	1	02/17/2021 15:28	WG1621779
1,1-Dichloroethane	U		0.0230	0.100	1	02/17/2021 15:28	WG1621779
1,2-Dichloroethane	U		0.0190	0.100	1	02/17/2021 15:28	WG1621779
1,1-Dichloroethene	U		0.0200	0.100	1	02/17/2021 15:28	WG1621779
cis-1,2-Dichloroethene	2.19		0.0276	0.100	1	02/17/2021 15:28	WG1621779
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/17/2021 15:28	WG1621779
1,2-Dichloropropane	U		0.0508	0.200	1	02/17/2021 15:28	WG1621779

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/17/2021 15:28	WG1621779
1,3-Dichloropropane	U		0.0700	0.200	1	02/17/2021 15:28	WG1621779
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/17/2021 15:28	WG1621779
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/17/2021 15:28	WG1621779
2,2-Dichloropropane	U		0.0317	0.100	1	02/17/2021 15:28	WG1621779
Di-isopropyl ether	U		0.0140	0.0400	1	02/17/2021 15:28	WG1621779
Ethylbenzene	0.242		0.0212	0.100	1	02/17/2021 15:28	WG1621779
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/17/2021 15:28	WG1621779
Isopropylbenzene	U		0.0345	0.100	1	02/17/2021 15:28	WG1621779
p-Isopropyltoluene	U		0.0932	0.200	1	02/17/2021 15:28	WG1621779
2-Butanone (MEK)	U		0.500	1.00	1	02/17/2021 15:28	WG1621779
Methylene Chloride	U		0.265	1.00	1	02/17/2021 15:28	WG1621779
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/17/2021 15:28	WG1621779
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/17/2021 15:28	WG1621779
Naphthalene	U		0.124	0.500	1	02/17/2021 15:28	WG1621779
n-Propylbenzene	U		0.0472	0.200	1	02/17/2021 15:28	WG1621779
Styrene	U		0.109	0.500	1	02/17/2021 15:28	WG1621779
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/17/2021 15:28	WG1621779
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/17/2021 15:28	WG1621779
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/17/2021 15:28	WG1621779
Tetrachloroethene	20.1		0.0280	0.100	1	02/17/2021 15:28	WG1621779
Toluene	1.58		0.0500	0.200	1	02/17/2021 15:28	WG1621779
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/17/2021 15:28	WG1621779
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/17/2021 15:28	WG1621779
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/17/2021 15:28	WG1621779
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/17/2021 15:28	WG1621779
Trichloroethene	3.83		0.0160	0.0400	1	02/17/2021 15:28	WG1621779
Trichlorofluoromethane	U		0.0200	0.100	1	02/17/2021 15:28	WG1621779
1,2,3-Trichloropropane	U		0.204	0.500	1	02/17/2021 15:28	WG1621779
1,2,4-Trimethylbenzene	0.140	J	0.0464	0.200	1	02/17/2021 15:28	WG1621779
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/17/2021 15:28	WG1621779
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/17/2021 15:28	WG1621779
Vinyl chloride	U		0.0273	0.100	1	02/17/2021 15:28	WG1621779
Xylenes, Total	1.28		0.191	0.260	1	02/17/2021 15:28	WG1621779
Ethyl Ether	U		0.0170	0.100	1	02/17/2021 15:28	WG1621779
Tetrahydrofuran	U		0.0900	0.500	1	02/17/2021 15:28	WG1621779
Iodomethane	U		0.242	0.500	1	02/17/2021 15:28	WG1621779
Allyl chloride	U		0.580	1.00	1	02/17/2021 15:28	WG1621779
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/17/2021 15:28	WG1621779
(S) Toluene-d8	*117*			*75.0-131*		*02/17/2021 15:28*	WG1621779
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/17/2021 15:28*	WG1621779
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*02/17/2021 15:28*	WG1621779

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	12100		594	5000	1	02/21/2021 16:04	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	3700		102	1000	1	02/22/2021 05:30	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	4340		28.1	100	1	02/23/2021 10:38	WG1623308
Manganese	732		0.704	5.00	1	02/23/2021 10:38	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	52.4		0.287	0.678	1	02/23/2021 13:29	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:29	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:29	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.89		0.548	1.00	1	02/17/2021 15:47	WG1621779
Acrylonitrile	U		0.0760	0.500	1	02/17/2021 15:47	WG1621779
Benzene	U		0.0160	0.0400	1	02/17/2021 15:47	WG1621779
Bromobenzene	U		0.0420	0.500	1	02/17/2021 15:47	WG1621779
Bromodichloromethane	U		0.0315	0.100	1	02/17/2021 15:47	WG1621779
Bromoform	U		0.239	1.00	1	02/17/2021 15:47	WG1621779
Bromomethane	U		0.148	0.500	1	02/17/2021 15:47	WG1621779
n-Butylbenzene	U		0.153	0.500	1	02/17/2021 15:47	WG1621779
sec-Butylbenzene	U		0.101	0.500	1	02/17/2021 15:47	WG1621779
tert-Butylbenzene	U		0.0620	0.200	1	02/17/2021 15:47	WG1621779
Carbon tetrachloride	U		0.0432	0.200	1	02/17/2021 15:47	WG1621779
Chlorobenzene	U		0.0229	0.100	1	02/17/2021 15:47	WG1621779
Chlorodibromomethane	U		0.0180	0.100	1	02/17/2021 15:47	WG1621779
Chloroethane	U		0.0432	0.200	1	02/17/2021 15:47	WG1621779
Chloroform	U		0.0166	0.100	1	02/17/2021 15:47	WG1621779
Chloromethane	U	J4	0.0556	0.500	1	02/17/2021 15:47	WG1621779
2-Chlorotoluene	U		0.0368	0.100	1	02/17/2021 15:47	WG1621779
4-Chlorotoluene	U		0.0452	0.200	1	02/17/2021 15:47	WG1621779
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/17/2021 15:47	WG1621779
1,2-Dibromoethane	U		0.0210	0.100	1	02/17/2021 15:47	WG1621779
Dibromomethane	U		0.0400	0.200	1	02/17/2021 15:47	WG1621779
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/17/2021 15:47	WG1621779
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/17/2021 15:47	WG1621779
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/17/2021 15:47	WG1621779
Dichlorodifluoromethane	U		0.0327	0.100	1	02/17/2021 15:47	WG1621779
1,1-Dichloroethane	U		0.0230	0.100	1	02/17/2021 15:47	WG1621779
1,2-Dichloroethane	U		0.0190	0.100	1	02/17/2021 15:47	WG1621779
1,1-Dichloroethene	1.07		0.0200	0.100	1	02/17/2021 15:47	WG1621779
cis-1,2-Dichloroethene	6.78		0.0276	0.100	1	02/17/2021 15:47	WG1621779
trans-1,2-Dichloroethene	0.403		0.0572	0.200	1	02/17/2021 15:47	WG1621779
1,2-Dichloropropane	U		0.0508	0.200	1	02/17/2021 15:47	WG1621779

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/17/2021 15:47	WG1621779
1,3-Dichloropropane	U		0.0700	0.200	1	02/17/2021 15:47	WG1621779
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/17/2021 15:47	WG1621779
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/17/2021 15:47	WG1621779
2,2-Dichloropropane	U		0.0317	0.100	1	02/17/2021 15:47	WG1621779
Di-isopropyl ether	U		0.0140	0.0400	1	02/17/2021 15:47	WG1621779
Ethylbenzene	0.0690	J	0.0212	0.100	1	02/17/2021 15:47	WG1621779
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/17/2021 15:47	WG1621779
Isopropylbenzene	U		0.0345	0.100	1	02/17/2021 15:47	WG1621779
p-Isopropyltoluene	U		0.0932	0.200	1	02/17/2021 15:47	WG1621779
2-Butanone (MEK)	U		0.500	1.00	1	02/17/2021 15:47	WG1621779
Methylene Chloride	U		0.265	1.00	1	02/17/2021 15:47	WG1621779
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/17/2021 15:47	WG1621779
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/17/2021 15:47	WG1621779
Naphthalene	U		0.124	0.500	1	02/17/2021 15:47	WG1621779
n-Propylbenzene	U		0.0472	0.200	1	02/17/2021 15:47	WG1621779
Styrene	U		0.109	0.500	1	02/17/2021 15:47	WG1621779
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/17/2021 15:47	WG1621779
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/17/2021 15:47	WG1621779
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/17/2021 15:47	WG1621779
Tetrachloroethene	0.335		0.0280	0.100	1	02/17/2021 15:47	WG1621779
Toluene	0.373		0.0500	0.200	1	02/17/2021 15:47	WG1621779
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/17/2021 15:47	WG1621779
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/17/2021 15:47	WG1621779
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/17/2021 15:47	WG1621779
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/17/2021 15:47	WG1621779
Trichloroethene	3.53		0.0160	0.0400	1	02/17/2021 15:47	WG1621779
Trichlorofluoromethane	U		0.0200	0.100	1	02/17/2021 15:47	WG1621779
1,2,3-Trichloropropane	U		0.204	0.500	1	02/17/2021 15:47	WG1621779
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/17/2021 15:47	WG1621779
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/17/2021 15:47	WG1621779
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/17/2021 15:47	WG1621779
Vinyl chloride	0.178		0.0273	0.100	1	02/17/2021 15:47	WG1621779
Xylenes, Total	0.528		0.191	0.260	1	02/17/2021 15:47	WG1621779
Ethyl Ether	U		0.0170	0.100	1	02/17/2021 15:47	WG1621779
Tetrahydrofuran	U		0.0900	0.500	1	02/17/2021 15:47	WG1621779
Iodomethane	U		0.242	0.500	1	02/17/2021 15:47	WG1621779
Allyl chloride	U		0.580	1.00	1	02/17/2021 15:47	WG1621779
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/17/2021 15:47	WG1621779
(S) Toluene-d8	*117*			*75.0-131*		*02/17/2021 15:47*	WG1621779
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*02/17/2021 15:47*	WG1621779
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*02/17/2021 15:47*	WG1621779

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	9160		594	5000	1	02/21/2021 16:17	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1720	B	102	1000	1	02/22/2021 12:39	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2070		28.1	100	1	02/23/2021 10:42	WG1623308
Manganese	363		0.704	5.00	1	02/23/2021 10:42	WG1623308

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	45.1	J	31.6	100	1	02/21/2021 05:32	WG1621855
(S) a,a,a-Trifluorotoluene(FID)	*99.3*			*78.0-120*		*02/21/2021 05:32*	WG1621855

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	128		0.287	0.678	1	02/23/2021 13:35	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:35	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:35	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	2.31		0.548	1.00	1	02/17/2021 16:06	WG1621779
Acrylonitrile	U		0.0760	0.500	1	02/17/2021 16:06	WG1621779
Benzene	U		0.0160	0.0400	1	02/17/2021 16:06	WG1621779
Bromobenzene	U		0.0420	0.500	1	02/17/2021 16:06	WG1621779
Bromodichloromethane	U		0.0315	0.100	1	02/17/2021 16:06	WG1621779
Bromoform	U		0.239	1.00	1	02/17/2021 16:06	WG1621779
Bromomethane	U		0.148	0.500	1	02/17/2021 16:06	WG1621779
n-Butylbenzene	U		0.153	0.500	1	02/17/2021 16:06	WG1621779
sec-Butylbenzene	U		0.101	0.500	1	02/17/2021 16:06	WG1621779
tert-Butylbenzene	U		0.0620	0.200	1	02/17/2021 16:06	WG1621779
Carbon tetrachloride	U		0.0432	0.200	1	02/17/2021 16:06	WG1621779
Chlorobenzene	U		0.0229	0.100	1	02/17/2021 16:06	WG1621779
Chlorodibromomethane	U		0.0180	0.100	1	02/17/2021 16:06	WG1621779
Chloroethane	U		0.0432	0.200	1	02/17/2021 16:06	WG1621779
Chloroform	U		0.0166	0.100	1	02/17/2021 16:06	WG1621779
Chloromethane	U	J4	0.0556	0.500	1	02/17/2021 16:06	WG1621779
2-Chlorotoluene	U		0.0368	0.100	1	02/17/2021 16:06	WG1621779
4-Chlorotoluene	U		0.0452	0.200	1	02/17/2021 16:06	WG1621779
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/17/2021 16:06	WG1621779
1,2-Dibromoethane	U		0.0210	0.100	1	02/17/2021 16:06	WG1621779
Dibromomethane	U		0.0400	0.200	1	02/17/2021 16:06	WG1621779
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/17/2021 16:06	WG1621779
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/17/2021 16:06	WG1621779

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/17/2021 16:06	WG1621779
Dichlorodifluoromethane	U		0.0327	0.100	1	02/17/2021 16:06	WG1621779
1,1-Dichloroethane	U		0.0230	0.100	1	02/17/2021 16:06	WG1621779
1,2-Dichloroethane	U		0.0190	0.100	1	02/17/2021 16:06	WG1621779
1,1-Dichloroethene	U		0.0200	0.100	1	02/17/2021 16:06	WG1621779
cis-1,2-Dichloroethene	0.382		0.0276	0.100	1	02/17/2021 16:06	WG1621779
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/17/2021 16:06	WG1621779
1,2-Dichloropropane	U		0.0508	0.200	1	02/17/2021 16:06	WG1621779
1,1-Dichloropropene	U		0.0280	0.100	1	02/17/2021 16:06	WG1621779
1,3-Dichloropropane	U		0.0700	0.200	1	02/17/2021 16:06	WG1621779
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/17/2021 16:06	WG1621779
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/17/2021 16:06	WG1621779
2,2-Dichloropropane	U		0.0317	0.100	1	02/17/2021 16:06	WG1621779
Di-isopropyl ether	U		0.0140	0.0400	1	02/17/2021 16:06	WG1621779
Ethylbenzene	U		0.0212	0.100	1	02/17/2021 16:06	WG1621779
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/17/2021 16:06	WG1621779
Isopropylbenzene	U		0.0345	0.100	1	02/17/2021 16:06	WG1621779
p-Isopropyltoluene	U		0.0932	0.200	1	02/17/2021 16:06	WG1621779
2-Butanone (MEK)	U		0.500	1.00	1	02/17/2021 16:06	WG1621779
Methylene Chloride	U		0.265	1.00	1	02/17/2021 16:06	WG1621779
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/17/2021 16:06	WG1621779
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/17/2021 16:06	WG1621779
Naphthalene	U		0.124	0.500	1	02/17/2021 16:06	WG1621779
n-Propylbenzene	U		0.0472	0.200	1	02/17/2021 16:06	WG1621779
Styrene	U		0.109	0.500	1	02/17/2021 16:06	WG1621779
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/17/2021 16:06	WG1621779
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	02/17/2021 16:06	WG1621779
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/17/2021 16:06	WG1621779
Tetrachloroethene	0.990		0.0280	0.100	1	02/17/2021 16:06	WG1621779
Toluene	U		0.0500	0.200	1	02/17/2021 16:06	WG1621779
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	02/17/2021 16:06	WG1621779
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/17/2021 16:06	WG1621779
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/17/2021 16:06	WG1621779
1,1,2-Trichloroethane	U	J4	0.0353	0.100	1	02/17/2021 16:06	WG1621779
Trichloroethene	0.286		0.0160	0.0400	1	02/17/2021 16:06	WG1621779
Trichlorofluoromethane	U		0.0200	0.100	1	02/17/2021 16:06	WG1621779
1,2,3-Trichloropropane	U		0.204	0.500	1	02/17/2021 16:06	WG1621779
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/17/2021 16:06	WG1621779
1,2,3-Trimethylbenzene	U	J4	0.0460	0.200	1	02/17/2021 16:06	WG1621779
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/17/2021 16:06	WG1621779
Vinyl chloride	U		0.0273	0.100	1	02/17/2021 16:06	WG1621779
Xylenes, Total	U		0.191	0.260	1	02/17/2021 16:06	WG1621779
Ethyl Ether	U		0.0170	0.100	1	02/17/2021 16:06	WG1621779
Tetrahydrofuran	U		0.0900	0.500	1	02/17/2021 16:06	WG1621779
Iodomethane	U		0.242	0.500	1	02/17/2021 16:06	WG1621779
Allyl chloride	U		0.580	1.00	1	02/17/2021 16:06	WG1621779
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/17/2021 16:06	WG1621779
(S) Toluene-d8	*119*			*75.0-131*		*02/17/2021 16:06*	WG1621779
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/17/2021 16:06*	WG1621779
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/17/2021 16:06*	WG1621779

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	9480		594	5000	1	02/21/2021 16:30	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	4920		102	1000	1	02/22/2021 07:01	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	2350		28.1	100	1	02/23/2021 10:57	WG1623308
Manganese	371		0.704	5.00	1	02/23/2021 10:57	WG1623308

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	02/21/2021 05:54	WG1621855
(S) a,a,a-Trifluorotoluene(FID)	*99.6*			*78.0-120*		*02/21/2021 05:54*	WG1621855

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	138		0.287	0.678	1	02/23/2021 13:41	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:41	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:41	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.45	C5	0.548	1.00	1	02/21/2021 14:44	WG1623108
Acrylonitrile	U		0.0760	0.500	1	02/21/2021 14:44	WG1623108
Benzene	U		0.0160	0.0400	1	02/21/2021 14:44	WG1623108
Bromobenzene	U		0.0420	0.500	1	02/21/2021 14:44	WG1623108
Bromodichloromethane	U		0.0315	0.100	1	02/21/2021 14:44	WG1623108
Bromoform	U		0.239	1.00	1	02/21/2021 14:44	WG1623108
Bromomethane	U		0.148	0.500	1	02/21/2021 14:44	WG1623108
n-Butylbenzene	U		0.153	0.500	1	02/21/2021 14:44	WG1623108
sec-Butylbenzene	U		0.101	0.500	1	02/21/2021 14:44	WG1623108
tert-Butylbenzene	U		0.0620	0.200	1	02/21/2021 14:44	WG1623108
Carbon tetrachloride	U		0.0432	0.200	1	02/21/2021 14:44	WG1623108
Chlorobenzene	U		0.0229	0.100	1	02/21/2021 14:44	WG1623108
Chlorodibromomethane	U		0.0180	0.100	1	02/21/2021 14:44	WG1623108
Chloroethane	U		0.0432	0.200	1	02/21/2021 14:44	WG1623108
Chloroform	U		0.0166	0.100	1	02/21/2021 14:44	WG1623108
Chloromethane	U		0.0556	0.500	1	02/21/2021 14:44	WG1623108
2-Chlorotoluene	U		0.0368	0.100	1	02/21/2021 14:44	WG1623108
4-Chlorotoluene	U		0.0452	0.200	1	02/21/2021 14:44	WG1623108
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/21/2021 14:44	WG1623108
1,2-Dibromoethane	U		0.0210	0.100	1	02/21/2021 14:44	WG1623108
Dibromomethane	U		0.0400	0.200	1	02/21/2021 14:44	WG1623108
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/21/2021 14:44	WG1623108
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/21/2021 14:44	WG1623108

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/21/2021 14:44	WG1623108
Dichlorodifluoromethane	U		0.0327	0.100	1	02/21/2021 14:44	WG1623108
1,1-Dichloroethane	U		0.0230	0.100	1	02/21/2021 14:44	WG1623108
1,2-Dichloroethane	U		0.0190	0.100	1	02/21/2021 14:44	WG1623108
1,1-Dichloroethene	U		0.0200	0.100	1	02/21/2021 14:44	WG1623108
cis-1,2-Dichloroethene	0.357		0.0276	0.100	1	02/21/2021 14:44	WG1623108
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/22/2021 19:11	WG1623651
1,2-Dichloropropane	U		0.0508	0.200	1	02/21/2021 14:44	WG1623108
1,1-Dichloropropene	U		0.0280	0.100	1	02/21/2021 14:44	WG1623108
1,3-Dichloropropane	U		0.0700	0.200	1	02/21/2021 14:44	WG1623108
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/21/2021 14:44	WG1623108
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/21/2021 14:44	WG1623108
2,2-Dichloropropane	U	J4	0.0317	0.100	1	02/21/2021 14:44	WG1623108
Di-isopropyl ether	U		0.0140	0.0400	1	02/21/2021 14:44	WG1623108
Ethylbenzene	U		0.0212	0.100	1	02/21/2021 14:44	WG1623108
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/21/2021 14:44	WG1623108
Isopropylbenzene	U		0.0345	0.100	1	02/21/2021 14:44	WG1623108
p-Isopropyltoluene	U		0.0932	0.200	1	02/21/2021 14:44	WG1623108
2-Butanone (MEK)	U		0.500	1.00	1	02/21/2021 14:44	WG1623108
Methylene Chloride	U		0.265	1.00	1	02/21/2021 14:44	WG1623108
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/21/2021 14:44	WG1623108
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/21/2021 14:44	WG1623108
Naphthalene	U	C3	0.124	0.500	1	02/21/2021 14:44	WG1623108
n-Propylbenzene	U		0.0472	0.200	1	02/21/2021 14:44	WG1623108
Styrene	U		0.109	0.500	1	02/21/2021 14:44	WG1623108
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/21/2021 14:44	WG1623108
1,1,2,2-Tetrachloroethane	U	J4	0.0156	0.100	1	02/21/2021 14:44	WG1623108
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/21/2021 14:44	WG1623108
Tetrachloroethene	0.741		0.0280	0.100	1	02/21/2021 14:44	WG1623108
Toluene	U		0.0500	0.200	1	02/21/2021 14:44	WG1623108
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/21/2021 14:44	WG1623108
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/21/2021 14:44	WG1623108
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/22/2021 19:11	WG1623651
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/21/2021 14:44	WG1623108
Trichloroethene	0.271		0.0160	0.0400	1	02/22/2021 19:11	WG1623651
Trichlorofluoromethane	U		0.0200	0.100	1	02/21/2021 14:44	WG1623108
1,2,3-Trichloropropane	U		0.204	0.500	1	02/21/2021 14:44	WG1623108
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/21/2021 14:44	WG1623108
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/21/2021 14:44	WG1623108
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/21/2021 14:44	WG1623108
Vinyl chloride	U		0.0273	0.100	1	02/21/2021 14:44	WG1623108
Xylenes, Total	U		0.191	0.260	1	02/21/2021 14:44	WG1623108
Ethyl Ether	U		0.0170	0.100	1	02/21/2021 14:44	WG1623108
Tetrahydrofuran	0.224	C3 J	0.0900	0.500	1	02/21/2021 14:44	WG1623108
Iodomethane	U		0.242	0.500	1	02/21/2021 14:44	WG1623108
Allyl chloride	U		0.580	1.00	1	02/21/2021 14:44	WG1623108
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/21/2021 14:44	WG1623108
(S) Toluene-d8	*91.6*			*75.0-131*		*02/21/2021 14:44*	WG1623108
(S) Toluene-d8	*99.6*			*75.0-131*		*02/22/2021 19:11*	WG1623651
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/21/2021 14:44*	WG1623108
(S) 4-Bromofluorobenzene	*93.9*			*67.0-138*		*02/22/2021 19:11*	WG1623651
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*02/21/2021 14:44*	WG1623108
(S) 1,2-Dichloroethane-d4	*97.4*			*70.0-130*		*02/22/2021 19:11*	WG1623651

Wet Chemistry by Method 9056A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Sulfate	48900		594	5000	1	02/21/2021 16:44	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1020	B	102	1000	1	02/22/2021 07:42	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Iron	9100		28.1	100	1	02/23/2021 11:00	WG1623308
Manganese	460		0.704	5.00	1	02/23/2021 11:00	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Methane	26.7		0.287	0.678	1	02/23/2021 13:43	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:43	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:43	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	1.27	C5	0.548	1.00	1	02/21/2021 15:03	WG1623108
Acrylonitrile	U		0.0760	0.500	1	02/21/2021 15:03	WG1623108
Benzene	0.0240	J	0.0160	0.0400	1	02/21/2021 15:03	WG1623108
Bromobenzene	U		0.0420	0.500	1	02/21/2021 15:03	WG1623108
Bromodichloromethane	U		0.0315	0.100	1	02/21/2021 15:03	WG1623108
Bromoform	U		0.239	1.00	1	02/21/2021 15:03	WG1623108
Bromomethane	U		0.148	0.500	1	02/21/2021 15:03	WG1623108
n-Butylbenzene	U		0.153	0.500	1	02/21/2021 15:03	WG1623108
sec-Butylbenzene	U		0.101	0.500	1	02/21/2021 15:03	WG1623108
tert-Butylbenzene	U		0.0620	0.200	1	02/21/2021 15:03	WG1623108
Carbon tetrachloride	U		0.0432	0.200	1	02/21/2021 15:03	WG1623108
Chlorobenzene	U		0.0229	0.100	1	02/21/2021 15:03	WG1623108
Chlorodibromomethane	U		0.0180	0.100	1	02/21/2021 15:03	WG1623108
Chloroethane	U		0.0432	0.200	1	02/21/2021 15:03	WG1623108
Chloroform	U		0.0166	0.100	1	02/21/2021 15:03	WG1623108
Chloromethane	U		0.0556	0.500	1	02/21/2021 15:03	WG1623108
2-Chlorotoluene	U		0.0368	0.100	1	02/21/2021 15:03	WG1623108
4-Chlorotoluene	U		0.0452	0.200	1	02/21/2021 15:03	WG1623108
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/21/2021 15:03	WG1623108
1,2-Dibromoethane	U		0.0210	0.100	1	02/21/2021 15:03	WG1623108
Dibromomethane	U		0.0400	0.200	1	02/21/2021 15:03	WG1623108
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/21/2021 15:03	WG1623108
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/21/2021 15:03	WG1623108
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/21/2021 15:03	WG1623108
Dichlorodifluoromethane	U		0.0327	0.100	1	02/21/2021 15:03	WG1623108
1,1-Dichloroethane	U		0.0230	0.100	1	02/21/2021 15:03	WG1623108
1,2-Dichloroethane	U		0.0190	0.100	1	02/21/2021 15:03	WG1623108
1,1-Dichloroethene	U		0.0200	0.100	1	02/21/2021 15:03	WG1623108
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/21/2021 15:03	WG1623108
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/22/2021 19:31	WG1623651
1,2-Dichloropropane	U		0.0508	0.200	1	02/21/2021 15:03	WG1623108

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/21/2021 15:03	WG1623108
1,3-Dichloropropane	U		0.0700	0.200	1	02/21/2021 15:03	WG1623108
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/21/2021 15:03	WG1623108
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/21/2021 15:03	WG1623108
2,2-Dichloropropane	U	J4	0.0317	0.100	1	02/21/2021 15:03	WG1623108
Di-isopropyl ether	U		0.0140	0.0400	1	02/21/2021 15:03	WG1623108
Ethylbenzene	0.105		0.0212	0.100	1	02/21/2021 15:03	WG1623108
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/21/2021 15:03	WG1623108
Isopropylbenzene	U		0.0345	0.100	1	02/21/2021 15:03	WG1623108
p-Isopropyltoluene	U		0.0932	0.200	1	02/21/2021 15:03	WG1623108
2-Butanone (MEK)	U		0.500	1.00	1	02/21/2021 15:03	WG1623108
Methylene Chloride	U		0.265	1.00	1	02/21/2021 15:03	WG1623108
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/21/2021 15:03	WG1623108
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/21/2021 15:03	WG1623108
Naphthalene	U	C3	0.124	0.500	1	02/21/2021 15:03	WG1623108
n-Propylbenzene	U		0.0472	0.200	1	02/21/2021 15:03	WG1623108
Styrene	U		0.109	0.500	1	02/21/2021 15:03	WG1623108
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/21/2021 15:03	WG1623108
1,1,2,2-Tetrachloroethane	U	J4	0.0156	0.100	1	02/21/2021 15:03	WG1623108
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/21/2021 15:03	WG1623108
Tetrachloroethene	U		0.0280	0.100	1	02/21/2021 15:03	WG1623108
Toluene	0.481		0.0500	0.200	1	02/21/2021 15:03	WG1623108
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/21/2021 15:03	WG1623108
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/21/2021 15:03	WG1623108
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/22/2021 19:31	WG1623651
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/21/2021 15:03	WG1623108
Trichloroethene	U	J4	0.0160	0.0400	1	02/21/2021 15:03	WG1623108
Trichlorofluoromethane	U		0.0200	0.100	1	02/21/2021 15:03	WG1623108
1,2,3-Trichloropropane	U		0.204	0.500	1	02/21/2021 15:03	WG1623108
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/21/2021 15:03	WG1623108
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/21/2021 15:03	WG1623108
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/21/2021 15:03	WG1623108
Vinyl chloride	U		0.0273	0.100	1	02/21/2021 15:03	WG1623108
Xylenes, Total	0.686		0.191	0.260	1	02/21/2021 15:03	WG1623108
Ethyl Ether	U		0.0170	0.100	1	02/21/2021 15:03	WG1623108
Tetrahydrofuran	U	C3	0.0900	0.500	1	02/21/2021 15:03	WG1623108
Iodomethane	U		0.242	0.500	1	02/21/2021 15:03	WG1623108
Allyl chloride	U		0.580	1.00	1	02/21/2021 15:03	WG1623108
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/21/2021 15:03	WG1623108
(S) Toluene-d8	*93.4*			*75.0-131*		*02/21/2021 15:03*	WG1623108
(S) Toluene-d8	*102*			*75.0-131*		*02/22/2021 19:31*	WG1623651
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*02/21/2021 15:03*	WG1623108
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*		*02/22/2021 19:31*	WG1623651
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*02/21/2021 15:03*	WG1623108
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*02/22/2021 19:31*	WG1623651

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	32400		594	5000	1	02/21/2021 16:57	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	1700	B	102	1000	1	02/22/2021 07:54	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	1570		28.1	100	1	02/23/2021 11:04	WG1623308
Manganese	176		0.704	5.00	1	02/23/2021 11:04	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	93.8		0.287	0.678	1	02/23/2021 13:45	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:45	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:45	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.41	C5	0.548	1.00	1	02/21/2021 15:22	WG1623108
Acrylonitrile	U		0.0760	0.500	1	02/21/2021 15:22	WG1623108
Benzene	0.0200	J	0.0160	0.0400	1	02/21/2021 15:22	WG1623108
Bromobenzene	U		0.0420	0.500	1	02/21/2021 15:22	WG1623108
Bromodichloromethane	U		0.0315	0.100	1	02/21/2021 15:22	WG1623108
Bromoform	U		0.239	1.00	1	02/21/2021 15:22	WG1623108
Bromomethane	U		0.148	0.500	1	02/21/2021 15:22	WG1623108
n-Butylbenzene	U		0.153	0.500	1	02/21/2021 15:22	WG1623108
sec-Butylbenzene	U		0.101	0.500	1	02/21/2021 15:22	WG1623108
tert-Butylbenzene	U		0.0620	0.200	1	02/21/2021 15:22	WG1623108
Carbon tetrachloride	U		0.0432	0.200	1	02/21/2021 15:22	WG1623108
Chlorobenzene	U		0.0229	0.100	1	02/21/2021 15:22	WG1623108
Chlorodibromomethane	U		0.0180	0.100	1	02/21/2021 15:22	WG1623108
Chloroethane	U		0.0432	0.200	1	02/21/2021 15:22	WG1623108
Chloroform	U		0.0166	0.100	1	02/21/2021 15:22	WG1623108
Chloromethane	U		0.0556	0.500	1	02/21/2021 15:22	WG1623108
2-Chlorotoluene	U		0.0368	0.100	1	02/21/2021 15:22	WG1623108
4-Chlorotoluene	U		0.0452	0.200	1	02/21/2021 15:22	WG1623108
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/21/2021 15:22	WG1623108
1,2-Dibromoethane	U		0.0210	0.100	1	02/21/2021 15:22	WG1623108
Dibromomethane	U		0.0400	0.200	1	02/21/2021 15:22	WG1623108
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/21/2021 15:22	WG1623108
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/21/2021 15:22	WG1623108
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/21/2021 15:22	WG1623108
Dichlorodifluoromethane	U		0.0327	0.100	1	02/21/2021 15:22	WG1623108
1,1-Dichloroethane	U		0.0230	0.100	1	02/21/2021 15:22	WG1623108
1,2-Dichloroethane	U		0.0190	0.100	1	02/21/2021 15:22	WG1623108
1,1-Dichloroethene	U		0.0200	0.100	1	02/21/2021 15:22	WG1623108
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/21/2021 15:22	WG1623108
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/22/2021 19:52	WG1623651
1,2-Dichloropropane	U		0.0508	0.200	1	02/21/2021 15:22	WG1623108

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/21/2021 15:22	WG1623108
1,3-Dichloropropane	U		0.0700	0.200	1	02/21/2021 15:22	WG1623108
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/21/2021 15:22	WG1623108
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/21/2021 15:22	WG1623108
2,2-Dichloropropane	U	J4	0.0317	0.100	1	02/21/2021 15:22	WG1623108
Di-isopropyl ether	U		0.0140	0.0400	1	02/21/2021 15:22	WG1623108
Ethylbenzene	U		0.0212	0.100	1	02/21/2021 15:22	WG1623108
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/21/2021 15:22	WG1623108
Isopropylbenzene	U		0.0345	0.100	1	02/21/2021 15:22	WG1623108
p-Isopropyltoluene	U		0.0932	0.200	1	02/21/2021 15:22	WG1623108
2-Butanone (MEK)	U		0.500	1.00	1	02/21/2021 15:22	WG1623108
Methylene Chloride	U		0.265	1.00	1	02/21/2021 15:22	WG1623108
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/21/2021 15:22	WG1623108
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/21/2021 15:22	WG1623108
Naphthalene	U	C3	0.124	0.500	1	02/21/2021 15:22	WG1623108
n-Propylbenzene	U		0.0472	0.200	1	02/21/2021 15:22	WG1623108
Styrene	U		0.109	0.500	1	02/21/2021 15:22	WG1623108
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/21/2021 15:22	WG1623108
1,1,2,2-Tetrachloroethane	U	J4	0.0156	0.100	1	02/21/2021 15:22	WG1623108
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/21/2021 15:22	WG1623108
Tetrachloroethene	U		0.0280	0.100	1	02/21/2021 15:22	WG1623108
Toluene	0.112	J	0.0500	0.200	1	02/21/2021 15:22	WG1623108
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/21/2021 15:22	WG1623108
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/21/2021 15:22	WG1623108
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/22/2021 19:52	WG1623651
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/21/2021 15:22	WG1623108
Trichloroethene	U	J4	0.0160	0.0400	1	02/21/2021 15:22	WG1623108
Trichlorofluoromethane	U		0.0200	0.100	1	02/21/2021 15:22	WG1623108
1,2,3-Trichloropropane	U		0.204	0.500	1	02/21/2021 15:22	WG1623108
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/21/2021 15:22	WG1623108
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/21/2021 15:22	WG1623108
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/21/2021 15:22	WG1623108
Vinyl chloride	U		0.0273	0.100	1	02/21/2021 15:22	WG1623108
Xylenes, Total	U		0.191	0.260	1	02/21/2021 15:22	WG1623108
Ethyl Ether	U		0.0170	0.100	1	02/21/2021 15:22	WG1623108
Tetrahydrofuran	0.152	C3 J	0.0900	0.500	1	02/21/2021 15:22	WG1623108
Iodomethane	U		0.242	0.500	1	02/21/2021 15:22	WG1623108
Allyl chloride	U		0.580	1.00	1	02/21/2021 15:22	WG1623108
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/21/2021 15:22	WG1623108
(S) Toluene-d8	*93.9*			*75.0-131*		*02/21/2021 15:22*	WG1623108
(S) Toluene-d8	*99.3*			*75.0-131*		*02/22/2021 19:52*	WG1623651
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/21/2021 15:22*	WG1623108
(S) 4-Bromofluorobenzene	*95.4*			*67.0-138*		*02/22/2021 19:52*	WG1623651
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*02/21/2021 15:22*	WG1623108
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*02/22/2021 19:52*	WG1623651

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	9160		594	5000	1	02/21/2021 17:10	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	5640		102	1000	1	02/22/2021 08:07	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	5720		28.1	100	1	02/23/2021 11:07	WG1623308
Manganese	767		0.704	5.00	1	02/23/2021 11:07	WG1623308

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	8410		2.87	6.78	10	02/23/2021 15:14	WG1624302
Ethane	U		0.296	1.29	1	02/23/2021 13:47	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:47	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	1.12	C5	0.548	1.00	1	02/21/2021 15:41	WG1623108
Acrylonitrile	U		0.0760	0.500	1	02/21/2021 15:41	WG1623108
Benzene	0.0370	J	0.0160	0.0400	1	02/21/2021 15:41	WG1623108
Bromobenzene	U		0.0420	0.500	1	02/21/2021 15:41	WG1623108
Bromodichloromethane	U		0.0315	0.100	1	02/21/2021 15:41	WG1623108
Bromoform	U		0.239	1.00	1	02/21/2021 15:41	WG1623108
Bromomethane	U		0.148	0.500	1	02/21/2021 15:41	WG1623108
n-Butylbenzene	U		0.153	0.500	1	02/21/2021 15:41	WG1623108
sec-Butylbenzene	U		0.101	0.500	1	02/21/2021 15:41	WG1623108
tert-Butylbenzene	U		0.0620	0.200	1	02/21/2021 15:41	WG1623108
Carbon tetrachloride	U		0.0432	0.200	1	02/21/2021 15:41	WG1623108
Chlorobenzene	U		0.0229	0.100	1	02/21/2021 15:41	WG1623108
Chlorodibromomethane	U		0.0180	0.100	1	02/21/2021 15:41	WG1623108
Chloroethane	U		0.0432	0.200	1	02/21/2021 15:41	WG1623108
Chloroform	U		0.0166	0.100	1	02/21/2021 15:41	WG1623108
Chloromethane	U		0.0556	0.500	1	02/21/2021 15:41	WG1623108
2-Chlorotoluene	U		0.0368	0.100	1	02/21/2021 15:41	WG1623108
4-Chlorotoluene	U		0.0452	0.200	1	02/21/2021 15:41	WG1623108
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/21/2021 15:41	WG1623108
1,2-Dibromoethane	U		0.0210	0.100	1	02/21/2021 15:41	WG1623108
Dibromomethane	U		0.0400	0.200	1	02/21/2021 15:41	WG1623108
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/21/2021 15:41	WG1623108
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/21/2021 15:41	WG1623108
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/21/2021 15:41	WG1623108
Dichlorodifluoromethane	U		0.0327	0.100	1	02/21/2021 15:41	WG1623108
1,1-Dichloroethane	U		0.0230	0.100	1	02/21/2021 15:41	WG1623108
1,2-Dichloroethane	U		0.0190	0.100	1	02/21/2021 15:41	WG1623108
1,1-Dichloroethene	U		0.0200	0.100	1	02/21/2021 15:41	WG1623108
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/21/2021 15:41	WG1623108
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/22/2021 20:13	WG1623651
1,2-Dichloropropane	U		0.0508	0.200	1	02/21/2021 15:41	WG1623108

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,1-Dichloropropene	U		0.0280	0.100	1	02/21/2021 15:41	WG1623108
1,3-Dichloropropane	U		0.0700	0.200	1	02/21/2021 15:41	WG1623108
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/21/2021 15:41	WG1623108
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/21/2021 15:41	WG1623108
2,2-Dichloropropane	U	J4	0.0317	0.100	1	02/21/2021 15:41	WG1623108
Di-isopropyl ether	U		0.0140	0.0400	1	02/21/2021 15:41	WG1623108
Ethylbenzene	0.161		0.0212	0.100	1	02/21/2021 15:41	WG1623108
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/21/2021 15:41	WG1623108
Isopropylbenzene	U		0.0345	0.100	1	02/21/2021 15:41	WG1623108
p-Isopropyltoluene	U		0.0932	0.200	1	02/21/2021 15:41	WG1623108
2-Butanone (MEK)	U		0.500	1.00	1	02/21/2021 15:41	WG1623108
Methylene Chloride	U		0.265	1.00	1	02/21/2021 15:41	WG1623108
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/21/2021 15:41	WG1623108
Methyl tert-butyl ether	0.0470		0.0118	0.0400	1	02/21/2021 15:41	WG1623108
Naphthalene	U	C3	0.124	0.500	1	02/21/2021 15:41	WG1623108
n-Propylbenzene	U		0.0472	0.200	1	02/21/2021 15:41	WG1623108
Styrene	U		0.109	0.500	1	02/21/2021 15:41	WG1623108
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/21/2021 15:41	WG1623108
1,1,2,2-Tetrachloroethane	U	J4	0.0156	0.100	1	02/21/2021 15:41	WG1623108
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/21/2021 15:41	WG1623108
Tetrachloroethene	0.0480	J	0.0280	0.100	1	02/21/2021 15:41	WG1623108
Toluene	1.23		0.0500	0.200	1	02/21/2021 15:41	WG1623108
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/21/2021 15:41	WG1623108
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/21/2021 15:41	WG1623108
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/22/2021 20:13	WG1623651
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/21/2021 15:41	WG1623108
Trichloroethene	U	J4	0.0160	0.0400	1	02/21/2021 15:41	WG1623108
Trichlorofluoromethane	U		0.0200	0.100	1	02/21/2021 15:41	WG1623108
1,2,3-Trichloropropane	U		0.204	0.500	1	02/21/2021 15:41	WG1623108
1,2,4-Trimethylbenzene	0.143	J	0.0464	0.200	1	02/21/2021 15:41	WG1623108
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	02/21/2021 15:41	WG1623108
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/21/2021 15:41	WG1623108
Vinyl chloride	U		0.0273	0.100	1	02/21/2021 15:41	WG1623108
Xylenes, Total	0.968		0.191	0.260	1	02/21/2021 15:41	WG1623108
Ethyl Ether	U		0.0170	0.100	1	02/21/2021 15:41	WG1623108
Tetrahydrofuran	U	C3	0.0900	0.500	1	02/21/2021 15:41	WG1623108
Iodomethane	U		0.242	0.500	1	02/21/2021 15:41	WG1623108
Allyl chloride	U		0.580	1.00	1	02/21/2021 15:41	WG1623108
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/21/2021 15:41	WG1623108
(S) Toluene-d8	*95.5*			*75.0-131*		*02/21/2021 15:41*	WG1623108
(S) Toluene-d8	*99.6*			*75.0-131*		*02/22/2021 20:13*	WG1623651
(S) 4-Bromofluorobenzene	*100*			*67.0-138*		*02/21/2021 15:41*	WG1623108
(S) 4-Bromofluorobenzene	*89.0*			*67.0-138*		*02/22/2021 20:13*	WG1623651
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*02/21/2021 15:41*	WG1623108
(S) 1,2-Dichloroethane-d4	*98.4*			*70.0-130*		*02/22/2021 20:13*	WG1623651

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Sulfate	U		594	5000	1	02/21/2021 17:23	WG1622758

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	843	B J	102	1000	1	02/22/2021 08:24	WG1623226

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	U		28.1	100	1	02/23/2021 11:10	WG1623308
Manganese	0.988	J	0.704	5.00	1	02/23/2021 11:10	WG1623308

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Gasoline Range Organics-NWTPH	U		31.6	100	1	02/21/2021 06:15	WG1621855
(S) a,a,a-Trifluorotoluene(FID)	*99.6*			*78.0-120*		*02/21/2021 06:15*	WG1621855

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Methane	U		0.287	0.678	1	02/23/2021 13:50	WG1623952
Ethane	U		0.296	1.29	1	02/23/2021 13:50	WG1623952
Ethene	U		0.422	1.27	1	02/23/2021 13:50	WG1623952

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	4.96	C5	0.548	1.00	1	02/21/2021 12:32	WG1623108
Acrylonitrile	U		0.0760	0.500	1	02/21/2021 12:32	WG1623108
Benzene	U		0.0160	0.0400	1	02/21/2021 12:32	WG1623108
Bromobenzene	U		0.0420	0.500	1	02/21/2021 12:32	WG1623108
Bromodichloromethane	U		0.0315	0.100	1	02/21/2021 12:32	WG1623108
Bromoform	U		0.239	1.00	1	02/21/2021 12:32	WG1623108
Bromomethane	U		0.148	0.500	1	02/21/2021 12:32	WG1623108
n-Butylbenzene	U		0.153	0.500	1	02/21/2021 12:32	WG1623108
sec-Butylbenzene	U		0.101	0.500	1	02/21/2021 12:32	WG1623108
tert-Butylbenzene	U		0.0620	0.200	1	02/21/2021 12:32	WG1623108
Carbon tetrachloride	U		0.0432	0.200	1	02/21/2021 12:32	WG1623108
Chlorobenzene	U		0.0229	0.100	1	02/21/2021 12:32	WG1623108
Chlorodibromomethane	U		0.0180	0.100	1	02/21/2021 12:32	WG1623108
Chloroethane	U		0.0432	0.200	1	02/21/2021 12:32	WG1623108
Chloroform	U		0.0166	0.100	1	02/21/2021 12:32	WG1623108
Chloromethane	U		0.0556	0.500	1	02/21/2021 12:32	WG1623108
2-Chlorotoluene	U		0.0368	0.100	1	02/21/2021 12:32	WG1623108
4-Chlorotoluene	U		0.0452	0.200	1	02/21/2021 12:32	WG1623108
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	02/21/2021 12:32	WG1623108
1,2-Dibromoethane	U		0.0210	0.100	1	02/21/2021 12:32	WG1623108
Dibromomethane	U		0.0400	0.200	1	02/21/2021 12:32	WG1623108
1,2-Dichlorobenzene	U		0.0580	0.200	1	02/21/2021 12:32	WG1623108
1,3-Dichlorobenzene	U		0.0680	0.200	1	02/21/2021 12:32	WG1623108

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dichlorobenzene	U		0.0788	0.200	1	02/21/2021 12:32	WG1623108
Dichlorodifluoromethane	U		0.0327	0.100	1	02/21/2021 12:32	WG1623108
1,1-Dichloroethane	U		0.0230	0.100	1	02/21/2021 12:32	WG1623108
1,2-Dichloroethane	U		0.0190	0.100	1	02/21/2021 12:32	WG1623108
1,1-Dichloroethene	U		0.0200	0.100	1	02/21/2021 12:32	WG1623108
cis-1,2-Dichloroethene	U		0.0276	0.100	1	02/21/2021 12:32	WG1623108
trans-1,2-Dichloroethene	U		0.0572	0.200	1	02/22/2021 20:34	WG1623651
1,2-Dichloropropane	U		0.0508	0.200	1	02/21/2021 12:32	WG1623108
1,1-Dichloropropene	U		0.0280	0.100	1	02/21/2021 12:32	WG1623108
1,3-Dichloropropane	U		0.0700	0.200	1	02/21/2021 12:32	WG1623108
cis-1,3-Dichloropropene	U		0.0271	0.100	1	02/21/2021 12:32	WG1623108
trans-1,3-Dichloropropene	U		0.0612	0.200	1	02/21/2021 12:32	WG1623108
2,2-Dichloropropane	U	J4	0.0317	0.100	1	02/21/2021 12:32	WG1623108
Di-isopropyl ether	U		0.0140	0.0400	1	02/21/2021 12:32	WG1623108
Ethylbenzene	U		0.0212	0.100	1	02/21/2021 12:32	WG1623108
Hexachloro-1,3-butadiene	U		0.508	1.00	1	02/21/2021 12:32	WG1623108
Isopropylbenzene	U		0.0345	0.100	1	02/21/2021 12:32	WG1623108
p-Isopropyltoluene	U		0.0932	0.200	1	02/21/2021 12:32	WG1623108
2-Butanone (MEK)	U		0.500	1.00	1	02/21/2021 12:32	WG1623108
Methylene Chloride	U		0.265	1.00	1	02/21/2021 12:32	WG1623108
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	02/21/2021 12:32	WG1623108
Methyl tert-butyl ether	U		0.0118	0.0400	1	02/21/2021 12:32	WG1623108
Naphthalene	U	C3	0.124	0.500	1	02/21/2021 12:32	WG1623108
n-Propylbenzene	U		0.0472	0.200	1	02/21/2021 12:32	WG1623108
Styrene	U		0.109	0.500	1	02/21/2021 12:32	WG1623108
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	02/21/2021 12:32	WG1623108
1,1,2,2-Tetrachloroethane	U	J4	0.0156	0.100	1	02/21/2021 12:32	WG1623108
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	02/21/2021 12:32	WG1623108
Tetrachloroethene	U		0.0280	0.100	1	02/21/2021 12:32	WG1623108
Toluene	U		0.0500	0.200	1	02/21/2021 12:32	WG1623108
1,2,3-Trichlorobenzene	U	C4	0.0250	0.500	1	02/21/2021 12:32	WG1623108
1,2,4-Trichlorobenzene	U		0.193	0.500	1	02/21/2021 12:32	WG1623108
1,1,1-Trichloroethane	U		0.0110	0.100	1	02/22/2021 20:34	WG1623651
1,1,2-Trichloroethane	U		0.0353	0.100	1	02/21/2021 12:32	WG1623108
Trichloroethene	U	J4	0.0160	0.0400	1	02/21/2021 12:32	WG1623108
Trichlorofluoromethane	U		0.0200	0.100	1	02/21/2021 12:32	WG1623108
1,2,3-Trichloropropane	U		0.204	0.500	1	02/21/2021 12:32	WG1623108
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	02/21/2021 12:32	WG1623108
1,2,3-Trimethylbenzene	0.0500	J	0.0460	0.200	1	02/21/2021 12:32	WG1623108
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	02/21/2021 12:32	WG1623108
Vinyl chloride	U		0.0273	0.100	1	02/21/2021 12:32	WG1623108
Xylenes, Total	U		0.191	0.260	1	02/21/2021 12:32	WG1623108
Ethyl Ether	U		0.0170	0.100	1	02/21/2021 12:32	WG1623108
Tetrahydrofuran	0.229	C3 J	0.0900	0.500	1	02/21/2021 12:32	WG1623108
Iodomethane	U		0.242	0.500	1	02/21/2021 12:32	WG1623108
Allyl chloride	U		0.580	1.00	1	02/21/2021 12:32	WG1623108
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	02/21/2021 12:32	WG1623108
(S) Toluene-d8	*92.5*			*75.0-131*		*02/21/2021 12:32*	WG1623108
(S) Toluene-d8	*101*			*75.0-131*		*02/22/2021 20:34*	WG1623651
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*02/21/2021 12:32*	WG1623108
(S) 4-Bromofluorobenzene	*96.1*			*67.0-138*		*02/22/2021 20:34*	WG1623651
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*02/21/2021 12:32*	WG1623108
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*02/22/2021 20:34*	WG1623651

Method Blank (MB)

(MB) R3623911-1 02/21/21 13:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Sulfate	U		594	5000

L1317227-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1317227-01 02/21/21 13:51 • (DUP) R3623911-3 02/21/21 14:04

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	5290	5310	1	0.375		15

L1317227-16 Original Sample (OS) • Duplicate (DUP)

(OS) L1317227-16 02/21/21 17:23 • (DUP) R3623911-5 02/21/21 17:36

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Sulfate	U	U	1	0.000		15

Laboratory Control Sample (LCS)

(LCS) R3623911-2 02/21/21 13:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Sulfate	40000	41100	103	80.0-120	

L1317227-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1317227-01 02/21/21 13:51 • (MS) R3623911-4 02/21/21 14:17

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Sulfate	50000	5290	57300	104	1	80.0-120	

L1317707-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1317707-06 02/21/21 20:00 • (MS) R3623911-6 02/21/21 20:13 • (MSD) R3623911-7 02/21/21 20:26

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Sulfate	50000	261000	307000	300000	90.6	77.2	1	80.0-120	E	E V	2.23	15

Method Blank (MB)

(MB) R3623977-1 02/22/21 00:44

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
TOC (Total Organic Carbon)	293	J	102	1000

L1317227-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1317227-03 02/22/21 04:12 • (DUP) R3623977-5 02/22/21 04:30

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	7560	7580	1	0.357		20

L1317227-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1317227-10 02/22/21 05:30 • (DUP) R3623977-6 02/22/21 05:42

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC (Total Organic Carbon)	3700	3680	1	0.543		20

Laboratory Control Sample (LCS)

(LCS) R3623977-2 02/22/21 01:12

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC (Total Organic Carbon)	75000	78400	105	85.0-115	

L1317227-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1317227-12 02/22/21 07:01 • (MS) R3623977-7 02/22/21 07:15 • (MSD) R3623977-8 02/22/21 07:29

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	4920	50600	51700	91.4	93.5	1	80.0-120			2.13	20

L1317202-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1317202-09 02/22/21 11:59 • (MS) R3623977-9 02/22/21 12:13 • (MSD) R3623977-10 02/22/21 12:27

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC (Total Organic Carbon)	50000	2860	50600	51800	95.6	98.0	1	80.0-120			2.34	20

Method Blank (MB)

(MB) R3624206-1 02/23/21 08:35

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iron	U		28.1	100
Manganese	U		0.704	5.00

Laboratory Control Sample (LCS)

(LCS) R3624206-2 02/23/21 08:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	5000	4990	99.7	80.0-120	
Manganese	50.0	49.1	98.2	80.0-120	

L1317227-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1317227-02 02/23/21 08:42 • (MS) R3624206-4 02/23/21 08:48 • (MSD) R3624206-5 02/23/21 08:52

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	5000	49.0	5060	4890	100	96.9	1	75.0-125			3.36	20
Manganese	50.0	12.9	63.5	61.1	101	96.4	1	75.0-125			3.85	20

Method Blank (MB)

(MB) R3623663-2 02/21/21 00:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	*99.1*			*78.0-120*

Laboratory Control Sample (LCS)

(LCS) R3623663-1 02/21/21 00:09

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5500	4690	85.3	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			*104*	*78.0-120*	

Method Blank (MB)

(MB) R3624329-2 02/23/21 13:06

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		0.287	0.678
Ethane	U		0.296	1.29
Ethene	U		0.422	1.27

L1317227-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1317227-03 02/23/21 13:17 • (DUP) R3624329-3 02/23/21 13:38

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	3960	3960	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1317227-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1317227-14 02/23/21 13:45 • (DUP) R3624329-4 02/23/21 14:54

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	93.8	85.5	1	9.26		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3624329-1 02/23/21 13:01 • (LCSD) R3624329-5 02/23/21 14:57

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	74.8	68.3	110	101	85.0-115			9.08	20
Ethane	129	126	133	97.7	103	85.0-115			5.41	20
Ethene	127	124	130	97.6	102	85.0-115			4.72	20

Method Blank (MB)

(MB) R3624344-2 02/23/21 15:10

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methane	U		0.287	0.678

L1316975-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1316975-05 02/23/21 15:12 • (DUP) R3624344-3 02/23/21 15:17

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	ug/l	ug/l		%		%
Methane	22600	22700	10	0.442		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3624344-1 02/23/21 14:57 • (LCSD) R3624344-4 02/23/21 15:19

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	68.3	75.3	101	111	85.0-115			9.75	20

Method Blank (MB)

(MB) R3622906-3 02/17/21 10:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
trans-1,2-Dichloroethene	U		0.0572	0.200
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100

Method Blank (MB)

(MB) R3622906-3 02/17/21 10:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.508	1.00
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	U		0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,1-Trichloroethane	U		0.0110	0.100
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*119*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3622906-1 02/17/21 09:49 • (LCSD) R3622906-2 02/17/21 10:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	24.3	25.3	97.2	101	10.0-160			4.03	31
Acrylonitrile	25.0	32.7	32.8	131	131	45.0-153			0.305	22
Benzene	5.00	4.53	4.65	90.6	93.0	70.0-123			2.61	20
Bromobenzene	5.00	5.46	5.35	109	107	73.0-121			2.04	20
Bromodichloromethane	5.00	4.29	4.51	85.8	90.2	73.0-121			5.00	20
Bromoform	5.00	4.86	5.03	97.2	101	64.0-132			3.44	20
Bromomethane	5.00	4.87	5.42	97.4	108	56.0-147			10.7	20
n-Butylbenzene	5.00	4.36	4.73	87.2	94.6	68.0-135			8.14	20
sec-Butylbenzene	5.00	4.78	4.95	95.6	99.0	74.0-130			3.49	20
tert-Butylbenzene	5.00	4.89	5.15	97.8	103	75.0-127			5.18	20
Carbon tetrachloride	5.00	4.08	4.70	81.6	94.0	66.0-128			14.1	20
Chlorobenzene	5.00	5.57	6.04	111	121	76.0-128			8.10	20
Chlorodibromomethane	5.00	5.41	5.45	108	109	74.0-127			0.737	20
Chloroethane	5.00	5.44	5.62	109	112	61.0-134			3.25	20
Chloroform	5.00	4.71	4.89	94.2	97.8	72.0-123			3.75	20
Chloromethane	5.00	7.37	8.08	147	162	51.0-138	J4	J4	9.19	20
2-Chlorotoluene	5.00	4.71	5.31	94.2	106	75.0-124			12.0	20
4-Chlorotoluene	5.00	4.74	4.93	94.8	98.6	75.0-124			3.93	20
1,2-Dibromo-3-Chloropropane	5.00	4.56	4.65	91.2	93.0	59.0-130			1.95	20
1,2-Dibromoethane	5.00	5.66	5.88	113	118	74.0-128			3.81	20
Dibromomethane	5.00	4.34	4.31	86.8	86.2	75.0-122			0.694	20
1,2-Dichlorobenzene	5.00	5.06	5.48	101	110	76.0-124			7.97	20
1,3-Dichlorobenzene	5.00	5.00	5.09	100	102	76.0-125			1.78	20
1,4-Dichlorobenzene	5.00	4.95	5.27	99.0	105	77.0-121			6.26	20
trans-1,4-Dichloro-2-butene	5.00	6.39	6.07	128	121	45.0-143			5.14	20
Dichlorodifluoromethane	5.00	5.00	5.33	100	107	43.0-156			6.39	20
1,1-Dichloroethane	5.00	4.62	4.97	92.4	99.4	70.0-127			7.30	20
1,2-Dichloroethane	5.00	5.01	5.31	100	106	65.0-131			5.81	20
1,1-Dichloroethene	5.00	5.45	5.77	109	115	65.0-131			5.70	20
cis-1,2-Dichloroethene	5.00	4.91	5.16	98.2	103	73.0-125			4.97	20
trans-1,2-Dichloroethene	5.00	5.35	5.34	107	107	71.0-125			0.187	20
1,2-Dichloropropane	5.00	5.06	5.21	101	104	74.0-125			2.92	20
1,1-Dichloropropene	5.00	4.71	4.87	94.2	97.4	73.0-125			3.34	20
1,3-Dichloropropane	5.00	5.07	5.24	101	105	80.0-125			3.30	20
cis-1,3-Dichloropropene	5.00	4.44	4.48	88.8	89.6	76.0-127			0.897	20
trans-1,3-Dichloropropene	5.00	5.00	5.15	100	103	73.0-127			2.96	20
2,2-Dichloropropane	5.00	4.19	4.78	83.8	95.6	59.0-135			13.2	20
Di-isopropyl ether	5.00	6.08	6.20	122	124	60.0-136			1.95	20
Ethylbenzene	5.00	5.42	5.75	108	115	74.0-126			5.91	20
Ethyl ether	5.00	5.67	6.03	113	121	64.0-137			6.15	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3622906-1 02/17/21 09:49 • (LCSD) R3622906-2 02/17/21 10:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Hexachloro-1,3-butadiene	5.00	5.09	5.61	102	112	57.0-150			9.72	20
Iodomethane	25.0	22.1	23.7	88.4	94.8	74.0-134			6.99	20
Isopropylbenzene	5.00	5.11	5.59	102	112	72.0-127			8.97	20
p-Isopropyltoluene	5.00	4.54	4.84	90.8	96.8	72.0-133			6.40	20
2-Butanone (MEK)	25.0	31.8	31.0	127	124	30.0-160			2.55	24
Methylene Chloride	5.00	4.57	4.90	91.4	98.0	68.0-123			6.97	20
4-Methyl-2-pentanone (MIBK)	25.0	32.7	34.9	131	140	56.0-143			6.51	20
Methyl tert-butyl ether	5.00	4.54	4.84	90.8	96.8	66.0-132			6.40	20
Naphthalene	5.00	4.90	5.35	98.0	107	59.0-130			8.78	20
n-Propylbenzene	5.00	4.60	4.78	92.0	95.6	74.0-126			3.84	20
Styrene	5.00	5.13	5.46	103	109	72.0-127			6.23	20
1,1,1,2-Tetrachloroethane	5.00	4.90	5.21	98.0	104	74.0-129			6.13	20
1,1,2,2-Tetrachloroethane	5.00	4.60	4.60	92.0	92.0	68.0-128			0.000	20
Tetrachloroethene	5.00	5.83	6.21	117	124	70.0-136			6.31	20
Tetrahydrofuran	5.00	6.72	6.71	134	134	37.0-146			0.149	24
Toluene	5.00	5.32	5.80	106	116	75.0-121			8.63	20
1,1,2-Trichlorotrifluoroethane	5.00	4.89	5.35	97.8	107	61.0-139			8.98	20
1,2,3-Trichlorobenzene	5.00	5.18	5.37	104	107	59.0-139			3.60	20
1,2,4-Trichlorobenzene	5.00	4.85	5.58	97.0	112	62.0-137			14.0	20
1,1,1-Trichloroethane	5.00	4.73	5.18	94.6	104	69.0-126			9.08	20
1,1,2-Trichloroethane	5.00	6.24	6.40	125	128	78.0-123	J4	J4	2.53	20
Trichloroethene	5.00	5.14	5.34	103	107	76.0-126			3.82	20
Trichlorofluoromethane	5.00	4.54	4.81	90.8	96.2	61.0-142			5.78	20
1,2,3-Trichloropropane	5.00	5.13	5.12	103	102	67.0-129			0.195	20
1,2,3-Trimethylbenzene	5.00	6.21	6.49	124	130	74.0-124		J4	4.41	20
1,2,4-Trimethylbenzene	5.00	4.81	4.98	96.2	99.6	70.0-126			3.47	20
1,3,5-Trimethylbenzene	5.00	4.92	5.00	98.4	100	73.0-127			1.61	20
Vinyl chloride	5.00	5.79	6.24	116	125	63.0-134			7.48	20
Xylenes, Total	15.0	16.4	17.7	109	118	72.0-127			7.62	20
Allyl chloride	25.0	23.1	25.0	92.4	100	70.0-131			7.90	20
(S) Toluene-d8				*120*	*120*	*75.0-131*				
(S) 4-Bromofluorobenzene				*104*	*109*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*101*	*102*	*70.0-130*				

Method Blank (MB)

(MB) R3623577-2 02/20/21 10:08

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
cis-1,2-Dichloroethene	U		0.0276	0.100
(S) Toluene-d8	*118*			*75.0-131*
(S) 4-Bromofluorobenzene	*104*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3623577-1 02/20/21 09:31

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	5.00	5.10	102	73.0-125	
(S) Toluene-d8			*117*	*75.0-131*	
(S) 4-Bromofluorobenzene			*103*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*104*	*70.0-130*	

Method Blank (MB)

(MB) R3623916-2 02/21/21 10:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00

Method Blank (MB)

(MB) R3623916-2 02/21/21 10:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	0.0970	J	0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,2-Trichloroethane	U		0.0353	0.100
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*92.6*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3623916-1 02/21/21 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	40.0	160	10.0-160	
Acrylonitrile	25.0	30.0	120	45.0-153	
Benzene	5.00	5.14	103	70.0-123	

Laboratory Control Sample (LCS)

(LCS) R3623916-1 02/21/21 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromobenzene	5.00	4.86	97.2	73.0-121	
Bromodichloromethane	5.00	5.03	101	73.0-121	
Bromoform	5.00	4.79	95.8	64.0-132	
Bromomethane	5.00	6.20	124	56.0-147	
n-Butylbenzene	5.00	4.53	90.6	68.0-135	
sec-Butylbenzene	5.00	5.12	102	74.0-130	
tert-Butylbenzene	5.00	5.18	104	75.0-127	
Carbon tetrachloride	5.00	5.96	119	66.0-128	
Chlorobenzene	5.00	4.75	95.0	76.0-128	
Chlorodibromomethane	5.00	4.90	98.0	74.0-127	
Chloroethane	5.00	6.49	130	61.0-134	
Chloroform	5.00	5.97	119	72.0-123	
Chloromethane	5.00	6.49	130	51.0-138	
2-Chlorotoluene	5.00	5.08	102	75.0-124	
4-Chlorotoluene	5.00	4.99	99.8	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.07	81.4	59.0-130	
1,2-Dibromoethane	5.00	4.85	97.0	74.0-128	
Dibromomethane	5.00	5.24	105	75.0-122	
1,2-Dichlorobenzene	5.00	4.87	97.4	76.0-124	
1,3-Dichlorobenzene	5.00	4.63	92.6	76.0-125	
1,4-Dichlorobenzene	5.00	4.52	90.4	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	3.94	78.8	45.0-143	
Dichlorodifluoromethane	5.00	6.07	121	43.0-156	
1,1-Dichloroethane	5.00	5.85	117	70.0-127	
1,2-Dichloroethane	5.00	4.95	99.0	65.0-131	
1,1-Dichloroethene	5.00	6.49	130	65.0-131	
cis-1,2-Dichloroethene	5.00	5.90	118	73.0-125	
1,2-Dichloropropane	5.00	5.19	104	74.0-125	
1,1-Dichloropropene	5.00	5.48	110	73.0-125	
1,3-Dichloropropane	5.00	4.51	90.2	80.0-125	
cis-1,3-Dichloropropene	5.00	4.11	82.2	76.0-127	
trans-1,3-Dichloropropene	5.00	4.05	81.0	73.0-127	
2,2-Dichloropropane	5.00	2.85	57.0	59.0-135	J4
Di-isopropyl ether	5.00	5.72	114	60.0-136	
Ethylbenzene	5.00	4.80	96.0	74.0-126	
Ethyl ether	5.00	5.87	117	64.0-137	
Hexachloro-1,3-butadiene	5.00	5.19	104	57.0-150	
Iodomethane	25.0	32.4	130	74.0-134	
Isopropylbenzene	5.00	4.93	98.6	72.0-127	
p-Isopropyltoluene	5.00	4.82	96.4	72.0-133	

Laboratory Control Sample (LCS)

(LCS) R3623916-1 02/21/21 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Butanone (MEK)	25.0	29.4	118	30.0-160	
Methylene Chloride	5.00	5.98	120	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	27.3	109	56.0-143	
Methyl tert-butyl ether	5.00	6.03	121	66.0-132	
Naphthalene	5.00	3.65	73.0	59.0-130	
n-Propylbenzene	5.00	4.89	97.8	74.0-126	
Styrene	5.00	4.81	96.2	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.77	95.4	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	3.28	65.6	68.0-128	J4
Tetrachloroethene	5.00	4.58	91.6	70.0-136	
Tetrahydrofuran	5.00	6.02	120	37.0-146	
Toluene	5.00	4.63	92.6	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	5.12	102	61.0-139	
1,2,3-Trichlorobenzene	5.00	3.94	78.8	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.13	82.6	62.0-137	
1,1,2-Trichloroethane	5.00	5.02	100	78.0-123	
Trichlorofluoromethane	5.00	5.66	113	61.0-142	
1,2,3-Trichloropropane	5.00	5.22	104	67.0-129	
1,2,3-Trimethylbenzene	5.00	5.98	120	74.0-124	
1,2,4-Trimethylbenzene	5.00	4.79	95.8	70.0-126	
1,3,5-Trimethylbenzene	5.00	4.92	98.4	73.0-127	
Vinyl chloride	5.00	5.94	119	63.0-134	
Xylenes, Total	15.0	14.9	99.3	72.0-127	
Allyl chloride	25.0	29.3	117	70.0-131	
(S) Toluene-d8			*94.4*	*75.0-131*	
(S) 4-Bromofluorobenzene			*103*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*111*	*70.0-130*	

Method Blank (MB)

(MB) R3623680-2 02/21/21 10:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		0.548	1.00
Acrylonitrile	U		0.0760	0.500
Benzene	U		0.0160	0.0400
Bromobenzene	U		0.0420	0.500
Bromodichloromethane	U		0.0315	0.100
Bromoform	U		0.239	1.00
Bromomethane	U		0.148	0.500
n-Butylbenzene	U		0.153	0.500
sec-Butylbenzene	U		0.101	0.500
tert-Butylbenzene	U		0.0620	0.200
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	U		0.0229	0.100
Chlorodibromomethane	U		0.0180	0.100
Chloroethane	U		0.0432	0.200
Chloroform	U		0.0166	0.100
Chloromethane	U		0.0556	0.500
2-Chlorotoluene	U		0.0368	0.100
4-Chlorotoluene	U		0.0452	0.200
1,2-Dibromo-3-Chloropropane	U		0.204	1.00
1,2-Dibromoethane	U		0.0210	0.100
Dibromomethane	U		0.0400	0.200
1,2-Dichlorobenzene	U		0.0580	0.200
1,3-Dichlorobenzene	U		0.0680	0.200
1,4-Dichlorobenzene	U		0.0788	0.200
trans-1,4-Dichloro-2-butene	U		0.0560	0.200
Dichlorodifluoromethane	U		0.0327	0.100
1,1-Dichloroethane	U		0.0230	0.100
1,2-Dichloroethane	U		0.0190	0.100
1,1-Dichloroethene	U		0.0200	0.100
cis-1,2-Dichloroethene	U		0.0276	0.100
1,2-Dichloropropane	U		0.0508	0.200
1,1-Dichloropropene	U		0.0280	0.100
1,3-Dichloropropane	U		0.0700	0.200
cis-1,3-Dichloropropene	U		0.0271	0.100
trans-1,3-Dichloropropene	U		0.0612	0.200
2,2-Dichloropropane	U		0.0317	0.100
Di-isopropyl ether	U		0.0140	0.0400
Ethylbenzene	U		0.0212	0.100
Ethyl ether	U		0.0170	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00

Method Blank (MB)

(MB) R3623680-2 02/21/21 10:03

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Iodomethane	U		0.242	0.500
Isopropylbenzene	U		0.0345	0.100
p-Isopropyltoluene	U		0.0932	0.200
2-Butanone (MEK)	U		0.500	1.00
Methylene Chloride	U		0.265	1.00
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00
Methyl tert-butyl ether	U		0.0118	0.0400
Naphthalene	U		0.124	0.500
n-Propylbenzene	U		0.0472	0.200
Styrene	U		0.109	0.500
1,1,1,2-Tetrachloroethane	U		0.0200	0.100
1,1,2,2-Tetrachloroethane	U		0.0156	0.100
Tetrachloroethene	U		0.0280	0.100
Tetrahydrofuran	U		0.0900	0.500
Toluene	U		0.0500	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
1,2,3-Trichlorobenzene	0.0970	J	0.0250	0.500
1,2,4-Trichlorobenzene	U		0.193	0.500
1,1,2-Trichloroethane	U		0.0353	0.100
Trichloroethene	U		0.0160	0.0400
Trichlorofluoromethane	U		0.0200	0.100
1,2,3-Trichloropropane	U		0.204	0.500
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
Allyl Chloride	U		0.580	1.00
(S) Toluene-d8	*92.6*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3623680-1 02/21/21 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	40.0	160	10.0-160	
Acrylonitrile	25.0	30.0	120	45.0-153	

Laboratory Control Sample (LCS)

(LCS) R3623680-1 02/21/21 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	5.00	5.14	103	70.0-123	
Bromobenzene	5.00	4.86	97.2	73.0-121	
Bromodichloromethane	5.00	5.03	101	73.0-121	
Bromoform	5.00	4.79	95.8	64.0-132	
Bromomethane	5.00	6.20	124	56.0-147	
n-Butylbenzene	5.00	4.53	90.6	68.0-135	
sec-Butylbenzene	5.00	5.12	102	74.0-130	
tert-Butylbenzene	5.00	5.18	104	75.0-127	
Carbon tetrachloride	5.00	5.96	119	66.0-128	
Chlorobenzene	5.00	4.75	95.0	76.0-128	
Chlorodibromomethane	5.00	4.90	98.0	74.0-127	
Chloroethane	5.00	6.49	130	61.0-134	
Chloroform	5.00	5.97	119	72.0-123	
Chloromethane	5.00	6.49	130	51.0-138	
2-Chlorotoluene	5.00	5.08	102	75.0-124	
4-Chlorotoluene	5.00	4.99	99.8	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.07	81.4	59.0-130	
1,2-Dibromoethane	5.00	4.85	97.0	74.0-128	
Dibromomethane	5.00	5.24	105	75.0-122	
1,2-Dichlorobenzene	5.00	4.87	97.4	76.0-124	
1,3-Dichlorobenzene	5.00	4.63	92.6	76.0-125	
1,4-Dichlorobenzene	5.00	4.52	90.4	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	3.94	78.8	45.0-143	
Dichlorodifluoromethane	5.00	6.07	121	43.0-156	
1,1-Dichloroethane	5.00	5.85	117	70.0-127	
1,2-Dichloroethane	5.00	4.95	99.0	65.0-131	
1,1-Dichloroethene	5.00	6.49	130	65.0-131	
cis-1,2-Dichloroethene	5.00	5.90	118	73.0-125	
1,2-Dichloropropane	5.00	5.19	104	74.0-125	
1,1-Dichloropropene	5.00	5.48	110	73.0-125	
1,3-Dichloropropane	5.00	4.51	90.2	80.0-125	
cis-1,3-Dichloropropene	5.00	4.11	82.2	76.0-127	
trans-1,3-Dichloropropene	5.00	4.05	81.0	73.0-127	
2,2-Dichloropropane	5.00	2.85	57.0	59.0-135	J4
Di-isopropyl ether	5.00	5.72	114	60.0-136	
Ethylbenzene	5.00	4.80	96.0	74.0-126	
Ethyl ether	5.00	5.87	117	64.0-137	
Hexachloro-1,3-butadiene	5.00	5.19	104	57.0-150	
Iodomethane	25.0	32.4	130	74.0-134	
Isopropylbenzene	5.00	4.93	98.6	72.0-127	

Laboratory Control Sample (LCS)

(LCS) R3623680-1 02/21/21 09:25

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
p-Isopropyltoluene	5.00	4.82	96.4	72.0-133	
2-Butanone (MEK)	25.0	29.4	118	30.0-160	
Methylene Chloride	5.00	5.98	120	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	27.3	109	56.0-143	
Methyl tert-butyl ether	5.00	6.03	121	66.0-132	
Naphthalene	5.00	3.65	73.0	59.0-130	
n-Propylbenzene	5.00	4.89	97.8	74.0-126	
Styrene	5.00	4.81	96.2	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.77	95.4	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	3.28	65.6	68.0-128	J4
Tetrachloroethene	5.00	4.58	91.6	70.0-136	
Tetrahydrofuran	5.00	6.02	120	37.0-146	
Toluene	5.00	4.63	92.6	75.0-121	
1,1,2-Trichlorotrifluoroethane	5.00	5.12	102	61.0-139	
1,2,3-Trichlorobenzene	5.00	3.94	78.8	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.13	82.6	62.0-137	
1,1,2-Trichloroethane	5.00	5.02	100	78.0-123	
Trichloroethene	5.00	6.87	137	76.0-126	J4
Trichlorofluoromethane	5.00	5.66	113	61.0-142	
1,2,3-Trichloropropane	5.00	5.22	104	67.0-129	
1,2,3-Trimethylbenzene	5.00	5.98	120	74.0-124	
1,2,4-Trimethylbenzene	5.00	4.79	95.8	70.0-126	
1,3,5-Trimethylbenzene	5.00	4.92	98.4	73.0-127	
Vinyl chloride	5.00	5.94	119	63.0-134	
Xylenes, Total	15.0	14.9	99.3	72.0-127	
Allyl chloride	25.0	29.3	117	70.0-131	
(S) Toluene-d8			*94.4*	*75.0-131*	
(S) 4-Bromofluorobenzene			*103*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*111*	*70.0-130*	

Method Blank (MB)

(MB) R3624080-2 02/22/21 16:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
trans-1,2-Dichloroethene	U		0.0572	0.200
1,1,1-Trichloroethane	U		0.0110	0.100
Trichloroethene	U		0.0160	0.0400
(S) Toluene-d8	*99.7*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.5*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3624080-1 02/22/21 16:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,2-Dichloroethene	5.00	4.22	84.4	71.0-125	
1,1,1-Trichloroethane	5.00	4.29	85.8	69.0-126	
Trichloroethene	5.00	4.73	94.6	76.0-126	
(S) Toluene-d8			*97.4*	*75.0-131*	
(S) 4-Bromofluorobenzene			*94.9*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*99.4*	*70.0-130*	

Method Blank (MB)

(MB) R3624081-2 02/22/21 16:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
trans-1,2-Dichloroethene	U		0.0572	0.200
1,1,1-Trichloroethane	U		0.0110	0.100
Trichloroethene	U		0.0160	0.0400
(S) Toluene-d8	*99.7*			*75.0-131*
(S) 4-Bromofluorobenzene	*94.5*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*96.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3624081-1 02/22/21 16:13

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
trans-1,2-Dichloroethene	5.00	4.22	84.4	71.0-125	
1,1,1-Trichloroethane	5.00	4.29	85.8	69.0-126	
Trichloroethene	5.00	4.73	94.6	76.0-126	
(S) Toluene-d8			*97.4*	*75.0-131*	
(S) 4-Bromofluorobenzene			*94.9*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*99.4*	*70.0-130*	

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C4	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Data is likely to show a low bias concerning the result.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN, 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

Pace Analytical National 1313 Point Mallard Parkway SE Suite B Decatur, AL, 35601

Alabama	40160
ANSI National Accreditation Board	L2239

Pace Analytical National 660 Bercut Dr. Ste. C Sacramento, CA, 95811

California	2961	Oregon	CA300002
Minnesota	006-999-465	Washington	C926
North Dakota	R-214		

Pace Analytical National 6000 South Eastern Avenue Ste 9A Las Vegas, NV, 89119

Nevada	NV009412021-1

Pace Analytical National 1606 E. Brazos Street Suite D Victoria, TX, 77901

Texas	T104704328-20-18

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.05.601

Lab Project # PESENVSWA-ALP

Collected by (print): HRC/BLH

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALK 125mlHDPE-NoPres	FEG,MNG 250mlHDPE-HNO3	NO3,CL,SO4 by 9056 125mlHDPE-NoPres	NWTPHGX 40mlAmb HCl	RSK175LL 40mlAmb-HCl	SULFATE 125mlHDPE-NoPres	TOC 250mlHDPE-HCl	V8260ULLC 40mlAmb-HCl			Remarks	Sample # (lab only)
								2					2					
MW104-021021	Grab	GW	124	2/10/21	905	8		X			X	X	X	X				-01
MW113-021021		GW	75		920	8		X			X	X	X	X				02
MW119-021021		GW	40		1010	8		X			X	X	X	X				03
FMW-129-021021		GW	84		1220	8		X			X	X	X	X				04
MW-336-021021		GW	90		1240	3								X				05
MW126-021021		GW	90		1315	8		X			X	X	X	X				06
MW-335-021021		GW	66		1400	3								X				07
MW103-021021		GW	109		1515	8		X			X	X	X	X				08
BB-8-021121		GW	35	2/11/21	950	8		X			X	X	X	X				09
MW105-021121		GW	135	2/11/21	1015	8		X			X	X	X	X				10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # 9517 5748 8816

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
[signature]	2/11/21	1600		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.1=1.6 °C Bottles Received: 12
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/13/21 Time: 1130

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 1 of 2

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # 1317227

Table #

Acctnum: PESENVSWA

Template: T180703

Prelogin: P822447

PM: 546 - Jared Starkey

PB:

Shipped Via:

PES Environmental, Inc.- WA

1215 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:
Attn: Accounts Payable
1215 Fourth Ave., Ste. 1350
Seattle, WA 98161

Pres Chk

Report to: Brian O'Neal/Bill Haldeman

Email To: boneal@pesenv.com;bhaldeman@pesenv.com;

Project Description: American Linen

City/State Collected: Seattle, WA

Please Circle: PT MT CT ET

Phone: 206-529-3980

Client Project # 1413.001.05.601

Lab Project # PESENVSWA-ALP

Collected by (print): BLH/HRC

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
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MW-948-021121	Grab	GW	25	2/11/21	800	11		X		X	X	X	X	X		11
R-MW5-021121		GW	25		1145	11		X		X	X	X	X	X		12
MW-138-021121		GW	110		1230	8		X			X	X	X	X		13
MW112-021121		GW	80		1340	8		X			X	X	X	X		14
MW116-021121		GW	40		1440	8		X			X	X	X	X		15
EQ-021121		GW	-		1520	11		X		X	X	X	X	X		16

HC

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # 131727

Table #

Acctnum: PESENVSWA

Template: T180703

Prelogin: P822447

PM: 546 - Jared Starkey

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
[signature]	2/11/21	1600			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.1-1.6 °C Bottles Received: 12	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2/13/21 Time: 1130	Hold: Condition: NCF / OK