

PES Environmental, Inc.- WA

Sample Delivery Group: L1739256
Samples Received: 05/22/2024
Project Number: 443022-1413001.10
Description: American Linen Q2 2024

Report To: Daniel Balbiani
2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Entire Report Reviewed By:



Jared Starkey
Project Manager

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Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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

SAMPLE SUMMARY

MW108-052124 L1739256-01 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 12:48

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298126	1	05/27/24 11:31	05/27/24 11:31	GLN	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298135	50	05/30/24 21:07	05/30/24 21:07	GLN	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

MW-311-052124 L1739256-02 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 13:10

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298126	1	05/27/24 11:50	05/27/24 11:50	GLN	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298135	1	05/30/24 16:42	05/30/24 16:42	GLN	Mt. Juliet, TN

MW-308-052124 L1739256-03 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 11:52

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298126	1	05/27/24 12:10	05/27/24 12:10	GLN	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298135	1	05/30/24 17:03	05/30/24 17:03	GLN	Mt. Juliet, TN

MW122-052124 L1739256-04 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 12:17

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298126	1	05/27/24 12:29	05/27/24 12:29	GLN	Mt. Juliet, TN

MW-331-052124 L1739256-05 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 10:59

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298126	1	05/27/24 12:49	05/27/24 12:49	GLN	Mt. Juliet, TN

MW-309-052124 L1739256-06 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 11:30

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298126	1	05/27/24 13:09	05/27/24 13:09	GLN	Mt. Juliet, TN

MW-156-052124 L1739256-07 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 10:16

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2298975	1	06/05/24 20:11	06/05/24 20:11	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2297310	1	06/03/24 14:39	06/03/24 14:39	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2294964	10	05/30/24 11:09	07/01/24 22:22	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2294723	1	05/30/24 14:44	05/30/24 14:44	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298126	20	05/27/24 13:28	05/27/24 13:28	GLN	Mt. Juliet, TN

SAMPLE SUMMARY

MW109-052124 L1739256-08 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 13:44

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 07:49	05/28/24 07:49	DWR	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

MW103-052124 L1739256-09 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 14:12

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	20	05/28/24 12:55	05/28/24 12:55	DWR	Mt. Juliet, TN

MW-142-052124 L1739256-10 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 09:54

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2298993	1	06/06/24 05:51	06/06/24 05:51	GEB	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2298056	1	06/06/24 16:14	06/06/24 16:14	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2294968	1	05/30/24 08:35	05/30/24 18:47	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2294723	1	05/30/24 14:50	05/30/24 14:50	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 08:08	05/28/24 08:08	DWR	Mt. Juliet, TN

MW121-052124 L1739256-11 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 10:39

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 08:27	05/28/24 08:27	DWR	Mt. Juliet, TN

MW-159-052124 L1739256-12 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 11:25

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 08:46	05/28/24 08:46	DWR	Mt. Juliet, TN

MW-158A-052124 L1739256-13 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 12:07

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 09:05	05/28/24 09:05	DWR	Mt. Juliet, TN

MW-9-052124 L1739256-14 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 12:46

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 09:24	05/28/24 09:24	DWR	Mt. Juliet, TN

MW120-052124 L1739256-15 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 13:20

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 09:44	05/28/24 09:44	DWR	Mt. Juliet, TN

SAMPLE SUMMARY

MW127-052124 L1739256-16 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 14:15

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 10:03	05/28/24 10:03	DWR	Mt. Juliet, TN

MW-986-052124 L1739256-17 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 12:00

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 10:22	05/28/24 10:22	DWR	Mt. Juliet, TN

MW-317-052124 L1739256-18 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 14:21

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 10:41	05/28/24 10:41	DWR	Mt. Juliet, TN

TB-052124 L1739256-19 GW

Collected by
Devlin Del Giudice

Collected date/time
05/21/24 00:00

Received date/time
05/22/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2293937	1	05/28/24 06:52	05/28/24 06:52	DWR	Mt. Juliet, TN

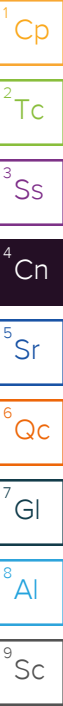


CASE NARRATIVE

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.

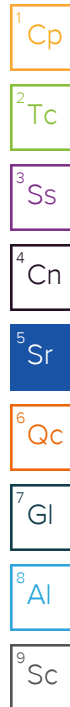


Jared Starkey
Project Manager



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	C3	0.548	1.00	1	05/27/2024 11:31	WG2298126
Acrylonitrile	U	C3	0.0760	0.500	1	05/27/2024 11:31	WG2298126
Benzene	3.24		0.0160	0.0400	1	05/27/2024 11:31	WG2298126
Bromobenzene	U		0.0420	0.500	1	05/27/2024 11:31	WG2298126
Bromochloromethane	U		0.0452	0.200	1	05/27/2024 11:31	WG2298126
Bromodichloromethane	U		0.0315	0.100	1	05/27/2024 11:31	WG2298126
Bromoform	U		0.239	1.00	1	05/27/2024 11:31	WG2298126
Bromomethane	U		0.148	0.500	1	05/27/2024 11:31	WG2298126
n-Butylbenzene	U		0.153	0.500	1	05/27/2024 11:31	WG2298126
sec-Butylbenzene	U		0.101	0.500	1	05/27/2024 11:31	WG2298126
tert-Butylbenzene	U		0.0620	0.200	1	05/27/2024 11:31	WG2298126
Carbon disulfide	U		0.162	0.500	1	05/27/2024 11:31	WG2298126
Carbon tetrachloride	U		0.0432	0.200	1	05/27/2024 11:31	WG2298126
Chlorobenzene	U		0.0229	0.100	1	05/27/2024 11:31	WG2298126
Chlorodibromomethane	U		0.0180	0.100	1	05/27/2024 11:31	WG2298126
Chloroethane	U		0.0432	0.200	1	05/27/2024 11:31	WG2298126
Chloroform	0.0600	J	0.0166	0.100	1	05/27/2024 11:31	WG2298126
Chloromethane	U		0.0556	0.500	1	05/27/2024 11:31	WG2298126
2-Chlorotoluene	U		0.0368	0.100	1	05/27/2024 11:31	WG2298126
4-Chlorotoluene	U		0.0452	0.200	1	05/27/2024 11:31	WG2298126
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/27/2024 11:31	WG2298126
1,2-Dibromoethane	U		0.0210	0.100	1	05/27/2024 11:31	WG2298126
Dibromomethane	U		0.0400	0.200	1	05/27/2024 11:31	WG2298126
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/27/2024 11:31	WG2298126
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/27/2024 11:31	WG2298126
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/27/2024 11:31	WG2298126
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/27/2024 11:31	WG2298126
Dichlorodifluoromethane	U		0.0327	0.200	1	05/27/2024 11:31	WG2298126
1,1-Dichloroethane	0.0520	J	0.0230	0.100	1	05/27/2024 11:31	WG2298126
1,2-Dichloroethane	U		0.0190	0.100	1	05/27/2024 11:31	WG2298126
1,1-Dichloroethene	1.16		0.0200	0.100	1	05/27/2024 11:31	WG2298126
cis-1,2-Dichloroethene	561		1.38	5.00	50	05/30/2024 21:07	WG2298135
trans-1,2-Dichloroethene	2.34		0.0572	0.200	1	05/27/2024 11:31	WG2298126
1,2-Dichloropropane	U		0.0508	0.200	1	05/27/2024 11:31	WG2298126
1,1-Dichloropropene	U		0.0280	0.100	1	05/27/2024 11:31	WG2298126
1,3-Dichloropropane	U		0.0700	0.200	1	05/27/2024 11:31	WG2298126
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/27/2024 11:31	WG2298126
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/27/2024 11:31	WG2298126
2,2-Dichloropropane	U		0.0317	0.100	1	05/27/2024 11:31	WG2298126
Di-isopropyl ether	0.0460		0.0140	0.0400	1	05/27/2024 11:31	WG2298126
Ethylbenzene	U		0.0212	0.100	1	05/27/2024 11:31	WG2298126
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/27/2024 11:31	WG2298126
2-Hexanone	U		0.400	1.00	1	05/27/2024 11:31	WG2298126
n-Hexane	U		0.0424	0.200	1	05/27/2024 11:31	WG2298126
Iodomethane	U		0.242	0.500	1	05/27/2024 11:31	WG2298126
Isopropylbenzene	U		0.0345	0.100	1	05/27/2024 11:31	WG2298126
p-Isopropyltoluene	U		0.0932	0.200	1	05/27/2024 11:31	WG2298126
2-Butanone (MEK)	U		0.500	1.00	1	05/27/2024 11:31	WG2298126
Methylene Chloride	U		0.265	1.00	1	05/27/2024 11:31	WG2298126
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/27/2024 11:31	WG2298126
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/27/2024 11:31	WG2298126
Naphthalene	U		0.124	0.500	1	05/27/2024 11:31	WG2298126
n-Propylbenzene	U		0.0472	0.200	1	05/27/2024 11:31	WG2298126
Styrene	U		0.109	0.500	1	05/27/2024 11:31	WG2298126
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/27/2024 11:31	WG2298126
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/27/2024 11:31	WG2298126



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/27/2024 11:31	WG2298126
Tetrachloroethene	15.5		0.0280	0.100	1	05/27/2024 11:31	WG2298126
Toluene	0.138	J	0.0500	0.200	1	05/27/2024 11:31	WG2298126
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	05/27/2024 11:31	WG2298126
1,2,4-Trichlorobenzene	U		0.193	0.500	1	05/27/2024 11:31	WG2298126
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/27/2024 11:31	WG2298126
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/27/2024 11:31	WG2298126
Trichloroethene	7.95		0.0160	0.0400	1	05/27/2024 11:31	WG2298126
Trichlorofluoromethane	U		0.0200	0.100	1	05/27/2024 11:31	WG2298126
1,2,3-Trichloropropane	U		0.204	0.500	1	05/27/2024 11:31	WG2298126
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/27/2024 11:31	WG2298126
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/27/2024 11:31	WG2298126
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/27/2024 11:31	WG2298126
Vinyl acetate	U	C3	0.141	0.500	1	05/27/2024 11:31	WG2298126
Vinyl chloride	195		1.36	5.00	50	05/30/2024 21:07	WG2298135
Xylenes, Total	U		0.191	0.260	1	05/27/2024 11:31	WG2298126
(S) Toluene-d8	102			75.0-131		05/27/2024 11:31	WG2298126
(S) Toluene-d8	108			75.0-131		05/30/2024 21:07	WG2298135
(S) 4-Bromofluorobenzene	91.9			67.0-138		05/27/2024 11:31	WG2298126
(S) 4-Bromofluorobenzene	95.1			67.0-138		05/30/2024 21:07	WG2298135
(S) 1,2-Dichloroethane-d4	97.3			70.0-130		05/27/2024 11:31	WG2298126
(S) 1,2-Dichloroethane-d4	90.2			70.0-130		05/30/2024 21:07	WG2298135

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	C3	0.548	1.00	1	05/27/2024 11:50	WG2298126
Acrylonitrile	U	C3	0.0760	0.500	1	05/27/2024 11:50	WG2298126
Benzene	U		0.0160	0.0400	1	05/27/2024 11:50	WG2298126
Bromobenzene	U		0.0420	0.500	1	05/27/2024 11:50	WG2298126
Bromochloromethane	U		0.0452	0.200	1	05/27/2024 11:50	WG2298126
Bromodichloromethane	U		0.0315	0.100	1	05/27/2024 11:50	WG2298126
Bromoform	U		0.239	1.00	1	05/27/2024 11:50	WG2298126
Bromomethane	U		0.148	0.500	1	05/27/2024 11:50	WG2298126
n-Butylbenzene	U		0.153	0.500	1	05/27/2024 11:50	WG2298126
sec-Butylbenzene	U		0.101	0.500	1	05/27/2024 11:50	WG2298126
tert-Butylbenzene	U		0.0620	0.200	1	05/27/2024 11:50	WG2298126
Carbon disulfide	U		0.162	0.500	1	05/27/2024 11:50	WG2298126
Carbon tetrachloride	U		0.0432	0.200	1	05/27/2024 11:50	WG2298126
Chlorobenzene	U		0.0229	0.100	1	05/27/2024 11:50	WG2298126
Chlorodibromomethane	U		0.0180	0.100	1	05/27/2024 11:50	WG2298126
Chloroethane	U		0.0432	0.200	1	05/27/2024 11:50	WG2298126
Chloroform	U		0.0166	0.100	1	05/27/2024 11:50	WG2298126
Chloromethane	U		0.0556	0.500	1	05/27/2024 11:50	WG2298126
2-Chlorotoluene	U		0.0368	0.100	1	05/27/2024 11:50	WG2298126
4-Chlorotoluene	U		0.0452	0.200	1	05/27/2024 11:50	WG2298126
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/27/2024 11:50	WG2298126
1,2-Dibromoethane	U		0.0210	0.100	1	05/27/2024 11:50	WG2298126
Dibromomethane	U		0.0400	0.200	1	05/27/2024 11:50	WG2298126
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/27/2024 11:50	WG2298126
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/27/2024 11:50	WG2298126
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/27/2024 11:50	WG2298126
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/27/2024 11:50	WG2298126
Dichlorodifluoromethane	U		0.0327	0.200	1	05/27/2024 11:50	WG2298126
1,1-Dichloroethane	U		0.0230	0.100	1	05/27/2024 11:50	WG2298126
1,2-Dichloroethane	U		0.0190	0.100	1	05/27/2024 11:50	WG2298126
1,1-Dichloroethene	U		0.0200	0.100	1	05/27/2024 11:50	WG2298126
cis-1,2-Dichloroethene	0.160		0.0276	0.100	1	05/30/2024 16:42	WG2298135
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/27/2024 11:50	WG2298126
1,2-Dichloropropane	U		0.0508	0.200	1	05/27/2024 11:50	WG2298126
1,1-Dichloropropene	U		0.0280	0.100	1	05/27/2024 11:50	WG2298126
1,3-Dichloropropane	U		0.0700	0.200	1	05/27/2024 11:50	WG2298126
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/27/2024 11:50	WG2298126
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/27/2024 11:50	WG2298126
2,2-Dichloropropane	U		0.0317	0.100	1	05/27/2024 11:50	WG2298126
Di-isopropyl ether	U		0.0140	0.0400	1	05/27/2024 11:50	WG2298126
Ethylbenzene	U		0.0212	0.100	1	05/27/2024 11:50	WG2298126
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/27/2024 11:50	WG2298126
2-Hexanone	U		0.400	1.00	1	05/27/2024 11:50	WG2298126
n-Hexane	U		0.0424	0.200	1	05/27/2024 11:50	WG2298126
Iodomethane	U		0.242	0.500	1	05/27/2024 11:50	WG2298126
Isopropylbenzene	U		0.0345	0.100	1	05/27/2024 11:50	WG2298126
p-Isopropyltoluene	U		0.0932	0.200	1	05/27/2024 11:50	WG2298126
2-Butanone (MEK)	U		0.500	1.00	1	05/27/2024 11:50	WG2298126
Methylene Chloride	U		0.265	1.00	1	05/27/2024 11:50	WG2298126
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/27/2024 11:50	WG2298126
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/27/2024 11:50	WG2298126
Naphthalene	U		0.124	0.500	1	05/27/2024 11:50	WG2298126
n-Propylbenzene	U		0.0472	0.200	1	05/27/2024 11:50	WG2298126
Styrene	U		0.109	0.500	1	05/27/2024 11:50	WG2298126
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/27/2024 11:50	WG2298126
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/27/2024 11:50	WG2298126

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/27/2024 11:50	WG2298126
Tetrachloroethene	U		0.0280	0.100	1	05/27/2024 11:50	WG2298126
Toluene	U		0.0500	0.200	1	05/27/2024 11:50	WG2298126
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	05/27/2024 11:50	WG2298126
1,2,4-Trichlorobenzene	U		0.193	0.500	1	05/27/2024 11:50	WG2298126
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/27/2024 11:50	WG2298126
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/27/2024 11:50	WG2298126
Trichloroethene	0.108		0.0160	0.0400	1	05/27/2024 11:50	WG2298126
Trichlorofluoromethane	U		0.0200	0.100	1	05/27/2024 11:50	WG2298126
1,2,3-Trichloropropane	U		0.204	0.500	1	05/27/2024 11:50	WG2298126
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/27/2024 11:50	WG2298126
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/27/2024 11:50	WG2298126
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/27/2024 11:50	WG2298126
Vinyl acetate	U	C3	0.141	0.500	1	05/27/2024 11:50	WG2298126
Vinyl chloride	1.28		0.0273	0.100	1	05/30/2024 16:42	WG2298135
Xylenes, Total	U		0.191	0.260	1	05/27/2024 11:50	WG2298126
(S) Toluene-d8	101			75.0-131		05/27/2024 11:50	WG2298126
(S) Toluene-d8	107			75.0-131		05/30/2024 16:42	WG2298135
(S) 4-Bromofluorobenzene	96.1			67.0-138		05/27/2024 11:50	WG2298126
(S) 4-Bromofluorobenzene	95.9			67.0-138		05/30/2024 16:42	WG2298135
(S) 1,2-Dichloroethane-d4	105			70.0-130		05/27/2024 11:50	WG2298126
(S) 1,2-Dichloroethane-d4	93.5			70.0-130		05/30/2024 16:42	WG2298135

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

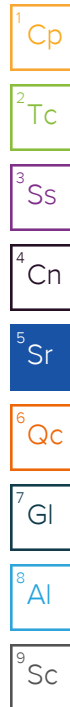
7Gl

8Al

9Sc

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	C3	0.548	1.00	1	05/27/2024 12:10	WG2298126
Acrylonitrile	U	C3	0.0760	0.500	1	05/27/2024 12:10	WG2298126
Benzene	0.116		0.0160	0.0400	1	05/27/2024 12:10	WG2298126
Bromobenzene	U		0.0420	0.500	1	05/27/2024 12:10	WG2298126
Bromochloromethane	U		0.0452	0.200	1	05/27/2024 12:10	WG2298126
Bromodichloromethane	U		0.0315	0.100	1	05/27/2024 12:10	WG2298126
Bromoform	U		0.239	1.00	1	05/27/2024 12:10	WG2298126
Bromomethane	U		0.148	0.500	1	05/27/2024 12:10	WG2298126
n-Butylbenzene	U		0.153	0.500	1	05/27/2024 12:10	WG2298126
sec-Butylbenzene	U		0.101	0.500	1	05/27/2024 12:10	WG2298126
tert-Butylbenzene	U		0.0620	0.200	1	05/27/2024 12:10	WG2298126
Carbon disulfide	U		0.162	0.500	1	05/27/2024 12:10	WG2298126
Carbon tetrachloride	U		0.0432	0.200	1	05/27/2024 12:10	WG2298126
Chlorobenzene	U		0.0229	0.100	1	05/27/2024 12:10	WG2298126
Chlorodibromomethane	U		0.0180	0.100	1	05/27/2024 12:10	WG2298126
Chloroethane	U		0.0432	0.200	1	05/27/2024 12:10	WG2298126
Chloroform	U		0.0166	0.100	1	05/27/2024 12:10	WG2298126
Chloromethane	U		0.0556	0.500	1	05/27/2024 12:10	WG2298126
2-Chlorotoluene	U		0.0368	0.100	1	05/27/2024 12:10	WG2298126
4-Chlorotoluene	U		0.0452	0.200	1	05/27/2024 12:10	WG2298126
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/27/2024 12:10	WG2298126
1,2-Dibromoethane	U		0.0210	0.100	1	05/27/2024 12:10	WG2298126
Dibromomethane	U		0.0400	0.200	1	05/27/2024 12:10	WG2298126
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/27/2024 12:10	WG2298126
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/27/2024 12:10	WG2298126
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/27/2024 12:10	WG2298126
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/27/2024 12:10	WG2298126
Dichlorodifluoromethane	U		0.0327	0.200	1	05/27/2024 12:10	WG2298126
1,1-Dichloroethane	U		0.0230	0.100	1	05/27/2024 12:10	WG2298126
1,2-Dichloroethane	U		0.0190	0.100	1	05/27/2024 12:10	WG2298126
1,1-Dichloroethene	U		0.0200	0.100	1	05/27/2024 12:10	WG2298126
cis-1,2-Dichloroethene	1.44		0.0276	0.100	1	05/27/2024 12:10	WG2298126
trans-1,2-Dichloroethene	0.0720	J	0.0572	0.200	1	05/27/2024 12:10	WG2298126
1,2-Dichloropropane	U		0.0508	0.200	1	05/27/2024 12:10	WG2298126
1,1-Dichloropropene	U		0.0280	0.100	1	05/27/2024 12:10	WG2298126
1,3-Dichloropropane	U		0.0700	0.200	1	05/27/2024 12:10	WG2298126
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/27/2024 12:10	WG2298126
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/27/2024 12:10	WG2298126
2,2-Dichloropropane	U		0.0317	0.100	1	05/27/2024 12:10	WG2298126
Di-isopropyl ether	U		0.0140	0.0400	1	05/27/2024 12:10	WG2298126
Ethylbenzene	U		0.0212	0.100	1	05/27/2024 12:10	WG2298126
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/27/2024 12:10	WG2298126
2-Hexanone	U		0.400	1.00	1	05/27/2024 12:10	WG2298126
n-Hexane	U		0.0424	0.200	1	05/27/2024 12:10	WG2298126
Iodomethane	U		0.242	0.500	1	05/27/2024 12:10	WG2298126
Isopropylbenzene	U		0.0345	0.100	1	05/27/2024 12:10	WG2298126
p-Isopropyltoluene	U		0.0932	0.200	1	05/27/2024 12:10	WG2298126
2-Butanone (MEK)	U		0.500	1.00	1	05/27/2024 12:10	WG2298126
Methylene Chloride	U		0.265	1.00	1	05/27/2024 12:10	WG2298126
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/27/2024 12:10	WG2298126
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/27/2024 12:10	WG2298126
Naphthalene	U		0.124	0.500	1	05/27/2024 12:10	WG2298126
n-Propylbenzene	U		0.0472	0.200	1	05/27/2024 12:10	WG2298126
Styrene	U		0.109	0.500	1	05/27/2024 12:10	WG2298126
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/27/2024 12:10	WG2298126
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/27/2024 12:10	WG2298126



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/27/2024 12:10	WG2298126
Tetrachloroethene	0.0280	J	0.0280	0.100	1	05/27/2024 12:10	WG2298126
Toluene	U		0.0500	0.200	1	05/27/2024 12:10	WG2298126
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	05/27/2024 12:10	WG2298126
1,2,4-Trichlorobenzene	U		0.193	0.500	1	05/27/2024 12:10	WG2298126
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/27/2024 12:10	WG2298126
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/27/2024 12:10	WG2298126
Trichloroethene	U		0.0160	0.0400	1	05/27/2024 12:10	WG2298126
Trichlorofluoromethane	U		0.0200	0.100	1	05/27/2024 12:10	WG2298126
1,2,3-Trichloropropane	U		0.204	0.500	1	05/27/2024 12:10	WG2298126
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/27/2024 12:10	WG2298126
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/27/2024 12:10	WG2298126
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/27/2024 12:10	WG2298126
Vinyl acetate	U	C3	0.141	0.500	1	05/27/2024 12:10	WG2298126
Vinyl chloride	0.166		0.0273	0.100	1	05/30/2024 17:03	WG2298135
Xylenes, Total	U		0.191	0.260	1	05/27/2024 12:10	WG2298126
(S) Toluene-d8	99.6			75.0-131		05/27/2024 12:10	WG2298126
(S) Toluene-d8	107			75.0-131		05/30/2024 17:03	WG2298135
(S) 4-Bromofluorobenzene	96.6			67.0-138		05/27/2024 12:10	WG2298126
(S) 4-Bromofluorobenzene	95.9			67.0-138		05/30/2024 17:03	WG2298135
(S) 1,2-Dichloroethane-d4	102			70.0-130		05/27/2024 12:10	WG2298126
(S) 1,2-Dichloroethane-d4	93.0			70.0-130		05/30/2024 17:03	WG2298135

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	C3	0.548	1.00	1	05/27/2024 12:29	WG2298126
Acrylonitrile	U	C3	0.0760	0.500	1	05/27/2024 12:29	WG2298126
Benzene	U		0.0160	0.0400	1	05/27/2024 12:29	WG2298126
Bromobenzene	U		0.0420	0.500	1	05/27/2024 12:29	WG2298126
Bromochloromethane	U		0.0452	0.200	1	05/27/2024 12:29	WG2298126
Bromodichloromethane	U		0.0315	0.100	1	05/27/2024 12:29	WG2298126
Bromoform	U		0.239	1.00	1	05/27/2024 12:29	WG2298126
Bromomethane	U		0.148	0.500	1	05/27/2024 12:29	WG2298126
n-Butylbenzene	U		0.153	0.500	1	05/27/2024 12:29	WG2298126
sec-Butylbenzene	U		0.101	0.500	1	05/27/2024 12:29	WG2298126
tert-Butylbenzene	U		0.0620	0.200	1	05/27/2024 12:29	WG2298126
Carbon disulfide	U		0.162	0.500	1	05/27/2024 12:29	WG2298126
Carbon tetrachloride	U		0.0432	0.200	1	05/27/2024 12:29	WG2298126
Chlorobenzene	U		0.0229	0.100	1	05/27/2024 12:29	WG2298126
Chlorodibromomethane	U		0.0180	0.100	1	05/27/2024 12:29	WG2298126
Chloroethane	U		0.0432	0.200	1	05/27/2024 12:29	WG2298126
Chloroform	U		0.0166	0.100	1	05/27/2024 12:29	WG2298126
Chloromethane	U		0.0556	0.500	1	05/27/2024 12:29	WG2298126
2-Chlorotoluene	U		0.0368	0.100	1	05/27/2024 12:29	WG2298126
4-Chlorotoluene	U		0.0452	0.200	1	05/27/2024 12:29	WG2298126
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/27/2024 12:29	WG2298126
1,2-Dibromoethane	U		0.0210	0.100	1	05/27/2024 12:29	WG2298126
Dibromomethane	U		0.0400	0.200	1	05/27/2024 12:29	WG2298126
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/27/2024 12:29	WG2298126
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/27/2024 12:29	WG2298126
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/27/2024 12:29	WG2298126
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/27/2024 12:29	WG2298126
Dichlorodifluoromethane	U		0.0327	0.200	1	05/27/2024 12:29	WG2298126
1,1-Dichloroethane	U		0.0230	0.100	1	05/27/2024 12:29	WG2298126
1,2-Dichloroethane	U		0.0190	0.100	1	05/27/2024 12:29	WG2298126
1,1-Dichloroethene	U		0.0200	0.100	1	05/27/2024 12:29	WG2298126
cis-1,2-Dichloroethene	U		0.0276	0.100	1	05/27/2024 12:29	WG2298126
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/27/2024 12:29	WG2298126
1,2-Dichloropropane	U		0.0508	0.200	1	05/27/2024 12:29	WG2298126
1,1-Dichloropropene	U		0.0280	0.100	1	05/27/2024 12:29	WG2298126
1,3-Dichloropropane	U		0.0700	0.200	1	05/27/2024 12:29	WG2298126
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/27/2024 12:29	WG2298126
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/27/2024 12:29	WG2298126
2,2-Dichloropropane	U		0.0317	0.100	1	05/27/2024 12:29	WG2298126
Di-isopropyl ether	U		0.0140	0.0400	1	05/27/2024 12:29	WG2298126
Ethylbenzene	U		0.0212	0.100	1	05/27/2024 12:29	WG2298126
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/27/2024 12:29	WG2298126
2-Hexanone	U		0.400	1.00	1	05/27/2024 12:29	WG2298126
n-Hexane	U		0.0424	0.200	1	05/27/2024 12:29	WG2298126
Iodomethane	U		0.242	0.500	1	05/27/2024 12:29	WG2298126
Isopropylbenzene	U		0.0345	0.100	1	05/27/2024 12:29	WG2298126
p-Isopropyltoluene	U		0.0932	0.200	1	05/27/2024 12:29	WG2298126
2-Butanone (MEK)	U		0.500	1.00	1	05/27/2024 12:29	WG2298126
Methylene Chloride	U		0.265	1.00	1	05/27/2024 12:29	WG2298126
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/27/2024 12:29	WG2298126
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/27/2024 12:29	WG2298126
Naphthalene	U		0.124	0.500	1	05/27/2024 12:29	WG2298126
n-Propylbenzene	U		0.0472	0.200	1	05/27/2024 12:29	WG2298126
Styrene	U		0.109	0.500	1	05/27/2024 12:29	WG2298126
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/27/2024 12:29	WG2298126
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/27/2024 12:29	WG2298126

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/27/2024 12:29	WG2298126
Tetrachloroethene	0.0580	J	0.0280	0.100	1	05/27/2024 12:29	WG2298126
Toluene	U		0.0500	0.200	1	05/27/2024 12:29	WG2298126
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	05/27/2024 12:29	WG2298126
1,2,4-Trichlorobenzene	U		0.193	0.500	1	05/27/2024 12:29	WG2298126
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/27/2024 12:29	WG2298126
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/27/2024 12:29	WG2298126
Trichloroethene	U		0.0160	0.0400	1	05/27/2024 12:29	WG2298126
Trichlorofluoromethane	U		0.0200	0.100	1	05/27/2024 12:29	WG2298126
1,2,3-Trichloropropane	U		0.204	0.500	1	05/27/2024 12:29	WG2298126
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/27/2024 12:29	WG2298126
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/27/2024 12:29	WG2298126
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/27/2024 12:29	WG2298126
Vinyl acetate	U	C3	0.141	0.500	1	05/27/2024 12:29	WG2298126
Vinyl chloride	U		0.0273	0.100	1	05/27/2024 12:29	WG2298126
Xylenes, Total	U		0.191	0.260	1	05/27/2024 12:29	WG2298126
(S) Toluene-d8	103			75.0-131		05/27/2024 12:29	WG2298126
(S) 4-Bromofluorobenzene	93.1			67.0-138		05/27/2024 12:29	WG2298126
(S) 1,2-Dichloroethane-d4	99.6			70.0-130		05/27/2024 12:29	WG2298126

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

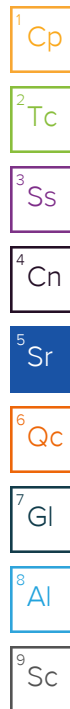
7Gl

8Al

9Sc

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	C3	0.548	1.00	1	05/27/2024 12:49	WG2298126
Acrylonitrile	U	C3	0.0760	0.500	1	05/27/2024 12:49	WG2298126
Benzene	U		0.0160	0.0400	1	05/27/2024 12:49	WG2298126
Bromobenzene	U		0.0420	0.500	1	05/27/2024 12:49	WG2298126
Bromochloromethane	U		0.0452	0.200	1	05/27/2024 12:49	WG2298126
Bromodichloromethane	U		0.0315	0.100	1	05/27/2024 12:49	WG2298126
Bromoform	U		0.239	1.00	1	05/27/2024 12:49	WG2298126
Bromomethane	U		0.148	0.500	1	05/27/2024 12:49	WG2298126
n-Butylbenzene	U		0.153	0.500	1	05/27/2024 12:49	WG2298126
sec-Butylbenzene	U		0.101	0.500	1	05/27/2024 12:49	WG2298126
tert-Butylbenzene	U		0.0620	0.200	1	05/27/2024 12:49	WG2298126
Carbon disulfide	U		0.162	0.500	1	05/27/2024 12:49	WG2298126
Carbon tetrachloride	U		0.0432	0.200	1	05/27/2024 12:49	WG2298126
Chlorobenzene	U		0.0229	0.100	1	05/27/2024 12:49	WG2298126
Chlorodibromomethane	U		0.0180	0.100	1	05/27/2024 12:49	WG2298126
Chloroethane	U		0.0432	0.200	1	05/27/2024 12:49	WG2298126
Chloroform	U		0.0166	0.100	1	05/27/2024 12:49	WG2298126
Chloromethane	U		0.0556	0.500	1	05/27/2024 12:49	WG2298126
2-Chlorotoluene	U		0.0368	0.100	1	05/27/2024 12:49	WG2298126
4-Chlorotoluene	U		0.0452	0.200	1	05/27/2024 12:49	WG2298126
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/27/2024 12:49	WG2298126
1,2-Dibromoethane	U		0.0210	0.100	1	05/27/2024 12:49	WG2298126
Dibromomethane	U		0.0400	0.200	1	05/27/2024 12:49	WG2298126
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/27/2024 12:49	WG2298126
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/27/2024 12:49	WG2298126
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/27/2024 12:49	WG2298126
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/27/2024 12:49	WG2298126
Dichlorodifluoromethane	U		0.0327	0.200	1	05/27/2024 12:49	WG2298126
1,1-Dichloroethane	0.753		0.0230	0.100	1	05/27/2024 12:49	WG2298126
1,2-Dichloroethane	U		0.0190	0.100	1	05/27/2024 12:49	WG2298126
1,1-Dichloroethene	U		0.0200	0.100	1	05/27/2024 12:49	WG2298126
cis-1,2-Dichloroethene	U		0.0276	0.100	1	05/27/2024 12:49	WG2298126
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/27/2024 12:49	WG2298126
1,2-Dichloropropane	U		0.0508	0.200	1	05/27/2024 12:49	WG2298126
1,1-Dichloropropene	U		0.0280	0.100	1	05/27/2024 12:49	WG2298126
1,3-Dichloropropane	U		0.0700	0.200	1	05/27/2024 12:49	WG2298126
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/27/2024 12:49	WG2298126
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/27/2024 12:49	WG2298126
2,2-Dichloropropane	U		0.0317	0.100	1	05/27/2024 12:49	WG2298126
Di-isopropyl ether	U		0.0140	0.0400	1	05/27/2024 12:49	WG2298126
Ethylbenzene	U		0.0212	0.100	1	05/27/2024 12:49	WG2298126
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/27/2024 12:49	WG2298126
2-Hexanone	U		0.400	1.00	1	05/27/2024 12:49	WG2298126
n-Hexane	U		0.0424	0.200	1	05/27/2024 12:49	WG2298126
Iodomethane	U		0.242	0.500	1	05/27/2024 12:49	WG2298126
Isopropylbenzene	U		0.0345	0.100	1	05/27/2024 12:49	WG2298126
p-Isopropyltoluene	U		0.0932	0.200	1	05/27/2024 12:49	WG2298126
2-Butanone (MEK)	U		0.500	1.00	1	05/27/2024 12:49	WG2298126
Methylene Chloride	U		0.265	1.00	1	05/27/2024 12:49	WG2298126
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/27/2024 12:49	WG2298126
Methyl tert-butyl ether	0.0160	J	0.0118	0.0400	1	05/27/2024 12:49	WG2298126
Naphthalene	U		0.124	0.500	1	05/27/2024 12:49	WG2298126
n-Propylbenzene	U		0.0472	0.200	1	05/27/2024 12:49	WG2298126
Styrene	U		0.109	0.500	1	05/27/2024 12:49	WG2298126
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/27/2024 12:49	WG2298126
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/27/2024 12:49	WG2298126



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/27/2024 12:49	WG2298126
Tetrachloroethene	U		0.0280	0.100	1	05/27/2024 12:49	WG2298126
Toluene	U		0.0500	0.200	1	05/27/2024 12:49	WG2298126
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	05/27/2024 12:49	WG2298126
1,2,4-Trichlorobenzene	U		0.193	0.500	1	05/27/2024 12:49	WG2298126
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/27/2024 12:49	WG2298126
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/27/2024 12:49	WG2298126
Trichloroethene	U		0.0160	0.0400	1	05/27/2024 12:49	WG2298126
Trichlorofluoromethane	U		0.0200	0.100	1	05/27/2024 12:49	WG2298126
1,2,3-Trichloropropane	U		0.204	0.500	1	05/27/2024 12:49	WG2298126
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/27/2024 12:49	WG2298126
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/27/2024 12:49	WG2298126
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/27/2024 12:49	WG2298126
Vinyl acetate	U	C3	0.141	0.500	1	05/27/2024 12:49	WG2298126
Vinyl chloride	0.347		0.0273	0.100	1	05/27/2024 12:49	WG2298126
Xylenes, Total	U		0.191	0.260	1	05/27/2024 12:49	WG2298126
(S) Toluene-d8	100			75.0-131		05/27/2024 12:49	WG2298126
(S) 4-Bromofluorobenzene	93.3			67.0-138		05/27/2024 12:49	WG2298126
(S) 1,2-Dichloroethane-d4	102			70.0-130		05/27/2024 12:49	WG2298126

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	C3	0.548	1.00	1	05/27/2024 13:09	WG2298126
Acrylonitrile	U	C3	0.0760	0.500	1	05/27/2024 13:09	WG2298126
Benzene	0.0780		0.0160	0.0400	1	05/27/2024 13:09	WG2298126
Bromobenzene	U		0.0420	0.500	1	05/27/2024 13:09	WG2298126
Bromochloromethane	U		0.0452	0.200	1	05/27/2024 13:09	WG2298126
Bromodichloromethane	U		0.0315	0.100	1	05/27/2024 13:09	WG2298126
Bromoform	U		0.239	1.00	1	05/27/2024 13:09	WG2298126
Bromomethane	U		0.148	0.500	1	05/27/2024 13:09	WG2298126
n-Butylbenzene	U		0.153	0.500	1	05/27/2024 13:09	WG2298126
sec-Butylbenzene	U		0.101	0.500	1	05/27/2024 13:09	WG2298126
tert-Butylbenzene	U		0.0620	0.200	1	05/27/2024 13:09	WG2298126
Carbon disulfide	U		0.162	0.500	1	05/27/2024 13:09	WG2298126
Carbon tetrachloride	U		0.0432	0.200	1	05/27/2024 13:09	WG2298126
Chlorobenzene	U		0.0229	0.100	1	05/27/2024 13:09	WG2298126
Chlorodibromomethane	U		0.0180	0.100	1	05/27/2024 13:09	WG2298126
Chloroethane	U		0.0432	0.200	1	05/27/2024 13:09	WG2298126
Chloroform	U		0.0166	0.100	1	05/27/2024 13:09	WG2298126
Chloromethane	U		0.0556	0.500	1	05/27/2024 13:09	WG2298126
2-Chlorotoluene	U		0.0368	0.100	1	05/27/2024 13:09	WG2298126
4-Chlorotoluene	U		0.0452	0.200	1	05/27/2024 13:09	WG2298126
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/27/2024 13:09	WG2298126
1,2-Dibromoethane	U		0.0210	0.100	1	05/27/2024 13:09	WG2298126
Dibromomethane	U		0.0400	0.200	1	05/27/2024 13:09	WG2298126
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/27/2024 13:09	WG2298126
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/27/2024 13:09	WG2298126
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/27/2024 13:09	WG2298126
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/27/2024 13:09	WG2298126
Dichlorodifluoromethane	U		0.0327	0.200	1	05/27/2024 13:09	WG2298126
1,1-Dichloroethane	U		0.0230	0.100	1	05/27/2024 13:09	WG2298126
1,2-Dichloroethane	U		0.0190	0.100	1	05/27/2024 13:09	WG2298126
1,1-Dichloroethene	U		0.0200	0.100	1	05/27/2024 13:09	WG2298126
cis-1,2-Dichloroethene	U		0.0276	0.100	1	05/27/2024 13:09	WG2298126
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/27/2024 13:09	WG2298126
1,2-Dichloropropane	U		0.0508	0.200	1	05/27/2024 13:09	WG2298126
1,1-Dichloropropene	U		0.0280	0.100	1	05/27/2024 13:09	WG2298126
1,3-Dichloropropane	U		0.0700	0.200	1	05/27/2024 13:09	WG2298126
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/27/2024 13:09	WG2298126
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/27/2024 13:09	WG2298126
2,2-Dichloropropane	U		0.0317	0.100	1	05/27/2024 13:09	WG2298126
Di-isopropyl ether	U		0.0140	0.0400	1	05/27/2024 13:09	WG2298126
Ethylbenzene	U		0.0212	0.100	1	05/27/2024 13:09	WG2298126
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/27/2024 13:09	WG2298126
2-Hexanone	U		0.400	1.00	1	05/27/2024 13:09	WG2298126
n-Hexane	U		0.0424	0.200	1	05/27/2024 13:09	WG2298126
Iodomethane	U		0.242	0.500	1	05/27/2024 13:09	WG2298126
Isopropylbenzene	U		0.0345	0.100	1	05/27/2024 13:09	WG2298126
p-Isopropyltoluene	U		0.0932	0.200	1	05/27/2024 13:09	WG2298126
2-Butanone (MEK)	U		0.500	1.00	1	05/27/2024 13:09	WG2298126
Methylene Chloride	U		0.265	1.00	1	05/27/2024 13:09	WG2298126
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/27/2024 13:09	WG2298126
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/27/2024 13:09	WG2298126
Naphthalene	U		0.124	0.500	1	05/27/2024 13:09	WG2298126
n-Propylbenzene	U		0.0472	0.200	1	05/27/2024 13:09	WG2298126
Styrene	U		0.109	0.500	1	05/27/2024 13:09	WG2298126
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/27/2024 13:09	WG2298126
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/27/2024 13:09	WG2298126

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/27/2024 13:09	WG2298126
Tetrachloroethene	U		0.0280	0.100	1	05/27/2024 13:09	WG2298126
Toluene	U		0.0500	0.200	1	05/27/2024 13:09	WG2298126
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	05/27/2024 13:09	WG2298126
1,2,4-Trichlorobenzene	U		0.193	0.500	1	05/27/2024 13:09	WG2298126
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/27/2024 13:09	WG2298126
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/27/2024 13:09	WG2298126
Trichloroethene	U		0.0160	0.0400	1	05/27/2024 13:09	WG2298126
Trichlorofluoromethane	U		0.0200	0.100	1	05/27/2024 13:09	WG2298126
1,2,3-Trichloropropane	U		0.204	0.500	1	05/27/2024 13:09	WG2298126
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/27/2024 13:09	WG2298126
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/27/2024 13:09	WG2298126
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/27/2024 13:09	WG2298126
Vinyl acetate	U	C3	0.141	0.500	1	05/27/2024 13:09	WG2298126
Vinyl chloride	0.651		0.0273	0.100	1	05/27/2024 13:09	WG2298126
Xylenes, Total	U		0.191	0.260	1	05/27/2024 13:09	WG2298126
(S) Toluene-d8	98.7			75.0-131		05/27/2024 13:09	WG2298126
(S) 4-Bromofluorobenzene	97.7			67.0-138		05/27/2024 13:09	WG2298126
(S) 1,2-Dichloroethane-d4	102			70.0-130		05/27/2024 13:09	WG2298126

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Sulfate	22800		594	5000	1	06/05/2024 20:11	WG2298975

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9060A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	7280		102	1000	1	06/03/2024 14:39	WG2297310

Metals (ICPMS) by Method 6020B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Iron	4820		281	1000	10	07/01/2024 22:22	WG2294964
Manganese	3910		7.04	50.0	10	07/01/2024 22:22	WG2294964

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Methane	2920		0.287	0.678	1	05/30/2024 14:44	WG2294723
Ethane	33.6		0.296	1.29	1	05/30/2024 14:44	WG2294723
Ethene	1.14	J	0.422	1.27	1	05/30/2024 14:44	WG2294723

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

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Acetone	11.3	C3 J	11.0	20.0	20	05/27/2024 13:28	WG2298126
Acrylonitrile	U	C3	1.52	10.0	20	05/27/2024 13:28	WG2298126
Benzene	U		0.320	0.800	20	05/27/2024 13:28	WG2298126
Bromobenzene	U		0.840	10.0	20	05/27/2024 13:28	WG2298126
Bromochloromethane	U		0.904	4.00	20	05/27/2024 13:28	WG2298126
Bromodichloromethane	U		0.630	2.00	20	05/27/2024 13:28	WG2298126
Bromoform	U		4.78	20.0	20	05/27/2024 13:28	WG2298126
Bromomethane	U		2.96	10.0	20	05/27/2024 13:28	WG2298126
n-Butylbenzene	U		3.06	10.0	20	05/27/2024 13:28	WG2298126
sec-Butylbenzene	U		2.02	10.0	20	05/27/2024 13:28	WG2298126
tert-Butylbenzene	U		1.24	4.00	20	05/27/2024 13:28	WG2298126
Carbon disulfide	U		3.24	10.0	20	05/27/2024 13:28	WG2298126
Carbon tetrachloride	U		0.864	4.00	20	05/27/2024 13:28	WG2298126
Chlorobenzene	U		0.458	2.00	20	05/27/2024 13:28	WG2298126
Chlorodibromomethane	U		0.360	2.00	20	05/27/2024 13:28	WG2298126
Chloroethane	U		0.864	4.00	20	05/27/2024 13:28	WG2298126
Chloroform	U		0.332	2.00	20	05/27/2024 13:28	WG2298126
Chloromethane	U		1.11	10.0	20	05/27/2024 13:28	WG2298126
2-Chlorotoluene	U		0.736	2.00	20	05/27/2024 13:28	WG2298126
4-Chlorotoluene	U		0.904	4.00	20	05/27/2024 13:28	WG2298126
1,2-Dibromo-3-Chloropropane	U		4.08	20.0	20	05/27/2024 13:28	WG2298126
1,2-Dibromoethane	U		0.420	2.00	20	05/27/2024 13:28	WG2298126
Dibromomethane	U		0.800	4.00	20	05/27/2024 13:28	WG2298126
1,2-Dichlorobenzene	U		1.16	4.00	20	05/27/2024 13:28	WG2298126
1,3-Dichlorobenzene	U		1.36	4.00	20	05/27/2024 13:28	WG2298126
1,4-Dichlorobenzene	U		1.58	4.00	20	05/27/2024 13:28	WG2298126
trans-1,4-Dichloro-2-butene	U		1.12	4.00	20	05/27/2024 13:28	WG2298126
Dichlorodifluoromethane	U		0.654	4.00	20	05/27/2024 13:28	WG2298126
1,1-Dichloroethane	U		0.460	2.00	20	05/27/2024 13:28	WG2298126
1,2-Dichloroethane	U		0.380	2.00	20	05/27/2024 13:28	WG2298126
1,1-Dichloroethene	0.800	J	0.400	2.00	20	05/27/2024 13:28	WG2298126

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
cis-1,2-Dichloroethene	327		0.552	2.00	20	05/27/2024 13:28	WG2298126
trans-1,2-Dichloroethene	2.18	U	1.14	4.00	20	05/27/2024 13:28	WG2298126
1,2-Dichloropropane	U		1.02	4.00	20	05/27/2024 13:28	WG2298126
1,1-Dichloropropene	U		0.560	2.00	20	05/27/2024 13:28	WG2298126
1,3-Dichloropropane	U		1.40	4.00	20	05/27/2024 13:28	WG2298126
cis-1,3-Dichloropropene	U		0.542	2.00	20	05/27/2024 13:28	WG2298126
trans-1,3-Dichloropropene	U		1.22	4.00	20	05/27/2024 13:28	WG2298126
2,2-Dichloropropane	U		0.634	2.00	20	05/27/2024 13:28	WG2298126
Di-isopropyl ether	U		0.280	0.800	20	05/27/2024 13:28	WG2298126
Ethylbenzene	U		0.424	2.00	20	05/27/2024 13:28	WG2298126
Hexachloro-1,3-butadiene	U		10.2	20.0	20	05/27/2024 13:28	WG2298126
2-Hexanone	U		8.00	20.0	20	05/27/2024 13:28	WG2298126
n-Hexane	U		0.848	4.00	20	05/27/2024 13:28	WG2298126
Iodomethane	U		4.84	10.0	20	05/27/2024 13:28	WG2298126
Isopropylbenzene	U		0.690	2.00	20	05/27/2024 13:28	WG2298126
p-Isopropyltoluene	U		1.86	4.00	20	05/27/2024 13:28	WG2298126
2-Butanone (MEK)	U		10.0	20.0	20	05/27/2024 13:28	WG2298126
Methylene Chloride	U		5.30	20.0	20	05/27/2024 13:28	WG2298126
4-Methyl-2-pentanone (MIBK)	U		8.00	20.0	20	05/27/2024 13:28	WG2298126
Methyl tert-butyl ether	U		0.236	0.800	20	05/27/2024 13:28	WG2298126
Naphthalene	U		2.48	10.0	20	05/27/2024 13:28	WG2298126
n-Propylbenzene	U		0.944	4.00	20	05/27/2024 13:28	WG2298126
Styrene	U		2.18	10.0	20	05/27/2024 13:28	WG2298126
1,1,1,2-Tetrachloroethane	U		0.400	2.00	20	05/27/2024 13:28	WG2298126
1,1,2,2-Tetrachloroethane	U		0.312	2.00	20	05/27/2024 13:28	WG2298126
1,1,2-Trichlorotrifluoroethane	U		0.540	2.00	20	05/27/2024 13:28	WG2298126
Tetrachloroethene	180		0.560	2.00	20	05/27/2024 13:28	WG2298126
Toluene	U		1.00	4.00	20	05/27/2024 13:28	WG2298126
1,2,3-Trichlorobenzene	U		0.500	10.0	20	05/27/2024 13:28	WG2298126
1,2,4-Trichlorobenzene	U		3.86	10.0	20	05/27/2024 13:28	WG2298126
1,1,1-Trichloroethane	U		0.220	2.00	20	05/27/2024 13:28	WG2298126
1,1,2-Trichloroethane	U		0.706	2.00	20	05/27/2024 13:28	WG2298126
Trichloroethene	85.7		0.320	0.800	20	05/27/2024 13:28	WG2298126
Trichlorofluoromethane	U		0.400	2.00	20	05/27/2024 13:28	WG2298126
1,2,3-Trichloropropane	U		4.08	10.0	20	05/27/2024 13:28	WG2298126
1,2,4-Trimethylbenzene	U		0.928	4.00	20	05/27/2024 13:28	WG2298126
1,2,3-Trimethylbenzene	U		0.920	4.00	20	05/27/2024 13:28	WG2298126
1,3,5-Trimethylbenzene	U		0.864	4.00	20	05/27/2024 13:28	WG2298126
Vinyl acetate	U	C3	2.82	10.0	20	05/27/2024 13:28	WG2298126
Vinyl chloride	6.70		0.546	2.00	20	05/27/2024 13:28	WG2298126
Xylenes, Total	U		3.82	5.20	20	05/27/2024 13:28	WG2298126
(S) Toluene-d8	99.6			75.0-131		05/27/2024 13:28	WG2298126
(S) 4-Bromofluorobenzene	95.4			67.0-138		05/27/2024 13:28	WG2298126
(S) 1,2-Dichloroethane-d4	102			70.0-130		05/27/2024 13:28	WG2298126

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	1.38	C5 J4	0.548	1.00	1	05/28/2024 07:49	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 07:49	WG2293937
Benzene	0.0290	J	0.0160	0.0400	1	05/28/2024 07:49	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 07:49	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 07:49	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 07:49	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 07:49	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 07:49	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 07:49	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 07:49	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 07:49	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 07:49	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 07:49	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 07:49	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 07:49	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 07:49	WG2293937
Chloroform	U		0.0166	0.100	1	05/28/2024 07:49	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 07:49	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 07:49	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 07:49	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 07:49	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 07:49	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 07:49	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 07:49	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 07:49	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 07:49	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 07:49	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 07:49	WG2293937
1,1-Dichloroethane	U		0.0230	0.100	1	05/28/2024 07:49	WG2293937
1,2-Dichloroethane	U		0.0190	0.100	1	05/28/2024 07:49	WG2293937
1,1-Dichloroethene	U		0.0200	0.100	1	05/28/2024 07:49	WG2293937
cis-1,2-Dichloroethene	0.604		0.0276	0.100	1	05/28/2024 07:49	WG2293937
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/28/2024 07:49	WG2293937
1,2-Dichloropropane	U		0.0508	0.200	1	05/28/2024 07:49	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 07:49	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 07:49	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 07:49	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 07:49	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 07:49	WG2293937
Di-isopropyl ether	U		0.0140	0.0400	1	05/28/2024 07:49	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 07:49	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 07:49	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 07:49	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 07:49	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 07:49	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 07:49	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 07:49	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 07:49	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 07:49	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 07:49	WG2293937
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/28/2024 07:49	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 07:49	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 07:49	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 07:49	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 07:49	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 07:49	WG2293937

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/28/2024 07:49	WG2293937
Tetrachloroethene	U		0.0280	0.100	1	05/28/2024 07:49	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 07:49	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 07:49	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 07:49	WG2293937
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/28/2024 07:49	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 07:49	WG2293937
Trichloroethene	U		0.0160	0.0400	1	05/28/2024 07:49	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 07:49	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 07:49	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 07:49	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 07:49	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 07:49	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 07:49	WG2293937
Vinyl chloride	1.84		0.0273	0.100	1	05/28/2024 07:49	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 07:49	WG2293937
(S) Toluene-d8	98.6			75.0-131		05/28/2024 07:49	WG2293937
(S) 4-Bromofluorobenzene	105			67.0-138		05/28/2024 07:49	WG2293937
(S) 1,2-Dichloroethane-d4	101			70.0-130		05/28/2024 07:49	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	24.3	C5 J4	11.0	20.0	20	05/28/2024 12:55	WG2293937
Acrylonitrile	U	J3	1.52	10.0	20	05/28/2024 12:55	WG2293937
Benzene	U		0.320	0.800	20	05/28/2024 12:55	WG2293937
Bromobenzene	U		0.840	10.0	20	05/28/2024 12:55	WG2293937
Bromochloromethane	U		0.904	4.00	20	05/28/2024 12:55	WG2293937
Bromodichloromethane	U		0.630	2.00	20	05/28/2024 12:55	WG2293937
Bromoform	U		4.78	20.0	20	05/28/2024 12:55	WG2293937
Bromomethane	U		2.96	10.0	20	05/28/2024 12:55	WG2293937
n-Butylbenzene	U		3.06	10.0	20	05/28/2024 12:55	WG2293937
sec-Butylbenzene	U		2.02	10.0	20	05/28/2024 12:55	WG2293937
tert-Butylbenzene	U		1.24	4.00	20	05/28/2024 12:55	WG2293937
Carbon disulfide	U		3.24	10.0	20	05/28/2024 12:55	WG2293937
Carbon tetrachloride	U		0.864	4.00	20	05/28/2024 12:55	WG2293937
Chlorobenzene	U		0.458	2.00	20	05/28/2024 12:55	WG2293937
Chlorodibromomethane	U		0.360	2.00	20	05/28/2024 12:55	WG2293937
Chloroethane	U		0.864	4.00	20	05/28/2024 12:55	WG2293937
Chloroform	U		0.332	2.00	20	05/28/2024 12:55	WG2293937
Chloromethane	U		1.11	10.0	20	05/28/2024 12:55	WG2293937
2-Chlorotoluene	U		0.736	2.00	20	05/28/2024 12:55	WG2293937
4-Chlorotoluene	U		0.904	4.00	20	05/28/2024 12:55	WG2293937
1,2-Dibromo-3-Chloropropane	U		4.08	20.0	20	05/28/2024 12:55	WG2293937
1,2-Dibromoethane	U		0.420	2.00	20	05/28/2024 12:55	WG2293937
Dibromomethane	U		0.800	4.00	20	05/28/2024 12:55	WG2293937
1,2-Dichlorobenzene	U		1.16	4.00	20	05/28/2024 12:55	WG2293937
1,3-Dichlorobenzene	U		1.36	4.00	20	05/28/2024 12:55	WG2293937
1,4-Dichlorobenzene	U		1.58	4.00	20	05/28/2024 12:55	WG2293937
trans-1,4-Dichloro-2-butene	U		1.12	4.00	20	05/28/2024 12:55	WG2293937
Dichlorodifluoromethane	U		0.654	4.00	20	05/28/2024 12:55	WG2293937
1,1-Dichloroethane	U		0.460	2.00	20	05/28/2024 12:55	WG2293937
1,2-Dichloroethane	U		0.380	2.00	20	05/28/2024 12:55	WG2293937
1,1-Dichloroethene	3.06		0.400	2.00	20	05/28/2024 12:55	WG2293937
cis-1,2-Dichloroethene	480		0.552	2.00	20	05/28/2024 12:55	WG2293937
trans-1,2-Dichloroethene	6.18		1.14	4.00	20	05/28/2024 12:55	WG2293937
1,2-Dichloropropane	U		1.02	4.00	20	05/28/2024 12:55	WG2293937
1,1-Dichloropropene	U		0.560	2.00	20	05/28/2024 12:55	WG2293937
1,3-Dichloropropane	U		1.40	4.00	20	05/28/2024 12:55	WG2293937
cis-1,3-Dichloropropene	U		0.542	2.00	20	05/28/2024 12:55	WG2293937
trans-1,3-Dichloropropene	U		1.22	4.00	20	05/28/2024 12:55	WG2293937
2,2-Dichloropropane	U		0.634	2.00	20	05/28/2024 12:55	WG2293937
Di-isopropyl ether	U		0.280	0.800	20	05/28/2024 12:55	WG2293937
Ethylbenzene	U		0.424	2.00	20	05/28/2024 12:55	WG2293937
Hexachloro-1,3-butadiene	U		10.2	20.0	20	05/28/2024 12:55	WG2293937
2-Hexanone	U		8.00	20.0	20	05/28/2024 12:55	WG2293937
n-Hexane	U		0.848	4.00	20	05/28/2024 12:55	WG2293937
Iodomethane	U		4.84	10.0	20	05/28/2024 12:55	WG2293937
Isopropylbenzene	U		0.690	2.00	20	05/28/2024 12:55	WG2293937
p-Isopropyltoluene	U		1.86	4.00	20	05/28/2024 12:55	WG2293937
2-Butanone (MEK)	U	J3	10.0	20.0	20	05/28/2024 12:55	WG2293937
Methylene Chloride	U		5.30	20.0	20	05/28/2024 12:55	WG2293937
4-Methyl-2-pentanone (MIBK)	U		8.00	20.0	20	05/28/2024 12:55	WG2293937
Methyl tert-butyl ether	U		0.236	0.800	20	05/28/2024 12:55	WG2293937
Naphthalene	U	C3 J3	2.48	10.0	20	05/28/2024 12:55	WG2293937
n-Propylbenzene	U		0.944	4.00	20	05/28/2024 12:55	WG2293937
Styrene	U		2.18	10.0	20	05/28/2024 12:55	WG2293937
1,1,1,2-Tetrachloroethane	U		0.400	2.00	20	05/28/2024 12:55	WG2293937
1,1,2,2-Tetrachloroethane	U		0.312	2.00	20	05/28/2024 12:55	WG2293937

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.540	2.00	20	05/28/2024 12:55	WG2293937
Tetrachloroethene	U		0.560	2.00	20	05/28/2024 12:55	WG2293937
Toluene	U		1.00	4.00	20	05/28/2024 12:55	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.500	10.0	20	05/28/2024 12:55	WG2293937
1,2,4-Trichlorobenzene	U	C3	3.86	10.0	20	05/28/2024 12:55	WG2293937
1,1,1-Trichloroethane	U		0.220	2.00	20	05/28/2024 12:55	WG2293937
1,1,2-Trichloroethane	U		0.706	2.00	20	05/28/2024 12:55	WG2293937
Trichloroethene	2.92		0.320	0.800	20	05/28/2024 12:55	WG2293937
Trichlorofluoromethane	U		0.400	2.00	20	05/28/2024 12:55	WG2293937
1,2,3-Trichloropropane	U		4.08	10.0	20	05/28/2024 12:55	WG2293937
1,2,4-Trimethylbenzene	U		0.928	4.00	20	05/28/2024 12:55	WG2293937
1,2,3-Trimethylbenzene	U		0.920	4.00	20	05/28/2024 12:55	WG2293937
1,3,5-Trimethylbenzene	U		0.864	4.00	20	05/28/2024 12:55	WG2293937
Vinyl acetate	U	C3	2.82	10.0	20	05/28/2024 12:55	WG2293937
Vinyl chloride	93.4		0.546	2.00	20	05/28/2024 12:55	WG2293937
Xylenes, Total	U		3.82	5.20	20	05/28/2024 12:55	WG2293937
(S) Toluene-d8	98.8			75.0-131		05/28/2024 12:55	WG2293937
(S) 4-Bromofluorobenzene	104			67.0-138		05/28/2024 12:55	WG2293937
(S) 1,2-Dichloroethane-d4	102			70.0-130		05/28/2024 12:55	WG2293937

Sample Narrative:

L1739256-09 WG2293937: Target compounds too high to run at a lower dilution.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	1310	J	594	5000	1	06/06/2024 05:51	WG2298993

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	828	J	102	1000	1	06/06/2024 16:14	WG2298056

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	1650		28.1	100	1	05/30/2024 18:47	WG2294968
Manganese	145		0.704	5.00	1	05/30/2024 18:47	WG2294968

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	40.7		0.287	0.678	1	05/30/2024 14:50	WG2294723
Ethane	U		0.296	1.29	1	05/30/2024 14:50	WG2294723
Ethene	U		0.422	1.27	1	05/30/2024 14:50	WG2294723

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.548	1.00	1	05/28/2024 08:08	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 08:08	WG2293937
Benzene	U		0.0160	0.0400	1	05/28/2024 08:08	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 08:08	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 08:08	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 08:08	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 08:08	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 08:08	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 08:08	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 08:08	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 08:08	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 08:08	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 08:08	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 08:08	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 08:08	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 08:08	WG2293937
Chloroform	U		0.0166	0.100	1	05/28/2024 08:08	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 08:08	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 08:08	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 08:08	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 08:08	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 08:08	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 08:08	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 08:08	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 08:08	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 08:08	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 08:08	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 08:08	WG2293937
1,1-Dichloroethane	U		0.0230	0.100	1	05/28/2024 08:08	WG2293937
1,2-Dichloroethane	U		0.0190	0.100	1	05/28/2024 08:08	WG2293937
1,1-Dichloroethene	U		0.0200	0.100	1	05/28/2024 08:08	WG2293937

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	2.05		0.0276	0.100	1	05/28/2024 08:08	WG2293937
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/28/2024 08:08	WG2293937
1,2-Dichloropropane	U		0.0508	0.200	1	05/28/2024 08:08	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 08:08	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 08:08	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 08:08	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 08:08	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 08:08	WG2293937
Di-isopropyl ether	U		0.0140	0.0400	1	05/28/2024 08:08	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 08:08	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 08:08	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 08:08	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 08:08	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 08:08	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 08:08	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 08:08	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 08:08	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 08:08	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 08:08	WG2293937
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/28/2024 08:08	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 08:08	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 08:08	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 08:08	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 08:08	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 08:08	WG2293937
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/28/2024 08:08	WG2293937
Tetrachloroethene	0.216		0.0280	0.100	1	05/28/2024 08:08	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 08:08	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 08:08	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 08:08	WG2293937
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/28/2024 08:08	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 08:08	WG2293937
Trichloroethene	U		0.0160	0.0400	1	05/28/2024 08:08	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 08:08	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 08:08	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 08:08	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 08:08	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 08:08	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 08:08	WG2293937
Vinyl chloride	U		0.0273	0.100	1	05/28/2024 08:08	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 08:08	WG2293937
(S) Toluene-d8	99.0			75.0-131		05/28/2024 08:08	WG2293937
(S) 4-Bromofluorobenzene	106			67.0-138		05/28/2024 08:08	WG2293937
(S) 1,2-Dichloroethane-d4	103			70.0-130		05/28/2024 08:08	WG2293937

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

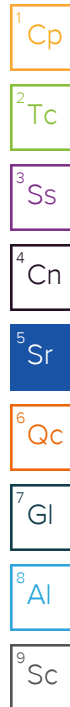
7 Gl

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	1.67	C5 J4	0.548	1.00	1	05/28/2024 08:27	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 08:27	WG2293937
Benzene	U		0.0160	0.0400	1	05/28/2024 08:27	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 08:27	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 08:27	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 08:27	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 08:27	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 08:27	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 08:27	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 08:27	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 08:27	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 08:27	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 08:27	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 08:27	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 08:27	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 08:27	WG2293937
Chloroform	U		0.0166	0.100	1	05/28/2024 08:27	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 08:27	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 08:27	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 08:27	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 08:27	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 08:27	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 08:27	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 08:27	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 08:27	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 08:27	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 08:27	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 08:27	WG2293937
1,1-Dichloroethane	U		0.0230	0.100	1	05/28/2024 08:27	WG2293937
1,2-Dichloroethane	U		0.0190	0.100	1	05/28/2024 08:27	WG2293937
1,1-Dichloroethene	U		0.0200	0.100	1	05/28/2024 08:27	WG2293937
cis-1,2-Dichloroethene	U		0.0276	0.100	1	05/28/2024 08:27	WG2293937
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/28/2024 08:27	WG2293937
1,2-Dichloropropane	U		0.0508	0.200	1	05/28/2024 08:27	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 08:27	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 08:27	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 08:27	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 08:27	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 08:27	WG2293937
Di-isopropyl ether	U		0.0140	0.0400	1	05/28/2024 08:27	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 08:27	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 08:27	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 08:27	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 08:27	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 08:27	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 08:27	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 08:27	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 08:27	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 08:27	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 08:27	WG2293937
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/28/2024 08:27	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 08:27	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 08:27	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 08:27	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 08:27	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 08:27	WG2293937



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/28/2024 08:27	WG2293937
Tetrachloroethene	U		0.0280	0.100	1	05/28/2024 08:27	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 08:27	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 08:27	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 08:27	WG2293937
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/28/2024 08:27	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 08:27	WG2293937
Trichloroethene	U		0.0160	0.0400	1	05/28/2024 08:27	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 08:27	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 08:27	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 08:27	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 08:27	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 08:27	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 08:27	WG2293937
Vinyl chloride	U		0.0273	0.100	1	05/28/2024 08:27	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 08:27	WG2293937
(S) Toluene-d8	102			75.0-131		05/28/2024 08:27	WG2293937
(S) 4-Bromofluorobenzene	104			67.0-138		05/28/2024 08:27	WG2293937
(S) 1,2-Dichloroethane-d4	99.2			70.0-130		05/28/2024 08:27	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

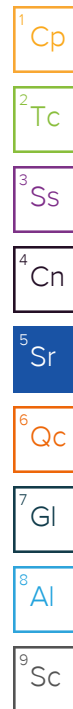
7Gl

8Al

9Sc

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	1.86	C5 J4	0.548	1.00	1	05/28/2024 08:46	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 08:46	WG2293937
Benzene	0.0340	J	0.0160	0.0400	1	05/28/2024 08:46	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 08:46	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 08:46	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 08:46	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 08:46	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 08:46	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 08:46	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 08:46	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 08:46	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 08:46	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 08:46	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 08:46	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 08:46	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 08:46	WG2293937
Chloroform	U		0.0166	0.100	1	05/28/2024 08:46	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 08:46	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 08:46	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 08:46	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 08:46	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 08:46	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 08:46	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 08:46	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 08:46	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 08:46	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 08:46	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 08:46	WG2293937
1,1-Dichloroethane	U		0.0230	0.100	1	05/28/2024 08:46	WG2293937
1,2-Dichloroethane	U		0.0190	0.100	1	05/28/2024 08:46	WG2293937
1,1-Dichloroethene	U		0.0200	0.100	1	05/28/2024 08:46	WG2293937
cis-1,2-Dichloroethene	0.281		0.0276	0.100	1	05/28/2024 08:46	WG2293937
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/28/2024 08:46	WG2293937
1,2-Dichloropropane	U		0.0508	0.200	1	05/28/2024 08:46	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 08:46	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 08:46	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 08:46	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 08:46	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 08:46	WG2293937
Di-isopropyl ether	U		0.0140	0.0400	1	05/28/2024 08:46	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 08:46	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 08:46	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 08:46	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 08:46	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 08:46	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 08:46	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 08:46	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 08:46	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 08:46	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 08:46	WG2293937
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/28/2024 08:46	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 08:46	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 08:46	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 08:46	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 08:46	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 08:46	WG2293937



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/28/2024 08:46	WG2293937
Tetrachloroethene	U		0.0280	0.100	1	05/28/2024 08:46	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 08:46	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 08:46	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 08:46	WG2293937
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/28/2024 08:46	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 08:46	WG2293937
Trichloroethene	U		0.0160	0.0400	1	05/28/2024 08:46	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 08:46	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 08:46	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 08:46	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 08:46	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 08:46	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 08:46	WG2293937
Vinyl chloride	0.477		0.0273	0.100	1	05/28/2024 08:46	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 08:46	WG2293937
(S) Toluene-d8	99.7			75.0-131		05/28/2024 08:46	WG2293937
(S) 4-Bromofluorobenzene	103			67.0-138		05/28/2024 08:46	WG2293937
(S) 1,2-Dichloroethane-d4	105			70.0-130		05/28/2024 08:46	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

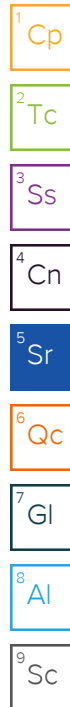
7Gl

8Al

9Sc

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	J4	0.548	1.00	1	05/28/2024 09:05	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 09:05	WG2293937
Benzene	U		0.0160	0.0400	1	05/28/2024 09:05	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 09:05	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 09:05	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 09:05	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 09:05	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 09:05	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 09:05	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 09:05	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 09:05	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 09:05	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 09:05	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 09:05	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 09:05	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 09:05	WG2293937
Chloroform	U		0.0166	0.100	1	05/28/2024 09:05	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 09:05	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 09:05	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 09:05	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 09:05	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 09:05	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 09:05	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 09:05	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 09:05	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 09:05	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 09:05	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 09:05	WG2293937
1,1-Dichloroethane	U		0.0230	0.100	1	05/28/2024 09:05	WG2293937
1,2-Dichloroethane	U		0.0190	0.100	1	05/28/2024 09:05	WG2293937
1,1-Dichloroethene	U		0.0200	0.100	1	05/28/2024 09:05	WG2293937
cis-1,2-Dichloroethene	0.602		0.0276	0.100	1	05/28/2024 09:05	WG2293937
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/28/2024 09:05	WG2293937
1,2-Dichloropropane	U		0.0508	0.200	1	05/28/2024 09:05	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 09:05	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 09:05	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 09:05	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 09:05	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 09:05	WG2293937
Di-isopropyl ether	U		0.0140	0.0400	1	05/28/2024 09:05	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 09:05	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 09:05	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 09:05	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 09:05	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 09:05	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 09:05	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 09:05	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 09:05	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 09:05	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 09:05	WG2293937
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/28/2024 09:05	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 09:05	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 09:05	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 09:05	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 09:05	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 09:05	WG2293937



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/28/2024 09:05	WG2293937
Tetrachloroethene	0.606		0.0280	0.100	1	05/28/2024 09:05	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 09:05	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 09:05	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 09:05	WG2293937
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/28/2024 09:05	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 09:05	WG2293937
Trichloroethene	0.254		0.0160	0.0400	1	05/28/2024 09:05	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 09:05	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 09:05	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 09:05	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 09:05	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 09:05	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 09:05	WG2293937
Vinyl chloride	U		0.0273	0.100	1	05/28/2024 09:05	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 09:05	WG2293937
(S) Toluene-d8	98.4			75.0-131		05/28/2024 09:05	WG2293937
(S) 4-Bromofluorobenzene	104			67.0-138		05/28/2024 09:05	WG2293937
(S) 1,2-Dichloroethane-d4	100			70.0-130		05/28/2024 09:05	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	J4	0.548	1.00	1	05/28/2024 09:24	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 09:24	WG2293937
Benzene	0.0700		0.0160	0.0400	1	05/28/2024 09:24	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 09:24	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 09:24	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 09:24	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 09:24	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 09:24	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 09:24	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 09:24	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 09:24	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 09:24	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 09:24	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 09:24	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 09:24	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 09:24	WG2293937
Chloroform	U		0.0166	0.100	1	05/28/2024 09:24	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 09:24	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 09:24	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 09:24	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 09:24	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 09:24	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 09:24	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 09:24	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 09:24	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 09:24	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 09:24	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 09:24	WG2293937
1,1-Dichloroethane	U		0.0230	0.100	1	05/28/2024 09:24	WG2293937
1,2-Dichloroethane	U		0.0190	0.100	1	05/28/2024 09:24	WG2293937
1,1-Dichloroethene	U		0.0200	0.100	1	05/28/2024 09:24	WG2293937
cis-1,2-Dichloroethene	0.130		0.0276	0.100	1	05/28/2024 09:24	WG2293937
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/28/2024 09:24	WG2293937
1,2-Dichloropropane	U		0.0508	0.200	1	05/28/2024 09:24	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 09:24	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 09:24	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 09:24	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 09:24	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 09:24	WG2293937
Di-isopropyl ether	U		0.0140	0.0400	1	05/28/2024 09:24	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 09:24	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 09:24	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 09:24	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 09:24	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 09:24	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 09:24	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 09:24	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 09:24	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 09:24	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 09:24	WG2293937
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/28/2024 09:24	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 09:24	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 09:24	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 09:24	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 09:24	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 09:24	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/28/2024 09:24	WG2293937
Tetrachloroethene	U		0.0280	0.100	1	05/28/2024 09:24	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 09:24	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 09:24	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 09:24	WG2293937
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/28/2024 09:24	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 09:24	WG2293937
Trichloroethene	U		0.0160	0.0400	1	05/28/2024 09:24	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 09:24	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 09:24	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 09:24	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 09:24	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 09:24	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 09:24	WG2293937
Vinyl chloride	0.734		0.0273	0.100	1	05/28/2024 09:24	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 09:24	WG2293937
(S) Toluene-d8	103			75.0-131		05/28/2024 09:24	WG2293937
(S) 4-Bromofluorobenzene	104			67.0-138		05/28/2024 09:24	WG2293937
(S) 1,2-Dichloroethane-d4	105			70.0-130		05/28/2024 09:24	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

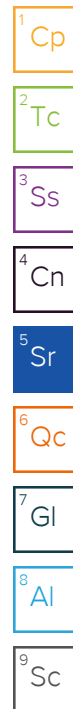
7Gl

8Al

9Sc

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	J4	0.548	1.00	1	05/28/2024 09:44	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 09:44	WG2293937
Benzene	0.0200	J	0.0160	0.0400	1	05/28/2024 09:44	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 09:44	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 09:44	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 09:44	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 09:44	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 09:44	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 09:44	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 09:44	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 09:44	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 09:44	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 09:44	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 09:44	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 09:44	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 09:44	WG2293937
Chloroform	0.121		0.0166	0.100	1	05/28/2024 09:44	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 09:44	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 09:44	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 09:44	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 09:44	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 09:44	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 09:44	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 09:44	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 09:44	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 09:44	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 09:44	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 09:44	WG2293937
1,1-Dichloroethane	1.08		0.0230	0.100	1	05/28/2024 09:44	WG2293937
1,2-Dichloroethane	0.202		0.0190	0.100	1	05/28/2024 09:44	WG2293937
1,1-Dichloroethene	0.230		0.0200	0.100	1	05/28/2024 09:44	WG2293937
cis-1,2-Dichloroethene	17.8		0.0276	0.100	1	05/28/2024 09:44	WG2293937
trans-1,2-Dichloroethene	0.129	J	0.0572	0.200	1	05/28/2024 09:44	WG2293937
1,2-Dichloropropane	0.559		0.0508	0.200	1	05/28/2024 09:44	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 09:44	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 09:44	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 09:44	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 09:44	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 09:44	WG2293937
Di-isopropyl ether	U		0.0140	0.0400	1	05/28/2024 09:44	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 09:44	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 09:44	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 09:44	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 09:44	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 09:44	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 09:44	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 09:44	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 09:44	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 09:44	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 09:44	WG2293937
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/28/2024 09:44	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 09:44	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 09:44	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 09:44	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 09:44	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 09:44	WG2293937



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	0.298		0.0270	0.100	1	05/28/2024 09:44	WG2293937
Tetrachloroethene	58.8		0.0280	0.100	1	05/28/2024 09:44	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 09:44	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 09:44	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 09:44	WG2293937
1,1,1-Trichloroethane	0.198		0.0110	0.100	1	05/28/2024 09:44	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 09:44	WG2293937
Trichloroethene	17.1		0.0160	0.0400	1	05/28/2024 09:44	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 09:44	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 09:44	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 09:44	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 09:44	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 09:44	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 09:44	WG2293937
Vinyl chloride	0.223		0.0273	0.100	1	05/28/2024 09:44	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 09:44	WG2293937
(S) Toluene-d8	99.3			75.0-131		05/28/2024 09:44	WG2293937
(S) 4-Bromofluorobenzene	103			67.0-138		05/28/2024 09:44	WG2293937
(S) 1,2-Dichloroethane-d4	103			70.0-130		05/28/2024 09:44	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

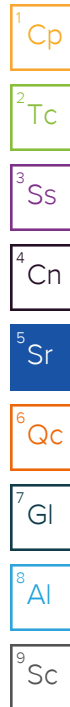
7Gl

8Al

9Sc

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	C5 J4	0.548	1.00	1	05/28/2024 10:03	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 10:03	WG2293937
Benzene	U		0.0160	0.0400	1	05/28/2024 10:03	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 10:03	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 10:03	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 10:03	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 10:03	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 10:03	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 10:03	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 10:03	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 10:03	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 10:03	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 10:03	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 10:03	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 10:03	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 10:03	WG2293937
Chloroform	U		0.0166	0.100	1	05/28/2024 10:03	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 10:03	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 10:03	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 10:03	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 10:03	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 10:03	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 10:03	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 10:03	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 10:03	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 10:03	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 10:03	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 10:03	WG2293937
1,1-Dichloroethane	0.251		0.0230	0.100	1	05/28/2024 10:03	WG2293937
1,2-Dichloroethane	U		0.0190	0.100	1	05/28/2024 10:03	WG2293937
1,1-Dichloroethene	U		0.0200	0.100	1	05/28/2024 10:03	WG2293937
cis-1,2-Dichloroethene	0.226		0.0276	0.100	1	05/28/2024 10:03	WG2293937
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/28/2024 10:03	WG2293937
1,2-Dichloropropane	U		0.0508	0.200	1	05/28/2024 10:03	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 10:03	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 10:03	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 10:03	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 10:03	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 10:03	WG2293937
Di-isopropyl ether	U		0.0140	0.0400	1	05/28/2024 10:03	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 10:03	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 10:03	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 10:03	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 10:03	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 10:03	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 10:03	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 10:03	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 10:03	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 10:03	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 10:03	WG2293937
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/28/2024 10:03	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 10:03	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 10:03	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 10:03	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 10:03	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 10:03	WG2293937



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/28/2024 10:03	WG2293937
Tetrachloroethene	0.0580	J	0.0280	0.100	1	05/28/2024 10:03	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 10:03	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 10:03	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 10:03	WG2293937
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/28/2024 10:03	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 10:03	WG2293937
Trichloroethene	U		0.0160	0.0400	1	05/28/2024 10:03	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 10:03	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 10:03	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 10:03	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 10:03	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 10:03	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 10:03	WG2293937
Vinyl chloride	U		0.0273	0.100	1	05/28/2024 10:03	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 10:03	WG2293937
(S) Toluene-d8	102			75.0-131		05/28/2024 10:03	WG2293937
(S) 4-Bromofluorobenzene	102			67.0-138		05/28/2024 10:03	WG2293937
(S) 1,2-Dichloroethane-d4	97.6			70.0-130		05/28/2024 10:03	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

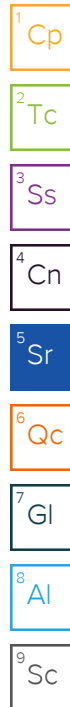
7Gl

8Al

9Sc

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	J4	0.548	1.00	1	05/28/2024 10:22	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 10:22	WG2293937
Benzene	0.0810		0.0160	0.0400	1	05/28/2024 10:22	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 10:22	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 10:22	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 10:22	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 10:22	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 10:22	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 10:22	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 10:22	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 10:22	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 10:22	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 10:22	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 10:22	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 10:22	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 10:22	WG2293937
Chloroform	U		0.0166	0.100	1	05/28/2024 10:22	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 10:22	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 10:22	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 10:22	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 10:22	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 10:22	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 10:22	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 10:22	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 10:22	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 10:22	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 10:22	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 10:22	WG2293937
1,1-Dichloroethane	U		0.0230	0.100	1	05/28/2024 10:22	WG2293937
1,2-Dichloroethane	U		0.0190	0.100	1	05/28/2024 10:22	WG2293937
1,1-Dichloroethene	U		0.0200	0.100	1	05/28/2024 10:22	WG2293937
cis-1,2-Dichloroethene	0.161		0.0276	0.100	1	05/28/2024 10:22	WG2293937
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/28/2024 10:22	WG2293937
1,2-Dichloropropane	U		0.0508	0.200	1	05/28/2024 10:22	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 10:22	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 10:22	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 10:22	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 10:22	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 10:22	WG2293937
Di-isopropyl ether	U		0.0140	0.0400	1	05/28/2024 10:22	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 10:22	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 10:22	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 10:22	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 10:22	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 10:22	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 10:22	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 10:22	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 10:22	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 10:22	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 10:22	WG2293937
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/28/2024 10:22	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 10:22	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 10:22	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 10:22	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 10:22	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 10:22	WG2293937



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/28/2024 10:22	WG2293937
Tetrachloroethene	U		0.0280	0.100	1	05/28/2024 10:22	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 10:22	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 10:22	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 10:22	WG2293937
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/28/2024 10:22	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 10:22	WG2293937
Trichloroethene	U		0.0160	0.0400	1	05/28/2024 10:22	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 10:22	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 10:22	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 10:22	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 10:22	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 10:22	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 10:22	WG2293937
Vinyl chloride	0.860		0.0273	0.100	1	05/28/2024 10:22	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 10:22	WG2293937
(S) Toluene-d8	101			75.0-131		05/28/2024 10:22	WG2293937
(S) 4-Bromofluorobenzene	101			67.0-138		05/28/2024 10:22	WG2293937
(S) 1,2-Dichloroethane-d4	102			70.0-130		05/28/2024 10:22	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	J4	0.548	1.00	1	05/28/2024 10:41	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 10:41	WG2293937
Benzene	U		0.0160	0.0400	1	05/28/2024 10:41	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 10:41	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 10:41	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 10:41	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 10:41	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 10:41	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 10:41	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 10:41	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 10:41	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 10:41	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 10:41	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 10:41	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 10:41	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 10:41	WG2293937
Chloroform	U		0.0166	0.100	1	05/28/2024 10:41	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 10:41	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 10:41	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 10:41	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 10:41	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 10:41	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 10:41	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 10:41	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 10:41	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 10:41	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 10:41	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 10:41	WG2293937
1,1-Dichloroethane	U		0.0230	0.100	1	05/28/2024 10:41	WG2293937
1,2-Dichloroethane	U		0.0190	0.100	1	05/28/2024 10:41	WG2293937
1,1-Dichloroethene	U		0.0200	0.100	1	05/28/2024 10:41	WG2293937
cis-1,2-Dichloroethene	U		0.0276	0.100	1	05/28/2024 10:41	WG2293937
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/28/2024 10:41	WG2293937
1,2-Dichloropropane	U		0.0508	0.200	1	05/28/2024 10:41	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 10:41	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 10:41	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 10:41	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 10:41	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 10:41	WG2293937
Di-isopropyl ether	0.150		0.0140	0.0400	1	05/28/2024 10:41	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 10:41	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 10:41	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 10:41	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 10:41	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 10:41	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 10:41	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 10:41	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 10:41	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 10:41	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 10:41	WG2293937
Methyl tert-butyl ether	0.106		0.0118	0.0400	1	05/28/2024 10:41	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 10:41	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 10:41	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 10:41	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 10:41	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 10:41	WG2293937

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/28/2024 10:41	WG2293937
Tetrachloroethene	U		0.0280	0.100	1	05/28/2024 10:41	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 10:41	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 10:41	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 10:41	WG2293937
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/28/2024 10:41	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 10:41	WG2293937
Trichloroethene	U		0.0160	0.0400	1	05/28/2024 10:41	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 10:41	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 10:41	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 10:41	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 10:41	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 10:41	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 10:41	WG2293937
Vinyl chloride	U		0.0273	0.100	1	05/28/2024 10:41	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 10:41	WG2293937
(S) Toluene-d8	99.3			75.0-131		05/28/2024 10:41	WG2293937
(S) 4-Bromofluorobenzene	103			67.0-138		05/28/2024 10:41	WG2293937
(S) 1,2-Dichloroethane-d4	103			70.0-130		05/28/2024 10:41	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

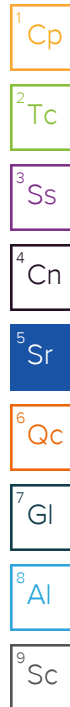
7Gl

8Al

9Sc

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	7.72	C5 J4	0.548	1.00	1	05/28/2024 06:52	WG2293937
Acrylonitrile	U	J3	0.0760	0.500	1	05/28/2024 06:52	WG2293937
Benzene	U		0.0160	0.0400	1	05/28/2024 06:52	WG2293937
Bromobenzene	U		0.0420	0.500	1	05/28/2024 06:52	WG2293937
Bromochloromethane	U		0.0452	0.200	1	05/28/2024 06:52	WG2293937
Bromodichloromethane	U		0.0315	0.100	1	05/28/2024 06:52	WG2293937
Bromoform	U		0.239	1.00	1	05/28/2024 06:52	WG2293937
Bromomethane	U		0.148	0.500	1	05/28/2024 06:52	WG2293937
n-Butylbenzene	U		0.153	0.500	1	05/28/2024 06:52	WG2293937
sec-Butylbenzene	U		0.101	0.500	1	05/28/2024 06:52	WG2293937
tert-Butylbenzene	U		0.0620	0.200	1	05/28/2024 06:52	WG2293937
Carbon disulfide	U		0.162	0.500	1	05/28/2024 06:52	WG2293937
Carbon tetrachloride	U		0.0432	0.200	1	05/28/2024 06:52	WG2293937
Chlorobenzene	U		0.0229	0.100	1	05/28/2024 06:52	WG2293937
Chlorodibromomethane	U		0.0180	0.100	1	05/28/2024 06:52	WG2293937
Chloroethane	U		0.0432	0.200	1	05/28/2024 06:52	WG2293937
Chloroform	U		0.0166	0.100	1	05/28/2024 06:52	WG2293937
Chloromethane	U		0.0556	0.500	1	05/28/2024 06:52	WG2293937
2-Chlorotoluene	U		0.0368	0.100	1	05/28/2024 06:52	WG2293937
4-Chlorotoluene	U		0.0452	0.200	1	05/28/2024 06:52	WG2293937
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/28/2024 06:52	WG2293937
1,2-Dibromoethane	U		0.0210	0.100	1	05/28/2024 06:52	WG2293937
Dibromomethane	U		0.0400	0.200	1	05/28/2024 06:52	WG2293937
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/28/2024 06:52	WG2293937
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/28/2024 06:52	WG2293937
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/28/2024 06:52	WG2293937
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/28/2024 06:52	WG2293937
Dichlorodifluoromethane	U		0.0327	0.200	1	05/28/2024 06:52	WG2293937
1,1-Dichloroethane	U		0.0230	0.100	1	05/28/2024 06:52	WG2293937
1,2-Dichloroethane	U		0.0190	0.100	1	05/28/2024 06:52	WG2293937
1,1-Dichloroethene	U		0.0200	0.100	1	05/28/2024 06:52	WG2293937
cis-1,2-Dichloroethene	U		0.0276	0.100	1	05/28/2024 06:52	WG2293937
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/28/2024 06:52	WG2293937
1,2-Dichloropropane	U		0.0508	0.200	1	05/28/2024 06:52	WG2293937
1,1-Dichloropropene	U		0.0280	0.100	1	05/28/2024 06:52	WG2293937
1,3-Dichloropropane	U		0.0700	0.200	1	05/28/2024 06:52	WG2293937
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/28/2024 06:52	WG2293937
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/28/2024 06:52	WG2293937
2,2-Dichloropropane	U		0.0317	0.100	1	05/28/2024 06:52	WG2293937
Di-isopropyl ether	U		0.0140	0.0400	1	05/28/2024 06:52	WG2293937
Ethylbenzene	U		0.0212	0.100	1	05/28/2024 06:52	WG2293937
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/28/2024 06:52	WG2293937
2-Hexanone	U		0.400	1.00	1	05/28/2024 06:52	WG2293937
n-Hexane	U		0.0424	0.200	1	05/28/2024 06:52	WG2293937
Iodomethane	U		0.242	0.500	1	05/28/2024 06:52	WG2293937
Isopropylbenzene	U		0.0345	0.100	1	05/28/2024 06:52	WG2293937
p-Isopropyltoluene	U		0.0932	0.200	1	05/28/2024 06:52	WG2293937
2-Butanone (MEK)	U	J3	0.500	1.00	1	05/28/2024 06:52	WG2293937
Methylene Chloride	U		0.265	1.00	1	05/28/2024 06:52	WG2293937
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/28/2024 06:52	WG2293937
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/28/2024 06:52	WG2293937
Naphthalene	U	C3 J3	0.124	0.500	1	05/28/2024 06:52	WG2293937
n-Propylbenzene	U		0.0472	0.200	1	05/28/2024 06:52	WG2293937
Styrene	U		0.109	0.500	1	05/28/2024 06:52	WG2293937
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/28/2024 06:52	WG2293937
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/28/2024 06:52	WG2293937



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/28/2024 06:52	WG2293937
Tetrachloroethene	U		0.0280	0.100	1	05/28/2024 06:52	WG2293937
Toluene	U		0.0500	0.200	1	05/28/2024 06:52	WG2293937
1,2,3-Trichlorobenzene	U	J3	0.0250	0.500	1	05/28/2024 06:52	WG2293937
1,2,4-Trichlorobenzene	U	C3	0.193	0.500	1	05/28/2024 06:52	WG2293937
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/28/2024 06:52	WG2293937
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/28/2024 06:52	WG2293937
Trichloroethene	U		0.0160	0.0400	1	05/28/2024 06:52	WG2293937
Trichlorofluoromethane	U		0.0200	0.100	1	05/28/2024 06:52	WG2293937
1,2,3-Trichloropropane	U		0.204	0.500	1	05/28/2024 06:52	WG2293937
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/28/2024 06:52	WG2293937
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/28/2024 06:52	WG2293937
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/28/2024 06:52	WG2293937
Vinyl acetate	U	C3	0.141	0.500	1	05/28/2024 06:52	WG2293937
Vinyl chloride	U		0.0273	0.100	1	05/28/2024 06:52	WG2293937
Xylenes, Total	U		0.191	0.260	1	05/28/2024 06:52	WG2293937
(S) Toluene-d8	98.8			75.0-131		05/28/2024 06:52	WG2293937
(S) 4-Bromofluorobenzene	104			67.0-138		05/28/2024 06:52	WG2293937
(S) 1,2-Dichloroethane-d4	102			70.0-130		05/28/2024 06:52	WG2293937

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4077994-1 06/05/24 15:15

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

L1739203-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1739203-01 06/05/24 18:50 • (DUP) R4077994-5 06/05/24 19:04

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	163000	163000	1	0.0549		15

Laboratory Control Sample (LCS)

(LCS) R4077994-2 06/05/24 15:28

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	39300	98.4	80.0-120	

L1739203-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739203-01 06/05/24 18:50 • (MS) R4077994-6 06/05/24 19:44 • (MSD) R4077994-7 06/05/24 19:57

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	40000	163000	171000	171000	18.3	18.5	1	80.0-120	V	V	0.0359	15

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4079975-1 06/05/24 13:19

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

L1739189-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1739189-01 06/06/24 02:44 • (DUP) R4079975-3 06/06/24 02:56

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	1560	1590	1	2.00	⌵	15

L1739256-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1739256-10 06/06/24 05:51 • (DUP) R4079975-6 06/06/24 06:04

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	1310	1320	1	1.09	⌵	15

Laboratory Control Sample (LCS)

(LCS) R4079975-2 06/05/24 13:31

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	38200	95.4	80.0-120	

L1739189-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739189-01 06/06/24 02:44 • (MS) R4079975-4 06/06/24 03:09 • (MSD) R4079975-5 06/06/24 03:21

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	40000	1560	42100	42400	101	102	1	80.0-120			0.785	15

L1739256-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1739256-10 06/06/24 05:51 • (MS) R4079975-7 06/06/24 06:16

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Sulfate	40000	1310	39600	95.8	1	80.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4076773-2 06/03/24 12:03

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

L1739144-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1739144-12 06/03/24 13:55 • (DUP) R4076773-3 06/03/24 14:09

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	123	137	1	11.2	⬇	20

Laboratory Control Sample (LCS)

(LCS) R4076773-1 06/03/24 11:45

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	24000	96.1	85.0-115	

L1739662-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739662-01 06/03/24 15:33 • (MS) R4076773-4 06/03/24 15:51 • (MSD) R4076773-5 06/03/24 16:09

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	13700	40300	40900	106	109	1	85.0-115			1.38	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4078781-2 06/06/24 12:20

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

L1739330-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1739330-03 06/06/24 16:52 • (DUP) R4078781-5 06/06/24 17:10

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	2400	2520	1	4.68		20

L1739330-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1739330-05 06/06/24 18:17 • (DUP) R4078781-6 06/06/24 18:37

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	1790	1810	1	0.999		20

Laboratory Control Sample (LCS)

(LCS) R4078781-1 06/06/24 12:03

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	25800	103	85.0-115	

L1739122-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739122-01 06/06/24 13:57 • (MS) R4078781-3 06/06/24 14:18 • (MSD) R4078781-4 06/06/24 14:39

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	1630	27600	27800	104	105	1	85.0-115			0.613	20

L1739330-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739330-06 06/06/24 18:57 • (MS) R4078781-7 06/06/24 19:19 • (MSD) R4078781-8 06/06/24 19:41

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	5210	32200	32300	108	108	1	85.0-115			0.434	20

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

Method Blank (MB)

(MB) R4088879-1 07/01/24 20:07

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

Laboratory Control Sample (LCS)

(LCS) R4088879-2 07/01/24 20:11

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Iron	1000	1020	102	80.0-120	
Manganese	50.0	50.7	101	80.0-120	

L1739144-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739144-01 07/01/24 20:14 • (MS) R4088879-4 07/01/24 20:21 • (MSD) R4088879-5 07/01/24 20:24

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	1000	6360	7740	7580	139	122	1	75.0-125	V		2.13	20
Manganese	50.0	431	499	493	136	124	1	75.0-125	V		1.12	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4075658-1 05/30/24 17:50

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

Laboratory Control Sample (LCS)

(LCS) R4075658-2 05/30/24 17:54

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Iron	1000	976	97.6	80.0-120	
Manganese	50.0	49.5	99.1	80.0-120	

L1740549-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740549-01 05/30/24 17:58 • (MS) R4075658-4 05/30/24 18:04 • (MSD) R4075658-5 05/30/24 18:08

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	1000	2210	3170	3610	96.3	140	1	75.0-125		J5	12.9	20
Manganese	50.0	98.9	142	149	86.9	99.7	1	75.0-125			4.38	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4075487-2 05/30/24 14:10

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

L1739078-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1739078-06 05/30/24 14:16 • (DUP) R4075487-3 05/30/24 15:32

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

L1739330-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1739330-07 05/30/24 15:39 • (DUP) R4075487-4 05/30/24 16:14

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) R4075487-1 05/30/24 14:07 • (LCSD) R4075487-7 05/30/24 16:36

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	69.0	69.3	102	102	85.0-115			0.434	20
Ethane	129	124	122	96.1	94.6	85.0-115			1.63	20
Ethene	127	125	122	98.4	96.1	85.0-115			2.43	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1739122-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739122-01 05/30/24 14:22 • (MS) R4075487-5 05/30/24 16:17 • (MSD) R4075487-6 05/30/24 16:33

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Methane	67.8	U	67.9	66.5	100	98.1	1	85.0-115			2.08	20
Ethane	129	U	122	122	94.6	94.6	1	85.0-115			0.000	20
Ethene	127	U	121	123	95.3	96.9	1	85.0-115			1.64	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4075404-3 05/28/24 06:33

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
Bromochloromethane	U		0.0452	0.200
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 disulfide	U		0.162	0.500
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	0.200
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

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4075404-3 05/28/24 06:33

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.0212	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
2-Hexanone	U		0.400	1.00
n-Hexane	U		0.0424	0.200
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl acetate	U		0.141	0.500
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	101			75.0-131
(S) 4-Bromofluorobenzene	101			67.0-138
(S) 1,2-Dichloroethane-d4	93.7			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4075404-1 05/28/24 05:17 • (LCSD) R4075404-2 05/28/24 05:36

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	44.1	39.6	176	158	10.0-160	J4		10.8	31
Acrylonitrile	25.0	37.0	29.4	148	118	45.0-153		J3	22.9	22
Benzene	5.00	4.60	4.37	92.0	87.4	70.0-123			5.13	20
Bromobenzene	5.00	4.54	4.22	90.8	84.4	73.0-121			7.31	20
Bromochloromethane	5.00	4.63	4.93	92.6	98.6	77.0-128			6.28	20
Bromodichloromethane	5.00	4.76	4.67	95.2	93.4	73.0-121			1.91	20
Bromoform	5.00	4.33	4.63	86.6	92.6	64.0-132			6.70	20
Bromomethane	5.00	5.02	4.99	100	99.8	56.0-147			0.599	20
n-Butylbenzene	5.00	4.32	3.86	86.4	77.2	68.0-135			11.2	20
sec-Butylbenzene	5.00	5.18	4.59	104	91.8	74.0-130			12.1	20
tert-Butylbenzene	5.00	5.15	4.56	103	91.2	75.0-127			12.2	20
Carbon disulfide	5.00	4.48	3.94	89.6	78.8	56.0-133			12.8	20
Carbon tetrachloride	5.00	5.30	5.19	106	104	66.0-128			2.10	20
Chlorobenzene	5.00	4.66	4.45	93.2	89.0	76.0-128			4.61	20
Chlorodibromomethane	5.00	4.25	4.53	85.0	90.6	74.0-127			6.38	20
Chloroethane	5.00	5.28	4.88	106	97.6	61.0-134			7.87	20
Chloroform	5.00	4.43	4.10	88.6	82.0	72.0-123			7.74	20
Chloromethane	5.00	4.70	4.46	94.0	89.2	51.0-138			5.24	20
2-Chlorotoluene	5.00	4.94	4.47	98.8	89.4	75.0-124			9.99	20
4-Chlorotoluene	5.00	4.78	4.29	95.6	85.8	75.0-124			10.8	20
1,2-Dibromo-3-Chloropropane	5.00	5.02	5.80	100	116	59.0-130			14.4	20
1,2-Dibromoethane	5.00	4.82	4.79	96.4	95.8	74.0-128			0.624	20
Dibromomethane	5.00	4.39	5.11	87.8	102	75.0-122			15.2	20
1,2-Dichlorobenzene	5.00	4.22	4.45	84.4	89.0	76.0-124			5.31	20
1,3-Dichlorobenzene	5.00	4.40	4.21	88.0	84.2	76.0-125			4.41	20
1,4-Dichlorobenzene	5.00	4.35	4.28	87.0	85.6	77.0-121			1.62	20
trans-1,4-Dichloro-2-butene	5.00	4.94	4.57	98.8	91.4	45.0-143			7.78	20
Dichlorodifluoromethane	5.00	5.71	5.59	114	112	43.0-156			2.12	20
1,1-Dichloroethane	5.00	5.10	4.49	102	89.8	70.0-127			12.7	20
1,2-Dichloroethane	5.00	4.26	3.65	85.2	73.0	65.0-131			15.4	20
1,1-Dichloroethene	5.00	5.28	4.42	106	88.4	65.0-131			17.7	20
cis-1,2-Dichloroethene	5.00	4.94	4.55	98.8	91.0	73.0-125			8.22	20
trans-1,2-Dichloroethene	5.00	4.96	4.24	99.2	84.8	71.0-125			15.7	20
1,2-Dichloropropane	5.00	4.84	4.64	96.8	92.8	74.0-125			4.22	20
1,1-Dichloropropene	5.00	5.21	4.43	104	88.6	73.0-125			16.2	20
1,3-Dichloropropane	5.00	4.74	4.66	94.8	93.2	80.0-125			1.70	20
cis-1,3-Dichloropropene	5.00	4.99	4.79	99.8	95.8	76.0-127			4.09	20
trans-1,3-Dichloropropene	5.00	4.72	4.70	94.4	94.0	73.0-127			0.425	20
2,2-Dichloropropane	5.00	5.02	4.28	100	85.6	59.0-135			15.9	20
Di-isopropyl ether	5.00	4.89	4.45	97.8	89.0	60.0-136			9.42	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4075404-1 05/28/24 05:17 • (LCSD) R4075404-2 05/28/24 05:36

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 %
Ethylbenzene	5.00	4.81	4.65	96.2	93.0	74.0-126			3.38	20
Hexachloro-1,3-butadiene	5.00	4.84	4.67	96.8	93.4	57.0-150			3.58	20
2-Hexanone	25.0	35.1	34.0	140	136	54.0-147			3.18	20
n-Hexane	5.00	4.32	3.72	86.4	74.4	55.0-137			14.9	20
Iodomethane	25.0	24.6	22.5	98.4	90.0	74.0-134			8.92	20
Isopropylbenzene	5.00	4.95	4.84	99.0	96.8	72.0-127			2.25	20
p-Isopropyltoluene	5.00	4.92	4.39	98.4	87.8	72.0-133			11.4	20
2-Butanone (MEK)	25.0	39.2	27.7	157	111	30.0-160		J3	34.4	24
Methylene Chloride	5.00	4.55	4.35	91.0	87.0	68.0-123			4.49	20
4-Methyl-2-pentanone (MIBK)	25.0	29.0	29.2	116	117	56.0-143			0.687	20
Methyl tert-butyl ether	5.00	4.59	4.48	91.8	89.6	66.0-132			2.43	20
Naphthalene	5.00	3.71	5.10	74.2	102	59.0-130		J3	31.6	20
n-Propylbenzene	5.00	5.12	4.48	102	89.6	74.0-126			13.3	20
Styrene	5.00	4.57	4.51	91.4	90.2	72.0-127			1.32	20
1,1,1,2-Tetrachloroethane	5.00	4.31	4.49	86.2	89.8	74.0-129			4.09	20
1,1,2,2-Tetrachloroethane	5.00	4.38	4.30	87.6	86.0	68.0-128			1.84	20
1,1,2-Trichlorotrifluoroethane	5.00	5.13	4.73	103	94.6	61.0-139			8.11	20
Tetrachloroethene	5.00	5.12	4.62	102	92.4	70.0-136			10.3	20
Toluene	5.00	4.65	4.40	93.0	88.0	75.0-121			5.52	20
1,2,3-Trichlorobenzene	5.00	4.05	5.18	81.0	104	59.0-139		J3	24.5	20
1,2,4-Trichlorobenzene	5.00	3.89	4.61	77.8	92.2	62.0-137			16.9	20
1,1,1-Trichloroethane	5.00	5.50	4.67	110	93.4	69.0-126			16.3	20
1,1,2-Trichloroethane	5.00	4.71	4.64	94.2	92.8	78.0-123			1.50	20
Trichloroethene	5.00	5.41	5.07	108	101	76.0-126			6.49	20
Trichlorofluoromethane	5.00	5.85	5.42	117	108	61.0-142	J	J	7.63	20
1,2,3-Trichloropropane	5.00	5.11	5.11	102	102	67.0-129			0.000	20
1,2,4-Trimethylbenzene	5.00	4.54	4.22	90.8	84.4	70.0-126			7.31	20
1,2,3-Trimethylbenzene	5.00	4.29	4.34	85.8	86.8	74.0-124			1.16	20
1,3,5-Trimethylbenzene	5.00	4.76	4.31	95.2	86.2	73.0-127			9.92	20
Vinyl acetate	25.0	13.0	11.6	52.0	46.4	43.0-159			11.4	20
Vinyl chloride	5.00	5.03	5.06	101	101	63.0-134			0.595	20
Xylenes, Total	15.0	14.3	13.8	95.3	92.0	72.0-127			3.56	20
(S) Toluene-d8				102	99.2	75.0-131				
(S) 4-Bromofluorobenzene				103	107	67.0-138				
(S) 1,2-Dichloroethane-d4				99.4	102	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4076842-3 05/27/24 06:56

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
Bromochloromethane	U		0.0452	0.200
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 disulfide	U		0.162	0.500
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	0.200
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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4076842-3 05/27/24 06:56

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.0212	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
2-Hexanone	U		0.400	1.00
n-Hexane	U		0.0424	0.200
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl acetate	U		0.141	0.500
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	102			75.0-131
(S) 4-Bromofluorobenzene	95.2			67.0-138
(S) 1,2-Dichloroethane-d4	99.1			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4076842-1 05/27/24 04:59 • (LCSD) R4076842-2 05/27/24 05:38

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	18.1	18.5	72.4	74.0	10.0-160			2.19	31
Acrylonitrile	25.0	19.8	20.9	79.2	83.6	45.0-153			5.41	22
Benzene	5.00	4.40	4.38	88.0	87.6	70.0-123			0.456	20
Bromobenzene	5.00	4.49	4.59	89.8	91.8	73.0-121			2.20	20
Bromochloromethane	5.00	4.43	4.82	88.6	96.4	77.0-128			8.43	20
Bromodichloromethane	5.00	4.44	4.55	88.8	91.0	73.0-121			2.45	20
Bromoform	5.00	4.35	4.16	87.0	83.2	64.0-132			4.47	20
Bromomethane	5.00	4.51	4.50	90.2	90.0	56.0-147			0.222	20
n-Butylbenzene	5.00	5.26	4.96	105	99.2	68.0-135			5.87	20
sec-Butylbenzene	5.00	4.71	4.60	94.2	92.0	74.0-130			2.36	20
tert-Butylbenzene	5.00	4.58	4.64	91.6	92.8	75.0-127			1.30	20
Carbon disulfide	5.00	4.20	4.30	84.0	86.0	56.0-133			2.35	20
Carbon tetrachloride	5.00	4.71	4.82	94.2	96.4	66.0-128			2.31	20
Chlorobenzene	5.00	4.63	4.56	92.6	91.2	76.0-128			1.52	20
Chlorodibromomethane	5.00	4.66	4.75	93.2	95.0	74.0-127			1.91	20
Chloroethane	5.00	4.84	4.76	96.8	95.2	61.0-134			1.67	20
Chloroform	5.00	4.36	4.67	87.2	93.4	72.0-123			6.87	20
Chloromethane	5.00	4.58	4.73	91.6	94.6	51.0-138			3.22	20
2-Chlorotoluene	5.00	4.66	4.60	93.2	92.0	75.0-124			1.30	20
4-Chlorotoluene	5.00	4.32	4.32	86.4	86.4	75.0-124			0.000	20
1,2-Dibromo-3-Chloropropane	5.00	4.10	3.87	82.0	77.4	59.0-130			5.77	20
1,2-Dibromoethane	5.00	4.65	4.44	93.0	88.8	74.0-128			4.62	20
Dibromomethane	5.00	4.47	4.67	89.4	93.4	75.0-122			4.38	20
1,2-Dichlorobenzene	5.00	4.65	4.67	93.0	93.4	76.0-124			0.429	20
1,3-Dichlorobenzene	5.00	4.77	4.78	95.4	95.6	76.0-125			0.209	20
1,4-Dichlorobenzene	5.00	4.50	4.48	90.0	89.6	77.0-121			0.445	20
trans-1,4-Dichloro-2-butene	5.00	4.52	4.62	90.4	92.4	45.0-143			2.19	20
Dichlorodifluoromethane	5.00	5.32	5.38	106	108	43.0-156			1.12	20
1,1-Dichloroethane	5.00	4.35	4.49	87.0	89.8	70.0-127			3.17	20
1,2-Dichloroethane	5.00	4.49	4.33	89.8	86.6	65.0-131			3.63	20
1,1-Dichloroethene	5.00	4.76	4.67	95.2	93.4	65.0-131			1.91	20
cis-1,2-Dichloroethene	5.00	4.64	4.61	92.8	92.2	73.0-125			0.649	20
trans-1,2-Dichloroethene	5.00	4.58	4.47	91.6	89.4	71.0-125			2.43	20
1,2-Dichloropropane	5.00	4.48	4.47	89.6	89.4	74.0-125			0.223	20
1,1-Dichloropropene	5.00	4.55	4.58	91.0	91.6	73.0-125			0.657	20
1,3-Dichloropropane	5.00	4.72	4.45	94.4	89.0	80.0-125			5.89	20
cis-1,3-Dichloropropene	5.00	4.58	4.33	91.6	86.6	76.0-127			5.61	20
trans-1,3-Dichloropropene	5.00	4.70	4.65	94.0	93.0	73.0-127			1.07	20
2,2-Dichloropropane	5.00	4.62	4.47	92.4	89.4	59.0-135			3.30	20
Di-isopropyl ether	5.00	4.37	4.43	87.4	88.6	60.0-136			1.36	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4076842-1 05/27/24 04:59 • (LCSD) R4076842-2 05/27/24 05:38

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 %
Ethylbenzene	5.00	4.68	4.62	93.6	92.4	74.0-126			1.29	20
Hexachloro-1,3-butadiene	5.00	5.46	4.96	109	99.2	57.0-150			9.60	20
2-Hexanone	25.0	20.0	19.8	80.0	79.2	54.0-147			1.01	20
n-Hexane	5.00	4.64	4.89	92.8	97.8	55.0-137			5.25	20
Iodomethane	25.0	21.9	21.7	87.6	86.8	74.0-134			0.917	20
Isopropylbenzene	5.00	4.72	4.60	94.4	92.0	72.0-127			2.58	20
p-Isopropyltoluene	5.00	4.95	4.71	99.0	94.2	72.0-133			4.97	20
2-Butanone (MEK)	25.0	27.6	28.5	110	114	30.0-160			3.21	24
Methylene Chloride	5.00	4.50	4.71	90.0	94.2	68.0-123			4.56	20
4-Methyl-2-pentanone (MIBK)	25.0	23.0	22.7	92.0	90.8	56.0-143			1.31	20
Methyl tert-butyl ether	5.00	4.36	4.51	87.2	90.2	66.0-132			3.38	20
Naphthalene	5.00	4.61	4.88	92.2	97.6	59.0-130			5.69	20
n-Propylbenzene	5.00	4.50	4.46	90.0	89.2	74.0-126			0.893	20
Styrene	5.00	4.70	4.62	94.0	92.4	72.0-127			1.72	20
1,1,1,2-Tetrachloroethane	5.00	4.55	4.61	91.0	92.2	74.0-129			1.31	20
1,1,2,2-Tetrachloroethane	5.00	4.38	4.25	87.6	85.0	68.0-128			3.01	20
1,1,2-Trichlorotrifluoroethane	5.00	4.82	4.93	96.4	98.6	61.0-139			2.26	20
Tetrachloroethene	5.00	5.05	5.00	101	100	70.0-136			0.995	20
Toluene	5.00	4.49	4.37	89.8	87.4	75.0-121			2.71	20
1,2,3-Trichlorobenzene	5.00	4.84	4.73	96.8	94.6	59.0-139			2.30	20
1,2,4-Trichlorobenzene	5.00	4.76	4.89	95.2	97.8	62.0-137			2.69	20
1,1,1-Trichloroethane	5.00	4.99	4.91	99.8	98.2	69.0-126			1.62	20
1,1,2-Trichloroethane	5.00	4.84	4.75	96.8	95.0	78.0-123			1.88	20
Trichloroethene	5.00	4.23	4.11	84.6	82.2	76.0-126			2.88	20
Trichlorofluoromethane	5.00	5.02	5.14	100	103	61.0-142	U	U	2.36	20
1,2,3-Trichloropropane	5.00	4.85	4.71	97.0	94.2	67.0-129			2.93	20
1,2,4-Trimethylbenzene	5.00	4.81	4.56	96.2	91.2	70.0-126			5.34	20
1,2,3-Trimethylbenzene	5.00	4.66	4.61	93.2	92.2	74.0-124			1.08	20
1,3,5-Trimethylbenzene	5.00	4.73	4.59	94.6	91.8	73.0-127			3.00	20
Vinyl acetate	25.0	19.6	18.7	78.4	74.8	43.0-159			4.70	20
Vinyl chloride	5.00	5.12	5.36	102	107	63.0-134			4.58	20
Xylenes, Total	15.0	13.8	13.4	92.0	89.3	72.0-127			2.94	20
(S) Toluene-d8				101	99.8	75.0-131				
(S) 4-Bromofluorobenzene				102	97.4	67.0-138				
(S) 1,2-Dichloroethane-d4				103	103	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4076869-2 05/30/24 10:41

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	108			75.0-131
(S) 4-Bromofluorobenzene	98.1			67.0-138
(S) 1,2-Dichloroethane-d4	91.1			70.0-130

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

(LCS) R4076869-1 05/30/24 09:20 • (LCSD) R4076869-3 05/30/24 11:22

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	4.04	3.87	80.8	77.4	73.0-125			4.30	20
Vinyl chloride	5.00	5.44	4.97	109	99.4	63.0-134			9.03	20
(S) Toluene-d8				105	108	75.0-131				
(S) 4-Bromofluorobenzene				98.9	98.7	67.0-138				
(S) 1,2-Dichloroethane-d4				93.2	89.8	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

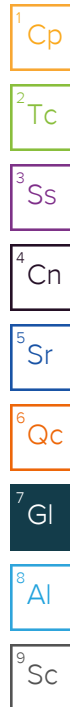
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
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.
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.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

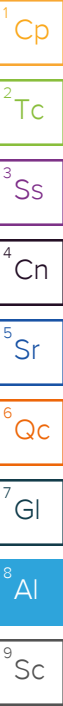
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

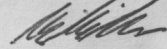
Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	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	LA000356
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		

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

* 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 Analytical.



Company Name/Address: PES Environmental, Inc.- WA				Billing Information: Attn: Accounts Payable 2101 4th Avenue, Suite 1310 Seattle, WA 98121				Pres Chk				Analysis / Container / Preservative				Chain of Custody Page 1 of 2			
2101 Fourth Ave., Suite 1310 Seattle, WA 98121				Report to: Daniel Balbiani (ALP Q2)				Email To: Sam.graber@nv5.com jessica.babb@nv5.com; notalie.wisdom@nv5.co								 PEOPLE ADVANCING SCIENCE			
Project Description: American Linen Q2 2024				City/State Collected: Seattle, WA				Please Circle: PT MT CT ET								MT JULIET, TN			
Phone: 206-529-3980				Client Project # 443022-1413001.10.701.02				Lab Project # PESENVSWA-ALP								12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf			
Collected by (print): Devlin Del Giudice				Site/Facility ID #				P.O. #								SDG # 1739256			
Collected by (signature): 				Rush? (Lab MUST Be Notified) ____ Same Day ____ Five Day ____ Next Day ____ 5 Day (Rad Only) ____ Two Day ____ 10 Day (Rad Only) ____ Three Day				Quote #								B122			
Immediately Packed on Ice N ____ Y X				Date Results Needed				No. of Cntrs								Acctnum: PESENVSWA Template: T252149 Prelogin: P1073078 PM: 546 - Jared Starkey PB:			
Sample ID				Comp/Grab		Matrix *		Depth		Date		Time				Shipped Via:			
																Remarks			
MW-198-052124				G		GW		—		05/21/24		1248		3		— 01			
MW-311-052124						GW		—				1310		3		— 03			
MW-308-052124						GW		—				1152		3		— 03			
MW-122-052124						GW		—				1217		3		— 04			
MW-331-052124						GW		—				1059		3		— 05			
MW-309-052124						GW		—				1130		3		— 06			
MW-186-052124						GW		—				1016		8		— 07			
MW-109-052124						GW		—				1344		3		— 08			
MW-103-052124						GW		—				1412		3		— 09			
MW-142-052124				↓		GW		—		↓		0954		8		— 10			
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other				Remarks:				pH ____ Temp ____ Flow ____ Other ____				Sample Receipt Checklist COC Seal Present/Intact: 1 NP Y N COC Signed/Accurate: 1 Y N Bottles arrive intact: 1 Y N Correct bottles used: 1 Y N Sufficient volume sent: 1 Y N If Applicable VOA Zero Headspace: ____ Y N Preservation Correct/Checked: ____ Y N RAD Screen <0.5 mR/hr: F Y N							
Samples returned via: __ UPS __ FedEx __ Courier				Tracking # 7411 4519 3100															
Relinquished by: (Signature) 				Date: 5/21/24		Time: 1539		Received by: (Signature)				Trip Blank Received: Yes / No 1 HCL / MeOH TBR				If preservation required by Login: Date/Time			
Relinquished by: (Signature)				Date:		Time:		Received by: (Signature)				Temp: EOAC Bottles Received: 501512502 64							
Relinquished by: (Signature)				Date:		Time:		Received for lab by: (Signature) alex a mitcher				Date: 5/22/24 Time: 0900				Hold: Condition: NCF / OK			

Company Name/Address: PES Environmental, Inc.- WA			Billing Information: Attn: Accounts Payable 2101 4th Avenue, Suite 1310 Seattle, WA 98121			Pres Chk		Analysis / Container / Preservative								Chain of Custody Page <u>2</u> of <u>2</u>	
2101 Fourth Ave., Suite 1310 Seattle, WA 98121																MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubs/pas-standard-terms.pdf	
Report to: Daniel Balbiani (ALP Q2)			Email To: <u>Sam.yraber@nvs.com</u> <u>jessica.habb@nvs.com; nathalie.wisdom@nvs.co</u>														
Project Description: American Linen Q2 2024			City/State Collected: <u>Seattle, WA</u>			Please Circle: PT MT CT ET											
Phone: 206-529-3980		Client Project # 443022-1413001.10.701.02		Lab Project # PESENVSWA-ALP												SDG # <u>1739256</u>	
Collected by (print): <u>Devlin Del Giudice</u>		Site/Facility ID #		P.O. #												Table #	
Collected by (signature): 		Rush? (Lab MUST Be Notified) ☐ Same Day ☐ Five Day ☐ Next Day ☐ 5 Day (Rad Only) ☐ Two Day ☐ 10 Day (Rad Only) ☐ Three Day		Quote #												Acctnum: PESENVSWA Template: T252149	
Immediately Packed on Ice N ☐ Y ☒				Date Results Needed		No. of Cntrs										Prelogin: P1073078 PM: 546 - Jared Starkey PB:	
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time										Shipped Via:	
																Remarks Sample # (lab only)	
MW-121-052124		G	GW	—	05/21/24	1039	3	FEG, MNG 6020 250mlHDPE-HNO3									—11
MW-159-052124			GW	—		1125	3										—13
MW-1584-052124			GW	—		1207	3										—13
MW-9-052124			GW	—		1246	3										—14
MW-120-052124			GW	—		1320	3										—15
MW-127-052124			GW	—		1415	3										—16
MW-986-052124			GW	—		1200	3										—17
MW-317-052124			GW	—		1421	3										—18
TB-052124			GW	—			1										—19
			GW														

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

Remarks:

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier

Tracking # 7411 4519 3100

Relinquished by: (Signature) Date: 5/21/24 Time: 1539

Relinquished by: (Signature) Date: Time:

Relinquished by: (Signature) Date: Time:

Received by: (Signature) Trip Blank Received: Yes / No 1 HCL/MeOH TBR

Temp: EDASC Bottles Received: 50 Lb 1 = 502 64

Received for lab by: (Signature) Alexa Mitchell Date: 5/22/24 Time: 0900

Sample Receipt Checklist

COC Seal Present/Intact: NP Y ☒ N ☐

COC Signed/Accurate: Y Y ☒ N ☐

Bottles arrive intact: Y Y ☒ N ☐

Correct bottles used: Y Y ☒ N ☐

Sufficient volume sent: Y Y ☒ N ☐

If Applicable

VOA Zero Headspace: Y Y ☒ N ☐

Preservation Correct/Checked: Y Y ☒ N ☐

RAD Screen <0.5 mR/hr: Y Y ☒ N ☐

If preservation required by Login: Date/Time

Hold: Condition: NCF / LOK

June 14, 2024

Revised Report

PES Environmental, Inc.- WA

Sample Delivery Group: L1739788
Samples Received: 05/23/2024
Project Number: 443022-1413001.10
Description: American Linen Q2 2024

Report To: Daniel Balbiani
2101 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 mydata.pacelabs.com

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

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

SAMPLE SUMMARY

MW-145R-052224 L1739788-01 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 09:16

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2299419	1	06/09/24 10:11	06/09/24 10:11	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2300561	1	06/10/24 03:50	06/10/24 03:50	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2295554	1	05/31/24 12:32	06/02/24 20:59	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2294780	1	05/31/24 09:49	05/31/24 09:49	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295127	1	05/30/24 02:25	05/30/24 02:25	ACG	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

MW-144R-052224 L1739788-02 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 09:52

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2299419	1	06/09/24 10:27	06/09/24 10:27	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2300561	1	06/10/24 04:11	06/10/24 04:11	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2295554	1	05/31/24 12:32	06/02/24 21:03	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2294780	1	05/31/24 09:54	05/31/24 09:54	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296404	10	05/31/24 15:50	05/31/24 15:50	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295127	1	05/30/24 02:48	05/30/24 02:48	ACG	Mt. Juliet, TN

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

MW-160-052224 L1739788-03 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 10:55

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295127	1	05/30/24 03:09	05/30/24 03:09	ACG	Mt. Juliet, TN

MW111-052224 L1739788-04 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 12:12

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297632	1	06/03/24 19:42	06/03/24 19:42	JAH	Mt. Juliet, TN

MW-313-052224 L1739788-05 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 12:43

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297632	1	06/03/24 20:04	06/03/24 20:04	JAH	Mt. Juliet, TN

MW-314-052224 L1739788-06 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 13:16

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/30/24 23:11	05/30/24 23:11	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296758	1	06/02/24 21:58	06/02/24 21:58	KSD	Mt. Juliet, TN

MW110-052224 L1739788-07 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 13:45

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/30/24 22:30	05/30/24 22:30	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296758	20	06/02/24 22:17	06/02/24 22:17	KSD	Mt. Juliet, TN

SAMPLE SUMMARY

MW-322-052224 L1739788-08 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 13:33

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/30/24 23:30	05/30/24 23:30	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296758	20	06/02/24 22:37	06/02/24 22:37	KSD	Mt. Juliet, TN

MW-323-052224 L1739788-09 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 12:42

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/30/24 23:49	05/30/24 23:49	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296758	20	06/02/24 22:56	06/02/24 22:56	KSD	Mt. Juliet, TN

MW-161-052224 L1739788-10 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 09:36

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 00:08	05/31/24 00:08	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296758	1	06/02/24 23:15	06/02/24 23:15	KSD	Mt. Juliet, TN

R-MW6-052224 L1739788-11 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 11:05

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 00:27	05/31/24 00:27	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296758	1	06/02/24 23:34	06/02/24 23:34	KSD	Mt. Juliet, TN

MW104-052224 L1739788-12 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 11:53

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 00:46	05/31/24 00:46	ADM	Mt. Juliet, TN

W-MW-01-052224 L1739788-13 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 10:38

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 01:05	05/31/24 01:05	ADM	Mt. Juliet, TN

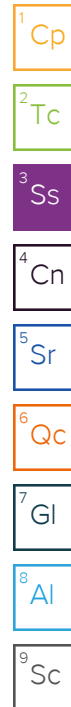
MW107-052224 L1739788-14 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 08:48

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2299419	1	06/09/24 11:15	06/09/24 11:15	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2300561	1	06/10/24 04:31	06/10/24 04:31	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2295554	1	05/31/24 12:32	06/02/24 21:06	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2294780	1	05/31/24 10:03	05/31/24 10:03	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296404	10	05/31/24 15:56	05/31/24 15:56	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 01:24	05/31/24 01:24	ADM	Mt. Juliet, TN



SAMPLE SUMMARY

MW-989-052224 L1739788-15 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 12:00

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 01:43	05/31/24 01:43	ADM	Mt. Juliet, TN

MW105-052224 L1739788-16 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 11:44

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 02:02	05/31/24 02:02	ADM	Mt. Juliet, TN

MW-138-052224 L1739788-17 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 13:11

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 02:21	05/31/24 02:21	ADM	Mt. Juliet, TN

MW-304-052224 L1739788-18 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 14:44

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 02:40	05/31/24 02:40	ADM	Mt. Juliet, TN

BB-8-052224 L1739788-19 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 11:21

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 02:59	05/31/24 02:59	ADM	Mt. Juliet, TN

MW-319-052224 L1739788-20 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 12:47

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 03:18	05/31/24 03:18	ADM	Mt. Juliet, TN

MW-318-052224 L1739788-21 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 13:22

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 03:37	05/31/24 03:37	ADM	Mt. Juliet, TN

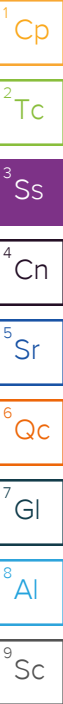
FMW-141-052224 L1739788-22 GW

Collected by
Devlin Del Giudice

Collected date/time
05/22/24 14:37

Received date/time
05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/31/24 03:57	05/31/24 03:57	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296758	10	06/02/24 23:53	06/02/24 23:53	KSD	Mt. Juliet, TN



SAMPLE SUMMARY

TB-052224 L1739788-23 GW

Collected by

Devlin Del Giudice

Collected date/time

05/22/24 00:00

Received date/time

05/23/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2295881	1	05/30/24 21:33	05/30/24 21:33	ADM	Mt. Juliet, TN

 ^1Cp ${}^2\text{Tc}$

³Ss

$$^4\text{Cn}$$
 ${}^5\text{Sr}$
$${}^6\text{Qc}$$
$${}^7\text{Gf}$$
 ${}^8\text{Al}$ ${}^9\text{Sc}$

CASE NARRATIVE

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: 06/11/24 16:33

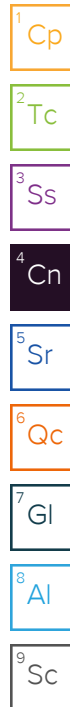
Project Narrative

EDD

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

<u>Lab Sample ID</u>	<u>Project Sample ID</u>	<u>Method</u>
L1739788-13	W-MW-01-052224	8260D



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	28400		594	5000	1	06/09/2024 10:11	WG2299419

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	2040	B	102	1000	1	06/10/2024 03:50	WG2300561

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	287		28.1	100	1	06/02/2024 20:59	WG2295554
Manganese	279		0.704	5.00	1	06/02/2024 20:59	WG2295554

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	1050		0.287	0.678	1	05/31/2024 09:49	WG2294780
Ethane	2.36		0.296	1.29	1	05/31/2024 09:49	WG2294780
Ethene	U		0.422	1.27	1	05/31/2024 09:49	WG2294780

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	0.655	B J	0.548	1.00	1	05/30/2024 02:25	WG2295127
Acrylonitrile	U		0.0760	0.500	1	05/30/2024 02:25	WG2295127
Benzene	U		0.0160	0.0400	1	05/30/2024 02:25	WG2295127
Bromobenzene	U		0.0420	0.500	1	05/30/2024 02:25	WG2295127
Bromodichloromethane	U		0.0315	0.100	1	05/30/2024 02:25	WG2295127
Bromoform	U		0.239	1.00	1	05/30/2024 02:25	WG2295127
Bromomethane	U		0.148	0.500	1	05/30/2024 02:25	WG2295127
n-Butylbenzene	U		0.153	0.500	1	05/30/2024 02:25	WG2295127
sec-Butylbenzene	U		0.101	0.500	1	05/30/2024 02:25	WG2295127
tert-Butylbenzene	U		0.0620	0.200	1	05/30/2024 02:25	WG2295127
Carbon tetrachloride	U		0.0432	0.200	1	05/30/2024 02:25	WG2295127
Chlorobenzene	U		0.0229	0.100	1	05/30/2024 02:25	WG2295127
Chlorodibromomethane	U		0.0180	0.100	1	05/30/2024 02:25	WG2295127
Chloroethane	U	J4	0.0432	0.200	1	05/30/2024 02:25	WG2295127
Chloroform	U		0.0166	0.100	1	05/30/2024 02:25	WG2295127
Chloromethane	U		0.0556	0.500	1	05/30/2024 02:25	WG2295127
2-Chlorotoluene	U		0.0368	0.100	1	05/30/2024 02:25	WG2295127
4-Chlorotoluene	U		0.0452	0.200	1	05/30/2024 02:25	WG2295127
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/30/2024 02:25	WG2295127
1,2-Dibromoethane	U		0.0210	0.100	1	05/30/2024 02:25	WG2295127
Dibromomethane	U		0.0400	0.200	1	05/30/2024 02:25	WG2295127
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/30/2024 02:25	WG2295127
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/30/2024 02:25	WG2295127
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/30/2024 02:25	WG2295127
Dichlorodifluoromethane	U		0.0327	0.200	1	05/30/2024 02:25	WG2295127
1,1-Dichloroethane	U		0.0230	0.100	1	05/30/2024 02:25	WG2295127
1,2-Dichloroethane	U		0.0190	0.100	1	05/30/2024 02:25	WG2295127
1,1-Dichloroethene	U		0.0200	0.100	1	05/30/2024 02:25	WG2295127
cis-1,2-Dichloroethene	U		0.0276	0.100	1	05/30/2024 02:25	WG2295127
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/30/2024 02:25	WG2295127
1,2-Dichloropropane	U		0.0508	0.200	1	05/30/2024 02:25	WG2295127

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloropropene	U		0.0280	0.100	1	05/30/2024 02:25	WG2295127
1,3-Dichloropropane	U		0.0700	0.200	1	05/30/2024 02:25	WG2295127
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/30/2024 02:25	WG2295127
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/30/2024 02:25	WG2295127
2,2-Dichloropropane	U		0.0317	0.100	1	05/30/2024 02:25	WG2295127
Di-isopropyl ether	U		0.0140	0.0400	1	05/30/2024 02:25	WG2295127
Ethylbenzene	U		0.0212	0.100	1	05/30/2024 02:25	WG2295127
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/30/2024 02:25	WG2295127
Isopropylbenzene	U		0.0345	0.100	1	05/30/2024 02:25	WG2295127
p-Isopropyltoluene	U		0.0932	0.200	1	05/30/2024 02:25	WG2295127
2-Butanone (MEK)	U		0.500	1.00	1	05/30/2024 02:25	WG2295127
Methylene Chloride	U		0.265	1.00	1	05/30/2024 02:25	WG2295127
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/30/2024 02:25	WG2295127
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/30/2024 02:25	WG2295127
Naphthalene	U		0.124	0.500	1	05/30/2024 02:25	WG2295127
n-Propylbenzene	U		0.0472	0.200	1	05/30/2024 02:25	WG2295127
Styrene	U		0.109	0.500	1	05/30/2024 02:25	WG2295127
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/30/2024 02:25	WG2295127
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/30/2024 02:25	WG2295127
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/30/2024 02:25	WG2295127
Tetrachloroethene	U		0.0280	0.100	1	05/30/2024 02:25	WG2295127
Toluene	0.0610	J	0.0500	0.200	1	05/30/2024 02:25	WG2295127
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	05/30/2024 02:25	WG2295127
1,2,4-Trichlorobenzene	U		0.193	0.500	1	05/30/2024 02:25	WG2295127
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/30/2024 02:25	WG2295127
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/30/2024 02:25	WG2295127
Trichloroethene	U		0.0160	0.0400	1	05/30/2024 02:25	WG2295127
Trichlorofluoromethane	U		0.0200	0.100	1	05/30/2024 02:25	WG2295127
1,2,3-Trichloropropane	U		0.204	0.500	1	05/30/2024 02:25	WG2295127
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/30/2024 02:25	WG2295127
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/30/2024 02:25	WG2295127
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/30/2024 02:25	WG2295127
Vinyl chloride	U		0.0273	0.100	1	05/30/2024 02:25	WG2295127
Xylenes, Total	U		0.191	0.260	1	05/30/2024 02:25	WG2295127
Ethyl Ether	U		0.0170	0.100	1	05/30/2024 02:25	WG2295127
Tetrahydrofuran	U	J4	0.0900	0.500	1	05/30/2024 02:25	WG2295127
Iodomethane	U		0.242	0.500	1	05/30/2024 02:25	WG2295127
Allyl chloride	U		0.580	1.00	1	05/30/2024 02:25	WG2295127
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/30/2024 02:25	WG2295127
(S) Toluene-d8	97.5			75.0-131		05/30/2024 02:25	WG2295127
(S) 4-Bromofluorobenzene	105			67.0-138		05/30/2024 02:25	WG2295127
(S) 1,2-Dichloroethane-d4	92.1			70.0-130		05/30/2024 02:25	WG2295127

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 date / time	Batch
Sulfate	4420	J	594	5000	1	06/09/2024 10:27	WG2299419

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	5370		102	1000	1	06/10/2024 04:11	WG2300561

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	3670		28.1	100	1	06/02/2024 21:03	WG2295554
Manganese	1560		0.704	5.00	1	06/02/2024 21:03	WG2295554

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	11200		2.87	6.78	10	05/31/2024 15:50	WG2296404
Ethane	74.5		0.296	1.29	1	05/31/2024 09:54	WG2294780
Ethene	2.78		0.422	1.27	1	05/31/2024 09:54	WG2294780

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	21.5		0.548	1.00	1	05/30/2024 02:48	WG2295127
Acrylonitrile	U		0.0760	0.500	1	05/30/2024 02:48	WG2295127
Benzene	U		0.0160	0.0400	1	05/30/2024 02:48	WG2295127
Bromobenzene	U		0.0420	0.500	1	05/30/2024 02:48	WG2295127
Bromodichloromethane	U		0.0315	0.100	1	05/30/2024 02:48	WG2295127
Bromoform	U		0.239	1.00	1	05/30/2024 02:48	WG2295127
Bromomethane	U		0.148	0.500	1	05/30/2024 02:48	WG2295127
n-Butylbenzene	U		0.153	0.500	1	05/30/2024 02:48	WG2295127
sec-Butylbenzene	U		0.101	0.500	1	05/30/2024 02:48	WG2295127
tert-Butylbenzene	U		0.0620	0.200	1	05/30/2024 02:48	WG2295127
Carbon tetrachloride	U		0.0432	0.200	1	05/30/2024 02:48	WG2295127
Chlorobenzene	U		0.0229	0.100	1	05/30/2024 02:48	WG2295127
Chlorodibromomethane	U		0.0180	0.100	1	05/30/2024 02:48	WG2295127
Chloroethane	U	J4	0.0432	0.200	1	05/30/2024 02:48	WG2295127
Chloroform	U		0.0166	0.100	1	05/30/2024 02:48	WG2295127
Chloromethane	U		0.0556	0.500	1	05/30/2024 02:48	WG2295127
2-Chlorotoluene	U		0.0368	0.100	1	05/30/2024 02:48	WG2295127
4-Chlorotoluene	U		0.0452	0.200	1	05/30/2024 02:48	WG2295127
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/30/2024 02:48	WG2295127
1,2-Dibromoethane	U		0.0210	0.100	1	05/30/2024 02:48	WG2295127
Dibromomethane	U		0.0400	0.200	1	05/30/2024 02:48	WG2295127
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/30/2024 02:48	WG2295127
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/30/2024 02:48	WG2295127
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/30/2024 02:48	WG2295127
Dichlorodifluoromethane	U		0.0327	0.200	1	05/30/2024 02:48	WG2295127
1,1-Dichloroethane	U		0.0230	0.100	1	05/30/2024 02:48	WG2295127
1,2-Dichloroethane	U		0.0190	0.100	1	05/30/2024 02:48	WG2295127
1,1-Dichloroethene	U		0.0200	0.100	1	05/30/2024 02:48	WG2295127
cis-1,2-Dichloroethene	0.120		0.0276	0.100	1	05/30/2024 02:48	WG2295127
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/30/2024 02:48	WG2295127
1,2-Dichloropropane	U		0.0508	0.200	1	05/30/2024 02:48	WG2295127

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloropropene	U		0.0280	0.100	1	05/30/2024 02:48	WG2295127
1,3-Dichloropropane	U		0.0700	0.200	1	05/30/2024 02:48	WG2295127
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/30/2024 02:48	WG2295127
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/30/2024 02:48	WG2295127
2,2-Dichloropropane	U		0.0317	0.100	1	05/30/2024 02:48	WG2295127
Di-isopropyl ether	U		0.0140	0.0400	1	05/30/2024 02:48	WG2295127
Ethylbenzene	U		0.0212	0.100	1	05/30/2024 02:48	WG2295127
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/30/2024 02:48	WG2295127
Isopropylbenzene	U		0.0345	0.100	1	05/30/2024 02:48	WG2295127
p-Isopropyltoluene	U		0.0932	0.200	1	05/30/2024 02:48	WG2295127
2-Butanone (MEK)	U		0.500	1.00	1	05/30/2024 02:48	WG2295127
Methylene Chloride	U		0.265	1.00	1	05/30/2024 02:48	WG2295127
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/30/2024 02:48	WG2295127
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/30/2024 02:48	WG2295127
Naphthalene	U		0.124	0.500	1	05/30/2024 02:48	WG2295127
n-Propylbenzene	U		0.0472	0.200	1	05/30/2024 02:48	WG2295127
Styrene	U		0.109	0.500	1	05/30/2024 02:48	WG2295127
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/30/2024 02:48	WG2295127
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/30/2024 02:48	WG2295127
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/30/2024 02:48	WG2295127
Tetrachloroethene	U		0.0280	0.100	1	05/30/2024 02:48	WG2295127
Toluene	U		0.0500	0.200	1	05/30/2024 02:48	WG2295127
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	05/30/2024 02:48	WG2295127
1,2,4-Trichlorobenzene	U		0.193	0.500	1	05/30/2024 02:48	WG2295127
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/30/2024 02:48	WG2295127
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/30/2024 02:48	WG2295127
Trichloroethene	0.0720		0.0160	0.0400	1	05/30/2024 02:48	WG2295127
Trichlorofluoromethane	U		0.0200	0.100	1	05/30/2024 02:48	WG2295127
1,2,3-Trichloropropane	U		0.204	0.500	1	05/30/2024 02:48	WG2295127
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/30/2024 02:48	WG2295127
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/30/2024 02:48	WG2295127
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/30/2024 02:48	WG2295127
Vinyl chloride	0.134	C5	0.0273	0.100	1	05/30/2024 02:48	WG2295127
Xylenes, Total	U		0.191	0.260	1	05/30/2024 02:48	WG2295127
Ethyl Ether	U		0.0170	0.100	1	05/30/2024 02:48	WG2295127
Tetrahydrofuran	0.267	J J4	0.0900	0.500	1	05/30/2024 02:48	WG2295127
Iodomethane	U		0.242	0.500	1	05/30/2024 02:48	WG2295127
Allyl chloride	U		0.580	1.00	1	05/30/2024 02:48	WG2295127
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/30/2024 02:48	WG2295127
(S) Toluene-d8	91.8			75.0-131		05/30/2024 02:48	WG2295127
(S) 4-Bromofluorobenzene	104			67.0-138		05/30/2024 02:48	WG2295127
(S) 1,2-Dichloroethane-d4	97.5			70.0-130		05/30/2024 02:48	WG2295127

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

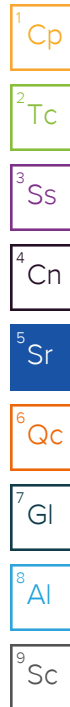
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	0.707	B J	0.548	1.00	1	05/30/2024 03:09	WG2295127
Acrylonitrile	U		0.0760	0.500	1	05/30/2024 03:09	WG2295127
Benzene	U		0.0160	0.0400	1	05/30/2024 03:09	WG2295127
Bromobenzene	U		0.0420	0.500	1	05/30/2024 03:09	WG2295127
Bromodichloromethane	U		0.0315	0.100	1	05/30/2024 03:09	WG2295127
Bromoform	U		0.239	1.00	1	05/30/2024 03:09	WG2295127
Bromomethane	U		0.148	0.500	1	05/30/2024 03:09	WG2295127
n-Butylbenzene	U		0.153	0.500	1	05/30/2024 03:09	WG2295127
sec-Butylbenzene	U		0.101	0.500	1	05/30/2024 03:09	WG2295127
tert-Butylbenzene	U		0.0620	0.200	1	05/30/2024 03:09	WG2295127
Carbon tetrachloride	U		0.0432	0.200	1	05/30/2024 03:09	WG2295127
Chlorobenzene	U		0.0229	0.100	1	05/30/2024 03:09	WG2295127
Chlorodibromomethane	U		0.0180	0.100	1	05/30/2024 03:09	WG2295127
Chloroethane	U	J4	0.0432	0.200	1	05/30/2024 03:09	WG2295127
Chloroform	U		0.0166	0.100	1	05/30/2024 03:09	WG2295127
Chloromethane	U		0.0556	0.500	1	05/30/2024 03:09	WG2295127
2-Chlorotoluene	U		0.0368	0.100	1	05/30/2024 03:09	WG2295127
4-Chlorotoluene	U		0.0452	0.200	1	05/30/2024 03:09	WG2295127
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	05/30/2024 03:09	WG2295127
1,2-Dibromoethane	U		0.0210	0.100	1	05/30/2024 03:09	WG2295127
Dibromomethane	U		0.0400	0.200	1	05/30/2024 03:09	WG2295127
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/30/2024 03:09	WG2295127
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/30/2024 03:09	WG2295127
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/30/2024 03:09	WG2295127
Dichlorodifluoromethane	U		0.0327	0.200	1	05/30/2024 03:09	WG2295127
1,1-Dichloroethane	U		0.0230	0.100	1	05/30/2024 03:09	WG2295127
1,2-Dichloroethane	U		0.0190	0.100	1	05/30/2024 03:09	WG2295127
1,1-Dichloroethene	U		0.0200	0.100	1	05/30/2024 03:09	WG2295127
cis-1,2-Dichloroethene	0.275		0.0276	0.100	1	05/30/2024 03:09	WG2295127
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/30/2024 03:09	WG2295127
1,2-Dichloropropane	U		0.0508	0.200	1	05/30/2024 03:09	WG2295127
1,1-Dichloropropene	U		0.0280	0.100	1	05/30/2024 03:09	WG2295127
1,3-Dichloropropane	U		0.0700	0.200	1	05/30/2024 03:09	WG2295127
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/30/2024 03:09	WG2295127
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/30/2024 03:09	WG2295127
2,2-Dichloropropane	U		0.0317	0.100	1	05/30/2024 03:09	WG2295127
Di-isopropyl ether	U		0.0140	0.0400	1	05/30/2024 03:09	WG2295127
Ethylbenzene	0.0450	J	0.0212	0.100	1	05/30/2024 03:09	WG2295127
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/30/2024 03:09	WG2295127
Isopropylbenzene	U		0.0345	0.100	1	05/30/2024 03:09	WG2295127
p-Isopropyltoluene	U		0.0932	0.200	1	05/30/2024 03:09	WG2295127
2-Butanone (MEK)	U		0.500	1.00	1	05/30/2024 03:09	WG2295127
Methylene Chloride	U		0.265	1.00	1	05/30/2024 03:09	WG2295127
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/30/2024 03:09	WG2295127
Methyl tert-butyl ether	U		0.0118	0.0400	1	05/30/2024 03:09	WG2295127
Naphthalene	U		0.124	0.500	1	05/30/2024 03:09	WG2295127
n-Propylbenzene	U		0.0472	0.200	1	05/30/2024 03:09	WG2295127
Styrene	U		0.109	0.500	1	05/30/2024 03:09	WG2295127
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/30/2024 03:09	WG2295127
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/30/2024 03:09	WG2295127
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/30/2024 03:09	WG2295127
Tetrachloroethene	U		0.0280	0.100	1	05/30/2024 03:09	WG2295127
Toluene	0.121	J	0.0500	0.200	1	05/30/2024 03:09	WG2295127
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	05/30/2024 03:09	WG2295127
1,2,4-Trichlorobenzene	U		0.193	0.500	1	05/30/2024 03:09	WG2295127
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/30/2024 03:09	WG2295127



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/30/2024 03:09	WG2295127
Trichloroethene	0.0410		0.0160	0.0400	1	05/30/2024 03:09	WG2295127
Trichlorofluoromethane	U		0.0200	0.100	1	05/30/2024 03:09	WG2295127
1,2,3-Trichloropropane	U		0.204	0.500	1	05/30/2024 03:09	WG2295127
1,2,4-Trimethylbenzene	0.0940	J	0.0464	0.200	1	05/30/2024 03:09	WG2295127
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	05/30/2024 03:09	WG2295127
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/30/2024 03:09	WG2295127
Vinyl chloride	U		0.0273	0.100	1	05/30/2024 03:09	WG2295127
Xylenes, Total	0.316		0.191	0.260	1	05/30/2024 03:09	WG2295127
Ethyl Ether	U		0.0170	0.100	1	05/30/2024 03:09	WG2295127
Tetrahydrofuran	U	J4	0.0900	0.500	1	05/30/2024 03:09	WG2295127
Iodomethane	U		0.242	0.500	1	05/30/2024 03:09	WG2295127
Allyl chloride	U		0.580	1.00	1	05/30/2024 03:09	WG2295127
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	05/30/2024 03:09	WG2295127
(S) Toluene-d8	95.3			75.0-131		05/30/2024 03:09	WG2295127
(S) 4-Bromofluorobenzene	101			67.0-138		05/30/2024 03:09	WG2295127
(S) 1,2-Dichloroethane-d4	93.3			70.0-130		05/30/2024 03:09	WG2295127

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

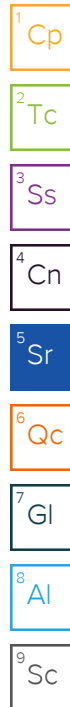
7Gl

8Al

9Sc

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	C3	0.548	1.00	1	06/03/2024 19:42	WG2297632
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 19:42	WG2297632
Benzene	0.0270	J	0.0160	0.0400	1	06/03/2024 19:42	WG2297632
Bromobenzene	U		0.0420	0.500	1	06/03/2024 19:42	WG2297632
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 19:42	WG2297632
Bromoform	U		0.239	1.00	1	06/03/2024 19:42	WG2297632
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 19:42	WG2297632
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 19:42	WG2297632
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 19:42	WG2297632
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 19:42	WG2297632
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 19:42	WG2297632
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 19:42	WG2297632
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 19:42	WG2297632
Chloroethane	U		0.0432	0.200	1	06/03/2024 19:42	WG2297632
Chloroform	U		0.0166	0.100	1	06/03/2024 19:42	WG2297632
Chloromethane	U		0.0556	0.500	1	06/03/2024 19:42	WG2297632
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 19:42	WG2297632
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 19:42	WG2297632
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/03/2024 19:42	WG2297632
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 19:42	WG2297632
Dibromomethane	U		0.0400	0.200	1	06/03/2024 19:42	WG2297632
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 19:42	WG2297632
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 19:42	WG2297632
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 19:42	WG2297632
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 19:42	WG2297632
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 19:42	WG2297632
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 19:42	WG2297632
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 19:42	WG2297632
cis-1,2-Dichloroethene	1.26		0.0276	0.100	1	06/03/2024 19:42	WG2297632
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 19:42	WG2297632
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 19:42	WG2297632
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 19:42	WG2297632
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 19:42	WG2297632
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 19:42	WG2297632
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 19:42	WG2297632
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 19:42	WG2297632
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 19:42	WG2297632
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 19:42	WG2297632
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 19:42	WG2297632
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 19:42	WG2297632
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 19:42	WG2297632
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 19:42	WG2297632
Methylene Chloride	U		0.265	1.00	1	06/03/2024 19:42	WG2297632
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 19:42	WG2297632
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 19:42	WG2297632
Naphthalene	U		0.124	0.500	1	06/03/2024 19:42	WG2297632
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 19:42	WG2297632
Styrene	U		0.109	0.500	1	06/03/2024 19:42	WG2297632
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 19:42	WG2297632
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 19:42	WG2297632
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 19:42	WG2297632
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 19:42	WG2297632
Toluene	U		0.0500	0.200	1	06/03/2024 19:42	WG2297632
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 19:42	WG2297632
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 19:42	WG2297632
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 19:42	WG2297632



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 19:42	WG2297632
Trichloroethene	0.0450		0.0160	0.0400	1	06/03/2024 19:42	WG2297632
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 19:42	WG2297632
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 19:42	WG2297632
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 19:42	WG2297632
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 19:42	WG2297632
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 19:42	WG2297632
Vinyl chloride	7.98		0.0273	0.100	1	06/03/2024 19:42	WG2297632
Xylenes, Total	U		0.191	0.260	1	06/03/2024 19:42	WG2297632
Ethyl Ether	U		0.0170	0.100	1	06/03/2024 19:42	WG2297632
Tetrahydrofuran	U	C3 J3 J4	0.0900	0.500	1	06/03/2024 19:42	WG2297632
Iodomethane	U		0.242	0.500	1	06/03/2024 19:42	WG2297632
Allyl chloride	U		0.580	1.00	1	06/03/2024 19:42	WG2297632
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	06/03/2024 19:42	WG2297632
(S) Toluene-d8	94.6			75.0-131		06/03/2024 19:42	WG2297632
(S) 4-Bromofluorobenzene	103			67.0-138		06/03/2024 19:42	WG2297632
(S) 1,2-Dichloroethane-d4	91.8			70.0-130		06/03/2024 19:42	WG2297632

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

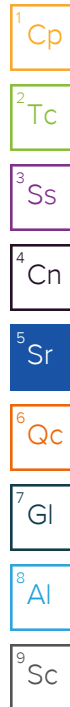
7Gl

8Al

9Sc

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	C3	0.548	1.00	1	06/03/2024 20:04	WG2297632
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 20:04	WG2297632
Benzene	U		0.0160	0.0400	1	06/03/2024 20:04	WG2297632
Bromobenzene	U		0.0420	0.500	1	06/03/2024 20:04	WG2297632
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 20:04	WG2297632
Bromoform	U		0.239	1.00	1	06/03/2024 20:04	WG2297632
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 20:04	WG2297632
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 20:04	WG2297632
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 20:04	WG2297632
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 20:04	WG2297632
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 20:04	WG2297632
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 20:04	WG2297632
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 20:04	WG2297632
Chloroethane	U		0.0432	0.200	1	06/03/2024 20:04	WG2297632
Chloroform	U		0.0166	0.100	1	06/03/2024 20:04	WG2297632
Chloromethane	U		0.0556	0.500	1	06/03/2024 20:04	WG2297632
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 20:04	WG2297632
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 20:04	WG2297632
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/03/2024 20:04	WG2297632
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 20:04	WG2297632
Dibromomethane	U		0.0400	0.200	1	06/03/2024 20:04	WG2297632
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 20:04	WG2297632
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 20:04	WG2297632
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 20:04	WG2297632
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 20:04	WG2297632
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 20:04	WG2297632
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 20:04	WG2297632
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 20:04	WG2297632
cis-1,2-Dichloroethene	7.88		0.0276	0.100	1	06/03/2024 20:04	WG2297632
trans-1,2-Dichloroethene	0.175	J	0.0572	0.200	1	06/03/2024 20:04	WG2297632
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 20:04	WG2297632
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 20:04	WG2297632
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 20:04	WG2297632
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 20:04	WG2297632
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 20:04	WG2297632
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 20:04	WG2297632
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 20:04	WG2297632
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 20:04	WG2297632
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 20:04	WG2297632
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 20:04	WG2297632
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 20:04	WG2297632
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 20:04	WG2297632
Methylene Chloride	U		0.265	1.00	1	06/03/2024 20:04	WG2297632
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 20:04	WG2297632
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 20:04	WG2297632
Naphthalene	U		0.124	0.500	1	06/03/2024 20:04	WG2297632
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 20:04	WG2297632
Styrene	U		0.109	0.500	1	06/03/2024 20:04	WG2297632
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 20:04	WG2297632
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 20:04	WG2297632
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 20:04	WG2297632
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 20:04	WG2297632
Toluene	U		0.0500	0.200	1	06/03/2024 20:04	WG2297632
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 20:04	WG2297632
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 20:04	WG2297632
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 20:04	WG2297632



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 20:04	WG2297632
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 20:04	WG2297632
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 20:04	WG2297632
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 20:04	WG2297632
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 20:04	WG2297632
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 20:04	WG2297632
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 20:04	WG2297632
Vinyl chloride	0.215		0.0273	0.100	1	06/03/2024 20:04	WG2297632
Xylenes, Total	U		0.191	0.260	1	06/03/2024 20:04	WG2297632
Ethyl Ether	U		0.0170	0.100	1	06/03/2024 20:04	WG2297632
Tetrahydrofuran	U	C3 J3 J4	0.0900	0.500	1	06/03/2024 20:04	WG2297632
Iodomethane	U		0.242	0.500	1	06/03/2024 20:04	WG2297632
Allyl chloride	U		0.580	1.00	1	06/03/2024 20:04	WG2297632
Trans-1,4-Dichloro-2-butene	U	J3	0.0560	0.200	1	06/03/2024 20:04	WG2297632
(S) Toluene-d8	92.8			75.0-131		06/03/2024 20:04	WG2297632
(S) 4-Bromofluorobenzene	100			67.0-138		06/03/2024 20:04	WG2297632
(S) 1,2-Dichloroethane-d4	93.7			70.0-130		06/03/2024 20:04	WG2297632

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

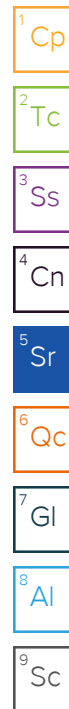
7Gl

8Al

9Sc

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	05/30/2024 23:11	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/30/2024 23:11	WG2295881
Benzene	U		0.0160	0.0400	1	05/30/2024 23:11	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/30/2024 23:11	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/30/2024 23:11	WG2295881
Bromoform	U		0.239	1.00	1	05/30/2024 23:11	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/30/2024 23:11	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/30/2024 23:11	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/30/2024 23:11	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/30/2024 23:11	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/30/2024 23:11	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/30/2024 23:11	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/30/2024 23:11	WG2295881
Chloroethane	U		0.0432	0.200	1	05/30/2024 23:11	WG2295881
Chloroform	U		0.0166	0.100	1	05/30/2024 23:11	WG2295881
Chloromethane	U		0.0556	0.500	1	05/30/2024 23:11	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/30/2024 23:11	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/30/2024 23:11	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/30/2024 23:11	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/30/2024 23:11	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/30/2024 23:11	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/30/2024 23:11	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/30/2024 23:11	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/30/2024 23:11	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/30/2024 23:11	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/30/2024 23:11	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/30/2024 23:11	WG2295881
1,1-Dichloroethene	U		0.0200	0.100	1	05/30/2024 23:11	WG2295881
cis-1,2-Dichloroethene	9.06		0.0276	0.100	1	06/02/2024 21:58	WG2296758
trans-1,2-Dichloroethene	0.0900	J	0.0572	0.200	1	05/30/2024 23:11	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/30/2024 23:11	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/30/2024 23:11	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/30/2024 23:11	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/30/2024 23:11	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/30/2024 23:11	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/30/2024 23:11	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/30/2024 23:11	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/30/2024 23:11	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/30/2024 23:11	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/30/2024 23:11	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/30/2024 23:11	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/30/2024 23:11	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/30/2024 23:11	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/30/2024 23:11	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/30/2024 23:11	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/30/2024 23:11	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/30/2024 23:11	WG2295881
Styrene	U		0.109	0.500	1	05/30/2024 23:11	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/30/2024 23:11	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/30/2024 23:11	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/30/2024 23:11	WG2295881
Tetrachloroethene	0.0390	J	0.0280	0.100	1	06/02/2024 21:58	WG2296758
Toluene	0.0800	J	0.0500	0.200	1	05/30/2024 23:11	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/30/2024 23:11	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/30/2024 23:11	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/30/2024 23:11	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/30/2024 23:11	WG2295881
Trichloroethene	0.802		0.0160	0.0400	1	06/02/2024 21:58	WG2296758
Trichlorofluoromethane	U		0.0200	0.100	1	05/30/2024 23:11	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/30/2024 23:11	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/30/2024 23:11	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/30/2024 23:11	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/30/2024 23:11	WG2295881
Vinyl chloride	0.691	C3	0.0273	0.100	1	05/30/2024 23:11	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/30/2024 23:11	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/30/2024 23:11	WG2295881
Tetrahydrofuran	0.224	C3 J	0.0900	0.500	1	05/30/2024 23:11	WG2295881
Iodomethane	U		0.242	0.500	1	05/30/2024 23:11	WG2295881
Allyl chloride	U		0.580	1.00	1	05/30/2024 23:11	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/30/2024 23:11	WG2295881
(S) Toluene-d8	105			75.0-131		05/30/2024 23:11	WG2295881
(S) Toluene-d8	100			75.0-131		06/02/2024 21:58	WG2296758
(S) 4-Bromofluorobenzene	97.3			67.0-138		05/30/2024 23:11	WG2295881
(S) 4-Bromofluorobenzene	97.2			67.0-138		06/02/2024 21:58	WG2296758
(S) 1,2-Dichloroethane-d4	93.8			70.0-130		05/30/2024 23:11	WG2295881
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/02/2024 21:58	WG2296758

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

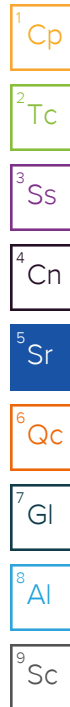
7Gl

8Al

9Sc

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	05/30/2024 22:30	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/30/2024 22:30	WG2295881
Benzene	0.0590		0.0160	0.0400	1	05/30/2024 22:30	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/30/2024 22:30	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/30/2024 22:30	WG2295881
Bromoform	U		0.239	1.00	1	05/30/2024 22:30	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/30/2024 22:30	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/30/2024 22:30	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/30/2024 22:30	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/30/2024 22:30	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/30/2024 22:30	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/30/2024 22:30	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/30/2024 22:30	WG2295881
Chloroethane	U		0.0432	0.200	1	05/30/2024 22:30	WG2295881
Chloroform	U		0.0166	0.100	1	05/30/2024 22:30	WG2295881
Chloromethane	U		0.0556	0.500	1	05/30/2024 22:30	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/30/2024 22:30	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/30/2024 22:30	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/30/2024 22:30	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/30/2024 22:30	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/30/2024 22:30	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/30/2024 22:30	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/30/2024 22:30	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/30/2024 22:30	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/30/2024 22:30	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/30/2024 22:30	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/30/2024 22:30	WG2295881
1,1-Dichloroethene	2.04		0.0200	0.100	1	05/30/2024 22:30	WG2295881
cis-1,2-Dichloroethene	696		0.552	2.00	20	06/02/2024 22:17	WG2296758
trans-1,2-Dichloroethene	3.19		0.0572	0.200	1	05/30/2024 22:30	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/30/2024 22:30	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/30/2024 22:30	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/30/2024 22:30	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/30/2024 22:30	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/30/2024 22:30	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/30/2024 22:30	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/30/2024 22:30	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/30/2024 22:30	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/30/2024 22:30	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/30/2024 22:30	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/30/2024 22:30	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/30/2024 22:30	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/30/2024 22:30	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/30/2024 22:30	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/30/2024 22:30	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/30/2024 22:30	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/30/2024 22:30	WG2295881
Styrene	U		0.109	0.500	1	05/30/2024 22:30	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/30/2024 22:30	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/30/2024 22:30	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/30/2024 22:30	WG2295881
Tetrachloroethene	115		0.560	2.00	20	06/02/2024 22:17	WG2296758
Toluene	0.0740	J	0.0500	0.200	1	05/30/2024 22:30	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/30/2024 22:30	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/30/2024 22:30	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/30/2024 22:30	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/30/2024 22:30	WG2295881
Trichloroethene	137		0.320	0.800	20	06/02/2024 22:17	WG2296758
Trichlorofluoromethane	U		0.0200	0.100	1	05/30/2024 22:30	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/30/2024 22:30	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/30/2024 22:30	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/30/2024 22:30	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/30/2024 22:30	WG2295881
Vinyl chloride	0.409	C3	0.0273	0.100	1	05/30/2024 22:30	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/30/2024 22:30	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/30/2024 22:30	WG2295881
Tetrahydrofuran	U		1.80	10.0	20	06/02/2024 22:17	WG2296758
Iodomethane	U		0.242	0.500	1	05/30/2024 22:30	WG2295881
Allyl chloride	U		0.580	1.00	1	05/30/2024 22:30	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/30/2024 22:30	WG2295881
(S) Toluene-d8	105			75.0-131		05/30/2024 22:30	WG2295881
(S) Toluene-d8	98.9			75.0-131		06/02/2024 22:17	WG2296758
(S) 4-Bromofluorobenzene	97.9			67.0-138		05/30/2024 22:30	WG2295881
(S) 4-Bromofluorobenzene	101			67.0-138		06/02/2024 22:17	WG2296758
(S) 1,2-Dichloroethane-d4	91.3			70.0-130		05/30/2024 22:30	WG2295881
(S) 1,2-Dichloroethane-d4	96.6			70.0-130		06/02/2024 22:17	WG2296758

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

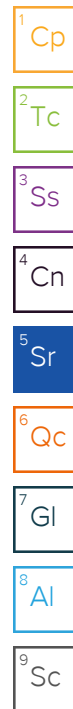
7Gl

8Al

9Sc

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	05/30/2024 23:30	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/30/2024 23:30	WG2295881
Benzene	2.56		0.0160	0.0400	1	05/30/2024 23:30	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/30/2024 23:30	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/30/2024 23:30	WG2295881
Bromoform	U		0.239	1.00	1	05/30/2024 23:30	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/30/2024 23:30	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/30/2024 23:30	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/30/2024 23:30	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/30/2024 23:30	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/30/2024 23:30	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/30/2024 23:30	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/30/2024 23:30	WG2295881
Chloroethane	U		0.0432	0.200	1	05/30/2024 23:30	WG2295881
Chloroform	U		0.0166	0.100	1	05/30/2024 23:30	WG2295881
Chloromethane	U		0.0556	0.500	1	05/30/2024 23:30	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/30/2024 23:30	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/30/2024 23:30	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/30/2024 23:30	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/30/2024 23:30	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/30/2024 23:30	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/30/2024 23:30	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/30/2024 23:30	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/30/2024 23:30	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/30/2024 23:30	WG2295881
1,1-Dichloroethane	0.0260	J	0.0230	0.100	1	05/30/2024 23:30	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/30/2024 23:30	WG2295881
1,1-Dichloroethene	1.23		0.0200	0.100	1	05/30/2024 23:30	WG2295881
cis-1,2-Dichloroethene	602		0.552	2.00	20	06/02/2024 22:37	WG2296758
trans-1,2-Dichloroethene	2.79		0.0572	0.200	1	05/30/2024 23:30	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/30/2024 23:30	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/30/2024 23:30	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/30/2024 23:30	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/30/2024 23:30	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/30/2024 23:30	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/30/2024 23:30	WG2295881
Di-isopropyl ether	0.0430		0.0140	0.0400	1	05/30/2024 23:30	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/30/2024 23:30	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/30/2024 23:30	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/30/2024 23:30	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/30/2024 23:30	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/30/2024 23:30	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/30/2024 23:30	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/30/2024 23:30	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/30/2024 23:30	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/30/2024 23:30	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/30/2024 23:30	WG2295881
Styrene	U		0.109	0.500	1	05/30/2024 23:30	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/30/2024 23:30	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/30/2024 23:30	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/30/2024 23:30	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/30/2024 23:30	WG2295881
Toluene	0.0870	J	0.0500	0.200	1	05/30/2024 23:30	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/30/2024 23:30	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/30/2024 23:30	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/30/2024 23:30	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/30/2024 23:30	WG2295881
Trichloroethene	0.359		0.0160	0.0400	1	05/30/2024 23:30	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/30/2024 23:30	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/30/2024 23:30	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/30/2024 23:30	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/30/2024 23:30	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/30/2024 23:30	WG2295881
Vinyl chloride	62.7	C3	0.0273	0.100	1	05/30/2024 23:30	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/30/2024 23:30	WG2295881
Ethyl Ether	0.243		0.0170	0.100	1	05/30/2024 23:30	WG2295881
Tetrahydrofuran	0.597	C3	0.0900	0.500	1	05/30/2024 23:30	WG2295881
Iodomethane	U		0.242	0.500	1	05/30/2024 23:30	WG2295881
Allyl chloride	U		0.580	1.00	1	05/30/2024 23:30	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/30/2024 23:30	WG2295881
(S) Toluene-d8	104			75.0-131		05/30/2024 23:30	WG2295881
(S) Toluene-d8	98.3			75.0-131		06/02/2024 22:37	WG2296758
(S) 4-Bromofluorobenzene	98.9			67.0-138		05/30/2024 23:30	WG2295881
(S) 4-Bromofluorobenzene	103			67.0-138		06/02/2024 22:37	WG2296758
(S) 1,2-Dichloroethane-d4	92.1			70.0-130		05/30/2024 23:30	WG2295881
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/02/2024 22:37	WG2296758

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

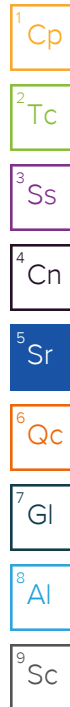
7Gl

8Al

9Sc

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	05/30/2024 23:49	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/30/2024 23:49	WG2295881
Benzene	0.0450		0.0160	0.0400	1	05/30/2024 23:49	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/30/2024 23:49	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/30/2024 23:49	WG2295881
Bromoform	U		0.239	1.00	1	05/30/2024 23:49	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/30/2024 23:49	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/30/2024 23:49	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/30/2024 23:49	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/30/2024 23:49	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/30/2024 23:49	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/30/2024 23:49	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/30/2024 23:49	WG2295881
Chloroethane	U		0.0432	0.200	1	05/30/2024 23:49	WG2295881
Chloroform	U		0.0166	0.100	1	05/30/2024 23:49	WG2295881
Chloromethane	U		0.0556	0.500	1	05/30/2024 23:49	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/30/2024 23:49	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/30/2024 23:49	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/30/2024 23:49	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/30/2024 23:49	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/30/2024 23:49	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/30/2024 23:49	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/30/2024 23:49	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/30/2024 23:49	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/30/2024 23:49	WG2295881
1,1-Dichloroethane	0.116		0.0230	0.100	1	05/30/2024 23:49	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/30/2024 23:49	WG2295881
1,1-Dichloroethene	2.68		0.0200	0.100	1	05/30/2024 23:49	WG2295881
cis-1,2-Dichloroethene	547		0.552	2.00	20	06/02/2024 22:56	WG2296758
trans-1,2-Dichloroethene	0.671		0.0572	0.200	1	05/30/2024 23:49	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/30/2024 23:49	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/30/2024 23:49	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/30/2024 23:49	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/30/2024 23:49	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/30/2024 23:49	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/30/2024 23:49	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/30/2024 23:49	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/30/2024 23:49	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/30/2024 23:49	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/30/2024 23:49	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/30/2024 23:49	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/30/2024 23:49	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/30/2024 23:49	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/30/2024 23:49	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/30/2024 23:49	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/30/2024 23:49	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/30/2024 23:49	WG2295881
Styrene	U		0.109	0.500	1	05/30/2024 23:49	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/30/2024 23:49	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/30/2024 23:49	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/30/2024 23:49	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/30/2024 23:49	WG2295881
Toluene	0.0800	J	0.0500	0.200	1	05/30/2024 23:49	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/30/2024 23:49	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/30/2024 23:49	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/30/2024 23:49	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/30/2024 23:49	WG2295881
Trichloroethene	0.0700		0.0160	0.0400	1	05/30/2024 23:49	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/30/2024 23:49	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/30/2024 23:49	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/30/2024 23:49	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/30/2024 23:49	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/30/2024 23:49	WG2295881
Vinyl chloride	62.5	C3	0.0273	0.100	1	05/30/2024 23:49	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/30/2024 23:49	WG2295881
Ethyl Ether	0.0700	J	0.0170	0.100	1	05/30/2024 23:49	WG2295881
Tetrahydrofuran	U	C3	0.0900	0.500	1	05/30/2024 23:49	WG2295881
Iodomethane	U		0.242	0.500	1	05/30/2024 23:49	WG2295881
Allyl chloride	U		0.580	1.00	1	05/30/2024 23:49	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/30/2024 23:49	WG2295881
(S) Toluene-d8	105			75.0-131		05/30/2024 23:49	WG2295881
(S) Toluene-d8	103			75.0-131		06/02/2024 22:56	WG2296758
(S) 4-Bromofluorobenzene	96.4			67.0-138		05/30/2024 23:49	WG2295881
(S) 4-Bromofluorobenzene	96.8			67.0-138		06/02/2024 22:56	WG2296758
(S) 1,2-Dichloroethane-d4	92.3			70.0-130		05/30/2024 23:49	WG2295881
(S) 1,2-Dichloroethane-d4	98.6			70.0-130		06/02/2024 22:56	WG2296758

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

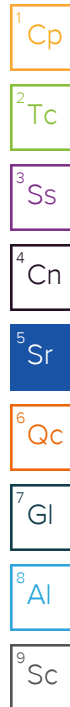
7Gl

8Al

9Sc

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	05/31/2024 00:08	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 00:08	WG2295881
Benzene	U		0.0160	0.0400	1	05/31/2024 00:08	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 00:08	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 00:08	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 00:08	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 00:08	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 00:08	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 00:08	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 00:08	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 00:08	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 00:08	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 00:08	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 00:08	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 00:08	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 00:08	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 00:08	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 00:08	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 00:08	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 00:08	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 00:08	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 00:08	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 00:08	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 00:08	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 00:08	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 00:08	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 00:08	WG2295881
1,1-Dichloroethene	0.945		0.0200	0.100	1	05/31/2024 00:08	WG2295881
cis-1,2-Dichloroethene	21.5		0.0276	0.100	1	06/02/2024 23:15	WG2296758
trans-1,2-Dichloroethene	0.223		0.0572	0.200	1	05/31/2024 00:08	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 00:08	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 00:08	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 00:08	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 00:08	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 00:08	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 00:08	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 00:08	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/31/2024 00:08	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 00:08	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 00:08	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 00:08	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 00:08	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 00:08	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 00:08	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 00:08	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 00:08	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 00:08	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 00:08	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 00:08	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 00:08	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 00:08	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/31/2024 00:08	WG2295881
Toluene	0.0900	J	0.0500	0.200	1	05/31/2024 00:08	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 00:08	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 00:08	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 00:08	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 00:08	WG2295881
Trichloroethene	3.13		0.0160	0.0400	1	05/31/2024 00:08	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 00:08	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 00:08	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/31/2024 00:08	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 00:08	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 00:08	WG2295881
Vinyl chloride	0.340	C3	0.0273	0.100	1	05/31/2024 00:08	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/31/2024 00:08	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 00:08	WG2295881
Tetrahydrofuran	U	C3	0.0900	0.500	1	05/31/2024 00:08	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 00:08	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 00:08	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 00:08	WG2295881
(S) Toluene-d8	102			75.0-131		05/31/2024 00:08	WG2295881
(S) Toluene-d8	100			75.0-131		06/02/2024 23:15	WG2296758
(S) 4-Bromofluorobenzene	98.0			67.0-138		05/31/2024 00:08	WG2295881
(S) 4-Bromofluorobenzene	102			67.0-138		06/02/2024 23:15	WG2296758
(S) 1,2-Dichloroethane-d4	93.8			70.0-130		05/31/2024 00:08	WG2295881
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/02/2024 23:15	WG2296758

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

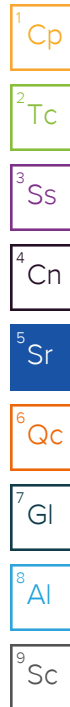
7Gl

8Al

9Sc

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	05/31/2024 00:27	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 00:27	WG2295881
Benzene	0.0510		0.0160	0.0400	1	05/31/2024 00:27	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 00:27	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 00:27	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 00:27	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 00:27	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 00:27	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 00:27	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 00:27	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 00:27	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 00:27	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 00:27	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 00:27	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 00:27	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 00:27	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 00:27	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 00:27	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 00:27	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 00:27	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 00:27	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 00:27	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 00:27	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 00:27	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 00:27	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 00:27	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 00:27	WG2295881
1,1-Dichloroethene	U		0.0200	0.100	1	05/31/2024 00:27	WG2295881
cis-1,2-Dichloroethene	2.29		0.0276	0.100	1	06/02/2024 23:34	WG2296758
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/31/2024 00:27	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 00:27	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 00:27	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 00:27	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 00:27	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 00:27	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 00:27	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 00:27	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/31/2024 00:27	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 00:27	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 00:27	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 00:27	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 00:27	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 00:27	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 00:27	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 00:27	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 00:27	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 00:27	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 00:27	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 00:27	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 00:27	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 00:27	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/31/2024 00:27	WG2295881
Toluene	0.119	J	0.0500	0.200	1	05/31/2024 00:27	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 00:27	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 00:27	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 00:27	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 00:27	WG2295881
Trichloroethene	0.120		0.0160	0.0400	1	05/31/2024 00:27	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 00:27	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 00:27	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/31/2024 00:27	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 00:27	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 00:27	WG2295881
Vinyl chloride	1.25	C3	0.0273	0.100	1	05/31/2024 00:27	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/31/2024 00:27	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 00:27	WG2295881
Tetrahydrofuran	0.601	C3	0.0900	0.500	1	05/31/2024 00:27	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 00:27	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 00:27	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 00:27	WG2295881
(S) Toluene-d8	103			75.0-131		05/31/2024 00:27	WG2295881
(S) Toluene-d8	97.7			75.0-131		06/02/2024 23:34	WG2296758
(S) 4-Bromofluorobenzene	96.3			67.0-138		05/31/2024 00:27	WG2295881
(S) 4-Bromofluorobenzene	102			67.0-138		06/02/2024 23:34	WG2296758
(S) 1,2-Dichloroethane-d4	93.8			70.0-130		05/31/2024 00:27	WG2295881
(S) 1,2-Dichloroethane-d4	101			70.0-130		06/02/2024 23:34	WG2296758

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

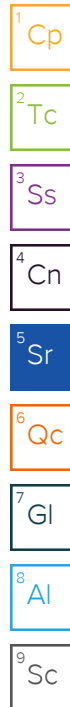
7Gl

8Al

9Sc

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	10.5		0.548	1.00	1	05/31/2024 00:46	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 00:46	WG2295881
Benzene	0.124		0.0160	0.0400	1	05/31/2024 00:46	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 00:46	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 00:46	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 00:46	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 00:46	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 00:46	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 00:46	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 00:46	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 00:46	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 00:46	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 00:46	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 00:46	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 00:46	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 00:46	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 00:46	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 00:46	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 00:46	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 00:46	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 00:46	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 00:46	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 00:46	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 00:46	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 00:46	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 00:46	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 00:46	WG2295881
1,1-Dichloroethene	U		0.0200	0.100	1	05/31/2024 00:46	WG2295881
cis-1,2-Dichloroethene	5.71	C3	0.0276	0.100	1	05/31/2024 00:46	WG2295881
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/31/2024 00:46	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 00:46	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 00:46	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 00:46	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 00:46	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 00:46	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 00:46	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 00:46	WG2295881
Ethylbenzene	0.0680	J	0.0212	0.100	1	05/31/2024 00:46	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 00:46	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 00:46	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 00:46	WG2295881
2-Butanone (MEK)	3.73	C5	0.500	1.00	1	05/31/2024 00:46	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 00:46	WG2295881
4-Methyl-2-pentanone (MIBK)	0.593	J	0.400	1.00	1	05/31/2024 00:46	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 00:46	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 00:46	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 00:46	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 00:46	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 00:46	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 00:46	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 00:46	WG2295881
Tetrachloroethene	0.0840	J	0.0280	0.100	1	05/31/2024 00:46	WG2295881
Toluene	0.538		0.0500	0.200	1	05/31/2024 00:46	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 00:46	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 00:46	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 00:46	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 00:46	WG2295881
Trichloroethene	0.301		0.0160	0.0400	1	05/31/2024 00:46	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 00:46	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 00:46	WG2295881
1,2,4-Trimethylbenzene	0.0720	J	0.0464	0.200	1	05/31/2024 00:46	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 00:46	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 00:46	WG2295881
Vinyl chloride	5.15	C3	0.0273	0.100	1	05/31/2024 00:46	WG2295881
Xylenes, Total	0.476		0.191	0.260	1	05/31/2024 00:46	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 00:46	WG2295881
Tetrahydrofuran	4.75	C3	0.0900	0.500	1	05/31/2024 00:46	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 00:46	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 00:46	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 00:46	WG2295881
(S) Toluene-d8	102			75.0-131		05/31/2024 00:46	WG2295881
(S) 4-Bromofluorobenzene	102			67.0-138		05/31/2024 00:46	WG2295881
(S) 1,2-Dichloroethane-d4	97.2			70.0-130		05/31/2024 00:46	WG2295881

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

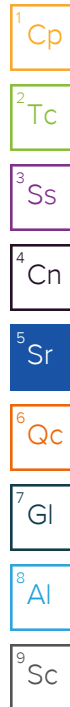
7Gl

8Al

9Sc

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	15.0		0.548	1.00	1	05/31/2024 01:05	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 01:05	WG2295881
Benzene	U		0.0160	0.0400	1	05/31/2024 01:05	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 01:05	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 01:05	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 01:05	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 01:05	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 01:05	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 01:05	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 01:05	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 01:05	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 01:05	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 01:05	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 01:05	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 01:05	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 01:05	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 01:05	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 01:05	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 01:05	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 01:05	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 01:05	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 01:05	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 01:05	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 01:05	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 01:05	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 01:05	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 01:05	WG2295881
1,1-Dichloroethene	U		0.0200	0.100	1	05/31/2024 01:05	WG2295881
cis-1,2-Dichloroethene	0.165	C3	0.0276	0.100	1	05/31/2024 01:05	WG2295881
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/31/2024 01:05	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 01:05	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 01:05	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 01:05	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 01:05	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 01:05	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 01:05	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 01:05	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/31/2024 01:05	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 01:05	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 01:05	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 01:05	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 01:05	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 01:05	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 01:05	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 01:05	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 01:05	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 01:05	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 01:05	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 01:05	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 01:05	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 01:05	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/31/2024 01:05	WG2295881
Toluene	0.0810	J	0.0500	0.200	1	05/31/2024 01:05	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 01:05	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 01:05	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 01:05	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 01:05	WG2295881
Trichloroethene	0.0440		0.0160	0.0400	1	05/31/2024 01:05	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 01:05	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 01:05	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/31/2024 01:05	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 01:05	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 01:05	WG2295881
Vinyl chloride	0.595	C3	0.0273	0.100	1	05/31/2024 01:05	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/31/2024 01:05	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 01:05	WG2295881
Tetrahydrofuran	2.33	C3	0.0900	0.500	1	05/31/2024 01:05	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 01:05	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 01:05	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 01:05	WG2295881
(S) Toluene-d8	104			75.0-131		05/31/2024 01:05	WG2295881
(S) 4-Bromofluorobenzene	96.8			67.0-138		05/31/2024 01:05	WG2295881
(S) 1,2-Dichloroethane-d4	97.4			70.0-130		05/31/2024 01:05	WG2295881

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	2790	J	594	5000	1	06/09/2024 11:15	WG2299419

1
Cp

2
Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	6830		102	1000	1	06/10/2024 04:31	WG2300561

3
Ss

4
Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	4500		28.1	100	1	06/02/2024 21:06	WG2295554
Manganese	967		0.704	5.00	1	06/02/2024 21:06	WG2295554

5
Sr

6
Qc

7
Gl

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	17500		2.87	6.78	10	05/31/2024 15:56	WG2296404
Ethane	76.5		0.296	1.29	1	05/31/2024 10:03	WG2294780
Ethene	U		0.422	1.27	1	05/31/2024 10:03	WG2294780

8
Al

9
Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	3.46		0.548	1.00	1	05/31/2024 01:24	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 01:24	WG2295881
Benzene	0.0390	J	0.0160	0.0400	1	05/31/2024 01:24	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 01:24	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 01:24	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 01:24	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 01:24	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 01:24	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 01:24	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 01:24	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 01:24	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 01:24	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 01:24	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 01:24	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 01:24	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 01:24	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 01:24	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 01:24	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 01:24	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 01:24	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 01:24	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 01:24	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 01:24	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 01:24	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 01:24	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 01:24	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 01:24	WG2295881
1,1-Dichloroethene	U		0.0200	0.100	1	05/31/2024 01:24	WG2295881
cis-1,2-Dichloroethene	2.63	C3	0.0276	0.100	1	05/31/2024 01:24	WG2295881
trans-1,2-Dichloroethene	1.94		0.0572	0.200	1	05/31/2024 01:24	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 01:24	WG2295881

MW107-052224

SAMPLE RESULTS - 14

Collected date/time: 05/22/24 08:48

L1739788

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 01:24	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 01:24	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 01:24	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 01:24	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 01:24	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 01:24	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/31/2024 01:24	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 01:24	WG2295881
Isopropylbenzene	0.0410	J	0.0345	0.100	1	05/31/2024 01:24	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 01:24	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 01:24	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 01:24	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 01:24	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 01:24	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 01:24	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 01:24	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 01:24	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 01:24	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 01:24	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 01:24	WG2295881
Tetrachloroethene	0.303		0.0280	0.100	1	05/31/2024 01:24	WG2295881
Toluene	0.0940	J	0.0500	0.200	1	05/31/2024 01:24	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 01:24	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 01:24	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 01:24	WG2295881
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 01:24	WG2295881
Trichloroethene	1.33		0.0160	0.0400	1	05/31/2024 01:24	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 01:24	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 01:24	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/31/2024 01:24	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 01:24	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 01:24	WG2295881
Vinyl chloride	0.265	C3	0.0273	0.100	1	05/31/2024 01:24	WG2295881
Xylenes, Total	0.242	J	0.191	0.260	1	05/31/2024 01:24	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 01:24	WG2295881
Tetrahydrofuran	1.21	C3	0.0900	0.500	1	05/31/2024 01:24	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 01:24	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 01:24	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 01:24	WG2295881
(S) Toluene-d8	107			75.0-131		05/31/2024 01:24	WG2295881
(S) 4-Bromofluorobenzene	98.5			67.0-138		05/31/2024 01:24	WG2295881
(S) 1,2-Dichloroethane-d4	94.9			70.0-130		05/31/2024 01:24	WG2295881

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-989-052224

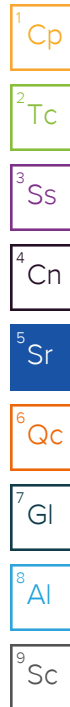
SAMPLE RESULTS - 15

Collected date/time: 05/22/24 12:00

L1739788

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	05/31/2024 01:43	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 01:43	WG2295881
Benzene	U		0.0160	0.0400	1	05/31/2024 01:43	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 01:43	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 01:43	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 01:43	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 01:43	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 01:43	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 01:43	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 01:43	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 01:43	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 01:43	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 01:43	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 01:43	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 01:43	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 01:43	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 01:43	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 01:43	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 01:43	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 01:43	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 01:43	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 01:43	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 01:43	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 01:43	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 01:43	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 01:43	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 01:43	WG2295881
1,1-Dichloroethene	1.08		0.0200	0.100	1	05/31/2024 01:43	WG2295881
cis-1,2-Dichloroethene	19.9	C3	0.0276	0.100	1	05/31/2024 01:43	WG2295881
trans-1,2-Dichloroethene	0.281		0.0572	0.200	1	05/31/2024 01:43	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 01:43	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 01:43	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 01:43	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 01:43	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 01:43	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 01:43	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 01:43	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/31/2024 01:43	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 01:43	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 01:43	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 01:43	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 01:43	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 01:43	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 01:43	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 01:43	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 01:43	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 01:43	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 01:43	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 01:43	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 01:43	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 01:43	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/31/2024 01:43	WG2295881
Toluene	0.0920	J	0.0500	0.200	1	05/31/2024 01:43	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 01:43	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 01:43	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 01:43	WG2295881



ACCOUNT:

PES Environmental, Inc.- WA

PROJECT:

443022-1413001.10

SDG:

L1739788

DATE/TIME:

06/14/24 09:51

PAGE:

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 01:43	WG2295881
Trichloroethene	3.18		0.0160	0.0400	1	05/31/2024 01:43	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 01:43	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 01:43	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/31/2024 01:43	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 01:43	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 01:43	WG2295881
Vinyl chloride	0.369	C3	0.0273	0.100	1	05/31/2024 01:43	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/31/2024 01:43	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 01:43	WG2295881
Tetrahydrofuran	U	C3	0.0900	0.500	1	05/31/2024 01:43	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 01:43	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 01:43	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 01:43	WG2295881
(S) Toluene-d8	104			75.0-131		05/31/2024 01:43	WG2295881
(S) 4-Bromofluorobenzene	96.8			67.0-138		05/31/2024 01:43	WG2295881
(S) 1,2-Dichloroethane-d4	94.3			70.0-130		05/31/2024 01:43	WG2295881

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

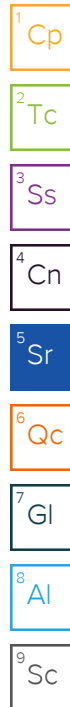
7Gl

8Al

9Sc

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	05/31/2024 02:02	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 02:02	WG2295881
Benzene	U		0.0160	0.0400	1	05/31/2024 02:02	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 02:02	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 02:02	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 02:02	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 02:02	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 02:02	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 02:02	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 02:02	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 02:02	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 02:02	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 02:02	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 02:02	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 02:02	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 02:02	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 02:02	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 02:02	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 02:02	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 02:02	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 02:02	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 02:02	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 02:02	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 02:02	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 02:02	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 02:02	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 02:02	WG2295881
1,1-Dichloroethene	U		0.0200	0.100	1	05/31/2024 02:02	WG2295881
cis-1,2-Dichloroethene	U	C3	0.0276	0.100	1	05/31/2024 02:02	WG2295881
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/31/2024 02:02	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 02:02	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 02:02	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 02:02	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 02:02	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 02:02	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 02:02	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 02:02	WG2295881
Ethylbenzene	0.0590	J	0.0212	0.100	1	05/31/2024 02:02	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 02:02	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 02:02	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 02:02	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 02:02	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 02:02	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 02:02	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 02:02	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 02:02	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 02:02	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 02:02	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 02:02	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 02:02	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 02:02	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/31/2024 02:02	WG2295881
Toluene	0.0830	J	0.0500	0.200	1	05/31/2024 02:02	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 02:02	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 02:02	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 02:02	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 02:02	WG2295881
Trichloroethene	0.0290	J	0.0160	0.0400	1	05/31/2024 02:02	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 02:02	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 02:02	WG2295881
1,2,4-Trimethylbenzene	0.0640	J	0.0464	0.200	1	05/31/2024 02:02	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 02:02	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 02:02	WG2295881
Vinyl chloride	U	C3	0.0273	0.100	1	05/31/2024 02:02	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/31/2024 02:02	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 02:02	WG2295881
Tetrahydrofuran	U	C3	0.0900	0.500	1	05/31/2024 02:02	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 02:02	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 02:02	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 02:02	WG2295881
(S) Toluene-d8	103			75.0-131		05/31/2024 02:02	WG2295881
(S) 4-Bromofluorobenzene	99.2			67.0-138		05/31/2024 02:02	WG2295881
(S) 1,2-Dichloroethane-d4	94.2			70.0-130		05/31/2024 02:02	WG2295881

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

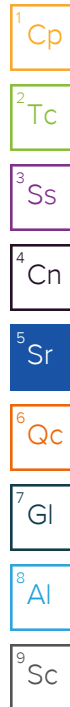
7Gl

8Al

9Sc

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	05/31/2024 02:21	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 02:21	WG2295881
Benzene	U		0.0160	0.0400	1	05/31/2024 02:21	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 02:21	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 02:21	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 02:21	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 02:21	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 02:21	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 02:21	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 02:21	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 02:21	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 02:21	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 02:21	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 02:21	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 02:21	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 02:21	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 02:21	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 02:21	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 02:21	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 02:21	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 02:21	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 02:21	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 02:21	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 02:21	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 02:21	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 02:21	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 02:21	WG2295881
1,1-Dichloroethene	U		0.0200	0.100	1	05/31/2024 02:21	WG2295881
cis-1,2-Dichloroethene	U	C3	0.0276	0.100	1	05/31/2024 02:21	WG2295881
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/31/2024 02:21	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 02:21	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 02:21	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 02:21	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 02:21	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 02:21	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 02:21	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 02:21	WG2295881
Ethylbenzene	0.0450	J	0.0212	0.100	1	05/31/2024 02:21	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 02:21	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 02:21	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 02:21	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 02:21	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 02:21	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 02:21	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 02:21	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 02:21	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 02:21	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 02:21	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 02:21	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 02:21	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 02:21	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/31/2024 02:21	WG2295881
Toluene	0.110	J	0.0500	0.200	1	05/31/2024 02:21	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 02:21	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 02:21	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 02:21	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 02:21	WG2295881
Trichloroethene	U		0.0160	0.0400	1	05/31/2024 02:21	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 02:21	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 02:21	WG2295881
1,2,4-Trimethylbenzene	0.0650	J	0.0464	0.200	1	05/31/2024 02:21	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 02:21	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 02:21	WG2295881
Vinyl chloride	0.0720	C3 J	0.0273	0.100	1	05/31/2024 02:21	WG2295881
Xylenes, Total	0.217	J	0.191	0.260	1	05/31/2024 02:21	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 02:21	WG2295881
Tetrahydrofuran	U	C3	0.0900	0.500	1	05/31/2024 02:21	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 02:21	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 02:21	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 02:21	WG2295881
(S) Toluene-d8	102			75.0-131		05/31/2024 02:21	WG2295881
(S) 4-Bromofluorobenzene	95.6			67.0-138		05/31/2024 02:21	WG2295881
(S) 1,2-Dichloroethane-d4	95.9			70.0-130		05/31/2024 02:21	WG2295881

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

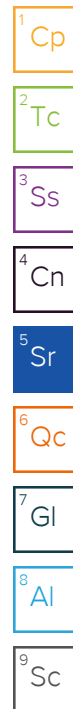
7Gl

8Al

9Sc

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	05/31/2024 02:40	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 02:40	WG2295881
Benzene	U		0.0160	0.0400	1	05/31/2024 02:40	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 02:40	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 02:40	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 02:40	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 02:40	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 02:40	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 02:40	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 02:40	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 02:40	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 02:40	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 02:40	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 02:40	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 02:40	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 02:40	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 02:40	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 02:40	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 02:40	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 02:40	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 02:40	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 02:40	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 02:40	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 02:40	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 02:40	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 02:40	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 02:40	WG2295881
1,1-Dichloroethene	U		0.0200	0.100	1	05/31/2024 02:40	WG2295881
cis-1,2-Dichloroethene	U	C3	0.0276	0.100	1	05/31/2024 02:40	WG2295881
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/31/2024 02:40	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 02:40	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 02:40	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 02:40	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 02:40	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 02:40	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 02:40	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 02:40	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/31/2024 02:40	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 02:40	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 02:40	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 02:40	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 02:40	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 02:40	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 02:40	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 02:40	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 02:40	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 02:40	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 02:40	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 02:40	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 02:40	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 02:40	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/31/2024 02:40	WG2295881
Toluene	U		0.0500	0.200	1	05/31/2024 02:40	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 02:40	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 02:40	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 02:40	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 02:40	WG2295881
Trichloroethene	U		0.0160	0.0400	1	05/31/2024 02:40	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 02:40	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 02:40	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/31/2024 02:40	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 02:40	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 02:40	WG2295881
Vinyl chloride	U	C3	0.0273	0.100	1	05/31/2024 02:40	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/31/2024 02:40	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 02:40	WG2295881
Tetrahydrofuran	U	C3	0.0900	0.500	1	05/31/2024 02:40	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 02:40	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 02:40	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 02:40	WG2295881
(S) Toluene-d8	103			75.0-131		05/31/2024 02:40	WG2295881
(S) 4-Bromofluorobenzene	93.1			67.0-138		05/31/2024 02:40	WG2295881
(S) 1,2-Dichloroethane-d4	99.1			70.0-130		05/31/2024 02:40	WG2295881

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	73.4		0.548	1.00	1	05/31/2024 02:59	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 02:59	WG2295881
Benzene	0.0900		0.0160	0.0400	1	05/31/2024 02:59	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 02:59	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 02:59	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 02:59	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 02:59	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 02:59	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 02:59	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 02:59	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 02:59	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 02:59	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 02:59	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 02:59	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 02:59	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 02:59	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 02:59	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 02:59	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 02:59	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 02:59	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 02:59	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 02:59	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 02:59	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 02:59	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 02:59	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 02:59	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 02:59	WG2295881
1,1-Dichloroethene	0.302		0.0200	0.100	1	05/31/2024 02:59	WG2295881
cis-1,2-Dichloroethene	63.4	C3	0.0276	0.100	1	05/31/2024 02:59	WG2295881
trans-1,2-Dichloroethene	0.398		0.0572	0.200	1	05/31/2024 02:59	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 02:59	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 02:59	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 02:59	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 02:59	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 02:59	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 02:59	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 02:59	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/31/2024 02:59	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 02:59	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 02:59	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 02:59	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 02:59	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 02:59	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 02:59	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 02:59	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 02:59	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 02:59	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 02:59	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 02:59	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 02:59	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 02:59	WG2295881
Tetrachloroethene	90.4		0.0280	0.100	1	05/31/2024 02:59	WG2295881
Toluene	U		0.0500	0.200	1	05/31/2024 02:59	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 02:59	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 02:59	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 02:59	WG2295881

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 02:59	WG2295881
Trichloroethene	59.1		0.0160	0.0400	1	05/31/2024 02:59	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 02:59	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 02:59	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/31/2024 02:59	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 02:59	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 02:59	WG2295881
Vinyl chloride	0.109	C3	0.0273	0.100	1	05/31/2024 02:59	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/31/2024 02:59	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 02:59	WG2295881
Tetrahydrofuran	U	C3	0.0900	0.500	1	05/31/2024 02:59	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 02:59	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 02:59	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 02:59	WG2295881
(S) Toluene-d8	104			75.0-131		05/31/2024 02:59	WG2295881
(S) 4-Bromofluorobenzene	98.3			67.0-138		05/31/2024 02:59	WG2295881
(S) 1,2-Dichloroethane-d4	97.8			70.0-130		05/31/2024 02:59	WG2295881

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

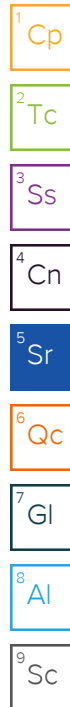
Al

9

Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	05/31/2024 03:18	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 03:18	WG2295881
Benzene	0.0300	J	0.0160	0.0400	1	05/31/2024 03:18	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 03:18	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 03:18	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 03:18	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 03:18	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 03:18	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 03:18	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 03:18	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 03:18	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 03:18	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 03:18	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 03:18	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 03:18	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 03:18	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 03:18	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 03:18	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 03:18	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 03:18	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 03:18	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 03:18	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 03:18	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 03:18	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 03:18	WG2295881
1,1-Dichloroethane	0.644		0.0230	0.100	1	05/31/2024 03:18	WG2295881
1,2-Dichloroethane	0.226		0.0190	0.100	1	05/31/2024 03:18	WG2295881
1,1-Dichloroethene	0.276		0.0200	0.100	1	05/31/2024 03:18	WG2295881
cis-1,2-Dichloroethene	51.4	C3	0.0276	0.100	1	05/31/2024 03:18	WG2295881
trans-1,2-Dichloroethene	0.145	J	0.0572	0.200	1	05/31/2024 03:18	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 03:18	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 03:18	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 03:18	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 03:18	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 03:18	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 03:18	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 03:18	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/31/2024 03:18	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 03:18	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 03:18	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 03:18	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 03:18	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 03:18	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 03:18	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 03:18	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 03:18	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 03:18	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 03:18	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 03:18	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 03:18	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 03:18	WG2295881
Tetrachloroethene	0.252		0.0280	0.100	1	05/31/2024 03:18	WG2295881
Toluene	U		0.0500	0.200	1	05/31/2024 03:18	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 03:18	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 03:18	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 03:18	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 03:18	WG2295881
Trichloroethene	1.21		0.0160	0.0400	1	05/31/2024 03:18	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 03:18	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 03:18	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/31/2024 03:18	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 03:18	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 03:18	WG2295881
Vinyl chloride	4.72	C3	0.0273	0.100	1	05/31/2024 03:18	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/31/2024 03:18	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 03:18	WG2295881
Tetrahydrofuran	0.240	C3 J	0.0900	0.500	1	05/31/2024 03:18	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 03:18	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 03:18	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 03:18	WG2295881
(S) Toluene-d8	105			75.0-131		05/31/2024 03:18	WG2295881
(S) 4-Bromofluorobenzene	97.4			67.0-138		05/31/2024 03:18	WG2295881
(S) 1,2-Dichloroethane-d4	96.3			70.0-130		05/31/2024 03:18	WG2295881

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

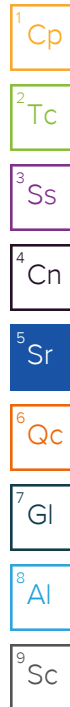
7Gl

8Al

9Sc

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	05/31/2024 03:37	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 03:37	WG2295881
Benzene	54.3		0.0160	0.0400	1	05/31/2024 03:37	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 03:37	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 03:37	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 03:37	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 03:37	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 03:37	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 03:37	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 03:37	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 03:37	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 03:37	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 03:37	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 03:37	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 03:37	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 03:37	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 03:37	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 03:37	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 03:37	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 03:37	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 03:37	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 03:37	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 03:37	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 03:37	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 03:37	WG2295881
1,1-Dichloroethane	0.201		0.0230	0.100	1	05/31/2024 03:37	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 03:37	WG2295881
1,1-Dichloroethene	U		0.0200	0.100	1	05/31/2024 03:37	WG2295881
cis-1,2-Dichloroethene	2.45	C3	0.0276	0.100	1	05/31/2024 03:37	WG2295881
trans-1,2-Dichloroethene	0.0690	J	0.0572	0.200	1	05/31/2024 03:37	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 03:37	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 03:37	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 03:37	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 03:37	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 03:37	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 03:37	WG2295881
Di-isopropyl ether	0.239		0.0140	0.0400	1	05/31/2024 03:37	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/31/2024 03:37	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 03:37	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 03:37	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 03:37	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 03:37	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 03:37	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 03:37	WG2295881
Methyl tert-butyl ether	0.104	C3	0.0118	0.0400	1	05/31/2024 03:37	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 03:37	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 03:37	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 03:37	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 03:37	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 03:37	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 03:37	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/31/2024 03:37	WG2295881
Toluene	0.330		0.0500	0.200	1	05/31/2024 03:37	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 03:37	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 03:37	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 03:37	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 03:37	WG2295881
Trichloroethene	U		0.0160	0.0400	1	05/31/2024 03:37	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 03:37	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 03:37	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/31/2024 03:37	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 03:37	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 03:37	WG2295881
Vinyl chloride	25.4	C3	0.0273	0.100	1	05/31/2024 03:37	WG2295881
Xylenes, Total	0.282		0.191	0.260	1	05/31/2024 03:37	WG2295881
Ethyl Ether	0.268		0.0170	0.100	1	05/31/2024 03:37	WG2295881
Tetrahydrofuran	U	C3	0.0900	0.500	1	05/31/2024 03:37	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 03:37	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 03:37	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 03:37	WG2295881
(S) Toluene-d8	102			75.0-131		05/31/2024 03:37	WG2295881
(S) 4-Bromofluorobenzene	98.3			67.0-138		05/31/2024 03:37	WG2295881
(S) 1,2-Dichloroethane-d4	95.6			70.0-130		05/31/2024 03:37	WG2295881

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

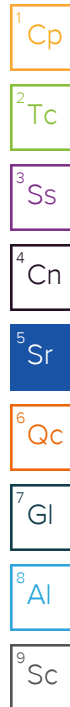
7Gl

8Al

9Sc

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	05/31/2024 03:57	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/31/2024 03:57	WG2295881
Benzene	0.0230	J	0.0160	0.0400	1	05/31/2024 03:57	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/31/2024 03:57	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/31/2024 03:57	WG2295881
Bromoform	U		0.239	1.00	1	05/31/2024 03:57	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/31/2024 03:57	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/31/2024 03:57	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/31/2024 03:57	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/31/2024 03:57	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/31/2024 03:57	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/31/2024 03:57	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/31/2024 03:57	WG2295881
Chloroethane	U		0.0432	0.200	1	05/31/2024 03:57	WG2295881
Chloroform	U		0.0166	0.100	1	05/31/2024 03:57	WG2295881
Chloromethane	U		0.0556	0.500	1	05/31/2024 03:57	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/31/2024 03:57	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/31/2024 03:57	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/31/2024 03:57	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/31/2024 03:57	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/31/2024 03:57	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/31/2024 03:57	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/31/2024 03:57	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/31/2024 03:57	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/31/2024 03:57	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/31/2024 03:57	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/31/2024 03:57	WG2295881
1,1-Dichloroethene	0.365		0.0200	0.100	1	05/31/2024 03:57	WG2295881
cis-1,2-Dichloroethene	199		0.276	1.00	10	06/02/2024 23:53	WG2296758
trans-1,2-Dichloroethene	0.326		0.0572	0.200	1	05/31/2024 03:57	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/31/2024 03:57	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/31/2024 03:57	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/31/2024 03:57	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/31/2024 03:57	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/31/2024 03:57	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/31/2024 03:57	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/31/2024 03:57	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/31/2024 03:57	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/31/2024 03:57	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/31/2024 03:57	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/31/2024 03:57	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/31/2024 03:57	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/31/2024 03:57	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/31/2024 03:57	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/31/2024 03:57	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/31/2024 03:57	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/31/2024 03:57	WG2295881
Styrene	U		0.109	0.500	1	05/31/2024 03:57	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/31/2024 03:57	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/31/2024 03:57	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/31/2024 03:57	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/31/2024 03:57	WG2295881
Toluene	U		0.0500	0.200	1	05/31/2024 03:57	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/31/2024 03:57	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/31/2024 03:57	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/31/2024 03:57	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/31/2024 03:57	WG2295881
Trichloroethene	0.250		0.0160	0.0400	1	05/31/2024 03:57	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/31/2024 03:57	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/31/2024 03:57	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/31/2024 03:57	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/31/2024 03:57	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/31/2024 03:57	WG2295881
Vinyl chloride	17.0	C3	0.0273	0.100	1	05/31/2024 03:57	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/31/2024 03:57	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/31/2024 03:57	WG2295881
Tetrahydrofuran	U	C3	0.0900	0.500	1	05/31/2024 03:57	WG2295881
Iodomethane	U		0.242	0.500	1	05/31/2024 03:57	WG2295881
Allyl chloride	U		0.580	1.00	1	05/31/2024 03:57	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/31/2024 03:57	WG2295881
(S) Toluene-d8	105			75.0-131		05/31/2024 03:57	WG2295881
(S) Toluene-d8	98.1			75.0-131		06/02/2024 23:53	WG2296758
(S) 4-Bromofluorobenzene	98.9			67.0-138		05/31/2024 03:57	WG2295881
(S) 4-Bromofluorobenzene	102			67.0-138		06/02/2024 23:53	WG2296758
(S) 1,2-Dichloroethane-d4	96.6			70.0-130		05/31/2024 03:57	WG2295881
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/02/2024 23:53	WG2296758

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

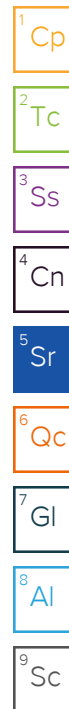
7Gl

8Al

9Sc

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	05/30/2024 21:33	WG2295881
Acrylonitrile	U		0.0760	0.500	1	05/30/2024 21:33	WG2295881
Benzene	U		0.0160	0.0400	1	05/30/2024 21:33	WG2295881
Bromobenzene	U		0.0420	0.500	1	05/30/2024 21:33	WG2295881
Bromodichloromethane	U		0.0315	0.100	1	05/30/2024 21:33	WG2295881
Bromoform	U		0.239	1.00	1	05/30/2024 21:33	WG2295881
Bromomethane	U	C3	0.148	0.500	1	05/30/2024 21:33	WG2295881
n-Butylbenzene	U		0.153	0.500	1	05/30/2024 21:33	WG2295881
sec-Butylbenzene	U		0.101	0.500	1	05/30/2024 21:33	WG2295881
tert-Butylbenzene	U		0.0620	0.200	1	05/30/2024 21:33	WG2295881
Carbon tetrachloride	U		0.0432	0.200	1	05/30/2024 21:33	WG2295881
Chlorobenzene	U		0.0229	0.100	1	05/30/2024 21:33	WG2295881
Chlorodibromomethane	U		0.0180	0.100	1	05/30/2024 21:33	WG2295881
Chloroethane	U		0.0432	0.200	1	05/30/2024 21:33	WG2295881
Chloroform	U		0.0166	0.100	1	05/30/2024 21:33	WG2295881
Chloromethane	U		0.0556	0.500	1	05/30/2024 21:33	WG2295881
2-Chlorotoluene	U		0.0368	0.100	1	05/30/2024 21:33	WG2295881
4-Chlorotoluene	U		0.0452	0.200	1	05/30/2024 21:33	WG2295881
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	05/30/2024 21:33	WG2295881
1,2-Dibromoethane	U		0.0210	0.100	1	05/30/2024 21:33	WG2295881
Dibromomethane	U		0.0400	0.200	1	05/30/2024 21:33	WG2295881
1,2-Dichlorobenzene	U		0.0580	0.200	1	05/30/2024 21:33	WG2295881
1,3-Dichlorobenzene	U		0.0680	0.200	1	05/30/2024 21:33	WG2295881
1,4-Dichlorobenzene	U		0.0788	0.200	1	05/30/2024 21:33	WG2295881
Dichlorodifluoromethane	U	C3	0.0327	0.200	1	05/30/2024 21:33	WG2295881
1,1-Dichloroethane	U		0.0230	0.100	1	05/30/2024 21:33	WG2295881
1,2-Dichloroethane	U		0.0190	0.100	1	05/30/2024 21:33	WG2295881
1,1-Dichloroethene	U		0.0200	0.100	1	05/30/2024 21:33	WG2295881
cis-1,2-Dichloroethene	U	C3	0.0276	0.100	1	05/30/2024 21:33	WG2295881
trans-1,2-Dichloroethene	U		0.0572	0.200	1	05/30/2024 21:33	WG2295881
1,2-Dichloropropane	U		0.0508	0.200	1	05/30/2024 21:33	WG2295881
1,1-Dichloropropene	U		0.0280	0.100	1	05/30/2024 21:33	WG2295881
1,3-Dichloropropane	U		0.0700	0.200	1	05/30/2024 21:33	WG2295881
cis-1,3-Dichloropropene	U		0.0271	0.100	1	05/30/2024 21:33	WG2295881
trans-1,3-Dichloropropene	U		0.0612	0.200	1	05/30/2024 21:33	WG2295881
2,2-Dichloropropane	U		0.0317	0.100	1	05/30/2024 21:33	WG2295881
Di-isopropyl ether	U		0.0140	0.0400	1	05/30/2024 21:33	WG2295881
Ethylbenzene	U		0.0212	0.100	1	05/30/2024 21:33	WG2295881
Hexachloro-1,3-butadiene	U		0.508	1.00	1	05/30/2024 21:33	WG2295881
Isopropylbenzene	U		0.0345	0.100	1	05/30/2024 21:33	WG2295881
p-Isopropyltoluene	U		0.0932	0.200	1	05/30/2024 21:33	WG2295881
2-Butanone (MEK)	U		0.500	1.00	1	05/30/2024 21:33	WG2295881
Methylene Chloride	U		0.265	1.00	1	05/30/2024 21:33	WG2295881
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	05/30/2024 21:33	WG2295881
Methyl tert-butyl ether	U	C3	0.0118	0.0400	1	05/30/2024 21:33	WG2295881
Naphthalene	U	C3 J4	0.124	0.500	1	05/30/2024 21:33	WG2295881
n-Propylbenzene	U		0.0472	0.200	1	05/30/2024 21:33	WG2295881
Styrene	U		0.109	0.500	1	05/30/2024 21:33	WG2295881
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	05/30/2024 21:33	WG2295881
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	05/30/2024 21:33	WG2295881
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	05/30/2024 21:33	WG2295881
Tetrachloroethene	U		0.0280	0.100	1	05/30/2024 21:33	WG2295881
Toluene	U		0.0500	0.200	1	05/30/2024 21:33	WG2295881
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	05/30/2024 21:33	WG2295881
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	05/30/2024 21:33	WG2295881
1,1,1-Trichloroethane	U		0.0110	0.100	1	05/30/2024 21:33	WG2295881



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	05/30/2024 21:33	WG2295881
Trichloroethene	U		0.0160	0.0400	1	05/30/2024 21:33	WG2295881
Trichlorofluoromethane	U		0.0200	0.100	1	05/30/2024 21:33	WG2295881
1,2,3-Trichloropropane	U		0.204	0.500	1	05/30/2024 21:33	WG2295881
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	05/30/2024 21:33	WG2295881
1,2,3-Trimethylbenzene	U	C3	0.0460	0.200	1	05/30/2024 21:33	WG2295881
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	05/30/2024 21:33	WG2295881
Vinyl chloride	U	C3	0.0273	0.100	1	05/30/2024 21:33	WG2295881
Xylenes, Total	U		0.191	0.260	1	05/30/2024 21:33	WG2295881
Ethyl Ether	U		0.0170	0.100	1	05/30/2024 21:33	WG2295881
Tetrahydrofuran	U	C3	0.0900	0.500	1	05/30/2024 21:33	WG2295881
Iodomethane	U		0.242	0.500	1	05/30/2024 21:33	WG2295881
Allyl chloride	U		0.580	1.00	1	05/30/2024 21:33	WG2295881
Trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	05/30/2024 21:33	WG2295881
(S) Toluene-d8	105			75.0-131		05/30/2024 21:33	WG2295881
(S) 4-Bromofluorobenzene	98.1			67.0-138		05/30/2024 21:33	WG2295881
(S) 1,2-Dichloroethane-d4	90.3			70.0-130		05/30/2024 21:33	WG2295881

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4080001-1 06/08/24 13:07

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

L1738870-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1738870-01 06/08/24 23:35 • (DUP) R4080001-3 06/08/24 23:50

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	31600	32600	1	3.16		15

Laboratory Control Sample (LCS)

(LCS) R4080001-2 06/08/24 13:22

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	41200	103	80.0-120	

L1738870-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1738870-01 06/08/24 23:35 • (MS) R4080001-4 06/09/24 00:06

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Sulfate	40000	31600	67000	88.6	1	80.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4079446-2 06/09/24 20:44

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	415	⬇	102	1000

L1739700-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1739700-20 06/10/24 02:00 • (DUP) R4079446-3 06/10/24 02:17

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	1380	1280	1	7.23		20

L1739700-21 Original Sample (OS) • Duplicate (DUP)

(OS) L1739700-21 06/10/24 02:35 • (DUP) R4079446-4 06/10/24 02:52

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	1300	1270	1	1.87		20

Laboratory Control Sample (LCS)

(LCS) R4079446-1 06/09/24 20:26

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	25800	103	85.0-115	

L1739858-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739858-05 06/10/24 07:12 • (MS) R4079446-5 06/10/24 07:34 • (MSD) R4079446-6 06/10/24 07:57

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	2540	28800	28800	105	105	1	85.0-115			0.0347	20

L1739858-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739858-06 06/10/24 08:18 • (MS) R4079446-7 06/10/24 08:41 • (MSD) R4079446-8 06/10/24 09:04

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	3340	30700	30600	109	109	1	85.0-115			0.163	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4076340-1 06/02/24 19:34

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) R4076340-2 06/02/24 19:37

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron	1000	1040	104	80.0-120	
Manganese	50.0	51.3	103	80.0-120	

L1739692-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739692-08 06/02/24 19:41 • (MS) R4076340-4 06/02/24 19:47 • (MSD) R4076340-5 06/02/24 19:51

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	1000	44.9	1030	1010	98.7	96.2	1	75.0-125			2.46	20
Manganese	50.0	40.9	89.9	87.8	98.0	93.9	1	75.0-125			2.27	20

L1739692-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1739692-09 06/02/24 19:54 • (MS) R4076340-6 06/02/24 19:57 • (MSD) R4076340-7 06/02/24 20:00

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	1000	329	1320	1380	98.9	105	1	75.0-125			4.68	20
Manganese	50.0	2810	2910	2930	192	234	1	75.0-125	V	V	0.713	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4075682-2 05/31/24 08:24

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

L1739665-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1739665-14 05/31/24 08:44 • (DUP) R4075682-3 05/31/24 09:32

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

L1739698-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1739698-11 05/31/24 09:45 • (DUP) R4075682-4 05/31/24 10:50

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) R4075682-1 05/31/24 08:19 • (LCSD) R4075682-5 05/31/24 10:54

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	78.0	72.1	115	106	85.0-115			7.86	20
Ethane	129	118	114	91.5	88.4	85.0-115			3.45	20
Ethene	127	116	113	91.3	89.0	85.0-115			2.62	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4075875-2 05/31/24 15:00

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

L1739569-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1739569-02 05/31/24 15:03 • (DUP) R4075875-3 05/31/24 15:59

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	13800	13300	10	3.69		20

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

(LCS) R4075875-1 05/31/24 14:58 • (LCSD) R4075875-4 05/31/24 16:04

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	64.1	65.4	94.5	96.5	85.0-115			2.01	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4076558-2 05/29/24 16:16

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	0.705	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
Dichlorodifluoromethane	U		0.0327	0.200
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
Hexachloro-1,3-butadiene	U		0.508	1.00
Isopropylbenzene	U		0.0345	0.100

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4076558-2 05/29/24 16:16

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	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
Ethyl Ether	U		0.0170	0.100
Tetrahydrofuran	U		0.0900	0.500
Iodomethane	U		0.242	0.500
Allyl chloride	U		0.580	1.00
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200
(S) Toluene-d8	98.4			75.0-131
(S) 4-Bromofluorobenzene	107			67.0-138
(S) 1,2-Dichloroethane-d4	93.9			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4076558-1 05/29/24 15:10

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Acetone	25.0	26.6	106	10.0-160	
Acrylonitrile	25.0	27.2	109	45.0-153	
Benzene	5.00	5.19	104	70.0-123	
Bromobenzene	5.00	5.04	101	73.0-121	
Bromodichloromethane	5.00	4.89	97.8	73.0-121	
Bromoform	5.00	5.02	100	64.0-132	
Bromomethane	5.00	5.78	116	56.0-147	
n-Butylbenzene	5.00	4.40	88.0	68.0-135	
sec-Butylbenzene	5.00	5.59	112	74.0-130	
tert-Butylbenzene	5.00	4.10	82.0	75.0-127	
Carbon tetrachloride	5.00	5.19	104	66.0-128	
Chlorobenzene	5.00	5.16	103	76.0-128	
Chlorodibromomethane	5.00	4.68	93.6	74.0-127	
Chloroethane	5.00	7.50	150	61.0-134	J4
Chloroform	5.00	5.14	103	72.0-123	
Chloromethane	5.00	5.33	107	51.0-138	
2-Chlorotoluene	5.00	4.81	96.2	75.0-124	
4-Chlorotoluene	5.00	4.89	97.8	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	4.43	88.6	59.0-130	
1,2-Dibromoethane	5.00	4.84	96.8	74.0-128	
Dibromomethane	5.00	5.24	105	75.0-122	
1,2-Dichlorobenzene	5.00	5.13	103	76.0-124	
1,3-Dichlorobenzene	5.00	4.93	98.6	76.0-125	
1,4-Dichlorobenzene	5.00	4.94	98.8	77.0-121	
Dichlorodifluoromethane	5.00	6.37	127	43.0-156	
1,1-Dichloroethane	5.00	5.47	109	70.0-127	
1,2-Dichloroethane	5.00	4.58	91.6	65.0-131	
1,1-Dichloroethene	5.00	5.50	110	65.0-131	
cis-1,2-Dichloroethene	5.00	5.02	100	73.0-125	
trans-1,2-Dichloroethene	5.00	5.60	112	71.0-125	
1,2-Dichloropropane	5.00	4.68	93.6	74.0-125	
1,1-Dichloropropene	5.00	5.06	101	73.0-125	
1,3-Dichloropropane	5.00	5.31	106	80.0-125	
cis-1,3-Dichloropropene	5.00	5.11	102	76.0-127	
trans-1,3-Dichloropropene	5.00	4.53	90.6	73.0-127	
2,2-Dichloropropane	5.00	4.66	93.2	59.0-135	
Di-isopropyl ether	5.00	5.01	100	60.0-136	
Ethylbenzene	5.00	4.98	99.6	74.0-126	
Hexachloro-1,3-butadiene	5.00	4.67	93.4	57.0-150	
Isopropylbenzene	5.00	5.22	104	72.0-127	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R4076558-1 05/29/24 15:10

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
p-Isopropyltoluene	5.00	4.22	84.4	72.0-133	
2-Butanone (MEK)	25.0	39.8	159	30.0-160	
Methylene Chloride	5.00	5.45	109	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	24.5	98.0	56.0-143	
Methyl tert-butyl ether	5.00	5.16	103	66.0-132	
Naphthalene	5.00	4.98	99.6	59.0-130	
n-Propylbenzene	5.00	4.83	96.6	74.0-126	
Styrene	5.00	5.33	107	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.63	92.6	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	4.17	83.4	68.0-128	
1,1,2-Trichlorotrifluoroethane	5.00	5.60	112	61.0-139	
Tetrachloroethene	5.00	4.60	92.0	70.0-136	
Toluene	5.00	4.66	93.2	75.0-121	
1,2,3-Trichlorobenzene	5.00	4.75	95.0	59.0-139	
1,2,4-Trichlorobenzene	5.00	4.75	95.0	62.0-137	
1,1,1-Trichloroethane	5.00	5.30	106	69.0-126	
1,1,2-Trichloroethane	5.00	4.92	98.4	78.0-123	
Trichloroethene	5.00	5.24	105	76.0-126	
Trichlorofluoromethane	5.00	6.99	140	61.0-142	
1,2,3-Trichloropropane	5.00	4.65	93.0	67.0-129	
1,2,4-Trimethylbenzene	5.00	4.29	85.8	70.0-126	
1,2,3-Trimethylbenzene	5.00	4.84	96.8	74.0-124	
1,3,5-Trimethylbenzene	5.00	4.53	90.6	73.0-127	
Vinyl chloride	5.00	6.66	133	63.0-134	
Xylenes, Total	15.0	15.1	101	72.0-127	
Ethyl Ether	5.00	5.62	112	64.0-137	
Tetrahydrofuran	5.00	17.2	344	37.0-146	J4
Iodomethane	25.0	25.3	101	74.0-134	
Allyl chloride	25.0	26.8	107	70.0-131	
Trans-1,4-Dichloro-2-butene	5.00	6.18	124	45.0-143	
(S) Toluene-d8			94.3	75.0-131	
(S) 4-Bromofluorobenzene			106	67.0-138	
(S) 1,2-Dichloroethane-d4			94.0	70.0-130	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4076078-3 05/30/24 20:55

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
Dichlorodifluoromethane	U		0.0327	0.200
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
Hexachloro-1,3-butadiene	U		0.508	1.00
Isopropylbenzene	U		0.0345	0.100

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4076078-3 05/30/24 20:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	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
Ethyl Ether	U		0.0170	0.100
Tetrahydrofuran	U		0.0900	0.500
Iodomethane	U		0.242	0.500
Allyl chloride	U		0.580	1.00
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200
(S) Toluene-d8	107			75.0-131
(S) 4-Bromofluorobenzene	96.1			67.0-138
(S) 1,2-Dichloroethane-d4	91.1			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4076078-1 05/30/24 19:20 • (LCSD) R4076078-2 05/30/24 19:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	22.4	22.7	89.6	90.8	10.0-160			1.33	31
Acrylonitrile	25.0	27.7	29.0	111	116	45.0-153			4.59	22
Benzene	5.00	4.31	4.51	86.2	90.2	70.0-123			4.54	20
Bromobenzene	5.00	4.76	5.30	95.2	106	73.0-121			10.7	20
Bromodichloromethane	5.00	4.09	4.45	81.8	89.0	73.0-121			8.43	20
Bromoform	5.00	4.42	4.69	88.4	93.8	64.0-132			5.93	20
Bromomethane	5.00	3.60	4.00	72.0	80.0	56.0-147			10.5	20
n-Butylbenzene	5.00	4.03	4.33	80.6	86.6	68.0-135			7.18	20
sec-Butylbenzene	5.00	4.37	4.68	87.4	93.6	74.0-130			6.85	20
tert-Butylbenzene	5.00	4.61	4.92	92.2	98.4	75.0-127			6.51	20
Carbon tetrachloride	5.00	4.63	5.11	92.6	102	66.0-128			9.86	20
Chlorobenzene	5.00	4.69	5.19	93.8	104	76.0-128			10.1	20
Chlorodibromomethane	5.00	4.38	4.59	87.6	91.8	74.0-127			4.68	20
Chloroethane	5.00	4.18	4.21	83.6	84.2	61.0-134			0.715	20
Chloroform	5.00	4.15	4.59	83.0	91.8	72.0-123			10.1	20
Chloromethane	5.00	4.21	4.66	84.2	93.2	51.0-138			10.1	20
2-Chlorotoluene	5.00	4.31	5.06	86.2	101	75.0-124			16.0	20
4-Chlorotoluene	5.00	4.40	4.81	88.0	96.2	75.0-124			8.90	20
1,2-Dibromo-3-Chloropropane	5.00	3.22	3.56	64.4	71.2	59.0-130			10.0	20
1,2-Dibromoethane	5.00	4.25	4.39	85.0	87.8	74.0-128			3.24	20
Dibromomethane	5.00	4.52	4.82	90.4	96.4	75.0-122			6.42	20
1,2-Dichlorobenzene	5.00	4.19	4.83	83.8	96.6	76.0-124			14.2	20
1,3-Dichlorobenzene	5.00	4.37	4.79	87.4	95.8	76.0-125			9.17	20
1,4-Dichlorobenzene	5.00	4.61	5.13	92.2	103	77.0-121			10.7	20
Dichlorodifluoromethane	5.00	3.43	3.99	68.6	79.8	43.0-156			15.1	20
1,1-Dichloroethane	5.00	4.23	4.81	84.6	96.2	70.0-127			12.8	20
1,2-Dichloroethane	5.00	4.71	5.10	94.2	102	65.0-131			7.95	20
1,1-Dichloroethene	5.00	4.46	4.60	89.2	92.0	65.0-131			3.09	20
cis-1,2-Dichloroethene	5.00	3.91	4.46	78.2	89.2	73.0-125			13.1	20
trans-1,2-Dichloroethene	5.00	4.25	4.83	85.0	96.6	71.0-125			12.8	20
1,2-Dichloropropane	5.00	4.65	5.02	93.0	100	74.0-125			7.65	20
1,1-Dichloropropene	5.00	4.29	4.48	85.8	89.6	73.0-125			4.33	20
1,3-Dichloropropane	5.00	4.49	4.80	89.8	96.0	80.0-125			6.67	20
cis-1,3-Dichloropropene	5.00	4.39	4.49	87.8	89.8	76.0-127			2.25	20
trans-1,3-Dichloropropene	5.00	4.15	4.49	83.0	89.8	73.0-127			7.87	20
2,2-Dichloropropane	5.00	4.09	4.39	81.8	87.8	59.0-135			7.08	20
Di-isopropyl ether	5.00	4.88	5.14	97.6	103	60.0-136			5.19	20
Ethylbenzene	5.00	4.57	4.78	91.4	95.6	74.0-126			4.49	20
Hexachloro-1,3-butadiene	5.00	4.16	4.10	83.2	82.0	57.0-150			1.45	20
Isopropylbenzene	5.00	4.35	4.79	87.0	95.8	72.0-127			9.63	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4076078-1 05/30/24 19:20 • (LCSD) R4076078-2 05/30/24 19:39

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 %
p-Isopropyltoluene	5.00	4.17	4.45	83.4	89.0	72.0-133			6.50	20
2-Butanone (MEK)	25.0	32.0	30.9	128	124	30.0-160			3.50	24
Methylene Chloride	5.00	4.03	4.46	80.6	89.2	68.0-123			10.1	20
4-Methyl-2-pentanone (MIBK)	25.0	27.1	28.8	108	115	56.0-143			6.08	20
Methyl tert-butyl ether	5.00	3.96	4.01	79.2	80.2	66.0-132			1.25	20
Naphthalene	5.00	2.48	2.80	49.6	56.0	59.0-130	J4	J4	12.1	20
n-Propylbenzene	5.00	4.45	4.89	89.0	97.8	74.0-126			9.42	20
Styrene	5.00	4.36	4.70	87.2	94.0	72.0-127			7.51	20
1,1,1,2-Tetrachloroethane	5.00	4.80	5.20	96.0	104	74.0-129			8.00	20
1,1,2,2-Tetrachloroethane	5.00	4.47	4.86	89.4	97.2	68.0-128			8.36	20
1,1,2-Trichlorotrifluoroethane	5.00	4.75	4.88	95.0	97.6	61.0-139			2.70	20
Tetrachloroethene	5.00	5.67	5.97	113	119	70.0-136			5.15	20
Toluene	5.00	4.65	5.12	93.0	102	75.0-121			9.62	20
1,2,3-Trichlorobenzene	5.00	2.26	2.41	45.2	48.2	59.0-139	J4	J4	6.42	20
1,2,4-Trichlorobenzene	5.00	2.87	2.88	57.4	57.6	62.0-137	J4	J4	0.348	20
1,1,1-Trichloroethane	5.00	4.39	4.84	87.8	96.8	69.0-126			9.75	20
1,1,2-Trichloroethane	5.00	4.84	5.15	96.8	103	78.0-123			6.21	20
Trichloroethene	5.00	4.92	5.26	98.4	105	76.0-126			6.68	20
Trichlorofluoromethane	5.00	4.25	4.25	85.0	85.0	61.0-142			0.000	20
1,2,3-Trichloropropane	5.00	4.69	5.18	93.8	104	67.0-129			9.93	20
1,2,4-Trimethylbenzene	5.00	4.05	4.47	81.0	89.4	70.0-126			9.86	20
1,2,3-Trimethylbenzene	5.00	3.85	4.28	77.0	85.6	74.0-124			10.6	20
1,3,5-Trimethylbenzene	5.00	4.16	4.54	83.2	90.8	73.0-127			8.74	20
Vinyl chloride	5.00	3.79	4.31	75.8	86.2	63.0-134			12.8	20
Xylenes, Total	15.0	14.1	15.0	94.0	100	72.0-127			6.19	20
Ethyl Ether	5.00	4.50	4.75	90.0	95.0	64.0-137			5.41	20
Tetrahydrofuran	5.00	3.75	3.29	75.0	65.8	37.0-146			13.1	24
Iodomethane	25.0	20.5	22.3	82.0	89.2	74.0-134			8.41	20
Allyl chloride	25.0	20.6	22.1	82.4	88.4	70.0-131			7.03	20
Trans-1,4-Dichloro-2-butene	5.00	3.55	4.06	71.0	81.2	45.0-143			13.4	20
(S) Toluene-d8				103	103	75.0-131				
(S) 4-Bromofluorobenzene				97.6	94.7	67.0-138				
(S) 1,2-Dichloroethane-d4				91.8	91.3	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4076928-2 06/02/24 20:31

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
Tetrahydrofuran	U		0.0900	0.500
(S) Toluene-d8	98.4			75.0-131
(S) 4-Bromofluorobenzene	103			67.0-138
(S) 1,2-Dichloroethane-d4	103			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4076928-1 06/02/24 19:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	5.00	4.67	93.4	73.0-125	
Tetrachloroethene	5.00	4.78	95.6	70.0-136	
Trichloroethene	5.00	4.99	99.8	76.0-126	
Tetrahydrofuran	5.00	3.39	67.8	37.0-146	
(S) Toluene-d8			97.8	75.0-131	
(S) 4-Bromofluorobenzene			102	67.0-138	
(S) 1,2-Dichloroethane-d4			106	70.0-130	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4077227-3 06/03/24 10:30

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
Dichlorodifluoromethane	U		0.0327	0.200
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
Hexachloro-1,3-butadiene	U		0.508	1.00
Isopropylbenzene	U		0.0345	0.100

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4077227-3 06/03/24 10:30

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
p-Isopropyltoluene	0.102	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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	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
Ethyl Ether	U		0.0170	0.100
Tetrahydrofuran	U		0.0900	0.500
Iodomethane	U		0.242	0.500
Allyl chloride	U		0.580	1.00
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200
(S) Toluene-d8	94.6			75.0-131
(S) 4-Bromofluorobenzene	102			67.0-138
(S) 1,2-Dichloroethane-d4	93.0			70.0-130

¹Cp

²Tc

³Ss

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⁶Qc

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

(LCS) R4077227-1 06/03/24 09:02 • (LCSD) R4077227-2 06/03/24 09:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	19.0	24.8	76.0	99.2	10.0-160			26.5	31
Acrylonitrile	25.0	24.1	24.0	96.4	96.0	45.0-153			0.416	22
Benzene	5.00	4.92	4.73	98.4	94.6	70.0-123			3.94	20
Bromobenzene	5.00	4.75	4.65	95.0	93.0	73.0-121			2.13	20
Bromodichloromethane	5.00	4.42	4.38	88.4	87.6	73.0-121			0.909	20
Bromoform	5.00	4.29	4.42	85.8	88.4	64.0-132			2.99	20
Bromomethane	5.00	3.47	4.32	69.4	86.4	56.0-147		J3	21.8	20
n-Butylbenzene	5.00	4.75	4.12	95.0	82.4	68.0-135			14.2	20
sec-Butylbenzene	5.00	5.65	4.90	113	98.0	74.0-130			14.2	20
tert-Butylbenzene	5.00	4.11	4.14	82.2	82.8	75.0-127			0.727	20
Carbon tetrachloride	5.00	4.56	4.46	91.2	89.2	66.0-128			2.22	20
Chlorobenzene	5.00	5.10	4.79	102	95.8	76.0-128			6.27	20
Chlorodibromomethane	5.00	4.09	4.01	81.8	80.2	74.0-127			1.98	20
Chloroethane	5.00	4.13	4.92	82.6	98.4	61.0-134			17.5	20
Chloroform	5.00	4.65	4.64	93.0	92.8	72.0-123			0.215	20
Chloromethane	5.00	5.40	5.51	108	110	51.0-138			2.02	20
2-Chlorotoluene	5.00	4.62	4.26	92.4	85.2	75.0-124			8.11	20
4-Chlorotoluene	5.00	5.26	4.64	105	92.8	75.0-124			12.5	20
1,2-Dibromo-3-Chloropropane	5.00	3.85	4.28	77.0	85.6	59.0-130			10.6	20
1,2-Dibromoethane	5.00	4.63	4.43	92.6	88.6	74.0-128			4.42	20
Dibromomethane	5.00	4.80	4.74	96.0	94.8	75.0-122			1.26	20
1,2-Dichlorobenzene	5.00	4.88	4.80	97.6	96.0	76.0-124			1.65	20
1,3-Dichlorobenzene	5.00	4.90	4.61	98.0	92.2	76.0-125			6.10	20
1,4-Dichlorobenzene	5.00	4.67	4.52	93.4	90.4	77.0-121			3.26	20
Dichlorodifluoromethane	5.00	5.76	5.33	115	107	43.0-156			7.75	20
1,1-Dichloroethane	5.00	4.80	4.91	96.0	98.2	70.0-127			2.27	20
1,2-Dichloroethane	5.00	4.20	4.15	84.0	83.0	65.0-131			1.20	20
1,1-Dichloroethene	5.00	4.86	4.68	97.2	93.6	65.0-131			3.77	20
cis-1,2-Dichloroethene	5.00	4.67	4.69	93.4	93.8	73.0-125			0.427	20
trans-1,2-Dichloroethene	5.00	4.80	4.98	96.0	99.6	71.0-125			3.68	20
1,2-Dichloropropane	5.00	4.53	4.68	90.6	93.6	74.0-125			3.26	20
1,1-Dichloropropene	5.00	5.02	4.74	100	94.8	73.0-125			5.74	20
1,3-Dichloropropane	5.00	5.16	5.07	103	101	80.0-125			1.76	20
cis-1,3-Dichloropropene	5.00	4.81	4.38	96.2	87.6	76.0-127			9.36	20
trans-1,3-Dichloropropene	5.00	4.37	4.03	87.4	80.6	73.0-127			8.10	20
2,2-Dichloropropane	5.00	4.37	4.21	87.4	84.2	59.0-135			3.73	20
Di-isopropyl ether	5.00	4.79	4.83	95.8	96.6	60.0-136			0.832	20
Ethylbenzene	5.00	4.69	4.80	93.8	96.0	74.0-126			2.32	20
Hexachloro-1,3-butadiene	5.00	4.11	3.81	82.2	76.2	57.0-150			7.58	20
Isopropylbenzene	5.00	4.89	4.80	97.8	96.0	72.0-127			1.86	20

1
Cp

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Al

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Sc

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

(LCS) R4077227-1 06/03/24 09:02 • (LCSD) R4077227-2 06/03/24 09:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
p-Isopropyltoluene	5.00	4.78	4.06	95.6	81.2	72.0-133			16.3	20
2-Butanone (MEK)	25.0	23.4	27.6	93.6	110	30.0-160			16.5	24
Methylene Chloride	5.00	4.68	4.74	93.6	94.8	68.0-123			1.27	20
4-Methyl-2-pentanone (MIBK)	25.0	23.9	24.4	95.6	97.6	56.0-143			2.07	20
Methyl tert-butyl ether	5.00	5.00	5.01	100	100	66.0-132			0.200	20
Naphthalene	5.00	4.51	4.50	90.2	90.0	59.0-130			0.222	20
n-Propylbenzene	5.00	4.87	4.61	97.4	92.2	74.0-126			5.49	20
Styrene	5.00	4.79	4.78	95.8	95.6	72.0-127			0.209	20
1,1,1,2-Tetrachloroethane	5.00	4.45	4.60	89.0	92.0	74.0-129			3.31	20
1,1,2,2-Tetrachloroethane	5.00	4.31	4.16	86.2	83.2	68.0-128			3.54	20
1,1,2-Trichlorotrifluoroethane	5.00	5.29	4.98	106	99.6	61.0-139			6.04	20
Tetrachloroethene	5.00	4.55	4.38	91.0	87.6	70.0-136			3.81	20
Toluene	5.00	4.54	4.55	90.8	91.0	75.0-121			0.220	20
1,2,3-Trichlorobenzene	5.00	4.43	4.43	88.6	88.6	59.0-139			0.000	20
1,2,4-Trichlorobenzene	5.00	4.59	4.38	91.8	87.6	62.0-137			4.68	20
1,1,1-Trichloroethane	5.00	4.54	4.54	90.8	90.8	69.0-126			0.000	20
1,1,2-Trichloroethane	5.00	4.77	4.69	95.4	93.8	78.0-123			1.69	20
Trichloroethene	5.00	4.99	4.75	99.8	95.0	76.0-126			4.93	20
Trichlorofluoromethane	5.00	4.87	5.22	97.4	104	61.0-142			6.94	20
1,2,3-Trichloropropane	5.00	4.49	4.81	89.8	96.2	67.0-129			6.88	20
1,2,4-Trimethylbenzene	5.00	4.40	4.10	88.0	82.0	70.0-126			7.06	20
1,2,3-Trimethylbenzene	5.00	4.71	4.38	94.2	87.6	74.0-124			7.26	20
1,3,5-Trimethylbenzene	5.00	4.47	4.23	89.4	84.6	73.0-127			5.52	20
Vinyl chloride	5.00	5.29	5.05	106	101	63.0-134			4.64	20
Xylenes, Total	15.0	14.2	14.1	94.7	94.0	72.0-127			0.707	20
Ethyl Ether	5.00	4.87	5.29	97.4	106	64.0-137			8.27	20
Tetrahydrofuran	5.00	3.92	9.07	78.4	181	37.0-146		J3 J4	79.3	24
Iodomethane	25.0	21.8	22.2	87.2	88.8	74.0-134			1.82	20
Allyl chloride	25.0	23.6	23.5	94.4	94.0	70.0-131			0.425	20
Trans-1,4-Dichloro-2-butene	5.00	4.95	4.02	99.0	80.4	45.0-143		J3	20.7	20
(S) Toluene-d8				95.3	99.0	75.0-131				
(S) 4-Bromofluorobenzene				99.7	106	67.0-138				
(S) 1,2-Dichloroethane-d4				91.1	90.3	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

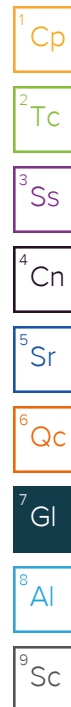
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
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.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

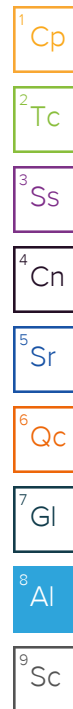
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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	LA000356
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		

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

* 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 Analytical.



PES Environmental, Inc.- WA

2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:

Attn: Accounts Payable
2101 4th Avenue, Suite 1310
Seattle, WA 98121

Pres
Chk

Report to:
Daniel Balbiani (ALP Q2)

Email To: Sam.gruber@nv5.com
jessica.babb@nv5.com;natalie.wisdom@nv5.co

Project Description:
American Linen Q2 2024

City/State
Collected: Seattle, WA

Please Circle:
PT MT CT ET

Phone: 206-529-3980

Client Project #
443022-1413001.10

Lab Project #
PESENVSWA-ALP

Collected by (print):
Devlin Del Giudice

Site/Facility ID #

P.O. #
443022-1413001.10.701

Collected by (signature):

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

No.
of
Cntrs

Immediately
Packed on Ice N ___ Y ☒

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

No.
of
Cntrs

MW-145R-052224

G

GW

—

05/22/24

0916

8

MW-144R-052224

1

GW

—

0952

8

MW-160-052224

1

GW

—

1055

3

MW-111-052224

1

GW

—

1212

3

MW-313-052224

1

GW

—

1243

3

MW-314-052224

1

GW

—

1316

3

MW-110-052224

1

GW

—

1345

3

MW-322-052224

1

GW

—

1333

3

MW-323-052224

1

GW

—

1242

3

MW-161-052224

1

GW

—

0936

3

* Matrix:

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

Remarks:

Samples returned via:

___ UPS ___ FedEx ___ Courier

Tracking #

7411

4519

3111

pH ___ Temp ___

Flow ___ Other ___

Sample Receipt Checklist

COC Seal Present/Intact: ___ NP ___ 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:

5/22/24

Time:

1535

Received by: (Signature)

Trip Blank Received: Yes/ No

1/83
HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received:

EDAG 5.04.15 5.1

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

5-23-24 9:00

Hold:

Condition:
NCF / OK

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG #

B160

Acctnum: PESENVSWA

Template: T252143

Prelogin: P1073076

PM: 546 - Jared Starkey

PB: LM 5/14/24

Shipped Via:

Remarks

Sample # (lab only)

-01

-02

-03

-04

-05

-06

-07

-08

-09

-10

PES Environmental, Inc.- WA

2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Attn: Accounts Payable
2101 4th Avenue, Suite 1310
Seattle, WA 98121

Pres
Chk

Report to:
Daniel Balbiani (ALP Q2)

Email To: Sam.graher@nv5.com
jessica.babb@nv5.com; natalie.wisdom@nv5.com

Project Description:
American Linen Q2 2024

City/State
Collected: Seattle, WA

Please Circle:
PT MT CT ET

Phone: 206-529-3980

Client Project #
443022-1413001.10

Lab Project #
PESENVSWA-ALP

Collected by (print):
Devlin Bel Grindice

Site/Facility ID #

P.O. #
443022-1413001.10.701

Collected by (signature):

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

No.
of
Cntrs

Immediately
Packed on Ice N ___ Y ☒

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

R-MW6-052224

G

GW

—

05/22/24

1105

8

MW 104-052224

GW

—

1153

3

W1-MW-01-052224

GW

—

1038

3

MW 107-052224

GW

—

0848

8

MW-989-052224

GW

—

1200

3

MW 05-052224

GW

—

1144

3

MW-138-052224

GW

—

1311

3

MW-304-052224

GW

—

1444

3

BB-8-052224

GW

—

1121

3

MW-319-052224

↓

GW

—

1247

3

* Matrix:

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

Remarks: VOCs only for R-MW6-052224

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:

___ UPS ___ FedEx ___ Courier

Tracking #

7411

4519

3111

Relinquished by: (Signature)

Date:

5/22/24

Time:

1535

Received by: (Signature)

Trip Blank Received: Yes / No

HCl / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received:

EDAL 5.04.125.1

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

5-23-24 9:00

Hold:

Condition:
NCF / 67

Analysis / Container / Preservative

Chain of Custody Page 2 of 3



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG #

1739788

Table #

Acctnum: PESENVSWA

Template: T252143

Prelogin: P1073076

PM: 546 - Jared Starkey

PB: LM 5/14/24

Shipped Via:

Remarks

Sample # (lab only)

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

Company Name/Address:
PES Environmental, Inc.- WA

2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:

Attn: Accounts Payable
2101 4th Avenue, Suite 1310
Seattle, WA 98121

Pres
Chk

Analysis / Container / Preservative

Chain of Custody
Page 3 of 3

Report to:
Daniel Balbiani (ALP Q2)

Email To: *Sam.gruber@nvs.com*
Jessica.babb@nvs.com; nathalie.wisdom@nvs.com

Project Description:
American Linen Q2 2024

City/State
Collected:

Please Circle:
PT MT CT ET

Phone: **206-529-3980**

Client Project #
443022-1413001.10.701.02

Lab Project #
PESENVSWA-ALP

Collected by (print):
Devlin Del Giudice

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

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

No.
of
Cnts

Immediately
Packed on Ice N ___ Y ☒

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cnts	FEG,MNG 6020 250mlHDPE-HNO3	RSK175LL 40mlAmb-HCl	SULFATE 9056 125mlHDPE-NoPres	TOC 9060 250mlAmb-HCl	V8260ULL 40mlAmb-HCl								
MW-318-052224	G	GW	-	5/22/24	1322	3					X								
FMW-141-052224	↓	GW	-	↓	1437	3					X								
TB-052224	↓	GW	-	↓	-	1					X								
		GW																	
		GW																	
		GW																	
		GW																	
		GW																	
		GW																	
		GW																	
		GW																	
		GW																	

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

Remarks:

Samples returned via:
___ UPS ___ FedEx ___ Courier

Tracking #
7411 4519 3111

Relinquished by: (Signature)
[Signature]

Date:
5/22/24

Time:
1535

Received by: (Signature)

Trip Blank Received: Yes/No
18 HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C
EDAL 5.02.15.1

Bottles Received:

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)
[Signature]

Date:
5-23-24

Time:
9:00

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 Headpace: ___ Y ___ N
Preservation Correct/Checked: ___ Y ___ N
RAD Screen <0.5 mR/hr: ___ Y ___ N

If preservation required by Login: Date/Time

July 11, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

PES Environmental, Inc.- WA

Sample Delivery Group: L1740435
Samples Received: 05/24/2024
Project Number: 443022-1413001.10.70
Description: American Linen

Report To: Daniel Balbiani
2101 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 mydata.pacelabs.com

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

SAMPLE SUMMARY

MW-182-052324 L1740435-01 GW

Collected by Devlin Del Giudice Collected date/time 05/23/24 10:06 Received date/time 05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2304423	1	06/15/24 05:19	06/15/24 05:19	KMC	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2303844	1	06/13/24 09:31	06/13/24 09:31	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2297666	1	06/05/24 13:20	07/10/24 20:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296094	1	06/02/24 10:50	06/02/24 10:50	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297076	10	06/02/24 12:39	06/02/24 12:39	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	1000	06/01/24 05:40	06/01/24 05:40	KSD	Mt. Juliet, TN

MW-184-052324 L1740435-02 GW

Collected by Devlin Del Giudice Collected date/time 05/23/24 11:04 Received date/time 05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2304423	1	06/15/24 06:13	06/15/24 06:13	KMC	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2303844	1	06/13/24 09:55	06/13/24 09:55	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2297666	1	06/05/24 13:20	07/10/24 22:11	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296094	1	06/02/24 11:34	06/02/24 11:34	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	20	06/01/24 05:59	06/01/24 05:59	KSD	Mt. Juliet, TN

MW-183-052324 L1740435-03 GW

Collected by Devlin Del Giudice Collected date/time 05/23/24 12:01 Received date/time 05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2304423	1	06/15/24 06:39	06/15/24 06:39	KMC	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2303844	1	06/13/24 11:00	06/13/24 11:00	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2297666	1	06/05/24 13:20	07/10/24 22:14	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296094	1	06/02/24 11:42	06/02/24 11:42	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297076	10	06/02/24 12:46	06/02/24 12:46	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	100	06/01/24 06:18	06/01/24 06:18	KSD	Mt. Juliet, TN

MW-181-052324 L1740435-04 GW

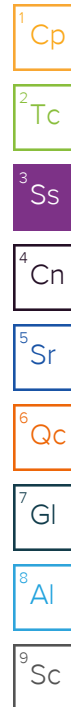
Collected by Devlin Del Giudice Collected date/time 05/23/24 12:42 Received date/time 05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2304423	1	06/15/24 07:06	06/15/24 07:06	KMC	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2303844	1	06/13/24 11:45	06/13/24 11:45	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2297670	1	06/06/24 13:49	07/10/24 23:49	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296667	1	06/02/24 15:39	06/02/24 15:39	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	200	06/01/24 06:37	06/01/24 06:37	KSD	Mt. Juliet, TN

MW-179-052324 L1740435-05 GW

Collected by Devlin Del Giudice Collected date/time 05/23/24 14:18 Received date/time 05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2304423	1	06/15/24 08:13	06/15/24 08:13	KMC	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2303844	1	06/13/24 12:55	06/13/24 12:55	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2297670	1	06/06/24 13:49	07/11/24 00:39	SJM	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2297670	10	06/06/24 13:49	07/11/24 13:19	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296667	1	06/02/24 15:49	06/02/24 15:49	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	50	06/01/24 06:56	06/01/24 06:56	KSD	Mt. Juliet, TN



SAMPLE SUMMARY

MW-324-052324 L1740435-06 GW

				Collected by Devlin Del Giudice	Collected date/time 05/23/24 10:37	Received date/time 05/24/24 10:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	25	06/01/24 07:15	06/01/24 07:15	KSD	Mt. Juliet, TN

MW-190-052324 L1740435-07 GW

				Collected by Devlin Del Giudice	Collected date/time 05/23/24 09:56	Received date/time 05/24/24 10:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	1	06/01/24 03:27	06/01/24 03:27	KSD	Mt. Juliet, TN

MW-189-052324 L1740435-08 GW

				Collected by Devlin Del Giudice	Collected date/time 05/23/24 09:23	Received date/time 05/24/24 10:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	1	06/01/24 03:46	06/01/24 03:46	KSD	Mt. Juliet, TN

MW-341-052324 L1740435-09 GW

				Collected by Devlin Del Giudice	Collected date/time 05/23/24 11:13	Received date/time 05/24/24 10:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	1	06/01/24 04:05	06/01/24 04:05	KSD	Mt. Juliet, TN

MW-328-052324 L1740435-10 GW

				Collected by Devlin Del Giudice	Collected date/time 05/23/24 11:38	Received date/time 05/24/24 10:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	1	06/01/24 04:24	06/01/24 04:24	KSD	Mt. Juliet, TN

MW116-052324 L1740435-11 GW

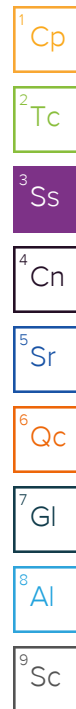
				Collected by Devlin Del Giudice	Collected date/time 05/23/24 14:11	Received date/time 05/24/24 10:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	1	06/01/24 04:43	06/01/24 04:43	KSD	Mt. Juliet, TN

GEI-MW-1-052324 L1740435-12 GW

				Collected by Devlin Del Giudice	Collected date/time 05/23/24 12:12	Received date/time 05/24/24 10:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	1	06/01/24 05:02	06/01/24 05:02	KSD	Mt. Juliet, TN

MW-177-052324 L1740435-13 GW

				Collected by Devlin Del Giudice	Collected date/time 05/23/24 14:06	Received date/time 05/24/24 10:30
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2304407	1	06/15/24 12:28	06/15/24 12:28	KMC	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2303844	1	06/13/24 13:12	06/13/24 13:12	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2297670	1	06/06/24 13:49	07/11/24 00:49	SJM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296667	1	06/02/24 15:54	06/02/24 15:54	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297153	10	06/02/24 16:51	06/02/24 16:51	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	200	06/01/24 07:34	06/01/24 07:34	KSD	Mt. Juliet, TN



SAMPLE SUMMARY

FMW-131-052324 L1740435-14 GW

Collected by
Devlin Del Giudice

Collected date/time
05/23/24 09:16

Received date/time
05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2296518	1	06/01/24 05:21	06/01/24 05:21	KSD	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GEI-2-052324 L1740435-15 GW

Collected by
Devlin Del Giudice

Collected date/time
05/23/24 10:12

Received date/time
05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297173	1	06/03/24 05:00	06/03/24 05:00	KSD	Mt. Juliet, TN

FMW-129-052324 L1740435-16 GW

Collected by
Devlin Del Giudice

Collected date/time
05/23/24 12:00

Received date/time
05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297173	1	06/03/24 05:18	06/03/24 05:18	KSD	Mt. Juliet, TN

MW128-052324 L1740435-17 GW

Collected by
Devlin Del Giudice

Collected date/time
05/23/24 13:21

Received date/time
05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297173	1	06/03/24 05:38	06/03/24 05:38	KSD	Mt. Juliet, TN

MW-329-052324 L1740435-18 GW

Collected by
Devlin Del Giudice

Collected date/time
05/23/24 13:55

Received date/time
05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297173	1	06/03/24 05:57	06/03/24 05:57	KSD	Mt. Juliet, TN

TB-052324 L1740435-19 GW

Collected by
Devlin Del Giudice

Collected date/time
05/23/24 00:00

Received date/time
05/24/24 10:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297173	1	06/03/24 03:05	06/03/24 03:05	KSD	Mt. Juliet, TN

CASE NARRATIVE

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

pH outside of method requirement.

<u>Lab Sample ID</u>	<u>Project Sample ID</u>	<u>Method</u>
L1740435-05	MW-179-052324	8260D

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 date / time	Batch
Sulfate	1240	J	594	5000	1	06/15/2024 05:19	WG2304423

1Cp

2Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	30600		102	1000	1	06/13/2024 09:31	WG2303844

3Ss

4Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	17800	V	28.1	100	1	07/10/2024 20:48	WG2297666
Manganese	2930	V	0.704	5.00	1	07/10/2024 20:48	WG2297666

5Sr

6Qc

7Gl

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	27300		2.87	6.78	10	06/02/2024 12:39	WG2297076
Ethane	231		0.296	1.29	1	06/02/2024 10:50	WG2296094
Ethene	2920		0.422	1.27	1	06/02/2024 10:50	WG2296094

8Al

9Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		548	1000	1000	06/01/2024 05:40	WG2296518
Acrylonitrile	U		76.0	500	1000	06/01/2024 05:40	WG2296518
Benzene	U		16.0	40.0	1000	06/01/2024 05:40	WG2296518
Bromobenzene	U		42.0	500	1000	06/01/2024 05:40	WG2296518
Bromochloromethane	U		45.2	200	1000	06/01/2024 05:40	WG2296518
Bromodichloromethane	U		31.5	100	1000	06/01/2024 05:40	WG2296518
Bromoform	U		239	1000	1000	06/01/2024 05:40	WG2296518
Bromomethane	U		148	500	1000	06/01/2024 05:40	WG2296518
n-Butylbenzene	U		153	500	1000	06/01/2024 05:40	WG2296518
sec-Butylbenzene	U		101	500	1000	06/01/2024 05:40	WG2296518
tert-Butylbenzene	U		62.0	200	1000	06/01/2024 05:40	WG2296518
Carbon disulfide	U		162	500	1000	06/01/2024 05:40	WG2296518
Carbon tetrachloride	U		43.2	200	1000	06/01/2024 05:40	WG2296518
Chlorobenzene	U		22.9	100	1000	06/01/2024 05:40	WG2296518
Chlorodibromomethane	U		18.0	100	1000	06/01/2024 05:40	WG2296518
Chloroethane	U		43.2	200	1000	06/01/2024 05:40	WG2296518
Chloroform	U		16.6	100	1000	06/01/2024 05:40	WG2296518
Chloromethane	U		55.6	500	1000	06/01/2024 05:40	WG2296518
2-Chlorotoluene	U		36.8	100	1000	06/01/2024 05:40	WG2296518
4-Chlorotoluene	U		45.2	200	1000	06/01/2024 05:40	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	204	1000	1000	06/01/2024 05:40	WG2296518
1,2-Dibromoethane	U		21.0	100	1000	06/01/2024 05:40	WG2296518
Dibromomethane	U		40.0	200	1000	06/01/2024 05:40	WG2296518
1,2-Dichlorobenzene	U		58.0	200	1000	06/01/2024 05:40	WG2296518
1,3-Dichlorobenzene	U		68.0	200	1000	06/01/2024 05:40	WG2296518
1,4-Dichlorobenzene	U		78.8	200	1000	06/01/2024 05:40	WG2296518
trans-1,4-Dichloro-2-butene	U		56.0	200	1000	06/01/2024 05:40	WG2296518
Dichlorodifluoromethane	U		32.7	200	1000	06/01/2024 05:40	WG2296518
1,1-Dichloroethane	U		23.0	100	1000	06/01/2024 05:40	WG2296518
1,2-Dichloroethane	U		19.0	100	1000	06/01/2024 05:40	WG2296518
1,1-Dichloroethene	26.0	J	20.0	100	1000	06/01/2024 05:40	WG2296518

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	27900		27.6	100	1000	06/01/2024 05:40	WG2296518
trans-1,2-Dichloroethene	U		57.2	200	1000	06/01/2024 05:40	WG2296518
1,2-Dichloropropane	U		50.8	200	1000	06/01/2024 05:40	WG2296518
1,1-Dichloropropene	U		28.0	100	1000	06/01/2024 05:40	WG2296518
1,3-Dichloropropane	U		70.0	200	1000	06/01/2024 05:40	WG2296518
cis-1,3-Dichloropropene	U		27.1	100	1000	06/01/2024 05:40	WG2296518
trans-1,3-Dichloropropene	U		61.2	200	1000	06/01/2024 05:40	WG2296518
2,2-Dichloropropane	U		31.7	100	1000	06/01/2024 05:40	WG2296518
Di-isopropyl ether	U		14.0	40.0	1000	06/01/2024 05:40	WG2296518
Ethylbenzene	U		21.2	100	1000	06/01/2024 05:40	WG2296518
Hexachloro-1,3-butadiene	U	C3	508	1000	1000	06/01/2024 05:40	WG2296518
2-Hexanone	U		400	1000	1000	06/01/2024 05:40	WG2296518
n-Hexane	U		42.4	200	1000	06/01/2024 05:40	WG2296518
Iodomethane	U		242	500	1000	06/01/2024 05:40	WG2296518
Isopropylbenzene	U		34.5	100	1000	06/01/2024 05:40	WG2296518
p-Isopropyltoluene	U		93.2	200	1000	06/01/2024 05:40	WG2296518
2-Butanone (MEK)	U		500	1000	1000	06/01/2024 05:40	WG2296518
Methylene Chloride	U		265	1000	1000	06/01/2024 05:40	WG2296518
4-Methyl-2-pentanone (MIBK)	U		400	1000	1000	06/01/2024 05:40	WG2296518
Methyl tert-butyl ether	U		11.8	40.0	1000	06/01/2024 05:40	WG2296518
Naphthalene	U	C3 J4	124	500	1000	06/01/2024 05:40	WG2296518
n-Propylbenzene	U		47.2	200	1000	06/01/2024 05:40	WG2296518
Styrene	U		109	500	1000	06/01/2024 05:40	WG2296518
1,1,1,2-Tetrachloroethane	U		20.0	100	1000	06/01/2024 05:40	WG2296518
1,1,2,2-Tetrachloroethane	U		15.6	100	1000	06/01/2024 05:40	WG2296518
1,1,2-Trichlorotrifluoroethane	U		27.0	100	1000	06/01/2024 05:40	WG2296518
Tetrachloroethene	102	C5	28.0	100	1000	06/01/2024 05:40	WG2296518
Toluene	U		50.0	200	1000	06/01/2024 05:40	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	25.0	500	1000	06/01/2024 05:40	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	193	500	1000	06/01/2024 05:40	WG2296518
1,1,1-Trichloroethane	U		11.0	100	1000	06/01/2024 05:40	WG2296518
1,1,2-Trichloroethane	U		35.3	100	1000	06/01/2024 05:40	WG2296518
Trichloroethene	108		16.0	40.0	1000	06/01/2024 05:40	WG2296518
Trichlorofluoromethane	U		20.0	100	1000	06/01/2024 05:40	WG2296518
1,2,3-Trichloropropane	U		204	500	1000	06/01/2024 05:40	WG2296518
1,2,4-Trimethylbenzene	U		46.4	200	1000	06/01/2024 05:40	WG2296518
1,2,3-Trimethylbenzene	U		46.0	200	1000	06/01/2024 05:40	WG2296518
1,3,5-Trimethylbenzene	U		43.2	200	1000	06/01/2024 05:40	WG2296518
Vinyl acetate	U		141	500	1000	06/01/2024 05:40	WG2296518
Vinyl chloride	13400		27.3	100	1000	06/01/2024 05:40	WG2296518
Xylenes, Total	U		191	260	1000	06/01/2024 05:40	WG2296518
(S) Toluene-d8	102			75.0-131		06/01/2024 05:40	WG2296518
(S) 4-Bromofluorobenzene	97.4			67.0-138		06/01/2024 05:40	WG2296518
(S) 1,2-Dichloroethane-d4	104			70.0-130		06/01/2024 05:40	WG2296518

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 date / time	Batch
Sulfate	11700		594	5000	1	06/15/2024 06:13	WG2304423

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	5040		102	1000	1	06/13/2024 09:55	WG2303844

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	1780		28.1	100	1	07/10/2024 22:11	WG2297666
Manganese	1350		0.704	5.00	1	07/10/2024 22:11	WG2297666

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	3020		0.287	0.678	1	06/02/2024 11:34	WG2296094
Ethane	7.59		0.296	1.29	1	06/02/2024 11:34	WG2296094
Ethene	67.6		0.422	1.27	1	06/02/2024 11:34	WG2296094

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		11.0	20.0	20	06/01/2024 05:59	WG2296518
Acrylonitrile	U		1.52	10.0	20	06/01/2024 05:59	WG2296518
Benzene	U		0.320	0.800	20	06/01/2024 05:59	WG2296518
Bromobenzene	U		0.840	10.0	20	06/01/2024 05:59	WG2296518
Bromochloromethane	U		0.904	4.00	20	06/01/2024 05:59	WG2296518
Bromodichloromethane	U		0.630	2.00	20	06/01/2024 05:59	WG2296518
Bromoform	U		4.78	20.0	20	06/01/2024 05:59	WG2296518
Bromomethane	U		2.96	10.0	20	06/01/2024 05:59	WG2296518
n-Butylbenzene	U		3.06	10.0	20	06/01/2024 05:59	WG2296518
sec-Butylbenzene	U		2.02	10.0	20	06/01/2024 05:59	WG2296518
tert-Butylbenzene	U		1.24	4.00	20	06/01/2024 05:59	WG2296518
Carbon disulfide	U		3.24	10.0	20	06/01/2024 05:59	WG2296518
Carbon tetrachloride	U		0.864	4.00	20	06/01/2024 05:59	WG2296518
Chlorobenzene	U		0.458	2.00	20	06/01/2024 05:59	WG2296518
Chlorodibromomethane	U		0.360	2.00	20	06/01/2024 05:59	WG2296518
Chloroethane	U		0.864	4.00	20	06/01/2024 05:59	WG2296518
Chloroform	U		0.332	2.00	20	06/01/2024 05:59	WG2296518
Chloromethane	U		1.11	10.0	20	06/01/2024 05:59	WG2296518
2-Chlorotoluene	U		0.736	2.00	20	06/01/2024 05:59	WG2296518
4-Chlorotoluene	U		0.904	4.00	20	06/01/2024 05:59	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	4.08	20.0	20	06/01/2024 05:59	WG2296518
1,2-Dibromoethane	U		0.420	2.00	20	06/01/2024 05:59	WG2296518
Dibromomethane	U		0.800	4.00	20	06/01/2024 05:59	WG2296518
1,2-Dichlorobenzene	U		1.16	4.00	20	06/01/2024 05:59	WG2296518
1,3-Dichlorobenzene	U		1.36	4.00	20	06/01/2024 05:59	WG2296518
1,4-Dichlorobenzene	U		1.58	4.00	20	06/01/2024 05:59	WG2296518
trans-1,4-Dichloro-2-butene	U		1.12	4.00	20	06/01/2024 05:59	WG2296518
Dichlorodifluoromethane	U		0.654	4.00	20	06/01/2024 05:59	WG2296518
1,1-Dichloroethane	U		0.460	2.00	20	06/01/2024 05:59	WG2296518
1,2-Dichloroethane	U		0.380	2.00	20	06/01/2024 05:59	WG2296518
1,1-Dichloroethene	5.20		0.400	2.00	20	06/01/2024 05:59	WG2296518



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	84.4		0.552	2.00	20	06/01/2024 05:59	WG2296518
trans-1,2-Dichloroethene	1.38	J	1.14	4.00	20	06/01/2024 05:59	WG2296518
1,2-Dichloropropane	U		1.02	4.00	20	06/01/2024 05:59	WG2296518
1,1-Dichloropropene	U		0.560	2.00	20	06/01/2024 05:59	WG2296518
1,3-Dichloropropane	U		1.40	4.00	20	06/01/2024 05:59	WG2296518
cis-1,3-Dichloropropene	U		0.542	2.00	20	06/01/2024 05:59	WG2296518
trans-1,3-Dichloropropene	U		1.22	4.00	20	06/01/2024 05:59	WG2296518
2,2-Dichloropropane	U		0.634	2.00	20	06/01/2024 05:59	WG2296518
Di-isopropyl ether	U		0.280	0.800	20	06/01/2024 05:59	WG2296518
Ethylbenzene	U		0.424	2.00	20	06/01/2024 05:59	WG2296518
Hexachloro-1,3-butadiene	U	C3	10.2	20.0	20	06/01/2024 05:59	WG2296518
2-Hexanone	U		8.00	20.0	20	06/01/2024 05:59	WG2296518
n-Hexane	U		0.848	4.00	20	06/01/2024 05:59	WG2296518
Iodomethane	U		4.84	10.0	20	06/01/2024 05:59	WG2296518
Isopropylbenzene	U		0.690	2.00	20	06/01/2024 05:59	WG2296518
p-Isopropyltoluene	U		1.86	4.00	20	06/01/2024 05:59	WG2296518
2-Butanone (MEK)	U		10.0	20.0	20	06/01/2024 05:59	WG2296518
Methylene Chloride	U		5.30	20.0	20	06/01/2024 05:59	WG2296518
4-Methyl-2-pentanone (MIBK)	U		8.00	20.0	20	06/01/2024 05:59	WG2296518
Methyl tert-butyl ether	U		0.236	0.800	20	06/01/2024 05:59	WG2296518
Naphthalene	U	C3 J4	2.48	10.0	20	06/01/2024 05:59	WG2296518
n-Propylbenzene	U		0.944	4.00	20	06/01/2024 05:59	WG2296518
Styrene	U		2.18	10.0	20	06/01/2024 05:59	WG2296518
1,1,1,2-Tetrachloroethane	U		0.400	2.00	20	06/01/2024 05:59	WG2296518
1,1,2,2-Tetrachloroethane	U		0.312	2.00	20	06/01/2024 05:59	WG2296518
1,1,2-Trichlorotrifluoroethane	U		0.540	2.00	20	06/01/2024 05:59	WG2296518
Tetrachloroethene	87.8	C5	0.560	2.00	20	06/01/2024 05:59	WG2296518
Toluene	U		1.00	4.00	20	06/01/2024 05:59	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	0.500	10.0	20	06/01/2024 05:59	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	3.86	10.0	20	06/01/2024 05:59	WG2296518
1,1,1-Trichloroethane	U		0.220	2.00	20	06/01/2024 05:59	WG2296518
1,1,2-Trichloroethane	U		0.706	2.00	20	06/01/2024 05:59	WG2296518
Trichloroethene	117		0.320	0.800	20	06/01/2024 05:59	WG2296518
Trichlorofluoromethane	U		0.400	2.00	20	06/01/2024 05:59	WG2296518
1,2,3-Trichloropropane	U		4.08	10.0	20	06/01/2024 05:59	WG2296518
1,2,4-Trimethylbenzene	U		0.928	4.00	20	06/01/2024 05:59	WG2296518
1,2,3-Trimethylbenzene	U		0.920	4.00	20	06/01/2024 05:59	WG2296518
1,3,5-Trimethylbenzene	U		0.864	4.00	20	06/01/2024 05:59	WG2296518
Vinyl acetate	U		2.82	10.0	20	06/01/2024 05:59	WG2296518
Vinyl chloride	63.2		0.546	2.00	20	06/01/2024 05:59	WG2296518
Xylenes, Total	U		3.82	5.20	20	06/01/2024 05:59	WG2296518
(S) Toluene-d8	103			75.0-131		06/01/2024 05:59	WG2296518
(S) 4-Bromofluorobenzene	98.8			67.0-138		06/01/2024 05:59	WG2296518
(S) 1,2-Dichloroethane-d4	103			70.0-130		06/01/2024 05:59	WG2296518

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Sulfate	19000		594	5000	1	06/15/2024 06:39	WG2304423

1Cp

2Tc

Wet Chemistry by Method 9060A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	10700		102	1000	1	06/13/2024 11:00	WG2303844

3Ss

4Cn

Metals (ICPMS) by Method 6020B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Iron	2650		28.1	100	1	07/10/2024 22:14	WG2297666
Manganese	1330		0.704	5.00	1	07/10/2024 22:14	WG2297666

5Sr

6Qc

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Methane	36600		2.87	6.78	10	06/02/2024 12:46	WG2297076
Ethane	5.04		0.296	1.29	1	06/02/2024 11:42	WG2296094
Ethene	353		0.422	1.27	1	06/02/2024 11:42	WG2296094

7Gl

8Al

9Sc

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

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Acetone	U		54.8	100	100	06/01/2024 06:18	WG2296518
Acrylonitrile	U		7.60	50.0	100	06/01/2024 06:18	WG2296518
Benzene	U		1.60	4.00	100	06/01/2024 06:18	WG2296518
Bromobenzene	U		4.20	50.0	100	06/01/2024 06:18	WG2296518
Bromochloromethane	U		4.52	20.0	100	06/01/2024 06:18	WG2296518
Bromodichloromethane	U		3.15	10.0	100	06/01/2024 06:18	WG2296518
Bromoform	U		23.9	100	100	06/01/2024 06:18	WG2296518
Bromomethane	U		14.8	50.0	100	06/01/2024 06:18	WG2296518
n-Butylbenzene	U		15.3	50.0	100	06/01/2024 06:18	WG2296518
sec-Butylbenzene	U		10.1	50.0	100	06/01/2024 06:18	WG2296518
tert-Butylbenzene	U		6.20	20.0	100	06/01/2024 06:18	WG2296518
Carbon disulfide	U		16.2	50.0	100	06/01/2024 06:18	WG2296518
Carbon tetrachloride	U		4.32	20.0	100	06/01/2024 06:18	WG2296518
Chlorobenzene	U		2.29	10.0	100	06/01/2024 06:18	WG2296518
Chlorodibromomethane	U		1.80	10.0	100	06/01/2024 06:18	WG2296518
Chloroethane	U		4.32	20.0	100	06/01/2024 06:18	WG2296518
Chloroform	U		1.66	10.0	100	06/01/2024 06:18	WG2296518
Chloromethane	U		5.56	50.0	100	06/01/2024 06:18	WG2296518
2-Chlorotoluene	U		3.68	10.0	100	06/01/2024 06:18	WG2296518
4-Chlorotoluene	U		4.52	20.0	100	06/01/2024 06:18	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	20.4	100	100	06/01/2024 06:18	WG2296518
1,2-Dibromoethane	U		2.10	10.0	100	06/01/2024 06:18	WG2296518
Dibromomethane	U		4.00	20.0	100	06/01/2024 06:18	WG2296518
1,2-Dichlorobenzene	U		5.80	20.0	100	06/01/2024 06:18	WG2296518
1,3-Dichlorobenzene	U		6.80	20.0	100	06/01/2024 06:18	WG2296518
1,4-Dichlorobenzene	U		7.88	20.0	100	06/01/2024 06:18	WG2296518
trans-1,4-Dichloro-2-butene	U		5.60	20.0	100	06/01/2024 06:18	WG2296518
Dichlorodifluoromethane	U		3.27	20.0	100	06/01/2024 06:18	WG2296518
1,1-Dichloroethane	U		2.30	10.0	100	06/01/2024 06:18	WG2296518
1,2-Dichloroethane	U		1.90	10.0	100	06/01/2024 06:18	WG2296518
1,1-Dichloroethene	U		2.00	10.0	100	06/01/2024 06:18	WG2296518

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	205		2.76	10.0	100	06/01/2024 06:18	WG2296518
trans-1,2-Dichloroethene	U		5.72	20.0	100	06/01/2024 06:18	WG2296518
1,2-Dichloropropane	U		5.08	20.0	100	06/01/2024 06:18	WG2296518
1,1-Dichloropropene	U		2.80	10.0	100	06/01/2024 06:18	WG2296518
1,3-Dichloropropane	U		7.00	20.0	100	06/01/2024 06:18	WG2296518
cis-1,3-Dichloropropene	U		2.71	10.0	100	06/01/2024 06:18	WG2296518
trans-1,3-Dichloropropene	U		6.12	20.0	100	06/01/2024 06:18	WG2296518
2,2-Dichloropropane	U		3.17	10.0	100	06/01/2024 06:18	WG2296518
Di-isopropyl ether	U		1.40	4.00	100	06/01/2024 06:18	WG2296518
Ethylbenzene	U		2.12	10.0	100	06/01/2024 06:18	WG2296518
Hexachloro-1,3-butadiene	U	C3	50.8	100	100	06/01/2024 06:18	WG2296518
2-Hexanone	U		40.0	100	100	06/01/2024 06:18	WG2296518
n-Hexane	U		4.24	20.0	100	06/01/2024 06:18	WG2296518
Iodomethane	U		24.2	50.0	100	06/01/2024 06:18	WG2296518
Isopropylbenzene	U		3.45	10.0	100	06/01/2024 06:18	WG2296518
p-Isopropyltoluene	U		9.32	20.0	100	06/01/2024 06:18	WG2296518
2-Butanone (MEK)	U		50.0	100	100	06/01/2024 06:18	WG2296518
Methylene Chloride	U		26.5	100	100	06/01/2024 06:18	WG2296518
4-Methyl-2-pentanone (MIBK)	U		40.0	100	100	06/01/2024 06:18	WG2296518
Methyl tert-butyl ether	U		1.18	4.00	100	06/01/2024 06:18	WG2296518
Naphthalene	U	C3 J4	12.4	50.0	100	06/01/2024 06:18	WG2296518
n-Propylbenzene	U		4.72	20.0	100	06/01/2024 06:18	WG2296518
Styrene	U		10.9	50.0	100	06/01/2024 06:18	WG2296518
1,1,1,2-Tetrachloroethane	U		2.00	10.0	100	06/01/2024 06:18	WG2296518
1,1,2,2-Tetrachloroethane	U		1.56	10.0	100	06/01/2024 06:18	WG2296518
1,1,2-Trichlorotrifluoroethane	U		2.70	10.0	100	06/01/2024 06:18	WG2296518
Tetrachloroethene	U		2.80	10.0	100	06/01/2024 06:18	WG2296518
Toluene	U		5.00	20.0	100	06/01/2024 06:18	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	2.50	50.0	100	06/01/2024 06:18	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	19.3	50.0	100	06/01/2024 06:18	WG2296518
1,1,1-Trichloroethane	U		1.10	10.0	100	06/01/2024 06:18	WG2296518
1,1,2-Trichloroethane	U		3.53	10.0	100	06/01/2024 06:18	WG2296518
Trichloroethene	U		1.60	4.00	100	06/01/2024 06:18	WG2296518
Trichlorofluoromethane	U		2.00	10.0	100	06/01/2024 06:18	WG2296518
1,2,3-Trichloropropane	U		20.4	50.0	100	06/01/2024 06:18	WG2296518
1,2,4-Trimethylbenzene	U		4.64	20.0	100	06/01/2024 06:18	WG2296518
1,2,3-Trimethylbenzene	U		4.60	20.0	100	06/01/2024 06:18	WG2296518
1,3,5-Trimethylbenzene	U		4.32	20.0	100	06/01/2024 06:18	WG2296518
Vinyl acetate	U		14.1	50.0	100	06/01/2024 06:18	WG2296518
Vinyl chloride	1030		2.73	10.0	100	06/01/2024 06:18	WG2296518
Xylenes, Total	U		19.1	26.0	100	06/01/2024 06:18	WG2296518
(S) Toluene-d8	100			75.0-131		06/01/2024 06:18	WG2296518
(S) 4-Bromofluorobenzene	97.4			67.0-138		06/01/2024 06:18	WG2296518
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/01/2024 06:18	WG2296518

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Sulfate	1870	J P1	594	5000	1	06/15/2024 07:06	WG2304423

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9060A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	31000		102	1000	1	06/13/2024 11:45	WG2303844

Metals (ICPMS) by Method 6020B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Iron	13300		28.1	100	1	07/10/2024 23:49	WG2297670
Manganese	1590		0.704	5.00	1	07/10/2024 23:49	WG2297670

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Methane	85.2		0.287	0.678	1	06/02/2024 15:39	WG2296667
Ethane	U		0.296	1.29	1	06/02/2024 15:39	WG2296667
Ethene	2.44		0.422	1.27	1	06/02/2024 15:39	WG2296667

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

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Acetone	U		110	200	200	06/01/2024 06:37	WG2296518
Acrylonitrile	U		15.2	100	200	06/01/2024 06:37	WG2296518
Benzene	U		3.20	8.00	200	06/01/2024 06:37	WG2296518
Bromobenzene	U		8.40	100	200	06/01/2024 06:37	WG2296518
Bromochloromethane	U		9.04	40.0	200	06/01/2024 06:37	WG2296518
Bromodichloromethane	U		6.30	20.0	200	06/01/2024 06:37	WG2296518
Bromoform	U		47.8	200	200	06/01/2024 06:37	WG2296518
Bromomethane	U		29.6	100	200	06/01/2024 06:37	WG2296518
n-Butylbenzene	U		30.6	100	200	06/01/2024 06:37	WG2296518
sec-Butylbenzene	U		20.2	100	200	06/01/2024 06:37	WG2296518
tert-Butylbenzene	U		12.4	40.0	200	06/01/2024 06:37	WG2296518
Carbon disulfide	U		32.4	100	200	06/01/2024 06:37	WG2296518
Carbon tetrachloride	U		8.64	40.0	200	06/01/2024 06:37	WG2296518
Chlorobenzene	U		4.58	20.0	200	06/01/2024 06:37	WG2296518
Chlorodibromomethane	U		3.60	20.0	200	06/01/2024 06:37	WG2296518
Chloroethane	U		8.64	40.0	200	06/01/2024 06:37	WG2296518
Chloroform	U		3.32	20.0	200	06/01/2024 06:37	WG2296518
Chloromethane	U		11.1	100	200	06/01/2024 06:37	WG2296518
2-Chlorotoluene	U		7.36	20.0	200	06/01/2024 06:37	WG2296518
4-Chlorotoluene	U		9.04	40.0	200	06/01/2024 06:37	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	40.8	200	200	06/01/2024 06:37	WG2296518
1,2-Dibromoethane	U		4.20	20.0	200	06/01/2024 06:37	WG2296518
Dibromomethane	U		8.00	40.0	200	06/01/2024 06:37	WG2296518
1,2-Dichlorobenzene	U		11.6	40.0	200	06/01/2024 06:37	WG2296518
1,3-Dichlorobenzene	U		13.6	40.0	200	06/01/2024 06:37	WG2296518
1,4-Dichlorobenzene	U		15.8	40.0	200	06/01/2024 06:37	WG2296518
trans-1,4-Dichloro-2-butene	U		11.2	40.0	200	06/01/2024 06:37	WG2296518
Dichlorodifluoromethane	U		6.54	40.0	200	06/01/2024 06:37	WG2296518
1,1-Dichloroethane	U		4.60	20.0	200	06/01/2024 06:37	WG2296518
1,2-Dichloroethane	U		3.80	20.0	200	06/01/2024 06:37	WG2296518
1,1-Dichloroethene	10.2	J	4.00	20.0	200	06/01/2024 06:37	WG2296518

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	6730		5.52	20.0	200	06/01/2024 06:37	WG2296518
trans-1,2-Dichloroethene	16.6	<u>J</u>	11.4	40.0	200	06/01/2024 06:37	WG2296518
1,2-Dichloropropane	U		10.2	40.0	200	06/01/2024 06:37	WG2296518
1,1-Dichloropropene	U		5.60	20.0	200	06/01/2024 06:37	WG2296518
1,3-Dichloropropane	U		14.0	40.0	200	06/01/2024 06:37	WG2296518
cis-1,3-Dichloropropene	U		5.42	20.0	200	06/01/2024 06:37	WG2296518
trans-1,3-Dichloropropene	U		12.2	40.0	200	06/01/2024 06:37	WG2296518
2,2-Dichloropropane	U		6.34	20.0	200	06/01/2024 06:37	WG2296518
Di-isopropyl ether	U		2.80	8.00	200	06/01/2024 06:37	WG2296518
Ethylbenzene	U		4.24	20.0	200	06/01/2024 06:37	WG2296518
Hexachloro-1,3-butadiene	U	<u>C3</u>	102	200	200	06/01/2024 06:37	WG2296518
2-Hexanone	U		80.0	200	200	06/01/2024 06:37	WG2296518
n-Hexane	U		8.48	40.0	200	06/01/2024 06:37	WG2296518
Iodomethane	U		48.4	100	200	06/01/2024 06:37	WG2296518
Isopropylbenzene	U		6.90	20.0	200	06/01/2024 06:37	WG2296518
p-Isopropyltoluene	U		18.6	40.0	200	06/01/2024 06:37	WG2296518
2-Butanone (MEK)	U		100	200	200	06/01/2024 06:37	WG2296518
Methylene Chloride	U		53.0	200	200	06/01/2024 06:37	WG2296518
4-Methyl-2-pentanone (MIBK)	U		80.0	200	200	06/01/2024 06:37	WG2296518
Methyl tert-butyl ether	U		2.36	8.00	200	06/01/2024 06:37	WG2296518
Naphthalene	U	<u>C3 J4</u>	24.8	100	200	06/01/2024 06:37	WG2296518
n-Propylbenzene	U		9.44	40.0	200	06/01/2024 06:37	WG2296518
Styrene	U		21.8	100	200	06/01/2024 06:37	WG2296518
1,1,1,2-Tetrachloroethane	U		4.00	20.0	200	06/01/2024 06:37	WG2296518
1,1,2,2-Tetrachloroethane	U		3.12	20.0	200	06/01/2024 06:37	WG2296518
1,1,2-Trichlorotrifluoroethane	U		5.40	20.0	200	06/01/2024 06:37	WG2296518
Tetrachloroethene	U		5.60	20.0	200	06/01/2024 06:37	WG2296518
Toluene	U		10.0	40.0	200	06/01/2024 06:37	WG2296518
1,2,3-Trichlorobenzene	U	<u>C3 J4</u>	5.00	100	200	06/01/2024 06:37	WG2296518
1,2,4-Trichlorobenzene	U	<u>C3 J4</u>	38.6	100	200	06/01/2024 06:37	WG2296518
1,1,1-Trichloroethane	U		2.20	20.0	200	06/01/2024 06:37	WG2296518
1,1,2-Trichloroethane	U		7.06	20.0	200	06/01/2024 06:37	WG2296518
Trichloroethene	U		3.20	8.00	200	06/01/2024 06:37	WG2296518
Trichlorofluoromethane	U		4.00	20.0	200	06/01/2024 06:37	WG2296518
1,2,3-Trichloropropane	U		40.8	100	200	06/01/2024 06:37	WG2296518
1,2,4-Trimethylbenzene	U		9.28	40.0	200	06/01/2024 06:37	WG2296518
1,2,3-Trimethylbenzene	U		9.20	40.0	200	06/01/2024 06:37	WG2296518
1,3,5-Trimethylbenzene	U		8.64	40.0	200	06/01/2024 06:37	WG2296518
Vinyl acetate	U		28.2	100	200	06/01/2024 06:37	WG2296518
Vinyl chloride	6540		5.46	20.0	200	06/01/2024 06:37	WG2296518
Xylenes, Total	U		38.2	52.0	200	06/01/2024 06:37	WG2296518
(S) Toluene-d8	103			75.0-131		06/01/2024 06:37	WG2296518
(S) 4-Bromofluorobenzene	97.4			67.0-138		06/01/2024 06:37	WG2296518
(S) 1,2-Dichloroethane-d4	106			70.0-130		06/01/2024 06:37	WG2296518

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 date / time	Batch
Sulfate	2350	J	594	5000	1	06/15/2024 08:13	WG2304423

1Cp

2Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	16600		102	1000	1	06/13/2024 12:55	WG2303844

3Ss

4Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	34900		281	1000	10	07/11/2024 13:19	WG2297670
Manganese	2650		0.704	5.00	1	07/11/2024 00:39	WG2297670

5Sr

6Qc

7Gl

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	608		0.287	0.678	1	06/02/2024 15:49	WG2296667
Ethane	U		0.296	1.29	1	06/02/2024 15:49	WG2296667
Ethene	7.71		0.422	1.27	1	06/02/2024 15:49	WG2296667

8Al

9Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		27.4	50.0	50	06/01/2024 06:56	WG2296518
Acrylonitrile	U		3.80	25.0	50	06/01/2024 06:56	WG2296518
Benzene	U		0.800	2.00	50	06/01/2024 06:56	WG2296518
Bromobenzene	U		2.10	25.0	50	06/01/2024 06:56	WG2296518
Bromochloromethane	U		2.26	10.0	50	06/01/2024 06:56	WG2296518
Bromodichloromethane	U		1.58	5.00	50	06/01/2024 06:56	WG2296518
Bromoform	U		12.0	50.0	50	06/01/2024 06:56	WG2296518
Bromomethane	U		7.40	25.0	50	06/01/2024 06:56	WG2296518
n-Butylbenzene	U		7.65	25.0	50	06/01/2024 06:56	WG2296518
sec-Butylbenzene	U		5.05	25.0	50	06/01/2024 06:56	WG2296518
tert-Butylbenzene	U		3.10	10.0	50	06/01/2024 06:56	WG2296518
Carbon disulfide	U		8.10	25.0	50	06/01/2024 06:56	WG2296518
Carbon tetrachloride	U		2.16	10.0	50	06/01/2024 06:56	WG2296518
Chlorobenzene	U		1.15	5.00	50	06/01/2024 06:56	WG2296518
Chlorodibromomethane	U		0.900	5.00	50	06/01/2024 06:56	WG2296518
Chloroethane	U		2.16	10.0	50	06/01/2024 06:56	WG2296518
Chloroform	U		0.830	5.00	50	06/01/2024 06:56	WG2296518
Chloromethane	U		2.78	25.0	50	06/01/2024 06:56	WG2296518
2-Chlorotoluene	U		1.84	5.00	50	06/01/2024 06:56	WG2296518
4-Chlorotoluene	U		2.26	10.0	50	06/01/2024 06:56	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	10.2	50.0	50	06/01/2024 06:56	WG2296518
1,2-Dibromoethane	U		1.05	5.00	50	06/01/2024 06:56	WG2296518
Dibromomethane	U		2.00	10.0	50	06/01/2024 06:56	WG2296518
1,2-Dichlorobenzene	U		2.90	10.0	50	06/01/2024 06:56	WG2296518
1,3-Dichlorobenzene	U		3.40	10.0	50	06/01/2024 06:56	WG2296518
1,4-Dichlorobenzene	U		3.94	10.0	50	06/01/2024 06:56	WG2296518
trans-1,4-Dichloro-2-butene	U		2.80	10.0	50	06/01/2024 06:56	WG2296518
Dichlorodifluoromethane	U		1.64	10.0	50	06/01/2024 06:56	WG2296518
1,1-Dichloroethane	U		1.15	5.00	50	06/01/2024 06:56	WG2296518
1,2-Dichloroethane	U		0.950	5.00	50	06/01/2024 06:56	WG2296518
1,1-Dichloroethene	5.75		1.00	5.00	50	06/01/2024 06:56	WG2296518

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	718		1.38	5.00	50	06/01/2024 06:56	WG2296518
trans-1,2-Dichloroethene	5.25	J	2.86	10.0	50	06/01/2024 06:56	WG2296518
1,2-Dichloropropane	U		2.54	10.0	50	06/01/2024 06:56	WG2296518
1,1-Dichloropropene	U		1.40	5.00	50	06/01/2024 06:56	WG2296518
1,3-Dichloropropane	U		3.50	10.0	50	06/01/2024 06:56	WG2296518
cis-1,3-Dichloropropene	U		1.36	5.00	50	06/01/2024 06:56	WG2296518
trans-1,3-Dichloropropene	U		3.06	10.0	50	06/01/2024 06:56	WG2296518
2,2-Dichloropropane	U		1.59	5.00	50	06/01/2024 06:56	WG2296518
Di-isopropyl ether	U		0.700	2.00	50	06/01/2024 06:56	WG2296518
Ethylbenzene	U		1.06	5.00	50	06/01/2024 06:56	WG2296518
Hexachloro-1,3-butadiene	U	C3	25.4	50.0	50	06/01/2024 06:56	WG2296518
2-Hexanone	U		20.0	50.0	50	06/01/2024 06:56	WG2296518
n-Hexane	U		2.12	10.0	50	06/01/2024 06:56	WG2296518
Iodomethane	U		12.1	25.0	50	06/01/2024 06:56	WG2296518
Isopropylbenzene	U		1.73	5.00	50	06/01/2024 06:56	WG2296518
p-Isopropyltoluene	U		4.66	10.0	50	06/01/2024 06:56	WG2296518
2-Butanone (MEK)	U		25.0	50.0	50	06/01/2024 06:56	WG2296518
Methylene Chloride	U		13.3	50.0	50	06/01/2024 06:56	WG2296518
4-Methyl-2-pentanone (MIBK)	U		20.0	50.0	50	06/01/2024 06:56	WG2296518
Methyl tert-butyl ether	U		0.590	2.00	50	06/01/2024 06:56	WG2296518
Naphthalene	U	C3 J4	6.20	25.0	50	06/01/2024 06:56	WG2296518
n-Propylbenzene	U		2.36	10.0	50	06/01/2024 06:56	WG2296518
Styrene	U		5.45	25.0	50	06/01/2024 06:56	WG2296518
1,1,1,2-Tetrachloroethane	U		1.00	5.00	50	06/01/2024 06:56	WG2296518
1,1,2,2-Tetrachloroethane	U		0.780	5.00	50	06/01/2024 06:56	WG2296518
1,1,2-Trichlorotrifluoroethane	U		1.35	5.00	50	06/01/2024 06:56	WG2296518
Tetrachloroethene	6.45	C5	1.40	5.00	50	06/01/2024 06:56	WG2296518
Toluene	U		2.50	10.0	50	06/01/2024 06:56	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	1.25	25.0	50	06/01/2024 06:56	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	9.65	25.0	50	06/01/2024 06:56	WG2296518
1,1,1-Trichloroethane	U		0.550	5.00	50	06/01/2024 06:56	WG2296518
1,1,2-Trichloroethane	U		1.77	5.00	50	06/01/2024 06:56	WG2296518
Trichloroethene	1.25	J	0.800	2.00	50	06/01/2024 06:56	WG2296518
Trichlorofluoromethane	U		1.00	5.00	50	06/01/2024 06:56	WG2296518
1,2,3-Trichloropropane	U		10.2	25.0	50	06/01/2024 06:56	WG2296518
1,2,4-Trimethylbenzene	U		2.32	10.0	50	06/01/2024 06:56	WG2296518
1,2,3-Trimethylbenzene	U		2.30	10.0	50	06/01/2024 06:56	WG2296518
1,3,5-Trimethylbenzene	U		2.16	10.0	50	06/01/2024 06:56	WG2296518
Vinyl acetate	U		7.05	25.0	50	06/01/2024 06:56	WG2296518
Vinyl chloride	1750		1.36	5.00	50	06/01/2024 06:56	WG2296518
Xylenes, Total	U		9.55	13.0	50	06/01/2024 06:56	WG2296518
(S) Toluene-d8	104			75.0-131		06/01/2024 06:56	WG2296518
(S) 4-Bromofluorobenzene	96.4			67.0-138		06/01/2024 06:56	WG2296518
(S) 1,2-Dichloroethane-d4	104			70.0-130		06/01/2024 06:56	WG2296518

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

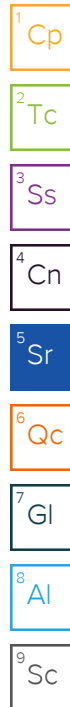
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		13.7	25.0	25	06/01/2024 07:15	WG2296518
Acrylonitrile	U		1.90	12.5	25	06/01/2024 07:15	WG2296518
Benzene	0.700	J	0.400	1.00	25	06/01/2024 07:15	WG2296518
Bromobenzene	U		1.05	12.5	25	06/01/2024 07:15	WG2296518
Bromochloromethane	U		1.13	5.00	25	06/01/2024 07:15	WG2296518
Bromodichloromethane	U		0.788	2.50	25	06/01/2024 07:15	WG2296518
Bromoform	U		5.98	25.0	25	06/01/2024 07:15	WG2296518
Bromomethane	U		3.70	12.5	25	06/01/2024 07:15	WG2296518
n-Butylbenzene	U		3.83	12.5	25	06/01/2024 07:15	WG2296518
sec-Butylbenzene	U		2.53	12.5	25	06/01/2024 07:15	WG2296518
tert-Butylbenzene	U		1.55	5.00	25	06/01/2024 07:15	WG2296518
Carbon disulfide	U		4.05	12.5	25	06/01/2024 07:15	WG2296518
Carbon tetrachloride	U		1.08	5.00	25	06/01/2024 07:15	WG2296518
Chlorobenzene	U		0.573	2.50	25	06/01/2024 07:15	WG2296518
Chlorodibromomethane	U		0.450	2.50	25	06/01/2024 07:15	WG2296518
Chloroethane	U		1.08	5.00	25	06/01/2024 07:15	WG2296518
Chloroform	U		0.415	2.50	25	06/01/2024 07:15	WG2296518
Chloromethane	U		1.39	12.5	25	06/01/2024 07:15	WG2296518
2-Chlorotoluene	U		0.920	2.50	25	06/01/2024 07:15	WG2296518
4-Chlorotoluene	U		1.13	5.00	25	06/01/2024 07:15	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	5.10	25.0	25	06/01/2024 07:15	WG2296518
1,2-Dibromoethane	U		0.525	2.50	25	06/01/2024 07:15	WG2296518
Dibromomethane	U		1.00	5.00	25	06/01/2024 07:15	WG2296518
1,2-Dichlorobenzene	U		1.45	5.00	25	06/01/2024 07:15	WG2296518
1,3-Dichlorobenzene	U		1.70	5.00	25	06/01/2024 07:15	WG2296518
1,4-Dichlorobenzene	U		1.97	5.00	25	06/01/2024 07:15	WG2296518
trans-1,4-Dichloro-2-butene	U		1.40	5.00	25	06/01/2024 07:15	WG2296518
Dichlorodifluoromethane	U		0.818	5.00	25	06/01/2024 07:15	WG2296518
1,1-Dichloroethane	U		0.575	2.50	25	06/01/2024 07:15	WG2296518
1,2-Dichloroethane	U		0.475	2.50	25	06/01/2024 07:15	WG2296518
1,1-Dichloroethene	1.93	J	0.500	2.50	25	06/01/2024 07:15	WG2296518
cis-1,2-Dichloroethene	931		0.690	2.50	25	06/01/2024 07:15	WG2296518
trans-1,2-Dichloroethene	3.97	J	1.43	5.00	25	06/01/2024 07:15	WG2296518
1,2-Dichloropropane	U		1.27	5.00	25	06/01/2024 07:15	WG2296518
1,1-Dichloropropene	U		0.700	2.50	25	06/01/2024 07:15	WG2296518
1,3-Dichloropropane	U		1.75	5.00	25	06/01/2024 07:15	WG2296518
cis-1,3-Dichloropropene	U		0.678	2.50	25	06/01/2024 07:15	WG2296518
trans-1,3-Dichloropropene	U		1.53	5.00	25	06/01/2024 07:15	WG2296518
2,2-Dichloropropane	U		0.793	2.50	25	06/01/2024 07:15	WG2296518
Di-isopropyl ether	U		0.350	1.00	25	06/01/2024 07:15	WG2296518
Ethylbenzene	U		0.530	2.50	25	06/01/2024 07:15	WG2296518
Hexachloro-1,3-butadiene	U	C3	12.7	25.0	25	06/01/2024 07:15	WG2296518
2-Hexanone	U		10.0	25.0	25	06/01/2024 07:15	WG2296518
n-Hexane	U		1.06	5.00	25	06/01/2024 07:15	WG2296518
Iodomethane	U		6.05	12.5	25	06/01/2024 07:15	WG2296518
Isopropylbenzene	U		0.863	2.50	25	06/01/2024 07:15	WG2296518
p-Isopropyltoluene	U		2.33	5.00	25	06/01/2024 07:15	WG2296518
2-Butanone (MEK)	U		12.5	25.0	25	06/01/2024 07:15	WG2296518
Methylene Chloride	U		6.63	25.0	25	06/01/2024 07:15	WG2296518
4-Methyl-2-pentanone (MIBK)	U		10.0	25.0	25	06/01/2024 07:15	WG2296518
Methyl tert-butyl ether	U		0.295	1.00	25	06/01/2024 07:15	WG2296518
Naphthalene	U	C3 J4	3.10	12.5	25	06/01/2024 07:15	WG2296518
n-Propylbenzene	U		1.18	5.00	25	06/01/2024 07:15	WG2296518
Styrene	U		2.73	12.5	25	06/01/2024 07:15	WG2296518
1,1,1,2-Tetrachloroethane	U		0.500	2.50	25	06/01/2024 07:15	WG2296518
1,1,2,2-Tetrachloroethane	U		0.390	2.50	25	06/01/2024 07:15	WG2296518



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.675	2.50	25	06/01/2024 07:15	WG2296518
Tetrachloroethene	U		0.700	2.50	25	06/01/2024 07:15	WG2296518
Toluene	U		1.25	5.00	25	06/01/2024 07:15	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	0.625	12.5	25	06/01/2024 07:15	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	4.83	12.5	25	06/01/2024 07:15	WG2296518
1,1,1-Trichloroethane	U		0.275	2.50	25	06/01/2024 07:15	WG2296518
1,1,2-Trichloroethane	U		0.883	2.50	25	06/01/2024 07:15	WG2296518
Trichloroethene	U		0.400	1.00	25	06/01/2024 07:15	WG2296518
Trichlorofluoromethane	U		0.500	2.50	25	06/01/2024 07:15	WG2296518
1,2,3-Trichloropropane	U		5.10	12.5	25	06/01/2024 07:15	WG2296518
1,2,4-Trimethylbenzene	U		1.16	5.00	25	06/01/2024 07:15	WG2296518
1,2,3-Trimethylbenzene	U		1.15	5.00	25	06/01/2024 07:15	WG2296518
1,3,5-Trimethylbenzene	U		1.08	5.00	25	06/01/2024 07:15	WG2296518
Vinyl acetate	U		3.53	12.5	25	06/01/2024 07:15	WG2296518
Vinyl chloride	47.3		0.682	2.50	25	06/01/2024 07:15	WG2296518
Xylenes, Total	U		4.78	6.50	25	06/01/2024 07:15	WG2296518
(S) Toluene-d8	103			75.0-131		06/01/2024 07:15	WG2296518
(S) 4-Bromofluorobenzene	96.5			67.0-138		06/01/2024 07:15	WG2296518
(S) 1,2-Dichloroethane-d4	104			70.0-130		06/01/2024 07:15	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	1.38	C5	0.548	1.00	1	06/01/2024 03:27	WG2296518
Acrylonitrile	U		0.0760	0.500	1	06/01/2024 03:27	WG2296518
Benzene	U		0.0160	0.0400	1	06/01/2024 03:27	WG2296518
Bromobenzene	U		0.0420	0.500	1	06/01/2024 03:27	WG2296518
Bromochloromethane	U		0.0452	0.200	1	06/01/2024 03:27	WG2296518
Bromodichloromethane	U		0.0315	0.100	1	06/01/2024 03:27	WG2296518
Bromoform	U		0.239	1.00	1	06/01/2024 03:27	WG2296518
Bromomethane	U		0.148	0.500	1	06/01/2024 03:27	WG2296518
n-Butylbenzene	U		0.153	0.500	1	06/01/2024 03:27	WG2296518
sec-Butylbenzene	U		0.101	0.500	1	06/01/2024 03:27	WG2296518
tert-Butylbenzene	U		0.0620	0.200	1	06/01/2024 03:27	WG2296518
Carbon disulfide	U		0.162	0.500	1	06/01/2024 03:27	WG2296518
Carbon tetrachloride	U		0.0432	0.200	1	06/01/2024 03:27	WG2296518
Chlorobenzene	U		0.0229	0.100	1	06/01/2024 03:27	WG2296518
Chlorodibromomethane	U		0.0180	0.100	1	06/01/2024 03:27	WG2296518
Chloroethane	U		0.0432	0.200	1	06/01/2024 03:27	WG2296518
Chloroform	U		0.0166	0.100	1	06/01/2024 03:27	WG2296518
Chloromethane	U		0.0556	0.500	1	06/01/2024 03:27	WG2296518
2-Chlorotoluene	U		0.0368	0.100	1	06/01/2024 03:27	WG2296518
4-Chlorotoluene	U		0.0452	0.200	1	06/01/2024 03:27	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/01/2024 03:27	WG2296518
1,2-Dibromoethane	U		0.0210	0.100	1	06/01/2024 03:27	WG2296518
Dibromomethane	U		0.0400	0.200	1	06/01/2024 03:27	WG2296518
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/01/2024 03:27	WG2296518
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/01/2024 03:27	WG2296518
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/01/2024 03:27	WG2296518
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/01/2024 03:27	WG2296518
Dichlorodifluoromethane	U		0.0327	0.200	1	06/01/2024 03:27	WG2296518
1,1-Dichloroethane	U		0.0230	0.100	1	06/01/2024 03:27	WG2296518
1,2-Dichloroethane	U		0.0190	0.100	1	06/01/2024 03:27	WG2296518
1,1-Dichloroethene	0.172		0.0200	0.100	1	06/01/2024 03:27	WG2296518
cis-1,2-Dichloroethene	79.5		0.0276	0.100	1	06/01/2024 03:27	WG2296518
trans-1,2-Dichloroethene	0.105	J	0.0572	0.200	1	06/01/2024 03:27	WG2296518
1,2-Dichloropropane	U		0.0508	0.200	1	06/01/2024 03:27	WG2296518
1,1-Dichloropropene	U		0.0280	0.100	1	06/01/2024 03:27	WG2296518
1,3-Dichloropropane	U		0.0700	0.200	1	06/01/2024 03:27	WG2296518
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/01/2024 03:27	WG2296518
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/01/2024 03:27	WG2296518
2,2-Dichloropropane	U		0.0317	0.100	1	06/01/2024 03:27	WG2296518
Di-isopropyl ether	U		0.0140	0.0400	1	06/01/2024 03:27	WG2296518
Ethylbenzene	U		0.0212	0.100	1	06/01/2024 03:27	WG2296518
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	06/01/2024 03:27	WG2296518
2-Hexanone	U		0.400	1.00	1	06/01/2024 03:27	WG2296518
n-Hexane	U		0.0424	0.200	1	06/01/2024 03:27	WG2296518
Iodomethane	U		0.242	0.500	1	06/01/2024 03:27	WG2296518
Isopropylbenzene	U		0.0345	0.100	1	06/01/2024 03:27	WG2296518
p-Isopropyltoluene	U		0.0932	0.200	1	06/01/2024 03:27	WG2296518
2-Butanone (MEK)	U		0.500	1.00	1	06/01/2024 03:27	WG2296518
Methylene Chloride	U		0.265	1.00	1	06/01/2024 03:27	WG2296518
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/01/2024 03:27	WG2296518
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/01/2024 03:27	WG2296518
Naphthalene	U	C3 J4	0.124	0.500	1	06/01/2024 03:27	WG2296518
n-Propylbenzene	U		0.0472	0.200	1	06/01/2024 03:27	WG2296518
Styrene	U		0.109	0.500	1	06/01/2024 03:27	WG2296518
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/01/2024 03:27	WG2296518
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/01/2024 03:27	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/01/2024 03:27	WG2296518
Tetrachloroethene	U		0.0280	0.100	1	06/01/2024 03:27	WG2296518
Toluene	0.0510	J	0.0500	0.200	1	06/01/2024 03:27	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	06/01/2024 03:27	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	06/01/2024 03:27	WG2296518
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/01/2024 03:27	WG2296518
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/01/2024 03:27	WG2296518
Trichloroethene	U		0.0160	0.0400	1	06/01/2024 03:27	WG2296518
Trichlorofluoromethane	U		0.0200	0.100	1	06/01/2024 03:27	WG2296518
1,2,3-Trichloropropane	U		0.204	0.500	1	06/01/2024 03:27	WG2296518
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/01/2024 03:27	WG2296518
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/01/2024 03:27	WG2296518
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/01/2024 03:27	WG2296518
Vinyl acetate	U		0.141	0.500	1	06/01/2024 03:27	WG2296518
Vinyl chloride	58.5		0.0273	0.100	1	06/01/2024 03:27	WG2296518
Xylenes, Total	U		0.191	0.260	1	06/01/2024 03:27	WG2296518
(S) Toluene-d8	102			75.0-131		06/01/2024 03:27	WG2296518
(S) 4-Bromofluorobenzene	97.8			67.0-138		06/01/2024 03:27	WG2296518
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/01/2024 03:27	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/01/2024 03:46	WG2296518
Acrylonitrile	U		0.0760	0.500	1	06/01/2024 03:46	WG2296518
Benzene	U		0.0160	0.0400	1	06/01/2024 03:46	WG2296518
Bromobenzene	U		0.0420	0.500	1	06/01/2024 03:46	WG2296518
Bromochloromethane	U		0.0452	0.200	1	06/01/2024 03:46	WG2296518
Bromodichloromethane	U		0.0315	0.100	1	06/01/2024 03:46	WG2296518
Bromoform	U		0.239	1.00	1	06/01/2024 03:46	WG2296518
Bromomethane	U		0.148	0.500	1	06/01/2024 03:46	WG2296518
n-Butylbenzene	U		0.153	0.500	1	06/01/2024 03:46	WG2296518
sec-Butylbenzene	U		0.101	0.500	1	06/01/2024 03:46	WG2296518
tert-Butylbenzene	U		0.0620	0.200	1	06/01/2024 03:46	WG2296518
Carbon disulfide	U		0.162	0.500	1	06/01/2024 03:46	WG2296518
Carbon tetrachloride	U		0.0432	0.200	1	06/01/2024 03:46	WG2296518
Chlorobenzene	U		0.0229	0.100	1	06/01/2024 03:46	WG2296518
Chlorodibromomethane	U		0.0180	0.100	1	06/01/2024 03:46	WG2296518
Chloroethane	U		0.0432	0.200	1	06/01/2024 03:46	WG2296518
Chloroform	U		0.0166	0.100	1	06/01/2024 03:46	WG2296518
Chloromethane	U		0.0556	0.500	1	06/01/2024 03:46	WG2296518
2-Chlorotoluene	U		0.0368	0.100	1	06/01/2024 03:46	WG2296518
4-Chlorotoluene	U		0.0452	0.200	1	06/01/2024 03:46	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/01/2024 03:46	WG2296518
1,2-Dibromoethane	U		0.0210	0.100	1	06/01/2024 03:46	WG2296518
Dibromomethane	U		0.0400	0.200	1	06/01/2024 03:46	WG2296518
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/01/2024 03:46	WG2296518
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/01/2024 03:46	WG2296518
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/01/2024 03:46	WG2296518
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/01/2024 03:46	WG2296518
Dichlorodifluoromethane	U		0.0327	0.200	1	06/01/2024 03:46	WG2296518
1,1-Dichloroethane	U		0.0230	0.100	1	06/01/2024 03:46	WG2296518
1,2-Dichloroethane	U		0.0190	0.100	1	06/01/2024 03:46	WG2296518
1,1-Dichloroethene	U		0.0200	0.100	1	06/01/2024 03:46	WG2296518
cis-1,2-Dichloroethene	1.45		0.0276	0.100	1	06/01/2024 03:46	WG2296518
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/01/2024 03:46	WG2296518
1,2-Dichloropropane	U		0.0508	0.200	1	06/01/2024 03:46	WG2296518
1,1-Dichloropropene	U		0.0280	0.100	1	06/01/2024 03:46	WG2296518
1,3-Dichloropropane	U		0.0700	0.200	1	06/01/2024 03:46	WG2296518
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/01/2024 03:46	WG2296518
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/01/2024 03:46	WG2296518
2,2-Dichloropropane	U		0.0317	0.100	1	06/01/2024 03:46	WG2296518
Di-isopropyl ether	U		0.0140	0.0400	1	06/01/2024 03:46	WG2296518
Ethylbenzene	U		0.0212	0.100	1	06/01/2024 03:46	WG2296518
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	06/01/2024 03:46	WG2296518
2-Hexanone	U		0.400	1.00	1	06/01/2024 03:46	WG2296518
n-Hexane	U		0.0424	0.200	1	06/01/2024 03:46	WG2296518
Iodomethane	U		0.242	0.500	1	06/01/2024 03:46	WG2296518
Isopropylbenzene	U		0.0345	0.100	1	06/01/2024 03:46	WG2296518
p-Isopropyltoluene	U		0.0932	0.200	1	06/01/2024 03:46	WG2296518
2-Butanone (MEK)	U		0.500	1.00	1	06/01/2024 03:46	WG2296518
Methylene Chloride	U		0.265	1.00	1	06/01/2024 03:46	WG2296518
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/01/2024 03:46	WG2296518
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/01/2024 03:46	WG2296518
Naphthalene	U	C3 J4	0.124	0.500	1	06/01/2024 03:46	WG2296518
n-Propylbenzene	U		0.0472	0.200	1	06/01/2024 03:46	WG2296518
Styrene	U		0.109	0.500	1	06/01/2024 03:46	WG2296518
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/01/2024 03:46	WG2296518
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/01/2024 03:46	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/01/2024 03:46	WG2296518
Tetrachloroethene	U		0.0280	0.100	1	06/01/2024 03:46	WG2296518
Toluene	0.138	J	0.0500	0.200	1	06/01/2024 03:46	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	06/01/2024 03:46	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	06/01/2024 03:46	WG2296518
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/01/2024 03:46	WG2296518
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/01/2024 03:46	WG2296518
Trichloroethene	U		0.0160	0.0400	1	06/01/2024 03:46	WG2296518
Trichlorofluoromethane	U		0.0200	0.100	1	06/01/2024 03:46	WG2296518
1,2,3-Trichloropropane	U		0.204	0.500	1	06/01/2024 03:46	WG2296518
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/01/2024 03:46	WG2296518
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/01/2024 03:46	WG2296518
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/01/2024 03:46	WG2296518
Vinyl acetate	U		0.141	0.500	1	06/01/2024 03:46	WG2296518
Vinyl chloride	4.50		0.0273	0.100	1	06/01/2024 03:46	WG2296518
Xylenes, Total	U		0.191	0.260	1	06/01/2024 03:46	WG2296518
(S) Toluene-d8	100			75.0-131		06/01/2024 03:46	WG2296518
(S) 4-Bromofluorobenzene	98.2			67.0-138		06/01/2024 03:46	WG2296518
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/01/2024 03:46	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	0.576	J	0.548	1.00	1	06/01/2024 04:05	WG2296518
Acrylonitrile	U		0.0760	0.500	1	06/01/2024 04:05	WG2296518
Benzene	19.8		0.0160	0.0400	1	06/01/2024 04:05	WG2296518
Bromobenzene	U		0.0420	0.500	1	06/01/2024 04:05	WG2296518
Bromochloromethane	U		0.0452	0.200	1	06/01/2024 04:05	WG2296518
Bromodichloromethane	U		0.0315	0.100	1	06/01/2024 04:05	WG2296518
Bromoform	U		0.239	1.00	1	06/01/2024 04:05	WG2296518
Bromomethane	U		0.148	0.500	1	06/01/2024 04:05	WG2296518
n-Butylbenzene	U		0.153	0.500	1	06/01/2024 04:05	WG2296518
sec-Butylbenzene	U		0.101	0.500	1	06/01/2024 04:05	WG2296518
tert-Butylbenzene	U		0.0620	0.200	1	06/01/2024 04:05	WG2296518
Carbon disulfide	U		0.162	0.500	1	06/01/2024 04:05	WG2296518
Carbon tetrachloride	U		0.0432	0.200	1	06/01/2024 04:05	WG2296518
Chlorobenzene	U		0.0229	0.100	1	06/01/2024 04:05	WG2296518
Chlorodibromomethane	U		0.0180	0.100	1	06/01/2024 04:05	WG2296518
Chloroethane	U		0.0432	0.200	1	06/01/2024 04:05	WG2296518
Chloroform	U		0.0166	0.100	1	06/01/2024 04:05	WG2296518
Chloromethane	U		0.0556	0.500	1	06/01/2024 04:05	WG2296518
2-Chlorotoluene	U		0.0368	0.100	1	06/01/2024 04:05	WG2296518
4-Chlorotoluene	U		0.0452	0.200	1	06/01/2024 04:05	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/01/2024 04:05	WG2296518
1,2-Dibromoethane	U		0.0210	0.100	1	06/01/2024 04:05	WG2296518
Dibromomethane	U		0.0400	0.200	1	06/01/2024 04:05	WG2296518
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/01/2024 04:05	WG2296518
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/01/2024 04:05	WG2296518
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/01/2024 04:05	WG2296518
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/01/2024 04:05	WG2296518
Dichlorodifluoromethane	U		0.0327	0.200	1	06/01/2024 04:05	WG2296518
1,1-Dichloroethane	0.0630	J	0.0230	0.100	1	06/01/2024 04:05	WG2296518
1,2-Dichloroethane	U		0.0190	0.100	1	06/01/2024 04:05	WG2296518
1,1-Dichloroethene	0.0510	J	0.0200	0.100	1	06/01/2024 04:05	WG2296518
cis-1,2-Dichloroethene	17.7		0.0276	0.100	1	06/01/2024 04:05	WG2296518
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/01/2024 04:05	WG2296518
1,2-Dichloropropane	U		0.0508	0.200	1	06/01/2024 04:05	WG2296518
1,1-Dichloropropene	U		0.0280	0.100	1	06/01/2024 04:05	WG2296518
1,3-Dichloropropane	U		0.0700	0.200	1	06/01/2024 04:05	WG2296518
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/01/2024 04:05	WG2296518
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/01/2024 04:05	WG2296518
2,2-Dichloropropane	U		0.0317	0.100	1	06/01/2024 04:05	WG2296518
Di-isopropyl ether	0.447	C5	0.0140	0.0400	1	06/01/2024 04:05	WG2296518
Ethylbenzene	U		0.0212	0.100	1	06/01/2024 04:05	WG2296518
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	06/01/2024 04:05	WG2296518
2-Hexanone	U		0.400	1.00	1	06/01/2024 04:05	WG2296518
n-Hexane	U		0.0424	0.200	1	06/01/2024 04:05	WG2296518
Iodomethane	U		0.242	0.500	1	06/01/2024 04:05	WG2296518
Isopropylbenzene	U		0.0345	0.100	1	06/01/2024 04:05	WG2296518
p-Isopropyltoluene	U		0.0932	0.200	1	06/01/2024 04:05	WG2296518
2-Butanone (MEK)	U		0.500	1.00	1	06/01/2024 04:05	WG2296518
Methylene Chloride	U		0.265	1.00	1	06/01/2024 04:05	WG2296518
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/01/2024 04:05	WG2296518
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/01/2024 04:05	WG2296518
Naphthalene	U	C3 J4	0.124	0.500	1	06/01/2024 04:05	WG2296518
n-Propylbenzene	U		0.0472	0.200	1	06/01/2024 04:05	WG2296518
Styrene	U		0.109	0.500	1	06/01/2024 04:05	WG2296518
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/01/2024 04:05	WG2296518
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/01/2024 04:05	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/01/2024 04:05	WG2296518
Tetrachloroethene	U		0.0280	0.100	1	06/01/2024 04:05	WG2296518
Toluene	U		0.0500	0.200	1	06/01/2024 04:05	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	06/01/2024 04:05	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	06/01/2024 04:05	WG2296518
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/01/2024 04:05	WG2296518
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/01/2024 04:05	WG2296518
Trichloroethene	U		0.0160	0.0400	1	06/01/2024 04:05	WG2296518
Trichlorofluoromethane	U		0.0200	0.100	1	06/01/2024 04:05	WG2296518
1,2,3-Trichloropropane	U		0.204	0.500	1	06/01/2024 04:05	WG2296518
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/01/2024 04:05	WG2296518
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/01/2024 04:05	WG2296518
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/01/2024 04:05	WG2296518
Vinyl acetate	U		0.141	0.500	1	06/01/2024 04:05	WG2296518
Vinyl chloride	44.8		0.0273	0.100	1	06/01/2024 04:05	WG2296518
Xylenes, Total	U		0.191	0.260	1	06/01/2024 04:05	WG2296518
(S) Toluene-d8	105			75.0-131		06/01/2024 04:05	WG2296518
(S) 4-Bromofluorobenzene	98.9			67.0-138		06/01/2024 04:05	WG2296518
(S) 1,2-Dichloroethane-d4	101			70.0-130		06/01/2024 04:05	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/01/2024 04:24	WG2296518
Acrylonitrile	U		0.0760	0.500	1	06/01/2024 04:24	WG2296518
Benzene	1.40		0.0160	0.0400	1	06/01/2024 04:24	WG2296518
Bromobenzene	U		0.0420	0.500	1	06/01/2024 04:24	WG2296518
Bromochloromethane	U		0.0452	0.200	1	06/01/2024 04:24	WG2296518
Bromodichloromethane	U		0.0315	0.100	1	06/01/2024 04:24	WG2296518
Bromoform	U		0.239	1.00	1	06/01/2024 04:24	WG2296518
Bromomethane	U		0.148	0.500	1	06/01/2024 04:24	WG2296518
n-Butylbenzene	U		0.153	0.500	1	06/01/2024 04:24	WG2296518
sec-Butylbenzene	U		0.101	0.500	1	06/01/2024 04:24	WG2296518
tert-Butylbenzene	U		0.0620	0.200	1	06/01/2024 04:24	WG2296518
Carbon disulfide	U		0.162	0.500	1	06/01/2024 04:24	WG2296518
Carbon tetrachloride	U		0.0432	0.200	1	06/01/2024 04:24	WG2296518
Chlorobenzene	U		0.0229	0.100	1	06/01/2024 04:24	WG2296518
Chlorodibromomethane	U		0.0180	0.100	1	06/01/2024 04:24	WG2296518
Chloroethane	U		0.0432	0.200	1	06/01/2024 04:24	WG2296518
Chloroform	U		0.0166	0.100	1	06/01/2024 04:24	WG2296518
Chloromethane	U		0.0556	0.500	1	06/01/2024 04:24	WG2296518
2-Chlorotoluene	U		0.0368	0.100	1	06/01/2024 04:24	WG2296518
4-Chlorotoluene	U		0.0452	0.200	1	06/01/2024 04:24	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/01/2024 04:24	WG2296518
1,2-Dibromoethane	U		0.0210	0.100	1	06/01/2024 04:24	WG2296518
Dibromomethane	U		0.0400	0.200	1	06/01/2024 04:24	WG2296518
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/01/2024 04:24	WG2296518
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/01/2024 04:24	WG2296518
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/01/2024 04:24	WG2296518
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/01/2024 04:24	WG2296518
Dichlorodifluoromethane	U		0.0327	0.200	1	06/01/2024 04:24	WG2296518
1,1-Dichloroethane	U		0.0230	0.100	1	06/01/2024 04:24	WG2296518
1,2-Dichloroethane	U		0.0190	0.100	1	06/01/2024 04:24	WG2296518
1,1-Dichloroethene	U		0.0200	0.100	1	06/01/2024 04:24	WG2296518
cis-1,2-Dichloroethene	0.152		0.0276	0.100	1	06/01/2024 04:24	WG2296518
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/01/2024 04:24	WG2296518
1,2-Dichloropropane	U		0.0508	0.200	1	06/01/2024 04:24	WG2296518
1,1-Dichloropropene	U		0.0280	0.100	1	06/01/2024 04:24	WG2296518
1,3-Dichloropropane	U		0.0700	0.200	1	06/01/2024 04:24	WG2296518
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/01/2024 04:24	WG2296518
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/01/2024 04:24	WG2296518
2,2-Dichloropropane	U		0.0317	0.100	1	06/01/2024 04:24	WG2296518
Di-isopropyl ether	0.0360	J	0.0140	0.0400	1	06/01/2024 04:24	WG2296518
Ethylbenzene	U		0.0212	0.100	1	06/01/2024 04:24	WG2296518
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	06/01/2024 04:24	WG2296518
2-Hexanone	U		0.400	1.00	1	06/01/2024 04:24	WG2296518
n-Hexane	U		0.0424	0.200	1	06/01/2024 04:24	WG2296518
Iodomethane	U		0.242	0.500	1	06/01/2024 04:24	WG2296518
Isopropylbenzene	U		0.0345	0.100	1	06/01/2024 04:24	WG2296518
p-Isopropyltoluene	U		0.0932	0.200	1	06/01/2024 04:24	WG2296518
2-Butanone (MEK)	U		0.500	1.00	1	06/01/2024 04:24	WG2296518
Methylene Chloride	U		0.265	1.00	1	06/01/2024 04:24	WG2296518
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/01/2024 04:24	WG2296518
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/01/2024 04:24	WG2296518
Naphthalene	U	C3 J4	0.124	0.500	1	06/01/2024 04:24	WG2296518
n-Propylbenzene	U		0.0472	0.200	1	06/01/2024 04:24	WG2296518
Styrene	U		0.109	0.500	1	06/01/2024 04:24	WG2296518
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/01/2024 04:24	WG2296518
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/01/2024 04:24	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/01/2024 04:24	WG2296518
Tetrachloroethene	U		0.0280	0.100	1	06/01/2024 04:24	WG2296518
Toluene	U		0.0500	0.200	1	06/01/2024 04:24	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	06/01/2024 04:24	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	06/01/2024 04:24	WG2296518
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/01/2024 04:24	WG2296518
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/01/2024 04:24	WG2296518
Trichloroethene	U		0.0160	0.0400	1	06/01/2024 04:24	WG2296518
Trichlorofluoromethane	U		0.0200	0.100	1	06/01/2024 04:24	WG2296518
1,2,3-Trichloropropane	U		0.204	0.500	1	06/01/2024 04:24	WG2296518
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/01/2024 04:24	WG2296518
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/01/2024 04:24	WG2296518
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/01/2024 04:24	WG2296518
Vinyl acetate	U		0.141	0.500	1	06/01/2024 04:24	WG2296518
Vinyl chloride	0.661		0.0273	0.100	1	06/01/2024 04:24	WG2296518
Xylenes, Total	U		0.191	0.260	1	06/01/2024 04:24	WG2296518
(S) Toluene-d8	102			75.0-131		06/01/2024 04:24	WG2296518
(S) 4-Bromofluorobenzene	98.6			67.0-138		06/01/2024 04:24	WG2296518
(S) 1,2-Dichloroethane-d4	105			70.0-130		06/01/2024 04:24	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	0.887	J	0.548	1.00	1	06/01/2024 04:43	WG2296518
Acrylonitrile	U		0.0760	0.500	1	06/01/2024 04:43	WG2296518
Benzene	U		0.0160	0.0400	1	06/01/2024 04:43	WG2296518
Bromobenzene	U		0.0420	0.500	1	06/01/2024 04:43	WG2296518
Bromochloromethane	U		0.0452	0.200	1	06/01/2024 04:43	WG2296518
Bromodichloromethane	U		0.0315	0.100	1	06/01/2024 04:43	WG2296518
Bromoform	U		0.239	1.00	1	06/01/2024 04:43	WG2296518
Bromomethane	U		0.148	0.500	1	06/01/2024 04:43	WG2296518
n-Butylbenzene	U		0.153	0.500	1	06/01/2024 04:43	WG2296518
sec-Butylbenzene	U		0.101	0.500	1	06/01/2024 04:43	WG2296518
tert-Butylbenzene	U		0.0620	0.200	1	06/01/2024 04:43	WG2296518
Carbon disulfide	U		0.162	0.500	1	06/01/2024 04:43	WG2296518
Carbon tetrachloride	U		0.0432	0.200	1	06/01/2024 04:43	WG2296518
Chlorobenzene	U		0.0229	0.100	1	06/01/2024 04:43	WG2296518
Chlorodibromomethane	U		0.0180	0.100	1	06/01/2024 04:43	WG2296518
Chloroethane	U		0.0432	0.200	1	06/01/2024 04:43	WG2296518
Chloroform	U		0.0166	0.100	1	06/01/2024 04:43	WG2296518
Chloromethane	U		0.0556	0.500	1	06/01/2024 04:43	WG2296518
2-Chlorotoluene	U		0.0368	0.100	1	06/01/2024 04:43	WG2296518
4-Chlorotoluene	U		0.0452	0.200	1	06/01/2024 04:43	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/01/2024 04:43	WG2296518
1,2-Dibromoethane	U		0.0210	0.100	1	06/01/2024 04:43	WG2296518
Dibromomethane	U		0.0400	0.200	1	06/01/2024 04:43	WG2296518
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/01/2024 04:43	WG2296518
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/01/2024 04:43	WG2296518
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/01/2024 04:43	WG2296518
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/01/2024 04:43	WG2296518
Dichlorodifluoromethane	U		0.0327	0.200	1	06/01/2024 04:43	WG2296518
1,1-Dichloroethane	U		0.0230	0.100	1	06/01/2024 04:43	WG2296518
1,2-Dichloroethane	U		0.0190	0.100	1	06/01/2024 04:43	WG2296518
1,1-Dichloroethene	U		0.0200	0.100	1	06/01/2024 04:43	WG2296518
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/01/2024 04:43	WG2296518
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/01/2024 04:43	WG2296518
1,2-Dichloropropane	U		0.0508	0.200	1	06/01/2024 04:43	WG2296518
1,1-Dichloropropene	U		0.0280	0.100	1	06/01/2024 04:43	WG2296518
1,3-Dichloropropane	U		0.0700	0.200	1	06/01/2024 04:43	WG2296518
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/01/2024 04:43	WG2296518
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/01/2024 04:43	WG2296518
2,2-Dichloropropane	U		0.0317	0.100	1	06/01/2024 04:43	WG2296518
Di-isopropyl ether	U		0.0140	0.0400	1	06/01/2024 04:43	WG2296518
Ethylbenzene	U		0.0212	0.100	1	06/01/2024 04:43	WG2296518
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	06/01/2024 04:43	WG2296518
2-Hexanone	U		0.400	1.00	1	06/01/2024 04:43	WG2296518
n-Hexane	U		0.0424	0.200	1	06/01/2024 04:43	WG2296518
Iodomethane	U		0.242	0.500	1	06/01/2024 04:43	WG2296518
Isopropylbenzene	U		0.0345	0.100	1	06/01/2024 04:43	WG2296518
p-Isopropyltoluene	U		0.0932	0.200	1	06/01/2024 04:43	WG2296518
2-Butanone (MEK)	U		0.500	1.00	1	06/01/2024 04:43	WG2296518
Methylene Chloride	U		0.265	1.00	1	06/01/2024 04:43	WG2296518
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/01/2024 04:43	WG2296518
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/01/2024 04:43	WG2296518
Naphthalene	U	C3 J4	0.124	0.500	1	06/01/2024 04:43	WG2296518
n-Propylbenzene	U		0.0472	0.200	1	06/01/2024 04:43	WG2296518
Styrene	U		0.109	0.500	1	06/01/2024 04:43	WG2296518
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/01/2024 04:43	WG2296518
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/01/2024 04:43	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/01/2024 04:43	WG2296518
Tetrachloroethene	U		0.0280	0.100	1	06/01/2024 04:43	WG2296518
Toluene	U		0.0500	0.200	1	06/01/2024 04:43	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	06/01/2024 04:43	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	06/01/2024 04:43	WG2296518
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/01/2024 04:43	WG2296518
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/01/2024 04:43	WG2296518
Trichloroethene	U		0.0160	0.0400	1	06/01/2024 04:43	WG2296518
Trichlorofluoromethane	U		0.0200	0.100	1	06/01/2024 04:43	WG2296518
1,2,3-Trichloropropane	U		0.204	0.500	1	06/01/2024 04:43	WG2296518
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/01/2024 04:43	WG2296518
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/01/2024 04:43	WG2296518
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/01/2024 04:43	WG2296518
Vinyl acetate	U		0.141	0.500	1	06/01/2024 04:43	WG2296518
Vinyl chloride	U		0.0273	0.100	1	06/01/2024 04:43	WG2296518
Xylenes, Total	U		0.191	0.260	1	06/01/2024 04:43	WG2296518
(S) Toluene-d8	101			75.0-131		06/01/2024 04:43	WG2296518
(S) 4-Bromofluorobenzene	96.7			67.0-138		06/01/2024 04:43	WG2296518
(S) 1,2-Dichloroethane-d4	107			70.0-130		06/01/2024 04:43	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/01/2024 05:02	WG2296518
Acrylonitrile	U		0.0760	0.500	1	06/01/2024 05:02	WG2296518
Benzene	U		0.0160	0.0400	1	06/01/2024 05:02	WG2296518
Bromobenzene	U		0.0420	0.500	1	06/01/2024 05:02	WG2296518
Bromochloromethane	U		0.0452	0.200	1	06/01/2024 05:02	WG2296518
Bromodichloromethane	U		0.0315	0.100	1	06/01/2024 05:02	WG2296518
Bromoform	U		0.239	1.00	1	06/01/2024 05:02	WG2296518
Bromomethane	U		0.148	0.500	1	06/01/2024 05:02	WG2296518
n-Butylbenzene	U		0.153	0.500	1	06/01/2024 05:02	WG2296518
sec-Butylbenzene	U		0.101	0.500	1	06/01/2024 05:02	WG2296518
tert-Butylbenzene	U		0.0620	0.200	1	06/01/2024 05:02	WG2296518
Carbon disulfide	U		0.162	0.500	1	06/01/2024 05:02	WG2296518
Carbon tetrachloride	U		0.0432	0.200	1	06/01/2024 05:02	WG2296518
Chlorobenzene	U		0.0229	0.100	1	06/01/2024 05:02	WG2296518
Chlorodibromomethane	U		0.0180	0.100	1	06/01/2024 05:02	WG2296518
Chloroethane	U		0.0432	0.200	1	06/01/2024 05:02	WG2296518
Chloroform	U		0.0166	0.100	1	06/01/2024 05:02	WG2296518
Chloromethane	U		0.0556	0.500	1	06/01/2024 05:02	WG2296518
2-Chlorotoluene	U		0.0368	0.100	1	06/01/2024 05:02	WG2296518
4-Chlorotoluene	U		0.0452	0.200	1	06/01/2024 05:02	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/01/2024 05:02	WG2296518
1,2-Dibromoethane	U		0.0210	0.100	1	06/01/2024 05:02	WG2296518
Dibromomethane	U		0.0400	0.200	1	06/01/2024 05:02	WG2296518
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/01/2024 05:02	WG2296518
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/01/2024 05:02	WG2296518
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/01/2024 05:02	WG2296518
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/01/2024 05:02	WG2296518
Dichlorodifluoromethane	U		0.0327	0.200	1	06/01/2024 05:02	WG2296518
1,1-Dichloroethane	U		0.0230	0.100	1	06/01/2024 05:02	WG2296518
1,2-Dichloroethane	U		0.0190	0.100	1	06/01/2024 05:02	WG2296518
1,1-Dichloroethene	U		0.0200	0.100	1	06/01/2024 05:02	WG2296518
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/01/2024 05:02	WG2296518
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/01/2024 05:02	WG2296518
1,2-Dichloropropane	U		0.0508	0.200	1	06/01/2024 05:02	WG2296518
1,1-Dichloropropene	U		0.0280	0.100	1	06/01/2024 05:02	WG2296518
1,3-Dichloropropane	U		0.0700	0.200	1	06/01/2024 05:02	WG2296518
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/01/2024 05:02	WG2296518
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/01/2024 05:02	WG2296518
2,2-Dichloropropane	U		0.0317	0.100	1	06/01/2024 05:02	WG2296518
Di-isopropyl ether	0.0620	C5	0.0140	0.0400	1	06/01/2024 05:02	WG2296518
Ethylbenzene	U		0.0212	0.100	1	06/01/2024 05:02	WG2296518
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	06/01/2024 05:02	WG2296518
2-Hexanone	U		0.400	1.00	1	06/01/2024 05:02	WG2296518
n-Hexane	U		0.0424	0.200	1	06/01/2024 05:02	WG2296518
Iodomethane	U		0.242	0.500	1	06/01/2024 05:02	WG2296518
Isopropylbenzene	U		0.0345	0.100	1	06/01/2024 05:02	WG2296518
p-Isopropyltoluene	U		0.0932	0.200	1	06/01/2024 05:02	WG2296518
2-Butanone (MEK)	U		0.500	1.00	1	06/01/2024 05:02	WG2296518
Methylene Chloride	U		0.265	1.00	1	06/01/2024 05:02	WG2296518
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/01/2024 05:02	WG2296518
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/01/2024 05:02	WG2296518
Naphthalene	U	C3 J4	0.124	0.500	1	06/01/2024 05:02	WG2296518
n-Propylbenzene	U		0.0472	0.200	1	06/01/2024 05:02	WG2296518
Styrene	U		0.109	0.500	1	06/01/2024 05:02	WG2296518
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/01/2024 05:02	WG2296518
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/01/2024 05:02	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/01/2024 05:02	WG2296518
Tetrachloroethene	U		0.0280	0.100	1	06/01/2024 05:02	WG2296518
Toluene	U		0.0500	0.200	1	06/01/2024 05:02	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	06/01/2024 05:02	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	06/01/2024 05:02	WG2296518
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/01/2024 05:02	WG2296518
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/01/2024 05:02	WG2296518
Trichloroethene	U		0.0160	0.0400	1	06/01/2024 05:02	WG2296518
Trichlorofluoromethane	U		0.0200	0.100	1	06/01/2024 05:02	WG2296518
1,2,3-Trichloropropane	U		0.204	0.500	1	06/01/2024 05:02	WG2296518
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/01/2024 05:02	WG2296518
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/01/2024 05:02	WG2296518
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/01/2024 05:02	WG2296518
Vinyl acetate	U		0.141	0.500	1	06/01/2024 05:02	WG2296518
Vinyl chloride	U		0.0273	0.100	1	06/01/2024 05:02	WG2296518
Xylenes, Total	U		0.191	0.260	1	06/01/2024 05:02	WG2296518
(S) Toluene-d8	102			75.0-131		06/01/2024 05:02	WG2296518
(S) 4-Bromofluorobenzene	99.5			67.0-138		06/01/2024 05:02	WG2296518
(S) 1,2-Dichloroethane-d4	99.7			70.0-130		06/01/2024 05:02	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	1460	J	594	5000	1	06/15/2024 12:28	WG2304407

1Cp

2Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	796	J	102	1000	1	06/13/2024 13:12	WG2303844

3Ss

4Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	6080		28.1	100	1	07/11/2024 00:49	WG2297670
Manganese	706		0.704	5.00	1	07/11/2024 00:49	WG2297670

5Sr

6Qc

7Gl

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	24900		2.87	6.78	10	06/02/2024 16:51	WG2297153
Ethane	481		0.296	1.29	1	06/02/2024 15:54	WG2296667
Ethene	856		0.422	1.27	1	06/02/2024 15:54	WG2296667

8Al

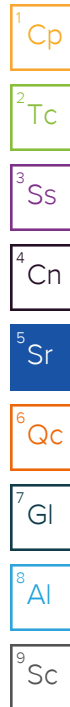
9Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		110	200	200	06/01/2024 07:34	WG2296518
Acrylonitrile	U		15.2	100	200	06/01/2024 07:34	WG2296518
Benzene	U		3.20	8.00	200	06/01/2024 07:34	WG2296518
Bromobenzene	U		8.40	100	200	06/01/2024 07:34	WG2296518
Bromochloromethane	U		9.04	40.0	200	06/01/2024 07:34	WG2296518
Bromodichloromethane	U		6.30	20.0	200	06/01/2024 07:34	WG2296518
Bromoform	U		47.8	200	200	06/01/2024 07:34	WG2296518
Bromomethane	U		29.6	100	200	06/01/2024 07:34	WG2296518
n-Butylbenzene	U		30.6	100	200	06/01/2024 07:34	WG2296518
sec-Butylbenzene	U		20.2	100	200	06/01/2024 07:34	WG2296518
tert-Butylbenzene	U		12.4	40.0	200	06/01/2024 07:34	WG2296518
Carbon disulfide	U		32.4	100	200	06/01/2024 07:34	WG2296518
Carbon tetrachloride	U		8.64	40.0	200	06/01/2024 07:34	WG2296518
Chlorobenzene	U		4.58	20.0	200	06/01/2024 07:34	WG2296518
Chlorodibromomethane	U		3.60	20.0	200	06/01/2024 07:34	WG2296518
Chloroethane	U		8.64	40.0	200	06/01/2024 07:34	WG2296518
Chloroform	U		3.32	20.0	200	06/01/2024 07:34	WG2296518
Chloromethane	U		11.1	100	200	06/01/2024 07:34	WG2296518
2-Chlorotoluene	U		7.36	20.0	200	06/01/2024 07:34	WG2296518
4-Chlorotoluene	U		9.04	40.0	200	06/01/2024 07:34	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	40.8	200	200	06/01/2024 07:34	WG2296518
1,2-Dibromoethane	U		4.20	20.0	200	06/01/2024 07:34	WG2296518
Dibromomethane	U		8.00	40.0	200	06/01/2024 07:34	WG2296518
1,2-Dichlorobenzene	U		11.6	40.0	200	06/01/2024 07:34	WG2296518
1,3-Dichlorobenzene	U		13.6	40.0	200	06/01/2024 07:34	WG2296518
1,4-Dichlorobenzene	U		15.8	40.0	200	06/01/2024 07:34	WG2296518
trans-1,4-Dichloro-2-butene	U		11.2	40.0	200	06/01/2024 07:34	WG2296518
Dichlorodifluoromethane	U		6.54	40.0	200	06/01/2024 07:34	WG2296518
1,1-Dichloroethane	U		4.60	20.0	200	06/01/2024 07:34	WG2296518
1,2-Dichloroethane	U		3.80	20.0	200	06/01/2024 07:34	WG2296518
1,1-Dichloroethene	8.80	J	4.00	20.0	200	06/01/2024 07:34	WG2296518

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	1900		5.52	20.0	200	06/01/2024 07:34	WG2296518
trans-1,2-Dichloroethene	U		11.4	40.0	200	06/01/2024 07:34	WG2296518
1,2-Dichloropropane	U		10.2	40.0	200	06/01/2024 07:34	WG2296518
1,1-Dichloropropene	U		5.60	20.0	200	06/01/2024 07:34	WG2296518
1,3-Dichloropropane	U		14.0	40.0	200	06/01/2024 07:34	WG2296518
cis-1,3-Dichloropropene	U		5.42	20.0	200	06/01/2024 07:34	WG2296518
trans-1,3-Dichloropropene	U		12.2	40.0	200	06/01/2024 07:34	WG2296518
2,2-Dichloropropane	U		6.34	20.0	200	06/01/2024 07:34	WG2296518
Di-isopropyl ether	U		2.80	8.00	200	06/01/2024 07:34	WG2296518
Ethylbenzene	U		4.24	20.0	200	06/01/2024 07:34	WG2296518
Hexachloro-1,3-butadiene	U	C3	102	200	200	06/01/2024 07:34	WG2296518
2-Hexanone	U		80.0	200	200	06/01/2024 07:34	WG2296518
n-Hexane	U		8.48	40.0	200	06/01/2024 07:34	WG2296518
Iodomethane	U		48.4	100	200	06/01/2024 07:34	WG2296518
Isopropylbenzene	U		6.90	20.0	200	06/01/2024 07:34	WG2296518
p-Isopropyltoluene	U		18.6	40.0	200	06/01/2024 07:34	WG2296518
2-Butanone (MEK)	U		100	200	200	06/01/2024 07:34	WG2296518
Methylene Chloride	U		53.0	200	200	06/01/2024 07:34	WG2296518
4-Methyl-2-pentanone (MIBK)	U		80.0	200	200	06/01/2024 07:34	WG2296518
Methyl tert-butyl ether	U		2.36	8.00	200	06/01/2024 07:34	WG2296518
Naphthalene	U	C3 J4	24.8	100	200	06/01/2024 07:34	WG2296518
n-Propylbenzene	U		9.44	40.0	200	06/01/2024 07:34	WG2296518
Styrene	U		21.8	100	200	06/01/2024 07:34	WG2296518
1,1,1,2-Tetrachloroethane	U		4.00	20.0	200	06/01/2024 07:34	WG2296518
1,1,2,2-Tetrachloroethane	U		3.12	20.0	200	06/01/2024 07:34	WG2296518
1,1,2-Trichlorotrifluoroethane	U		5.40	20.0	200	06/01/2024 07:34	WG2296518
Tetrachloroethene	1090	C5	5.60	20.0	200	06/01/2024 07:34	WG2296518
Toluene	U		10.0	40.0	200	06/01/2024 07:34	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	5.00	100	200	06/01/2024 07:34	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	38.6	100	200	06/01/2024 07:34	WG2296518
1,1,1-Trichloroethane	U		2.20	20.0	200	06/01/2024 07:34	WG2296518
1,1,2-Trichloroethane	U		7.06	20.0	200	06/01/2024 07:34	WG2296518
Trichloroethene	319		3.20	8.00	200	06/01/2024 07:34	WG2296518
Trichlorofluoromethane	U		4.00	20.0	200	06/01/2024 07:34	WG2296518
1,2,3-Trichloropropane	U		40.8	100	200	06/01/2024 07:34	WG2296518
1,2,4-Trimethylbenzene	U		9.28	40.0	200	06/01/2024 07:34	WG2296518
1,2,3-Trimethylbenzene	U		9.20	40.0	200	06/01/2024 07:34	WG2296518
1,3,5-Trimethylbenzene	U		8.64	40.0	200	06/01/2024 07:34	WG2296518
Vinyl acetate	U		28.2	100	200	06/01/2024 07:34	WG2296518
Vinyl chloride	1090		5.46	20.0	200	06/01/2024 07:34	WG2296518
Xylenes, Total	U		38.2	52.0	200	06/01/2024 07:34	WG2296518
(S) Toluene-d8	102			75.0-131		06/01/2024 07:34	WG2296518
(S) 4-Bromofluorobenzene	96.7			67.0-138		06/01/2024 07:34	WG2296518
(S) 1,2-Dichloroethane-d4	101			70.0-130		06/01/2024 07:34	WG2296518



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	06/01/2024 05:21	WG2296518
Acrylonitrile	U		0.0760	0.500	1	06/01/2024 05:21	WG2296518
Benzene	U		0.0160	0.0400	1	06/01/2024 05:21	WG2296518
Bromobenzene	U		0.0420	0.500	1	06/01/2024 05:21	WG2296518
Bromochloromethane	U		0.0452	0.200	1	06/01/2024 05:21	WG2296518
Bromodichloromethane	U		0.0315	0.100	1	06/01/2024 05:21	WG2296518
Bromoform	U		0.239	1.00	1	06/01/2024 05:21	WG2296518
Bromomethane	U		0.148	0.500	1	06/01/2024 05:21	WG2296518
n-Butylbenzene	U		0.153	0.500	1	06/01/2024 05:21	WG2296518
sec-Butylbenzene	U		0.101	0.500	1	06/01/2024 05:21	WG2296518
tert-Butylbenzene	U		0.0620	0.200	1	06/01/2024 05:21	WG2296518
Carbon disulfide	U		0.162	0.500	1	06/01/2024 05:21	WG2296518
Carbon tetrachloride	U		0.0432	0.200	1	06/01/2024 05:21	WG2296518
Chlorobenzene	U		0.0229	0.100	1	06/01/2024 05:21	WG2296518
Chlorodibromomethane	U		0.0180	0.100	1	06/01/2024 05:21	WG2296518
Chloroethane	U		0.0432	0.200	1	06/01/2024 05:21	WG2296518
Chloroform	U		0.0166	0.100	1	06/01/2024 05:21	WG2296518
Chloromethane	U		0.0556	0.500	1	06/01/2024 05:21	WG2296518
2-Chlorotoluene	U		0.0368	0.100	1	06/01/2024 05:21	WG2296518
4-Chlorotoluene	U		0.0452	0.200	1	06/01/2024 05:21	WG2296518
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/01/2024 05:21	WG2296518
1,2-Dibromoethane	U		0.0210	0.100	1	06/01/2024 05:21	WG2296518
Dibromomethane	U		0.0400	0.200	1	06/01/2024 05:21	WG2296518
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/01/2024 05:21	WG2296518
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/01/2024 05:21	WG2296518
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/01/2024 05:21	WG2296518
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/01/2024 05:21	WG2296518
Dichlorodifluoromethane	U		0.0327	0.200	1	06/01/2024 05:21	WG2296518
1,1-Dichloroethane	U		0.0230	0.100	1	06/01/2024 05:21	WG2296518
1,2-Dichloroethane	U		0.0190	0.100	1	06/01/2024 05:21	WG2296518
1,1-Dichloroethene	U		0.0200	0.100	1	06/01/2024 05:21	WG2296518
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/01/2024 05:21	WG2296518
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/01/2024 05:21	WG2296518
1,2-Dichloropropane	U		0.0508	0.200	1	06/01/2024 05:21	WG2296518
1,1-Dichloropropene	U		0.0280	0.100	1	06/01/2024 05:21	WG2296518
1,3-Dichloropropane	U		0.0700	0.200	1	06/01/2024 05:21	WG2296518
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/01/2024 05:21	WG2296518
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/01/2024 05:21	WG2296518
2,2-Dichloropropane	U		0.0317	0.100	1	06/01/2024 05:21	WG2296518
Di-isopropyl ether	U		0.0140	0.0400	1	06/01/2024 05:21	WG2296518
Ethylbenzene	U		0.0212	0.100	1	06/01/2024 05:21	WG2296518
Hexachloro-1,3-butadiene	U	C3	0.508	1.00	1	06/01/2024 05:21	WG2296518
2-Hexanone	U		0.400	1.00	1	06/01/2024 05:21	WG2296518
n-Hexane	U		0.0424	0.200	1	06/01/2024 05:21	WG2296518
Iodomethane	U		0.242	0.500	1	06/01/2024 05:21	WG2296518
Isopropylbenzene	U		0.0345	0.100	1	06/01/2024 05:21	WG2296518
p-Isopropyltoluene	U		0.0932	0.200	1	06/01/2024 05:21	WG2296518
2-Butanone (MEK)	U		0.500	1.00	1	06/01/2024 05:21	WG2296518
Methylene Chloride	U		0.265	1.00	1	06/01/2024 05:21	WG2296518
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/01/2024 05:21	WG2296518
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/01/2024 05:21	WG2296518
Naphthalene	U	C3 J4	0.124	0.500	1	06/01/2024 05:21	WG2296518
n-Propylbenzene	U		0.0472	0.200	1	06/01/2024 05:21	WG2296518
Styrene	U		0.109	0.500	1	06/01/2024 05:21	WG2296518
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/01/2024 05:21	WG2296518
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/01/2024 05:21	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/01/2024 05:21	WG2296518
Tetrachloroethene	U		0.0280	0.100	1	06/01/2024 05:21	WG2296518
Toluene	U		0.0500	0.200	1	06/01/2024 05:21	WG2296518
1,2,3-Trichlorobenzene	U	C3 J4	0.0250	0.500	1	06/01/2024 05:21	WG2296518
1,2,4-Trichlorobenzene	U	C3 J4	0.193	0.500	1	06/01/2024 05:21	WG2296518
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/01/2024 05:21	WG2296518
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/01/2024 05:21	WG2296518
Trichloroethene	U		0.0160	0.0400	1	06/01/2024 05:21	WG2296518
Trichlorofluoromethane	U		0.0200	0.100	1	06/01/2024 05:21	WG2296518
1,2,3-Trichloropropane	U		0.204	0.500	1	06/01/2024 05:21	WG2296518
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/01/2024 05:21	WG2296518
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/01/2024 05:21	WG2296518
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/01/2024 05:21	WG2296518
Vinyl acetate	U		0.141	0.500	1	06/01/2024 05:21	WG2296518
Vinyl chloride	U		0.0273	0.100	1	06/01/2024 05:21	WG2296518
Xylenes, Total	U		0.191	0.260	1	06/01/2024 05:21	WG2296518
(S) Toluene-d8	99.7			75.0-131		06/01/2024 05:21	WG2296518
(S) 4-Bromofluorobenzene	98.2			67.0-138		06/01/2024 05:21	WG2296518
(S) 1,2-Dichloroethane-d4	100			70.0-130		06/01/2024 05:21	WG2296518

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/03/2024 05:00	WG2297173
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 05:00	WG2297173
Benzene	U		0.0160	0.0400	1	06/03/2024 05:00	WG2297173
Bromobenzene	U		0.0420	0.500	1	06/03/2024 05:00	WG2297173
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 05:00	WG2297173
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 05:00	WG2297173
Bromoform	U	C3	0.239	1.00	1	06/03/2024 05:00	WG2297173
Bromomethane	U	C3	0.148	0.500	1	06/03/2024 05:00	WG2297173
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 05:00	WG2297173
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 05:00	WG2297173
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 05:00	WG2297173
Carbon disulfide	U		0.162	0.500	1	06/03/2024 05:00	WG2297173
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 05:00	WG2297173
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 05:00	WG2297173
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 05:00	WG2297173
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 05:00	WG2297173
Chloroform	U		0.0166	0.100	1	06/03/2024 05:00	WG2297173
Chloromethane	U		0.0556	0.500	1	06/03/2024 05:00	WG2297173
2-Chlorotoluene	U	C3	0.0368	0.100	1	06/03/2024 05:00	WG2297173
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 05:00	WG2297173
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 05:00	WG2297173
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 05:00	WG2297173
Dibromomethane	U		0.0400	0.200	1	06/03/2024 05:00	WG2297173
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 05:00	WG2297173
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 05:00	WG2297173
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 05:00	WG2297173
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 05:00	WG2297173
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 05:00	WG2297173
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 05:00	WG2297173
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 05:00	WG2297173
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 05:00	WG2297173
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/03/2024 05:00	WG2297173
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 05:00	WG2297173
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 05:00	WG2297173
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 05:00	WG2297173
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 05:00	WG2297173
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 05:00	WG2297173
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 05:00	WG2297173
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 05:00	WG2297173
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 05:00	WG2297173
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 05:00	WG2297173
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 05:00	WG2297173
2-Hexanone	U		0.400	1.00	1	06/03/2024 05:00	WG2297173
n-Hexane	U		0.0424	0.200	1	06/03/2024 05:00	WG2297173
Iodomethane	U	C3	0.242	0.500	1	06/03/2024 05:00	WG2297173
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 05:00	WG2297173
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 05:00	WG2297173
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 05:00	WG2297173
Methylene Chloride	U		0.265	1.00	1	06/03/2024 05:00	WG2297173
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 05:00	WG2297173
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 05:00	WG2297173
Naphthalene	U		0.124	0.500	1	06/03/2024 05:00	WG2297173
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 05:00	WG2297173
Styrene	U		0.109	0.500	1	06/03/2024 05:00	WG2297173
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 05:00	WG2297173
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 05:00	WG2297173

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 05:00	WG2297173
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 05:00	WG2297173
Toluene	U		0.0500	0.200	1	06/03/2024 05:00	WG2297173
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 05:00	WG2297173
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 05:00	WG2297173
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 05:00	WG2297173
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 05:00	WG2297173
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 05:00	WG2297173
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 05:00	WG2297173
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 05:00	WG2297173
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 05:00	WG2297173
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 05:00	WG2297173
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 05:00	WG2297173
Vinyl acetate	U		0.141	0.500	1	06/03/2024 05:00	WG2297173
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 05:00	WG2297173
Xylenes, Total	U		0.191	0.260	1	06/03/2024 05:00	WG2297173
(S) Toluene-d8	102			75.0-131		06/03/2024 05:00	WG2297173
(S) 4-Bromofluorobenzene	96.1			67.0-138		06/03/2024 05:00	WG2297173
(S) 1,2-Dichloroethane-d4	91.8			70.0-130		06/03/2024 05:00	WG2297173

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

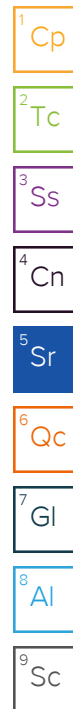
7Gl

8Al

9Sc

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	06/03/2024 05:18	WG2297173
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 05:18	WG2297173
Benzene	U		0.0160	0.0400	1	06/03/2024 05:18	WG2297173
Bromobenzene	U		0.0420	0.500	1	06/03/2024 05:18	WG2297173
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 05:18	WG2297173
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 05:18	WG2297173
Bromoform	U	C3	0.239	1.00	1	06/03/2024 05:18	WG2297173
Bromomethane	U	C3	0.148	0.500	1	06/03/2024 05:18	WG2297173
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 05:18	WG2297173
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 05:18	WG2297173
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 05:18	WG2297173
Carbon disulfide	U		0.162	0.500	1	06/03/2024 05:18	WG2297173
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 05:18	WG2297173
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 05:18	WG2297173
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 05:18	WG2297173
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 05:18	WG2297173
Chloroform	U		0.0166	0.100	1	06/03/2024 05:18	WG2297173
Chloromethane	U		0.0556	0.500	1	06/03/2024 05:18	WG2297173
2-Chlorotoluene	U	C3	0.0368	0.100	1	06/03/2024 05:18	WG2297173
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 05:18	WG2297173
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 05:18	WG2297173
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 05:18	WG2297173
Dibromomethane	U		0.0400	0.200	1	06/03/2024 05:18	WG2297173
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 05:18	WG2297173
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 05:18	WG2297173
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 05:18	WG2297173
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 05:18	WG2297173
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 05:18	WG2297173
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 05:18	WG2297173
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 05:18	WG2297173
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 05:18	WG2297173
cis-1,2-Dichloroethene	15.2		0.0276	0.100	1	06/03/2024 05:18	WG2297173
trans-1,2-Dichloroethene	0.201		0.0572	0.200	1	06/03/2024 05:18	WG2297173
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 05:18	WG2297173
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 05:18	WG2297173
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 05:18	WG2297173
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 05:18	WG2297173
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 05:18	WG2297173
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 05:18	WG2297173
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 05:18	WG2297173
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 05:18	WG2297173
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 05:18	WG2297173
2-Hexanone	U		0.400	1.00	1	06/03/2024 05:18	WG2297173
n-Hexane	U		0.0424	0.200	1	06/03/2024 05:18	WG2297173
Iodomethane	U	C3	0.242	0.500	1	06/03/2024 05:18	WG2297173
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 05:18	WG2297173
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 05:18	WG2297173
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 05:18	WG2297173
Methylene Chloride	U		0.265	1.00	1	06/03/2024 05:18	WG2297173
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 05:18	WG2297173
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 05:18	WG2297173
Naphthalene	U		0.124	0.500	1	06/03/2024 05:18	WG2297173
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 05:18	WG2297173
Styrene	U		0.109	0.500	1	06/03/2024 05:18	WG2297173
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 05:18	WG2297173
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 05:18	WG2297173



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 05:18	WG2297173
Tetrachloroethene	2.41		0.0280	0.100	1	06/03/2024 05:18	WG2297173
Toluene	U		0.0500	0.200	1	06/03/2024 05:18	WG2297173
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 05:18	WG2297173
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 05:18	WG2297173
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 05:18	WG2297173
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 05:18	WG2297173
Trichloroethene	5.88		0.0160	0.0400	1	06/03/2024 05:18	WG2297173
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 05:18	WG2297173
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 05:18	WG2297173
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 05:18	WG2297173
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 05:18	WG2297173
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 05:18	WG2297173
Vinyl acetate	U		0.141	0.500	1	06/03/2024 05:18	WG2297173
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 05:18	WG2297173
Xylenes, Total	U		0.191	0.260	1	06/03/2024 05:18	WG2297173
(S) Toluene-d8	102			75.0-131		06/03/2024 05:18	WG2297173
(S) 4-Bromofluorobenzene	96.3			67.0-138		06/03/2024 05:18	WG2297173
(S) 1,2-Dichloroethane-d4	94.9			70.0-130		06/03/2024 05:18	WG2297173

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/03/2024 05:38	WG2297173
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 05:38	WG2297173
Benzene	10.9		0.0160	0.0400	1	06/03/2024 05:38	WG2297173
Bromobenzene	U		0.0420	0.500	1	06/03/2024 05:38	WG2297173
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 05:38	WG2297173
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 05:38	WG2297173
Bromoform	U	C3	0.239	1.00	1	06/03/2024 05:38	WG2297173
Bromomethane	U	C3	0.148	0.500	1	06/03/2024 05:38	WG2297173
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 05:38	WG2297173
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 05:38	WG2297173
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 05:38	WG2297173
Carbon disulfide	U		0.162	0.500	1	06/03/2024 05:38	WG2297173
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 05:38	WG2297173
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 05:38	WG2297173
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 05:38	WG2297173
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 05:38	WG2297173
Chloroform	U		0.0166	0.100	1	06/03/2024 05:38	WG2297173
Chloromethane	U		0.0556	0.500	1	06/03/2024 05:38	WG2297173
2-Chlorotoluene	U	C3	0.0368	0.100	1	06/03/2024 05:38	WG2297173
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 05:38	WG2297173
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 05:38	WG2297173
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 05:38	WG2297173
Dibromomethane	U		0.0400	0.200	1	06/03/2024 05:38	WG2297173
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 05:38	WG2297173
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 05:38	WG2297173
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 05:38	WG2297173
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 05:38	WG2297173
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 05:38	WG2297173
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 05:38	WG2297173
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 05:38	WG2297173
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 05:38	WG2297173
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/03/2024 05:38	WG2297173
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 05:38	WG2297173
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 05:38	WG2297173
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 05:38	WG2297173
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 05:38	WG2297173
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 05:38	WG2297173
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 05:38	WG2297173
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 05:38	WG2297173
Di-isopropyl ether	0.216		0.0140	0.0400	1	06/03/2024 05:38	WG2297173
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 05:38	WG2297173
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 05:38	WG2297173
2-Hexanone	U		0.400	1.00	1	06/03/2024 05:38	WG2297173
n-Hexane	U		0.0424	0.200	1	06/03/2024 05:38	WG2297173
Iodomethane	U	C3	0.242	0.500	1	06/03/2024 05:38	WG2297173
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 05:38	WG2297173
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 05:38	WG2297173
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 05:38	WG2297173
Methylene Chloride	U		0.265	1.00	1	06/03/2024 05:38	WG2297173
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 05:38	WG2297173
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 05:38	WG2297173
Naphthalene	U		0.124	0.500	1	06/03/2024 05:38	WG2297173
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 05:38	WG2297173
Styrene	U		0.109	0.500	1	06/03/2024 05:38	WG2297173
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 05:38	WG2297173
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 05:38	WG2297173

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 05:38	WG2297173
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 05:38	WG2297173
Toluene	U		0.0500	0.200	1	06/03/2024 05:38	WG2297173
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 05:38	WG2297173
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 05:38	WG2297173
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 05:38	WG2297173
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 05:38	WG2297173
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 05:38	WG2297173
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 05:38	WG2297173
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 05:38	WG2297173
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 05:38	WG2297173
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 05:38	WG2297173
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 05:38	WG2297173
Vinyl acetate	U		0.141	0.500	1	06/03/2024 05:38	WG2297173
Vinyl chloride	1.02		0.0273	0.100	1	06/03/2024 05:38	WG2297173
Xylenes, Total	U		0.191	0.260	1	06/03/2024 05:38	WG2297173
(S) Toluene-d8	100			75.0-131		06/03/2024 05:38	WG2297173
(S) 4-Bromofluorobenzene	98.8			67.0-138		06/03/2024 05:38	WG2297173
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		06/03/2024 05:38	WG2297173

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/03/2024 05:57	WG2297173
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 05:57	WG2297173
Benzene	U		0.0160	0.0400	1	06/03/2024 05:57	WG2297173
Bromobenzene	U		0.0420	0.500	1	06/03/2024 05:57	WG2297173
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 05:57	WG2297173
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 05:57	WG2297173
Bromoform	U	C3	0.239	1.00	1	06/03/2024 05:57	WG2297173
Bromomethane	U	C3	0.148	0.500	1	06/03/2024 05:57	WG2297173
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 05:57	WG2297173
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 05:57	WG2297173
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 05:57	WG2297173
Carbon disulfide	U		0.162	0.500	1	06/03/2024 05:57	WG2297173
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 05:57	WG2297173
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 05:57	WG2297173
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 05:57	WG2297173
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 05:57	WG2297173
Chloroform	U		0.0166	0.100	1	06/03/2024 05:57	WG2297173
Chloromethane	U		0.0556	0.500	1	06/03/2024 05:57	WG2297173
2-Chlorotoluene	U	C3	0.0368	0.100	1	06/03/2024 05:57	WG2297173
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 05:57	WG2297173
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 05:57	WG2297173
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 05:57	WG2297173
Dibromomethane	U		0.0400	0.200	1	06/03/2024 05:57	WG2297173
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 05:57	WG2297173
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 05:57	WG2297173
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 05:57	WG2297173
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 05:57	WG2297173
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 05:57	WG2297173
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 05:57	WG2297173
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 05:57	WG2297173
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 05:57	WG2297173
cis-1,2-Dichloroethene	7.80		0.0276	0.100	1	06/03/2024 05:57	WG2297173
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 05:57	WG2297173
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 05:57	WG2297173
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 05:57	WG2297173
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 05:57	WG2297173
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 05:57	WG2297173
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 05:57	WG2297173
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 05:57	WG2297173
Di-isopropyl ether	0.0830		0.0140	0.0400	1	06/03/2024 05:57	WG2297173
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 05:57	WG2297173
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 05:57	WG2297173
2-Hexanone	U		0.400	1.00	1	06/03/2024 05:57	WG2297173
n-Hexane	U		0.0424	0.200	1	06/03/2024 05:57	WG2297173
Iodomethane	U	C3	0.242	0.500	1	06/03/2024 05:57	WG2297173
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 05:57	WG2297173
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 05:57	WG2297173
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 05:57	WG2297173
Methylene Chloride	U		0.265	1.00	1	06/03/2024 05:57	WG2297173
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 05:57	WG2297173
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 05:57	WG2297173
Naphthalene	U		0.124	0.500	1	06/03/2024 05:57	WG2297173
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 05:57	WG2297173
Styrene	U		0.109	0.500	1	06/03/2024 05:57	WG2297173
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 05:57	WG2297173
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 05:57	WG2297173

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 05:57	WG2297173
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 05:57	WG2297173
Toluene	U		0.0500	0.200	1	06/03/2024 05:57	WG2297173
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 05:57	WG2297173
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 05:57	WG2297173
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 05:57	WG2297173
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 05:57	WG2297173
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 05:57	WG2297173
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 05:57	WG2297173
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 05:57	WG2297173
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 05:57	WG2297173
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 05:57	WG2297173
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 05:57	WG2297173
Vinyl acetate	U		0.141	0.500	1	06/03/2024 05:57	WG2297173
Vinyl chloride	23.4		0.0273	0.100	1	06/03/2024 05:57	WG2297173
Xylenes, Total	U		0.191	0.260	1	06/03/2024 05:57	WG2297173
(S) Toluene-d8	101			75.0-131		06/03/2024 05:57	WG2297173
(S) 4-Bromofluorobenzene	94.8			67.0-138		06/03/2024 05:57	WG2297173
(S) 1,2-Dichloroethane-d4	94.9			70.0-130		06/03/2024 05:57	WG2297173

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	7.60		0.548	1.00	1	06/03/2024 03:05	WG2297173
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 03:05	WG2297173
Benzene	U		0.0160	0.0400	1	06/03/2024 03:05	WG2297173
Bromobenzene	U		0.0420	0.500	1	06/03/2024 03:05	WG2297173
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 03:05	WG2297173
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 03:05	WG2297173
Bromoform	U	C3	0.239	1.00	1	06/03/2024 03:05	WG2297173
Bromomethane	U	C3	0.148	0.500	1	06/03/2024 03:05	WG2297173
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 03:05	WG2297173
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 03:05	WG2297173
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 03:05	WG2297173
Carbon disulfide	U		0.162	0.500	1	06/03/2024 03:05	WG2297173
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 03:05	WG2297173
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 03:05	WG2297173
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 03:05	WG2297173
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 03:05	WG2297173
Chloroform	U		0.0166	0.100	1	06/03/2024 03:05	WG2297173
Chloromethane	U		0.0556	0.500	1	06/03/2024 03:05	WG2297173
2-Chlorotoluene	U	C3	0.0368	0.100	1	06/03/2024 03:05	WG2297173
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 03:05	WG2297173
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 03:05	WG2297173
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 03:05	WG2297173
Dibromomethane	U		0.0400	0.200	1	06/03/2024 03:05	WG2297173
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 03:05	WG2297173
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 03:05	WG2297173
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 03:05	WG2297173
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 03:05	WG2297173
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 03:05	WG2297173
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 03:05	WG2297173
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 03:05	WG2297173
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 03:05	WG2297173
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/03/2024 03:05	WG2297173
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 03:05	WG2297173
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 03:05	WG2297173
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 03:05	WG2297173
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 03:05	WG2297173
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 03:05	WG2297173
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 03:05	WG2297173
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 03:05	WG2297173
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 03:05	WG2297173
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 03:05	WG2297173
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 03:05	WG2297173
2-Hexanone	U		0.400	1.00	1	06/03/2024 03:05	WG2297173
n-Hexane	U		0.0424	0.200	1	06/03/2024 03:05	WG2297173
Iodomethane	U	C3	0.242	0.500	1	06/03/2024 03:05	WG2297173
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 03:05	WG2297173
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 03:05	WG2297173
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 03:05	WG2297173
Methylene Chloride	U		0.265	1.00	1	06/03/2024 03:05	WG2297173
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 03:05	WG2297173
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 03:05	WG2297173
Naphthalene	U		0.124	0.500	1	06/03/2024 03:05	WG2297173
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 03:05	WG2297173
Styrene	U		0.109	0.500	1	06/03/2024 03:05	WG2297173
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 03:05	WG2297173
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 03:05	WG2297173

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 03:05	WG2297173
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 03:05	WG2297173
Toluene	U		0.0500	0.200	1	06/03/2024 03:05	WG2297173
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 03:05	WG2297173
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 03:05	WG2297173
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 03:05	WG2297173
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 03:05	WG2297173
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 03:05	WG2297173
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 03:05	WG2297173
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 03:05	WG2297173
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 03:05	WG2297173
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 03:05	WG2297173
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 03:05	WG2297173
Vinyl acetate	U		0.141	0.500	1	06/03/2024 03:05	WG2297173
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 03:05	WG2297173
Xylenes, Total	U		0.191	0.260	1	06/03/2024 03:05	WG2297173
(S) Toluene-d8	103			75.0-131		06/03/2024 03:05	WG2297173
(S) 4-Bromofluorobenzene	95.0			67.0-138		06/03/2024 03:05	WG2297173
(S) 1,2-Dichloroethane-d4	97.6			70.0-130		06/03/2024 03:05	WG2297173

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4082726-1 06/14/24 09:22

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

L1740314-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1740314-01 06/15/24 06:45 • (DUP) R4082726-3 06/15/24 06:59

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	694	603	1	14.0	⌵	15

L1740435-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1740435-13 06/15/24 12:28 • (DUP) R4082726-6 06/15/24 12:40

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	1460	1540	1	5.10	⌵	15

Laboratory Control Sample (LCS)

(LCS) R4082726-2 06/14/24 09:35

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	38600	96.5	80.0-120	

L1740314-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740314-01 06/15/24 06:45 • (MS) R4082726-4 06/15/24 07:12 • (MSD) R4082726-5 06/15/24 07:25

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	40000	694	40500	40200	99.5	98.9	1	80.0-120			0.621	15

L1740435-13 Original Sample (OS) • Matrix Spike (MS)

(OS) L1740435-13 06/15/24 12:28 • (MS) R4082726-7 06/15/24 12:53

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Sulfate	40000	1460	40000	96.3	1	80.0-120	



Method Blank (MB)

(MB) R4082710-1 06/14/24 09:30

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

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

L1740433-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1740433-07 06/15/24 01:58 • (DUP) R4082710-3 06/15/24 02:12

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	29900	29700	1	0.623		15

L1740435-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1740435-04 06/15/24 07:06 • (DUP) R4082710-6 06/15/24 07:20

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	1870	2320	1	21.2	J P1	15

Laboratory Control Sample (LCS)

(LCS) R4082710-2 06/14/24 09:43

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	38700	96.8	80.0-120	

L1740433-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740433-07 06/15/24 01:58 • (MS) R4082710-4 06/15/24 02:25 • (MSD) R4082710-5 06/15/24 02:38

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	40000	29900	63300	63200	83.6	83.4	1	80.0-120			0.131	15

L1740435-04 Original Sample (OS) • Matrix Spike (MS)

(OS) L1740435-04 06/15/24 07:06 • (MS) R4082710-7 06/15/24 07:33

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Sulfate	40000	1870	38800	92.3	1	80.0-120	

Method Blank (MB)

(MB) R4081580-1 06/13/24 03:47

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

L1740435-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1740435-03 06/13/24 11:00 • (DUP) R4081580-6 06/13/24 11:22

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	10700	9800	1	8.28		20

L1740101-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1740101-14 06/13/24 05:35 • (DUP) R4081580-3 06/13/24 05:53

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	961	1010	1	4.94		20

Laboratory Control Sample (LCS)

(LCS) R4081580-2 06/13/24 05:00

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	24400	97.6	85.0-115	

L1740435-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740435-04 06/13/24 11:45 • (MS) R4081580-7 06/13/24 12:10 • (MSD) R4081580-8 06/13/24 12:33

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	31000	56700	56100	103	100	1	85.0-115	E	E	1.12	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4092311-1 07/10/24 20:42

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

Laboratory Control Sample (LCS)

(LCS) R4092311-2 07/10/24 20:45

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Iron	1000	976	97.6	80.0-120	
Manganese	50.0	48.7	97.4	80.0-120	

L1740435-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740435-01 07/10/24 20:48 • (MS) R4092311-4 07/10/24 20:55 • (MSD) R4092311-5 07/10/24 20:58

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	1000	17800	18300	17300	54.2	0.000	1	75.0-125	V	V	5.90	20
Manganese	50.0	2930	2980	2850	91.8	0.000	1	75.0-125	V	V	4.46	20

1

Cp

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Tc

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Ss

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Cn

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Sr

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Qc

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Gl

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Al

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Sc

Method Blank (MB)

(MB) R4092377-1 07/10/24 23:43

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

Laboratory Control Sample (LCS)

(LCS) R4092377-2 07/10/24 23:46

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Iron	1000	995	99.5	80.0-120	
Manganese	50.0	49.5	99.0	80.0-120	

L1740435-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740435-04 07/10/24 23:49 • (MS) R4092377-4 07/10/24 23:56 • (MSD) R4092377-5 07/10/24 23:59

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	1000	13300	15200	14900	189	152	1	75.0-125	V	V	2.44	20
Manganese	50.0	1590	1680	1700	192	229	1	75.0-125	V	V	1.08	20

1

Cp

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Tc

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Ss

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Cn

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Sr

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Qc

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Gl

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Al

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Sc

Method Blank (MB)

(MB) R4076268-2 06/02/24 08:52

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

L1740166-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1740166-01 06/02/24 09:43 • (DUP) R4076268-3 06/02/24 10:13

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

L1740297-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1740297-03 06/02/24 10:20 • (DUP) R4076268-4 06/02/24 11:48

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP RPD Limits %
Methane	425	425	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) R4076268-1 06/02/24 08:49 • (LCSD) R4076268-5 06/02/24 11:57

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	74.8	76.1	110	112	85.0-115			1.72	20
Ethane	129	114	113	88.4	87.6	85.0-115			0.881	20
Ethene	127	113	114	89.0	89.8	85.0-115			0.881	20

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Method Blank (MB)

(MB) R4076307-2 06/02/24 14:10

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

L1740031-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1740031-01 06/02/24 14:14 • (DUP) R4076307-3 06/02/24 15:09

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

L1740141-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1740141-05 06/02/24 15:35 • (DUP) R4076307-4 06/02/24 15:59

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) R4076307-1 06/02/24 14:08 • (LCSD) R4076307-5 06/02/24 16:02

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	76.2	77.9	112	115	85.0-115			2.21	20
Ethane	129	113	110	87.6	85.3	85.0-115			2.69	20
Ethene	127	114	111	89.8	87.4	85.0-115			2.67	20

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Method Blank (MB)

(MB) R4076271-2 06/02/24 12:25

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

L1740185-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1740185-01 06/02/24 12:28 • (DUP) R4076271-3 06/02/24 13:06

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	7280	6830	10	6.38		20

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

(LCS) R4076271-1 06/02/24 12:22 • (LCSD) R4076271-4 06/02/24 13:10

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	75.5	64.5	111	95.1	85.0-115			15.7	20

1Cp

2Tc

3Ss

4Cn

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6Qc

7Gl

8Al

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Method Blank (MB)

(MB) R4076316-2 06/02/24 16:45

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

L1740141-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1740141-03 06/02/24 16:48 • (DUP) R4076316-3 06/02/24 17:44

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	8780	8650	10	1.49		20

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

(LCS) R4076316-1 06/02/24 16:42 • (LCSD) R4076316-4 06/02/24 18:07

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	68.1	62.4	100	92.0	85.0-115			8.74	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4077668-3 06/01/24 00:47

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
Bromochloromethane	U		0.0452	0.200
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 disulfide	U		0.162	0.500
Carbon tetrachloride	U		0.0432	0.200
Chlorobenzene	0.0380	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	0.200
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

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Method Blank (MB)

(MB) R4077668-3 06/01/24 00:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.0212	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
2-Hexanone	U		0.400	1.00
n-Hexane	U		0.0424	0.200
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl acetate	U		0.141	0.500
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	105			75.0-131
(S) 4-Bromofluorobenzene	98.3			67.0-138
(S) 1,2-Dichloroethane-d4	101			70.0-130

¹Cp

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

(LCS) R4077668-1 05/31/24 23:31 • (LCSD) R4077668-2 05/31/24 23:50

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	35.9	32.4	144	130	10.0-160			10.2	31
Acrylonitrile	25.0	34.1	31.3	136	125	45.0-153			8.56	22
Benzene	5.00	4.91	4.53	98.2	90.6	70.0-123			8.05	20
Bromobenzene	5.00	5.37	5.35	107	107	73.0-121			0.373	20
Bromochloromethane	5.00	5.61	5.13	112	103	77.0-128			8.94	20
Bromodichloromethane	5.00	4.81	4.47	96.2	89.4	73.0-121			7.33	20
Bromoform	5.00	5.01	4.92	100	98.4	64.0-132			1.81	20
Bromomethane	5.00	4.12	3.98	82.4	79.6	56.0-147			3.46	20
n-Butylbenzene	5.00	4.34	4.05	86.8	81.0	68.0-135			6.91	20
sec-Butylbenzene	5.00	4.90	4.58	98.0	91.6	74.0-130			6.75	20
tert-Butylbenzene	5.00	5.13	4.94	103	98.8	75.0-127			3.77	20
Carbon disulfide	5.00	4.81	4.26	96.2	85.2	56.0-133			12.1	20
Carbon tetrachloride	5.00	5.82	5.10	116	102	66.0-128			13.2	20
Chlorobenzene	5.00	5.51	4.91	110	98.2	76.0-128			11.5	20
Chlorodibromomethane	5.00	5.02	4.89	100	97.8	74.0-127			2.62	20
Chloroethane	5.00	4.73	4.14	94.6	82.8	61.0-134			13.3	20
Chloroform	5.00	5.01	4.68	100	93.6	72.0-123			6.81	20
Chloromethane	5.00	5.55	5.11	111	102	51.0-138			8.26	20
2-Chlorotoluene	5.00	5.33	4.89	107	97.8	75.0-124			8.61	20
4-Chlorotoluene	5.00	5.11	4.74	102	94.8	75.0-124			7.51	20
1,2-Dibromo-3-Chloropropane	5.00	3.80	3.39	76.0	67.8	59.0-130			11.4	20
1,2-Dibromoethane	5.00	4.97	4.65	99.4	93.0	74.0-128			6.65	20
Dibromomethane	5.00	5.34	5.09	107	102	75.0-122			4.79	20
1,2-Dichlorobenzene	5.00	5.04	4.41	101	88.2	76.0-124			13.3	20
1,3-Dichlorobenzene	5.00	5.22	4.77	104	95.4	76.0-125			9.01	20
1,4-Dichlorobenzene	5.00	5.27	4.91	105	98.2	77.0-121			7.07	20
trans-1,4-Dichloro-2-butene	5.00	4.24	3.99	84.8	79.8	45.0-143			6.08	20
Dichlorodifluoromethane	5.00	4.72	3.95	94.4	79.0	43.0-156			17.8	20
1,1-Dichloroethane	5.00	5.17	4.90	103	98.0	70.0-127			5.36	20
1,2-Dichloroethane	5.00	5.78	5.41	116	108	65.0-131			6.61	20
1,1-Dichloroethene	5.00	5.64	4.99	113	99.8	65.0-131			12.2	20
cis-1,2-Dichloroethene	5.00	4.74	4.39	94.8	87.8	73.0-125			7.67	20
trans-1,2-Dichloroethene	5.00	5.36	4.92	107	98.4	71.0-125			8.56	20
1,2-Dichloropropane	5.00	5.46	5.06	109	101	74.0-125			7.60	20
1,1-Dichloropropene	5.00	5.22	4.69	104	93.8	73.0-125			10.7	20
1,3-Dichloropropane	5.00	5.25	4.89	105	97.8	80.0-125			7.10	20
cis-1,3-Dichloropropene	5.00	4.85	4.66	97.0	93.2	76.0-127			4.00	20
trans-1,3-Dichloropropene	5.00	4.83	4.41	96.6	88.2	73.0-127			9.09	20
2,2-Dichloropropane	5.00	4.45	4.02	89.0	80.4	59.0-135			10.2	20
Di-isopropyl ether	5.00	6.12	5.66	122	113	60.0-136			7.81	20

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

(LCS) R4077668-1 05/31/24 23:31 • (LCSD) R4077668-2 05/31/24 23:50

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 %
Ethylbenzene	5.00	5.18	4.86	104	97.2	74.0-126			6.37	20
Hexachloro-1,3-butadiene	5.00	3.98	3.81	79.6	76.2	57.0-150			4.36	20
2-Hexanone	25.0	30.7	28.8	123	115	54.0-147			6.39	20
n-Hexane	5.00	6.81	5.64	136	113	55.0-137			18.8	20
Iodomethane	25.0	26.9	25.1	108	100	74.0-134			6.92	20
Isopropylbenzene	5.00	5.14	4.63	103	92.6	72.0-127			10.4	20
p-Isopropyltoluene	5.00	4.64	4.36	92.8	87.2	72.0-133			6.22	20
2-Butanone (MEK)	25.0	36.5	35.8	146	143	30.0-160			1.94	24
Methylene Chloride	5.00	4.79	4.47	95.8	89.4	68.0-123			6.91	20
4-Methyl-2-pentanone (MIBK)	25.0	33.6	31.2	134	125	56.0-143			7.41	20
Methyl tert-butyl ether	5.00	4.66	4.38	93.2	87.6	66.0-132			6.19	20
Naphthalene	5.00	2.65	2.58	53.0	51.6	59.0-130	J4	J4	2.68	20
n-Propylbenzene	5.00	4.92	4.70	98.4	94.0	74.0-126			4.57	20
Styrene	5.00	5.03	4.61	101	92.2	72.0-127			8.71	20
1,1,1,2-Tetrachloroethane	5.00	5.29	5.09	106	102	74.0-129			3.85	20
1,1,2,2-Tetrachloroethane	5.00	4.81	4.47	96.2	89.4	68.0-128			7.33	20
1,1,2-Trichlorotrifluoroethane	5.00	5.76	4.87	115	97.4	61.0-139			16.7	20
Tetrachloroethene	5.00	6.82	6.04	136	121	70.0-136			12.1	20
Toluene	5.00	5.59	5.12	112	102	75.0-121			8.78	20
1,2,3-Trichlorobenzene	5.00	2.60	2.32	52.0	46.4	59.0-139	J4	J4	11.4	20
1,2,4-Trichlorobenzene	5.00	3.02	3.15	60.4	63.0	62.0-137	J4		4.21	20
1,1,1-Trichloroethane	5.00	5.36	4.89	107	97.8	69.0-126			9.17	20
1,1,2-Trichloroethane	5.00	5.60	5.06	112	101	78.0-123			10.1	20
Trichloroethene	5.00	6.03	5.46	121	109	76.0-126			9.92	20
Trichlorofluoromethane	5.00	5.24	4.60	105	92.0	61.0-142	J	J	13.0	20
1,2,3-Trichloropropane	5.00	5.38	4.73	108	94.6	67.0-129			12.9	20
1,2,4-Trimethylbenzene	5.00	4.74	4.47	94.8	89.4	70.0-126			5.86	20
1,2,3-Trimethylbenzene	5.00	4.31	4.17	86.2	83.4	74.0-124			3.30	20
1,3,5-Trimethylbenzene	5.00	4.91	4.54	98.2	90.8	73.0-127			7.83	20
Vinyl acetate	25.0	24.1	23.9	96.4	95.6	43.0-159			0.833	20
Vinyl chloride	5.00	4.72	4.17	94.4	83.4	63.0-134			12.4	20
Xylenes, Total	15.0	16.5	15.1	110	101	72.0-127			8.86	20
(S) Toluene-d8				102	101	75.0-131				
(S) 4-Bromofluorobenzene				95.9	97.5	67.0-138				
(S) 1,2-Dichloroethane-d4				99.6	98.4	70.0-130				

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8Al

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Method Blank (MB)

(MB) R4076930-2 06/02/24 20:31

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
Bromochloromethane	U		0.0452	0.200
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 disulfide	U		0.162	0.500
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	0.200
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

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Method Blank (MB)

(MB) R4076930-2 06/02/24 20:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.0212	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
2-Hexanone	U		0.400	1.00
n-Hexane	U		0.0424	0.200
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl acetate	U		0.141	0.500
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	98.4			75.0-131
(S) 4-Bromofluorobenzene	103			67.0-138
(S) 1,2-Dichloroethane-d4	103			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4076930-1 06/02/24 19:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Acetone	25.0	31.5	126	10.0-160	
Acrylonitrile	25.0	32.4	130	45.0-153	
Benzene	5.00	4.90	98.0	70.0-123	
Bromobenzene	5.00	4.65	93.0	73.0-121	
Bromochloromethane	5.00	5.16	103	77.0-128	
Bromodichloromethane	5.00	4.96	99.2	73.0-121	
Bromoform	5.00	4.22	84.4	64.0-132	
Bromomethane	5.00	3.62	72.4	56.0-147	
n-Butylbenzene	5.00	5.56	111	68.0-135	
sec-Butylbenzene	5.00	5.62	112	74.0-130	
tert-Butylbenzene	5.00	6.19	124	75.0-127	
Carbon disulfide	5.00	5.16	103	56.0-133	
Carbon tetrachloride	5.00	5.22	104	66.0-128	
Chlorobenzene	5.00	4.71	94.2	76.0-128	
Chlorodibromomethane	5.00	4.51	90.2	74.0-127	
Chloroethane	5.00	4.04	80.8	61.0-134	
Chloroform	5.00	5.00	100	72.0-123	
Chloromethane	5.00	4.94	98.8	51.0-138	
2-Chlorotoluene	5.00	4.74	94.8	75.0-124	
4-Chlorotoluene	5.00	5.19	104	75.0-124	
1,2-Dibromo-3-Chloropropane	5.00	5.19	104	59.0-130	
1,2-Dibromoethane	5.00	4.82	96.4	74.0-128	
Dibromomethane	5.00	4.85	97.0	75.0-122	
1,2-Dichlorobenzene	5.00	5.11	102	76.0-124	
1,3-Dichlorobenzene	5.00	5.03	101	76.0-125	
1,4-Dichlorobenzene	5.00	4.82	96.4	77.0-121	
trans-1,4-Dichloro-2-butene	5.00	4.80	96.0	45.0-143	
Dichlorodifluoromethane	5.00	6.78	136	43.0-156	
1,1-Dichloroethane	5.00	5.24	105	70.0-127	
1,2-Dichloroethane	5.00	5.51	110	65.0-131	
1,1-Dichloroethene	5.00	6.07	121	65.0-131	
cis-1,2-Dichloroethene	5.00	4.67	93.4	73.0-125	
trans-1,2-Dichloroethene	5.00	4.82	96.4	71.0-125	
1,2-Dichloropropane	5.00	5.43	109	74.0-125	
1,1-Dichloropropene	5.00	5.54	111	73.0-125	
1,3-Dichloropropane	5.00	4.79	95.8	80.0-125	
cis-1,3-Dichloropropene	5.00	5.49	110	76.0-127	
trans-1,3-Dichloropropene	5.00	5.00	100	73.0-127	
2,2-Dichloropropane	5.00	5.59	112	59.0-135	
Di-isopropyl ether	5.00	6.20	124	60.0-136	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4076930-1 06/02/24 19:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Ethylbenzene	5.00	4.60	92.0	74.0-126	
Hexachloro-1,3-butadiene	5.00	6.44	129	57.0-150	
2-Hexanone	25.0	29.4	118	54.0-147	
n-Hexane	5.00	5.73	115	55.0-137	
Iodomethane	25.0	23.4	93.6	74.0-134	
Isopropylbenzene	5.00	5.28	106	72.0-127	
p-Isopropyltoluene	5.00	5.59	112	72.0-133	
2-Butanone (MEK)	25.0	36.8	147	30.0-160	
Methylene Chloride	5.00	5.24	105	68.0-123	
4-Methyl-2-pentanone (MIBK)	25.0	30.9	124	56.0-143	
Methyl tert-butyl ether	5.00	5.52	110	66.0-132	
Naphthalene	5.00	4.76	95.2	59.0-130	
n-Propylbenzene	5.00	5.16	103	74.0-126	
Styrene	5.00	5.04	101	72.0-127	
1,1,1,2-Tetrachloroethane	5.00	4.67	93.4	74.0-129	
1,1,2,2-Tetrachloroethane	5.00	5.32	106	68.0-128	
1,1,2-Trichlorotrifluoroethane	5.00	6.02	120	61.0-139	
Tetrachloroethene	5.00	4.78	95.6	70.0-136	
Toluene	5.00	4.54	90.8	75.0-121	
1,2,3-Trichlorobenzene	5.00	6.42	128	59.0-139	
1,2,4-Trichlorobenzene	5.00	5.30	106	62.0-137	
1,1,1-Trichloroethane	5.00	5.56	111	69.0-126	
1,1,2-Trichloroethane	5.00	4.70	94.0	78.0-123	
Trichloroethene	5.00	4.99	99.8	76.0-126	
Trichlorofluoromethane	5.00	4.56	91.2	61.0-142	U
1,2,3-Trichloropropane	5.00	4.53	90.6	67.0-129	
1,2,4-Trimethylbenzene	5.00	5.64	113	70.0-126	
1,2,3-Trimethylbenzene	5.00	5.39	108	74.0-124	
1,3,5-Trimethylbenzene	5.00	5.44	109	73.0-127	
Vinyl acetate	25.0	33.0	132	43.0-159	
Vinyl chloride	5.00	4.84	96.8	63.0-134	
Xylenes, Total	15.0	14.5	96.7	72.0-127	
(S) Toluene-d8			97.8	75.0-131	
(S) 4-Bromofluorobenzene			102	67.0-138	
(S) 1,2-Dichloroethane-d4			106	70.0-130	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

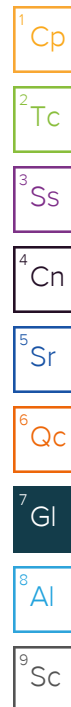
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
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.
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.



ACCREDITATIONS & LOCATIONS

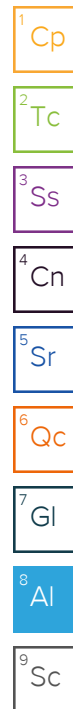
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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
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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	LA000356
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		

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

* 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 Analytical.



Company Name/Address: PES Environmental, Inc.- WA		Billing Information: Attn: Accounts Payable 2101 4th Avenue, Suite 1310 Seattle, WA 98121		Pres Chk 12		Analysis / Container / Preservative										Chain of Custody Page 1 of 3											
2101 Fourth Ave., Suite 1310 Seattle, WA 98121		Email To: Sam.graber@nvs.com Jessica.babb@nvs.com Natalie.wisdom@nvs.com		FEG, MNG 6020 250mlHDPE-HNO3 RSK175LL 40mlAmb-HCl SULFATE 9056 125mlHDPE-NoPres TOC 9060 250mlAmb-HCl V8260ULL 40mlAmb-HCl												 MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 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											
Report to: Daniel Balbiani (ALP Q2)		Project Description: American Linen Q2 2024														City/State Collected: Seattle, WA		Please Circle: PT MT CT ET		SDG # 1740435		Table # G121		Acctnum: PESENVSWA		Template: T252149	
Phone: 206-529-3980		Client Project # 443022-1413001.10.701.02														Lab Project # PESENVSWA-ALP		P.O. #		Quote #		Prelogin: P1073078		PM: 546 - Jared Starkey		PB:	
Collected by (print): Devlin Del Giudice		Site/Facility ID #														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		No. of Cntrs		Shipped Via:		Remarks		Sample # (lab only)	
Collected by (signature): 		Immediately Packed on Ice ☐ N ☒ Y																									
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	Cntrs																				
MW-182-052324		G	GW	—	5/23/24	1006	8																				
MW-184-052324			GW	—		1104	8																				
MW-183-052324			GW	—		1201	8																				
MW-181-052324			GW	—		1242	8																				
MW-179-052324			GW	—		1418	8																				
MW-324-052324			GW	—		1037	3																				
MW-190-052324			GW	—		0956	3																				
MW-189-052324			GW	—		0923	3																				
MW-341-052324			GW	—		1113	3																				
MW-328-052324			GW	—		1138	3																				
* 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 # 7411 4519 3122																									
Relinquished by: (Signature) 		Date: 5/23/24	Time: 1528	Received by: (Signature)		Trip Blank Received: ☒ Yes ☐ No		PH-10BDHS021 TR: 235218 CR6-20221V HCE/MeOH TBR																			
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: °C Bottles Received: 84		If preservation required by Login: Date/Time																			
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature) 		Date: 05/24/2024 Time: 1030		Hold: Condition: ☒ NCF ☐ OK																			

PES Environmental, Inc.- WA

2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:

Attn: Accounts Payable
2101 4th Avenue, Suite 1310
Seattle, WA 98121

Pres
Chk

Report to:
Daniel Balbiani (ALP Q2)

Email To: Sam.graber@nvs.com
jessica.babb@nvs.com:natalie.wisdom@nvs.co

Project Description:
American Linen Q2 2024

City/State
Collected: Seattle, WA

Please Circle:
PT MT CT ET

Phone: 206-529-3980

Client Project #
443022-1413001.10

Lab Project #
PESENVSWA-ALP

Collected by (print):
Devlin Del Giudice

Site/Facility ID #

P.O. #
443022-1413001.10.701

Collected by (signature):

Rush? (Lab MUST Be Notified)

Quote #

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Date Results Needed

No.
of
Cntrs

Immediately
Packed on Ice N ☐ Y ☒

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

No.
of
Cntrs

MW-116-052324

G

GW

—

5/23/24 1411

3

GEI-MW1-052324

GW

—

1212

3

MW-182-052324

GW

—

1006

8

MW-177-052324

GW

—

1406

8

MW-184-052324

GW

—

1104

8

FMW-131-052324

GW

—

916

3

GEI-2-052324

GW

—

1012

3

FMW-129-052324

GW

—

1200

3

MW-128-052324

GW

—

1321

3

MW-329-052324

GW

—

1355

3

* Matrix:

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

Remarks:

Samples returned via:

UPS FedEx Courier

Tracking # 7411 4519 3122

pH Temp

Flow Other

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

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

Hold:

Condition:

NCF OK

EDAG 3.223.3 84

05/24/2024 1030

Ashley Bostell

Chain of Custody Page 2 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
https://info.pacelabs.com/hubs/pas-standard-terms.pdf

SDG # L740435

Table #

Acctnum: PESENVSWA

Template: T252143

Prelogin: P1073076

PM: 546 - Jared Starkey

PB: LM 5/4/24

Shipped Via:

Remarks

Sample # (lab only)

-11

-12

-13

-14

-15

-16

-17

-18

June 27, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

PES Environmental, Inc.- WA

Sample Delivery Group: L1740722
Samples Received: 05/25/2024
Project Number: 443022-1413001.10
Description: American Linen Q2 2024

Report To: Daniel Balbiani
2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Entire Report Reviewed By:



Shane Gambill
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 mydata.pacelabs.com

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

SAMPLE SUMMARY

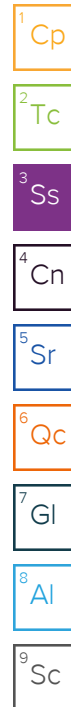
MW-335-052424 L1740722-01 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 13:48

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 06:09	06/03/24 06:09	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2300672	10	06/09/24 12:32	06/09/24 12:32	DWR	Mt. Juliet, TN



MW-326R-052424 L1740722-02 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 13:09

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 06:28	06/03/24 06:28	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2300672	1	06/09/24 12:12	06/09/24 12:12	DWR	Mt. Juliet, TN

MW-325-052424 L1740722-03 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 14:31

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 06:47	06/03/24 06:47	ADM	Mt. Juliet, TN

MW-326-052424 L1740722-04 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 11:27

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 07:06	06/03/24 07:06	ADM	Mt. Juliet, TN

MW119-052424 L1740722-05 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 10:49

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 07:25	06/03/24 07:25	ADM	Mt. Juliet, TN

MW-351-052424 L1740722-06 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 10:19

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 07:44	06/03/24 07:44	ADM	Mt. Juliet, TN

MW-143-052424 L1740722-07 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 09:35

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2309140	1	06/21/24 05:43	06/21/24 05:43	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305121	1	06/15/24 01:45	06/15/24 01:45	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 18:29	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	10	06/06/24 04:18	06/26/24 22:07	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296810	1	06/02/24 14:51	06/02/24 14:51	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297153	10	06/02/24 17:17	06/02/24 17:17	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 08:03	06/03/24 08:03	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2299617	10	06/07/24 13:35	06/07/24 13:35	JBE	Mt. Juliet, TN

SAMPLE SUMMARY

MW-176-052424 L1740722-08 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 14:30

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2309140	1	06/21/24 05:59	06/21/24 05:59	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305121	1	06/15/24 02:08	06/15/24 02:08	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 18:32	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	5	06/06/24 04:18	06/26/24 22:10	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296810	1	06/02/24 15:01	06/02/24 15:01	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297153	10	06/02/24 17:24	06/02/24 17:24	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 08:22	06/03/24 08:22	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2299617	1	06/07/24 10:38	06/07/24 10:38	JBE	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

MW-180-052424 L1740722-09 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 09:14

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2309140	1	06/21/24 06:15	06/21/24 06:15	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305121	1	06/15/24 02:31	06/15/24 02:31	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 18:35	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	10	06/06/24 04:18	06/26/24 22:14	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296810	1	06/02/24 15:12	06/02/24 15:12	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297153	10	06/02/24 17:30	06/02/24 17:30	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 08:41	06/03/24 08:41	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2299617	100	06/07/24 13:55	06/07/24 13:55	JBE	Mt. Juliet, TN

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

MW-186-052424 L1740722-10 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 13:08

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2309140	1	06/21/24 06:31	06/21/24 06:31	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305121	1	06/15/24 02:53	06/15/24 02:53	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 18:38	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	5	06/06/24 04:18	06/26/24 22:17	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296810	1	06/02/24 15:18	06/02/24 15:18	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297153	10	06/02/24 17:39	06/02/24 17:39	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 09:00	06/03/24 09:00	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2299617	1	06/07/24 10:57	06/07/24 10:57	JBE	Mt. Juliet, TN

MW-188-052424 L1740722-11 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 11:55

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2305180	1	06/20/24 00:12	06/20/24 00:12	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305121	1	06/15/24 03:23	06/15/24 03:23	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 18:42	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	5	06/06/24 04:18	06/26/24 22:20	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296810	1	06/02/24 15:24	06/02/24 15:24	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 09:19	06/03/24 09:19	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2299617	1	06/07/24 11:17	06/07/24 11:17	JBE	Mt. Juliet, TN

SAMPLE SUMMARY

MW-185-052424 L1740722-12 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 11:06

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2309140	1	06/21/24 07:19	06/21/24 07:19	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305123	1	06/14/24 17:39	06/14/24 17:39	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 18:46	LD	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	10	06/06/24 04:18	06/26/24 22:24	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296810	1	06/02/24 15:33	06/02/24 15:33	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297153	10	06/02/24 17:50	06/02/24 17:50	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 09:38	06/03/24 09:38	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2299617	1	06/07/24 11:37	06/07/24 11:37	JBE	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

MW-187-052424 L1740722-13 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 10:19

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2309140	1	06/21/24 07:35	06/21/24 07:35	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305123	1	06/14/24 18:21	06/14/24 18:21	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 18:50	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296810	1	06/02/24 15:41	06/02/24 15:41	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297153	10	06/02/24 17:55	06/02/24 17:55	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 09:58	06/03/24 09:58	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2299617	1	06/07/24 11:57	06/07/24 11:57	JBE	Mt. Juliet, TN

⁶Qc

⁷Gl

⁸Al

⁹Sc

TB-052424 L1740722-14 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 00:00

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 05:12	06/03/24 05:12	ADM	Mt. Juliet, TN

EQ-052424 L1740722-15 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 14:47

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2305180	1	06/20/24 01:20	06/20/24 01:20	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305123	1	06/14/24 19:22	06/14/24 19:22	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 18:53	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296810	1	06/02/24 15:47	06/02/24 15:47	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297215	1	06/03/24 10:16	06/03/24 10:16	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2299617	1	06/07/24 12:16	06/07/24 12:16	JBE	Mt. Juliet, TN

CASE NARRATIVE

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.



Shane Gambill
Project Manager



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	06/03/2024 06:09	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 06:09	WG2297215
Benzene	0.0990		0.0160	0.0400	1	06/03/2024 06:09	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 06:09	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 06:09	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 06:09	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 06:09	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 06:09	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 06:09	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 06:09	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 06:09	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 06:09	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 06:09	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 06:09	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 06:09	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 06:09	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 06:09	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 06:09	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 06:09	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 06:09	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 06:09	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 06:09	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 06:09	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 06:09	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 06:09	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 06:09	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 06:09	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 06:09	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 06:09	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 06:09	WG2297215
1,1-Dichloroethene	0.571		0.0200	0.100	1	06/03/2024 06:09	WG2297215
cis-1,2-Dichloroethene	110	T8	0.276	1.00	10	06/09/2024 12:32	WG2300672
trans-1,2-Dichloroethene	0.779		0.0572	0.200	1	06/03/2024 06:09	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 06:09	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 06:09	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 06:09	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 06:09	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 06:09	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 06:09	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 06:09	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 06:09	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 06:09	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 06:09	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 06:09	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 06:09	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 06:09	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 06:09	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 06:09	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 06:09	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 06:09	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 06:09	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 06:09	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 06:09	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 06:09	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 06:09	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 06:09	WG2297215

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 06:09	WG2297215
Tetrachloroethene	90.6	T8	0.280	1.00	10	06/09/2024 12:32	WG2300672
Toluene	U		0.0500	0.200	1	06/03/2024 06:09	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 06:09	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 06:09	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 06:09	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 06:09	WG2297215
Trichloroethene	102	T8	0.160	0.400	10	06/09/2024 12:32	WG2300672
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 06:09	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 06:09	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 06:09	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 06:09	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 06:09	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 06:09	WG2297215
Vinyl chloride	0.112		0.0273	0.100	1	06/03/2024 06:09	WG2297215
Xylenes, Total	U		0.191	0.260	1	06/03/2024 06:09	WG2297215
(S) Toluene-d8	99.9			75.0-131		06/03/2024 06:09	WG2297215
(S) Toluene-d8	107			75.0-131		06/09/2024 12:32	WG2300672
(S) 4-Bromofluorobenzene	104			67.0-138		06/03/2024 06:09	WG2297215
(S) 4-Bromofluorobenzene	101			67.0-138		06/09/2024 12:32	WG2300672
(S) 1,2-Dichloroethane-d4	107			70.0-130		06/03/2024 06:09	WG2297215
(S) 1,2-Dichloroethane-d4	90.6			70.0-130		06/09/2024 12:32	WG2300672

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

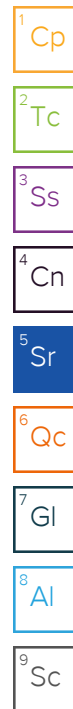
7Gl

8Al

9Sc

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	06/03/2024 06:28	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 06:28	WG2297215
Benzene	0.0440		0.0160	0.0400	1	06/03/2024 06:28	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 06:28	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 06:28	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 06:28	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 06:28	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 06:28	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 06:28	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 06:28	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 06:28	WG2297215
Carbon disulfide	0.180	J	0.162	0.500	1	06/03/2024 06:28	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 06:28	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 06:28	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 06:28	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 06:28	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 06:28	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 06:28	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 06:28	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 06:28	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 06:28	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 06:28	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 06:28	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 06:28	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 06:28	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 06:28	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 06:28	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 06:28	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 06:28	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 06:28	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 06:28	WG2297215
cis-1,2-Dichloroethene	0.0890	J T8	0.0276	0.100	1	06/09/2024 12:12	WG2300672
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 06:28	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 06:28	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 06:28	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 06:28	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 06:28	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 06:28	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 06:28	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 06:28	WG2297215
Ethylbenzene	0.294		0.0212	0.100	1	06/03/2024 06:28	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 06:28	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 06:28	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 06:28	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 06:28	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 06:28	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 06:28	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 06:28	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 06:28	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 06:28	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 06:28	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 06:28	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 06:28	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 06:28	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 06:28	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 06:28	WG2297215



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 06:28	WG2297215
Tetrachloroethene	U	T8	0.0280	0.100	1	06/09/2024 12:12	WG2300672
Toluene	0.150	J	0.0500	0.200	1	06/03/2024 06:28	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 06:28	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 06:28	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 06:28	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 06:28	WG2297215
Trichloroethene	U	T8	0.0160	0.0400	1	06/09/2024 12:12	WG2300672
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 06:28	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 06:28	WG2297215
1,2,4-Trimethylbenzene	0.0660	B J	0.0464	0.200	1	06/03/2024 06:28	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 06:28	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 06:28	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 06:28	WG2297215
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 06:28	WG2297215
Xylenes, Total	1.44		0.191	0.260	1	06/03/2024 06:28	WG2297215
(S) Toluene-d8	99.2			75.0-131		06/03/2024 06:28	WG2297215
(S) Toluene-d8	105			75.0-131		06/09/2024 12:12	WG2300672
(S) 4-Bromofluorobenzene	103			67.0-138		06/03/2024 06:28	WG2297215
(S) 4-Bromofluorobenzene	101			67.0-138		06/09/2024 12:12	WG2300672
(S) 1,2-Dichloroethane-d4	97.9			70.0-130		06/03/2024 06:28	WG2297215
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/09/2024 12:12	WG2300672

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/03/2024 06:47	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 06:47	WG2297215
Benzene	U		0.0160	0.0400	1	06/03/2024 06:47	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 06:47	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 06:47	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 06:47	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 06:47	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 06:47	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 06:47	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 06:47	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 06:47	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 06:47	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 06:47	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 06:47	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 06:47	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 06:47	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 06:47	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 06:47	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 06:47	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 06:47	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 06:47	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 06:47	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 06:47	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 06:47	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 06:47	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 06:47	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 06:47	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 06:47	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 06:47	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 06:47	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 06:47	WG2297215
cis-1,2-Dichloroethene	1.26		0.0276	0.100	1	06/03/2024 06:47	WG2297215
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 06:47	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 06:47	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 06:47	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 06:47	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 06:47	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 06:47	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 06:47	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 06:47	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 06:47	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 06:47	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 06:47	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 06:47	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 06:47	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 06:47	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 06:47	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 06:47	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 06:47	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 06:47	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 06:47	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 06:47	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 06:47	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 06:47	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 06:47	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 06:47	WG2297215

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 06:47	WG2297215
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 06:47	WG2297215
Toluene	U		0.0500	0.200	1	06/03/2024 06:47	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 06:47	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 06:47	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 06:47	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 06:47	WG2297215
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 06:47	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 06:47	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 06:47	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 06:47	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 06:47	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 06:47	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 06:47	WG2297215
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 06:47	WG2297215
Xylenes, Total	U		0.191	0.260	1	06/03/2024 06:47	WG2297215
(S) Toluene-d8	101			75.0-131		06/03/2024 06:47	WG2297215
(S) 4-Bromofluorobenzene	103			67.0-138		06/03/2024 06:47	WG2297215
(S) 1,2-Dichloroethane-d4	97.1			70.0-130		06/03/2024 06:47	WG2297215

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/03/2024 07:06	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 07:06	WG2297215
Benzene	U		0.0160	0.0400	1	06/03/2024 07:06	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 07:06	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 07:06	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 07:06	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 07:06	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 07:06	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 07:06	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 07:06	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 07:06	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 07:06	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 07:06	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 07:06	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 07:06	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 07:06	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 07:06	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 07:06	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 07:06	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 07:06	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 07:06	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 07:06	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 07:06	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 07:06	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 07:06	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 07:06	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 07:06	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 07:06	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 07:06	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 07:06	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 07:06	WG2297215
cis-1,2-Dichloroethene	5.64		0.0276	0.100	1	06/03/2024 07:06	WG2297215
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 07:06	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 07:06	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 07:06	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 07:06	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 07:06	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 07:06	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 07:06	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 07:06	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 07:06	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 07:06	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 07:06	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 07:06	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 07:06	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 07:06	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 07:06	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 07:06	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 07:06	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 07:06	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 07:06	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 07:06	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 07:06	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 07:06	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 07:06	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 07:06	WG2297215

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 07:06	WG2297215
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 07:06	WG2297215
Toluene	U		0.0500	0.200	1	06/03/2024 07:06	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 07:06	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 07:06	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 07:06	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 07:06	WG2297215
Trichloroethene	0.684		0.0160	0.0400	1	06/03/2024 07:06	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 07:06	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 07:06	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 07:06	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 07:06	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 07:06	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 07:06	WG2297215
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 07:06	WG2297215
Xylenes, Total	U		0.191	0.260	1	06/03/2024 07:06	WG2297215
(S) Toluene-d8	101			75.0-131		06/03/2024 07:06	WG2297215
(S) 4-Bromofluorobenzene	103			67.0-138		06/03/2024 07:06	WG2297215
(S) 1,2-Dichloroethane-d4	97.2			70.0-130		06/03/2024 07:06	WG2297215

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/03/2024 07:25	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 07:25	WG2297215
Benzene	0.0240	J	0.0160	0.0400	1	06/03/2024 07:25	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 07:25	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 07:25	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 07:25	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 07:25	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 07:25	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 07:25	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 07:25	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 07:25	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 07:25	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 07:25	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 07:25	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 07:25	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 07:25	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 07:25	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 07:25	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 07:25	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 07:25	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 07:25	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 07:25	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 07:25	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 07:25	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 07:25	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 07:25	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 07:25	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 07:25	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 07:25	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 07:25	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 07:25	WG2297215
cis-1,2-Dichloroethene	3.36		0.0276	0.100	1	06/03/2024 07:25	WG2297215
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 07:25	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 07:25	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 07:25	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 07:25	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 07:25	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 07:25	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 07:25	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 07:25	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 07:25	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 07:25	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 07:25	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 07:25	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 07:25	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 07:25	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 07:25	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 07:25	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 07:25	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 07:25	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 07:25	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 07:25	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 07:25	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 07:25	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 07:25	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 07:25	WG2297215

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 07:25	WG2297215
Tetrachloroethene	0.123		0.0280	0.100	1	06/03/2024 07:25	WG2297215
Toluene	U		0.0500	0.200	1	06/03/2024 07:25	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 07:25	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 07:25	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 07:25	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 07:25	WG2297215
Trichloroethene	0.427		0.0160	0.0400	1	06/03/2024 07:25	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 07:25	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 07:25	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 07:25	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 07:25	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 07:25	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 07:25	WG2297215
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 07:25	WG2297215
Xylenes, Total	U		0.191	0.260	1	06/03/2024 07:25	WG2297215
(S) Toluene-d8	99.9			75.0-131		06/03/2024 07:25	WG2297215
(S) 4-Bromofluorobenzene	104			67.0-138		06/03/2024 07:25	WG2297215
(S) 1,2-Dichloroethane-d4	97.4			70.0-130		06/03/2024 07:25	WG2297215

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/03/2024 07:44	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 07:44	WG2297215
Benzene	U		0.0160	0.0400	1	06/03/2024 07:44	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 07:44	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 07:44	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 07:44	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 07:44	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 07:44	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 07:44	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 07:44	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 07:44	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 07:44	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 07:44	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 07:44	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 07:44	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 07:44	WG2297215
Chloroform	0.0780	J	0.0166	0.100	1	06/03/2024 07:44	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 07:44	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 07:44	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 07:44	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 07:44	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 07:44	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 07:44	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 07:44	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 07:44	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 07:44	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 07:44	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 07:44	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 07:44	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 07:44	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 07:44	WG2297215
cis-1,2-Dichloroethene	11.0		0.0276	0.100	1	06/03/2024 07:44	WG2297215
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 07:44	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 07:44	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 07:44	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 07:44	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 07:44	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 07:44	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 07:44	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 07:44	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 07:44	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 07:44	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 07:44	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 07:44	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 07:44	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 07:44	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 07:44	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 07:44	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 07:44	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 07:44	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 07:44	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 07:44	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 07:44	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 07:44	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 07:44	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 07:44	WG2297215

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 07:44	WG2297215
Tetrachloroethene	0.0760	J	0.0280	0.100	1	06/03/2024 07:44	WG2297215
Toluene	U		0.0500	0.200	1	06/03/2024 07:44	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 07:44	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 07:44	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 07:44	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 07:44	WG2297215
Trichloroethene	0.797		0.0160	0.0400	1	06/03/2024 07:44	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 07:44	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 07:44	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 07:44	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 07:44	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 07:44	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 07:44	WG2297215
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 07:44	WG2297215
Xylenes, Total	U		0.191	0.260	1	06/03/2024 07:44	WG2297215
(S) Toluene-d8	99.9			75.0-131		06/03/2024 07:44	WG2297215
(S) 4-Bromofluorobenzene	104			67.0-138		06/03/2024 07:44	WG2297215
(S) 1,2-Dichloroethane-d4	98.1			70.0-130		06/03/2024 07:44	WG2297215

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	1150	J	594	5000	1	06/21/2024 05:43	WG2309140

1
Cp

2
Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	42100		102	1000	1	06/15/2024 01:45	WG2305121

3
Ss

4
Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	32800		281	1000	10	06/26/2024 22:07	WG2298963
Manganese	8980		0.704	5.00	1	06/26/2024 18:29	WG2298963

5
Sr

6
Qc

7
Gl

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	8180		2.87	6.78	10	06/02/2024 17:17	WG2297153
Ethane	194		0.296	1.29	1	06/02/2024 14:51	WG2296810
Ethene	251		0.422	1.27	1	06/02/2024 14:51	WG2296810

8
Al

9
Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	5.58		0.548	1.00	1	06/03/2024 08:03	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 08:03	WG2297215
Benzene	0.0770		0.0160	0.0400	1	06/03/2024 08:03	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 08:03	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 08:03	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 08:03	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 08:03	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 08:03	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 08:03	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 08:03	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 08:03	WG2297215
Carbon disulfide	0.223	J	0.162	0.500	1	06/03/2024 08:03	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 08:03	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 08:03	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 08:03	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 08:03	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 08:03	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 08:03	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 08:03	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 08:03	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 08:03	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 08:03	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 08:03	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 08:03	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 08:03	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 08:03	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 08:03	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 08:03	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 08:03	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 08:03	WG2297215
1,1-Dichloroethene	0.501		0.0200	0.100	1	06/03/2024 08:03	WG2297215

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	307		0.276	1.00	10	06/07/2024 13:35	WG2299617
trans-1,2-Dichloroethene	5.72		0.0572	0.200	1	06/03/2024 08:03	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 08:03	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 08:03	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 08:03	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 08:03	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 08:03	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 08:03	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 08:03	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 08:03	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 08:03	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 08:03	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 08:03	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 08:03	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 08:03	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 08:03	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 08:03	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 08:03	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 08:03	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 08:03	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 08:03	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 08:03	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 08:03	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 08:03	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 08:03	WG2297215
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 08:03	WG2297215
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 08:03	WG2297215
Toluene	0.128	U	0.0500	0.200	1	06/03/2024 08:03	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 08:03	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 08:03	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 08:03	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 08:03	WG2297215
Trichloroethene	0.0710		0.0160	0.0400	1	06/03/2024 08:03	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 08:03	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 08:03	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 08:03	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 08:03	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 08:03	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 08:03	WG2297215
Vinyl chloride	416		0.273	1.00	10	06/07/2024 13:35	WG2299617
Xylenes, Total	U		0.191	0.260	1	06/03/2024 08:03	WG2297215
(S) Toluene-d8	99.6			75.0-131		06/03/2024 08:03	WG2297215
(S) Toluene-d8	102			75.0-131		06/07/2024 13:35	WG2299617
(S) 4-Bromofluorobenzene	104			67.0-138		06/03/2024 08:03	WG2297215
(S) 4-Bromofluorobenzene	101			67.0-138		06/07/2024 13:35	WG2299617
(S) 1,2-Dichloroethane-d4	98.0			70.0-130		06/03/2024 08:03	WG2297215
(S) 1,2-Dichloroethane-d4	92.6			70.0-130		06/07/2024 13:35	WG2299617

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 date / time	Batch
Sulfate	1680	J	594	5000	1	06/21/2024 05:59	WG2309140

1
Cp

2
Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	20200		102	1000	1	06/15/2024 02:08	WG2305121

3
Ss

4
Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	10800		140	500	5	06/26/2024 22:10	WG2298963
Manganese	2540		0.704	5.00	1	06/26/2024 18:32	WG2298963

5
Sr

6
Qc

7
Gl

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	28000		2.87	6.78	10	06/02/2024 17:24	WG2297153
Ethane	441		0.296	1.29	1	06/02/2024 15:01	WG2296810
Ethene	U		0.422	1.27	1	06/02/2024 15:01	WG2296810

8
Al

9
Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	1.86		0.548	1.00	1	06/03/2024 08:22	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 08:22	WG2297215
Benzene	0.0190	J	0.0160	0.0400	1	06/03/2024 08:22	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 08:22	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 08:22	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 08:22	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 08:22	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 08:22	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 08:22	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 08:22	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 08:22	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 08:22	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 08:22	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 08:22	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 08:22	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 08:22	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 08:22	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 08:22	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 08:22	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 08:22	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 08:22	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 08:22	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 08:22	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 08:22	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 08:22	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 08:22	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 08:22	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 08:22	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 08:22	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 08:22	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 08:22	WG2297215

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.186		0.0276	0.100	1	06/07/2024 10:38	WG2299617
trans-1,2-Dichloroethene	0.496		0.0572	0.200	1	06/03/2024 08:22	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 08:22	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 08:22	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 08:22	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 08:22	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 08:22	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 08:22	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 08:22	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 08:22	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 08:22	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 08:22	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 08:22	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 08:22	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 08:22	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 08:22	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 08:22	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 08:22	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 08:22	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 08:22	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 08:22	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 08:22	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 08:22	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 08:22	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 08:22	WG2297215
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 08:22	WG2297215
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 08:22	WG2297215
Toluene	U		0.0500	0.200	1	06/03/2024 08:22	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 08:22	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 08:22	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 08:22	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 08:22	WG2297215
Trichloroethene	0.0380	U	0.0160	0.0400	1	06/03/2024 08:22	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 08:22	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 08:22	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 08:22	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 08:22	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 08:22	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 08:22	WG2297215
Vinyl chloride	0.0960	U	0.0273	0.100	1	06/07/2024 10:38	WG2299617
Xylenes, Total	U		0.191	0.260	1	06/03/2024 08:22	WG2297215
(S) Toluene-d8	99.5			75.0-131		06/03/2024 08:22	WG2297215
(S) Toluene-d8	98.1			75.0-131		06/07/2024 10:38	WG2299617
(S) 4-Bromofluorobenzene	104			67.0-138		06/03/2024 08:22	WG2297215
(S) 4-Bromofluorobenzene	111			67.0-138		06/07/2024 10:38	WG2299617
(S) 1,2-Dichloroethane-d4	99.1			70.0-130		06/03/2024 08:22	WG2297215
(S) 1,2-Dichloroethane-d4	97.3			70.0-130		06/07/2024 10:38	WG2299617

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Sulfate	23600		594	5000	1	06/21/2024 06:15	WG2309140

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9060A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	29500		102	1000	1	06/15/2024 02:31	WG2305121

Metals (ICPMS) by Method 6020B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Iron	17700		281	1000	10	06/26/2024 22:14	WG2298963
Manganese	7240		0.704	5.00	1	06/26/2024 18:35	WG2298963

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Methane	14600		2.87	6.78	10	06/02/2024 17:30	WG2297153
Ethane	89.0		0.296	1.29	1	06/02/2024 15:12	WG2296810
Ethene	71.8		0.422	1.27	1	06/02/2024 15:12	WG2296810

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

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Acetone	1.51		0.548	1.00	1	06/03/2024 08:41	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 08:41	WG2297215
Benzene	0.0300	J	0.0160	0.0400	1	06/03/2024 08:41	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 08:41	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 08:41	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 08:41	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 08:41	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 08:41	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 08:41	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 08:41	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 08:41	WG2297215
Carbon disulfide	0.642		0.162	0.500	1	06/03/2024 08:41	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 08:41	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 08:41	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 08:41	WG2297215
Chloroethane	2.58	C3	0.0432	0.200	1	06/03/2024 08:41	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 08:41	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 08:41	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 08:41	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 08:41	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 08:41	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 08:41	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 08:41	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 08:41	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 08:41	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 08:41	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 08:41	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 08:41	WG2297215
1,1-Dichloroethane	0.0270	J	0.0230	0.100	1	06/03/2024 08:41	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 08:41	WG2297215
1,1-Dichloroethene	7.02		0.0200	0.100	1	06/03/2024 08:41	WG2297215

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	4020		2.76	10.0	100	06/07/2024 13:55	WG2299617
trans-1,2-Dichloroethene	11.1		0.0572	0.200	1	06/03/2024 08:41	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 08:41	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 08:41	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 08:41	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 08:41	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 08:41	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 08:41	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 08:41	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 08:41	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 08:41	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 08:41	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 08:41	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 08:41	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 08:41	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 08:41	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 08:41	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 08:41	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 08:41	WG2297215
Methyl tert-butyl ether	0.0660		0.0118	0.0400	1	06/03/2024 08:41	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 08:41	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 08:41	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 08:41	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 08:41	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 08:41	WG2297215
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 08:41	WG2297215
Tetrachloroethene	60.3		0.0280	0.100	1	06/03/2024 08:41	WG2297215
Toluene	0.0970	U	0.0500	0.200	1	06/03/2024 08:41	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 08:41	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 08:41	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 08:41	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 08:41	WG2297215
Trichloroethene	158		1.60	4.00	100	06/07/2024 13:55	WG2299617
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 08:41	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 08:41	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 08:41	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 08:41	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 08:41	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 08:41	WG2297215
Vinyl chloride	464		2.73	10.0	100	06/07/2024 13:55	WG2299617
Xylenes, Total	U		0.191	0.260	1	06/03/2024 08:41	WG2297215
(S) Toluene-d8	98.4			75.0-131		06/03/2024 08:41	WG2297215
(S) Toluene-d8	100			75.0-131		06/07/2024 13:55	WG2299617
(S) 4-Bromofluorobenzene	104			67.0-138		06/03/2024 08:41	WG2297215
(S) 4-Bromofluorobenzene	99.7			67.0-138		06/07/2024 13:55	WG2299617
(S) 1,2-Dichloroethane-d4	99.7			70.0-130		06/03/2024 08:41	WG2297215
(S) 1,2-Dichloroethane-d4	91.8			70.0-130		06/07/2024 13:55	WG2299617

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 date / time	Batch
Sulfate	2690	J	594	5000	1	06/21/2024 06:31	WG2309140

1Cp

2Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	11500		102	1000	1	06/15/2024 02:53	WG2305121

3Ss

4Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	10900		140	500	5	06/26/2024 22:17	WG2298963
Manganese	2000		0.704	5.00	1	06/26/2024 18:38	WG2298963

5Sr

6Qc

7Gl

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	29400		2.87	6.78	10	06/02/2024 17:39	WG2297153
Ethane	311		0.296	1.29	1	06/02/2024 15:18	WG2296810
Ethene	U		0.422	1.27	1	06/02/2024 15:18	WG2296810

8Al

9Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	06/03/2024 09:00	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 09:00	WG2297215
Benzene	0.0370	J	0.0160	0.0400	1	06/03/2024 09:00	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 09:00	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 09:00	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 09:00	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 09:00	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 09:00	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 09:00	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 09:00	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 09:00	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 09:00	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 09:00	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 09:00	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 09:00	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 09:00	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 09:00	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 09:00	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 09:00	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 09:00	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 09:00	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 09:00	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 09:00	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 09:00	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 09:00	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 09:00	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 09:00	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 09:00	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 09:00	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 09:00	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 09:00	WG2297215

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.350		0.0276	0.100	1	06/07/2024 10:57	WG2299617
trans-1,2-Dichloroethene	0.466		0.0572	0.200	1	06/03/2024 09:00	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 09:00	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 09:00	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 09:00	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 09:00	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 09:00	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 09:00	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 09:00	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 09:00	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 09:00	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 09:00	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 09:00	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 09:00	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 09:00	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 09:00	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 09:00	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 09:00	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 09:00	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 09:00	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 09:00	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 09:00	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 09:00	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 09:00	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 09:00	WG2297215
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 09:00	WG2297215
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 09:00	WG2297215
Toluene	0.0770	U	0.0500	0.200	1	06/03/2024 09:00	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 09:00	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 09:00	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 09:00	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 09:00	WG2297215
Trichloroethene	0.113		0.0160	0.0400	1	06/07/2024 10:57	WG2299617
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 09:00	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 09:00	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 09:00	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 09:00	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 09:00	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 09:00	WG2297215
Vinyl chloride	0.0540	U	0.0273	0.100	1	06/07/2024 10:57	WG2299617
Xylenes, Total	U		0.191	0.260	1	06/03/2024 09:00	WG2297215
(S) Toluene-d8	100			75.0-131		06/03/2024 09:00	WG2297215
(S) Toluene-d8	99.7			75.0-131		06/07/2024 10:57	WG2299617
(S) 4-Bromofluorobenzene	103			67.0-138		06/03/2024 09:00	WG2297215
(S) 4-Bromofluorobenzene	102			67.0-138		06/07/2024 10:57	WG2299617
(S) 1,2-Dichloroethane-d4	97.9			70.0-130		06/03/2024 09:00	WG2297215
(S) 1,2-Dichloroethane-d4	90.9			70.0-130		06/07/2024 10:57	WG2299617

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 date / time	Batch
Sulfate	16800		594	5000	1	06/20/2024 00:12	WG2305180

1Cp

2Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	10100		102	1000	1	06/15/2024 03:23	WG2305121

3Ss

4Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	6420		140	500	5	06/26/2024 22:20	WG2298963
Manganese	644		0.704	5.00	1	06/26/2024 18:42	WG2298963

5Sr

6Qc

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	1520		0.287	0.678	1	06/02/2024 15:24	WG2296810
Ethane	36.2		0.296	1.29	1	06/02/2024 15:24	WG2296810
Ethene	1.49		0.422	1.27	1	06/02/2024 15:24	WG2296810

7Gl

8Al

9Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	06/03/2024 09:19	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 09:19	WG2297215
Benzene	U		0.0160	0.0400	1	06/03/2024 09:19	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 09:19	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 09:19	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 09:19	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 09:19	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 09:19	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 09:19	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 09:19	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 09:19	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 09:19	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 09:19	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 09:19	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 09:19	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 09:19	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 09:19	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 09:19	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 09:19	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 09:19	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 09:19	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 09:19	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 09:19	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 09:19	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 09:19	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 09:19	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 09:19	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 09:19	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 09:19	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 09:19	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 09:19	WG2297215

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.472		0.0276	0.100	1	06/07/2024 11:17	WG2299617
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 09:19	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 09:19	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 09:19	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 09:19	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 09:19	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 09:19	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 09:19	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 09:19	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 09:19	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 09:19	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 09:19	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 09:19	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 09:19	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 09:19	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 09:19	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 09:19	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 09:19	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 09:19	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 09:19	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 09:19	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 09:19	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 09:19	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 09:19	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 09:19	WG2297215
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 09:19	WG2297215
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 09:19	WG2297215
Toluene	U		0.0500	0.200	1	06/03/2024 09:19	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 09:19	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 09:19	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 09:19	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 09:19	WG2297215
Trichloroethene	0.0440		0.0160	0.0400	1	06/03/2024 09:19	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 09:19	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 09:19	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 09:19	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 09:19	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 09:19	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 09:19	WG2297215
Vinyl chloride	0.324		0.0273	0.100	1	06/03/2024 09:19	WG2297215
Xylenes, Total	U		0.191	0.260	1	06/03/2024 09:19	WG2297215
(S) Toluene-d8	101			75.0-131		06/03/2024 09:19	WG2297215
(S) Toluene-d8	100			75.0-131		06/07/2024 11:17	WG2299617
(S) 4-Bromofluorobenzene	103			67.0-138		06/03/2024 09:19	WG2297215
(S) 4-Bromofluorobenzene	101			67.0-138		06/07/2024 11:17	WG2299617
(S) 1,2-Dichloroethane-d4	97.4			70.0-130		06/03/2024 09:19	WG2297215
(S) 1,2-Dichloroethane-d4	89.8			70.0-130		06/07/2024 11:17	WG2299617

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 date / time	Batch
Sulfate	2520	J	594	5000	1	06/21/2024 07:19	WG2309140

1
Cp

2
Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	26000		102	1000	1	06/14/2024 17:39	WG2305123

3
Ss

4
Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	22200		281	1000	10	06/26/2024 22:24	WG2298963
Manganese	2690		0.704	5.00	1	06/26/2024 18:46	WG2298963

5
Sr

6
Qc

7
Gl

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	14500		2.87	6.78	10	06/02/2024 17:50	WG2297153
Ethane	45.8		0.296	1.29	1	06/02/2024 15:33	WG2296810
Ethene	4.34		0.422	1.27	1	06/02/2024 15:33	WG2296810

8
Al

9
Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	1.81		0.548	1.00	1	06/03/2024 09:38	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 09:38	WG2297215
Benzene	0.0720		0.0160	0.0400	1	06/03/2024 09:38	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 09:38	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 09:38	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 09:38	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 09:38	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 09:38	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 09:38	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 09:38	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 09:38	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 09:38	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 09:38	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 09:38	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 09:38	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 09:38	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 09:38	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 09:38	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 09:38	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 09:38	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 09:38	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 09:38	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 09:38	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 09:38	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 09:38	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 09:38	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 09:38	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 09:38	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 09:38	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 09:38	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 09:38	WG2297215

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.655		0.0276	0.100	1	06/07/2024 11:37	WG2299617
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 09:38	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 09:38	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 09:38	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 09:38	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 09:38	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 09:38	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 09:38	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 09:38	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 09:38	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 09:38	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 09:38	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 09:38	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 09:38	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 09:38	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 09:38	WG2297215
2-Butanone (MEK)	1.26	C5	0.500	1.00	1	06/03/2024 09:38	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 09:38	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 09:38	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 09:38	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 09:38	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 09:38	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 09:38	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 09:38	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 09:38	WG2297215
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 09:38	WG2297215
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 09:38	WG2297215
Toluene	U		0.0500	0.200	1	06/03/2024 09:38	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 09:38	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 09:38	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 09:38	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 09:38	WG2297215
Trichloroethene	0.0710		0.0160	0.0400	1	06/03/2024 09:38	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 09:38	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 09:38	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 09:38	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 09:38	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 09:38	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 09:38	WG2297215
Vinyl chloride	0.583		0.0273	0.100	1	06/03/2024 09:38	WG2297215
Xylenes, Total	U		0.191	0.260	1	06/03/2024 09:38	WG2297215
(S) Toluene-d8	99.4			75.0-131		06/03/2024 09:38	WG2297215
(S) Toluene-d8	102			75.0-131		06/07/2024 11:37	WG2299617
(S) 4-Bromofluorobenzene	103			67.0-138		06/03/2024 09:38	WG2297215
(S) 4-Bromofluorobenzene	98.5			67.0-138		06/07/2024 11:37	WG2299617
(S) 1,2-Dichloroethane-d4	98.2			70.0-130		06/03/2024 09:38	WG2297215
(S) 1,2-Dichloroethane-d4	88.6			70.0-130		06/07/2024 11:37	WG2299617

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 date / time	Batch
Sulfate	2530	J	594	5000	1	06/21/2024 07:35	WG2309140

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	7040		102	1000	1	06/14/2024 18:21	WG2305123

Metals (ICPMS) by Method 6020B

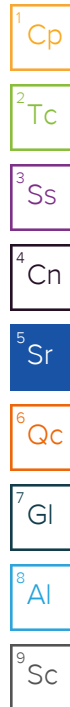
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	3660		28.1	100	1	06/26/2024 18:50	WG2298963
Manganese	1100		0.704	5.00	1	06/26/2024 18:50	WG2298963

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	17500		2.87	6.78	10	06/02/2024 17:55	WG2297153
Ethane	413		0.296	1.29	1	06/02/2024 15:41	WG2296810
Ethene	U		0.422	1.27	1	06/02/2024 15:41	WG2296810

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	06/03/2024 09:58	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 09:58	WG2297215
Benzene	U		0.0160	0.0400	1	06/03/2024 09:58	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 09:58	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 09:58	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 09:58	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 09:58	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 09:58	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 09:58	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 09:58	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 09:58	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 09:58	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 09:58	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 09:58	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 09:58	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 09:58	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 09:58	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 09:58	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 09:58	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 09:58	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 09:58	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 09:58	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 09:58	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 09:58	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 09:58	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 09:58	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 09:58	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 09:58	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 09:58	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 09:58	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 09:58	WG2297215



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.0750	J	0.0276	0.100	1	06/07/2024 11:57	WG2299617
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 09:58	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 09:58	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 09:58	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 09:58	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 09:58	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 09:58	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 09:58	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 09:58	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 09:58	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 09:58	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 09:58	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 09:58	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 09:58	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 09:58	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 09:58	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 09:58	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 09:58	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 09:58	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 09:58	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 09:58	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 09:58	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 09:58	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 09:58	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 09:58	WG2297215
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 09:58	WG2297215
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 09:58	WG2297215
Toluene	0.0700	J	0.0500	0.200	1	06/03/2024 09:58	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 09:58	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 09:58	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 09:58	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 09:58	WG2297215
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 09:58	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 09:58	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 09:58	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 09:58	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 09:58	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 09:58	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 09:58	WG2297215
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 09:58	WG2297215
Xylenes, Total	U		0.191	0.260	1	06/03/2024 09:58	WG2297215
(S) Toluene-d8	101			75.0-131		06/03/2024 09:58	WG2297215
(S) Toluene-d8	101			75.0-131		06/07/2024 11:57	WG2299617
(S) 4-Bromofluorobenzene	103			67.0-138		06/03/2024 09:58	WG2297215
(S) 4-Bromofluorobenzene	100			67.0-138		06/07/2024 11:57	WG2299617
(S) 1,2-Dichloroethane-d4	96.5			70.0-130		06/03/2024 09:58	WG2297215
(S) 1,2-Dichloroethane-d4	91.1			70.0-130		06/07/2024 11:57	WG2299617

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	5.03		0.548	1.00	1	06/03/2024 05:12	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 05:12	WG2297215
Benzene	U		0.0160	0.0400	1	06/03/2024 05:12	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 05:12	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 05:12	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 05:12	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 05:12	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 05:12	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 05:12	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 05:12	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 05:12	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 05:12	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 05:12	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 05:12	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 05:12	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 05:12	WG2297215
Chloroform	U		0.0166	0.100	1	06/03/2024 05:12	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 05:12	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 05:12	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 05:12	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 05:12	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 05:12	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 05:12	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 05:12	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 05:12	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 05:12	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 05:12	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 05:12	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 05:12	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 05:12	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 05:12	WG2297215
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/03/2024 05:12	WG2297215
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 05:12	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 05:12	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 05:12	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 05:12	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 05:12	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 05:12	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 05:12	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 05:12	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 05:12	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 05:12	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 05:12	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 05:12	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 05:12	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 05:12	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 05:12	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 05:12	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 05:12	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 05:12	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 05:12	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 05:12	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 05:12	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 05:12	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 05:12	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 05:12	WG2297215

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 05:12	WG2297215
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 05:12	WG2297215
Toluene	U		0.0500	0.200	1	06/03/2024 05:12	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 05:12	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 05:12	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 05:12	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 05:12	WG2297215
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 05:12	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 05:12	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 05:12	WG2297215
1,2,4-Trimethylbenzene	0.0650	B J	0.0464	0.200	1	06/03/2024 05:12	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 05:12	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 05:12	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 05:12	WG2297215
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 05:12	WG2297215
Xylenes, Total	U		0.191	0.260	1	06/03/2024 05:12	WG2297215
(S) Toluene-d8	99.2			75.0-131		06/03/2024 05:12	WG2297215
(S) 4-Bromofluorobenzene	103			67.0-138		06/03/2024 05:12	WG2297215
(S) 1,2-Dichloroethane-d4	96.9			70.0-130		06/03/2024 05:12	WG2297215

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	U		594	5000	1	06/20/2024 01:20	WG2305180

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	U		102	1000	1	06/14/2024 19:22	WG2305123

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	U		28.1	100	1	06/26/2024 18:53	WG2298963
Manganese	U		0.704	5.00	1	06/26/2024 18:53	WG2298963

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	U		0.287	0.678	1	06/02/2024 15:47	WG2296810
Ethane	U		0.296	1.29	1	06/02/2024 15:47	WG2296810
Ethene	U		0.422	1.27	1	06/02/2024 15:47	WG2296810

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	1.96		0.548	1.00	1	06/03/2024 10:16	WG2297215
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 10:16	WG2297215
Benzene	U		0.0160	0.0400	1	06/03/2024 10:16	WG2297215
Bromobenzene	U		0.0420	0.500	1	06/03/2024 10:16	WG2297215
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 10:16	WG2297215
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 10:16	WG2297215
Bromoform	U		0.239	1.00	1	06/03/2024 10:16	WG2297215
Bromomethane	U	C3 J3	0.148	0.500	1	06/03/2024 10:16	WG2297215
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 10:16	WG2297215
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 10:16	WG2297215
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 10:16	WG2297215
Carbon disulfide	U		0.162	0.500	1	06/03/2024 10:16	WG2297215
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 10:16	WG2297215
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 10:16	WG2297215
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 10:16	WG2297215
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 10:16	WG2297215
Chloroform	0.716		0.0166	0.100	1	06/03/2024 10:16	WG2297215
Chloromethane	U		0.0556	0.500	1	06/03/2024 10:16	WG2297215
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 10:16	WG2297215
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 10:16	WG2297215
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 10:16	WG2297215
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 10:16	WG2297215
Dibromomethane	U		0.0400	0.200	1	06/03/2024 10:16	WG2297215
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 10:16	WG2297215
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 10:16	WG2297215
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 10:16	WG2297215
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/03/2024 10:16	WG2297215
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 10:16	WG2297215
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 10:16	WG2297215
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 10:16	WG2297215
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 10:16	WG2297215

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.0710	J	0.0276	0.100	1	06/07/2024 12:16	WG2299617
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 10:16	WG2297215
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 10:16	WG2297215
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 10:16	WG2297215
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 10:16	WG2297215
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 10:16	WG2297215
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 10:16	WG2297215
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 10:16	WG2297215
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 10:16	WG2297215
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 10:16	WG2297215
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/03/2024 10:16	WG2297215
2-Hexanone	U		0.400	1.00	1	06/03/2024 10:16	WG2297215
n-Hexane	U		0.0424	0.200	1	06/03/2024 10:16	WG2297215
Iodomethane	U		0.242	0.500	1	06/03/2024 10:16	WG2297215
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 10:16	WG2297215
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 10:16	WG2297215
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 10:16	WG2297215
Methylene Chloride	U		0.265	1.00	1	06/03/2024 10:16	WG2297215
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 10:16	WG2297215
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 10:16	WG2297215
Naphthalene	U		0.124	0.500	1	06/03/2024 10:16	WG2297215
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 10:16	WG2297215
Styrene	U		0.109	0.500	1	06/03/2024 10:16	WG2297215
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 10:16	WG2297215
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 10:16	WG2297215
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 10:16	WG2297215
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 10:16	WG2297215
Toluene	U		0.0500	0.200	1	06/03/2024 10:16	WG2297215
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/03/2024 10:16	WG2297215
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/03/2024 10:16	WG2297215
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 10:16	WG2297215
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 10:16	WG2297215
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 10:16	WG2297215
Trichlorofluoromethane	U		0.0200	0.100	1	06/03/2024 10:16	WG2297215
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 10:16	WG2297215
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 10:16	WG2297215
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 10:16	WG2297215
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 10:16	WG2297215
Vinyl acetate	U		0.141	0.500	1	06/03/2024 10:16	WG2297215
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 10:16	WG2297215
Xylenes, Total	U		0.191	0.260	1	06/03/2024 10:16	WG2297215
(S) Toluene-d8	101			75.0-131		06/03/2024 10:16	WG2297215
(S) Toluene-d8	101			75.0-131		06/07/2024 12:16	WG2299617
(S) 4-Bromofluorobenzene	103			67.0-138		06/03/2024 10:16	WG2297215
(S) 4-Bromofluorobenzene	101			67.0-138		06/07/2024 12:16	WG2299617
(S) 1,2-Dichloroethane-d4	98.7			70.0-130		06/03/2024 10:16	WG2297215
(S) 1,2-Dichloroethane-d4	92.4			70.0-130		06/07/2024 12:16	WG2299617

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4084471-1 06/19/24 11:19

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

L1740632-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1740632-12 06/19/24 21:57 • (DUP) R4084471-3 06/19/24 22:11

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	1290	1310	1	1.42	⌵	15

L1740722-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1740722-15 06/20/24 01:20 • (DUP) R4084471-6 06/20/24 01:33

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

Laboratory Control Sample (LCS)

(LCS) R4084471-2 06/19/24 11:33

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	38300	95.7	80.0-120	

L1740632-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740632-12 06/19/24 21:57 • (MS) R4084471-4 06/19/24 22:24 • (MSD) R4084471-5 06/19/24 22:38

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	40000	1290	38800	36200	93.7	87.3	1	80.0-120			6.83	15

L1740722-15 Original Sample (OS) • Matrix Spike (MS)

(OS) L1740722-15 06/20/24 01:20 • (MS) R4084471-7 06/20/24 01:47

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Sulfate	40000	U	38200	95.6	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4085071-1 06/20/24 13:55

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

L1748761-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1748761-04 06/21/24 01:45 • (DUP) R4085071-3 06/21/24 02:01

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	37200	37000	1	0.363		15

L1740722-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1740722-10 06/21/24 06:31 • (DUP) R4085071-6 06/21/24 06:47

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	2690	2350	1	13.7	⬇	15

Laboratory Control Sample (LCS)

(LCS) R4085071-2 06/20/24 14:10

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	41100	103	80.0-120	

L1748761-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1748761-04 06/21/24 01:45 • (MS) R4085071-4 06/21/24 02:17 • (MSD) R4085071-5 06/21/24 02:32

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	40000	37200	70200	70300	82.5	82.9	1	80.0-120			0.234	15

L1740722-10 Original Sample (OS) • Matrix Spike (MS)

(OS) L1740722-10 06/21/24 06:31 • (MS) R4085071-7 06/21/24 07:03

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Sulfate	40000	2690	38000	88.4	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4082359-2 06/14/24 17:19

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	197	⬇	102	1000

L1740600-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1740600-14 06/14/24 19:52 • (DUP) R4082359-5 06/14/24 20:14

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	5010	5080	1	1.43		20

Sample Narrative:

OS: confirmation run

L1740656-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1740656-15 06/14/24 23:10 • (DUP) R4082359-6 06/14/24 23:27

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	1210	1270	1	4.59		20

Laboratory Control Sample (LCS)

(LCS) R4082359-1 06/14/24 17:01

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	24100	96.4	85.0-115	

L1740600-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740600-02 06/14/24 18:45 • (MS) R4082359-3 06/14/24 19:08 • (MSD) R4082359-4 06/14/24 19:31

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	1160	26400	26200	101	100	1	85.0-115			0.571	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L1740656-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740656-20 06/15/24 00:18 • (MS) R4082359-7 06/15/24 00:41 • (MSD) R4082359-8 06/15/24 01:04

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
TOC (Total Organic Carbon)	25000	414	25100	25700	98.8	101	1	85.0-115			2.24	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4082363-2 06/14/24 17:09

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

L1740722-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1740722-12 06/14/24 17:39 • (DUP) R4082363-3 06/14/24 18:01

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	26000	26100	1	0.346		20

L1740927-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1740927-02 06/14/24 22:39 • (DUP) R4082363-6 06/14/24 22:57

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	2050	2100	1	2.84		20

Laboratory Control Sample (LCS)

(LCS) R4082363-1 06/14/24 16:53

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	24100	96.5	85.0-115	

L1740722-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740722-13 06/14/24 18:21 • (MS) R4082363-4 06/14/24 18:43 • (MSD) R4082363-5 06/14/24 19:05

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	7040	31800	32200	99.2	100	1	85.0-115			0.969	20

L1740944-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740944-01 06/14/24 23:15 • (MS) R4082363-7 06/14/24 23:37 • (MSD) R4082363-8 06/14/24 23:58

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	925	26300	26200	102	101	1	85.0-115			0.305	20



Method Blank (MB)

(MB) R4086928-1 06/26/24 17:53

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) R4086928-2 06/26/24 17:56

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	1000	981	98.1	80.0-120	
Manganese	50.0	49.5	99.0	80.0-120	

L1740742-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740742-01 06/26/24 18:00 • (MS) R4086928-4 06/26/24 18:06 • (MSD) R4086928-5 06/26/24 18:10

Analyte	Spike Amount ug/l	Original Result	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Iron	1000		1310	1470	107	123	1	75.0-125			11.4	20
Manganese	50.0		78.5	77.4	99.5	97.2	1	75.0-125			1.49	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4076306-2 06/02/24 14:13

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

L1740600-14 Original Sample (OS) • Duplicate (DUP)

(OS) L1740600-14 06/02/24 14:19 • (DUP) R4076306-3 06/02/24 15:07

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

L1740722-15 Original Sample (OS) • Duplicate (DUP)

(OS) L1740722-15 06/02/24 15:47 • (DUP) R4076306-4 06/02/24 16:15

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) R4076306-1 06/02/24 14:09 • (LCSD) R4076306-7 06/02/24 16:25

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	62.7	68.4	92.5	101	85.0-115			8.70	20
Ethane	129	120	121	93.0	93.8	85.0-115			0.830	20
Ethene	127	122	122	96.1	96.1	85.0-115			0.000	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

L1740600-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740600-02 06/02/24 14:16 • (MS) R4076306-5 06/02/24 16:19 • (MSD) R4076306-6 06/02/24 16:22

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 %
Methane	67.8	413	483	480	103	98.8	1	85.0-115			0.623	20
Ethane	129	U	150	149	116	116	1	85.0-115	J5	J5	0.669	20
Ethene	127	U	149	149	117	117	1	85.0-115	J5	J5	0.000	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4076316-2 06/02/24 16:45

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

L1740141-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1740141-03 06/02/24 16:48 • (DUP) R4076316-3 06/02/24 17:44

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	8780	8650	10	1.49		20

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

(LCS) R4076316-1 06/02/24 16:42 • (LCSD) R4076316-4 06/02/24 18:07

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	68.1	62.4	100	92.0	85.0-115			8.74	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4077871-3 06/03/24 04:53

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
Bromochloromethane	U		0.0452	0.200
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 disulfide	U		0.162	0.500
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	0.200
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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4077871-3 06/03/24 04:53

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.0212	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
2-Hexanone	U		0.400	1.00
n-Hexane	U		0.0424	0.200
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	0.0780	U	0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl acetate	U		0.141	0.500
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	101			75.0-131
(S) 4-Bromofluorobenzene	102			67.0-138
(S) 1,2-Dichloroethane-d4	96.8			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4077871-1 06/03/24 03:18 • (LCSD) R4077871-2 06/03/24 03:37

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	26.0	28.4	104	114	10.0-160			8.82	31
Acrylonitrile	25.0	27.2	30.2	109	121	45.0-153			10.5	22
Benzene	5.00	4.75	4.49	95.0	89.8	70.0-123			5.63	20
Bromobenzene	5.00	4.81	4.57	96.2	91.4	73.0-121			5.12	20
Bromochloromethane	5.00	4.52	4.43	90.4	88.6	77.0-128			2.01	20
Bromodichloromethane	5.00	4.67	4.70	93.4	94.0	73.0-121			0.640	20
Bromoform	5.00	4.04	4.05	80.8	81.0	64.0-132			0.247	20
Bromomethane	5.00	3.02	3.95	60.4	79.0	56.0-147		J3	26.7	20
n-Butylbenzene	5.00	5.57	4.84	111	96.8	68.0-135			14.0	20
sec-Butylbenzene	5.00	5.41	4.99	108	99.8	74.0-130			8.08	20
tert-Butylbenzene	5.00	5.61	5.26	112	105	75.0-127			6.44	20
Carbon disulfide	5.00	4.53	4.19	90.6	83.8	56.0-133			7.80	20
Carbon tetrachloride	5.00	4.98	4.77	99.6	95.4	66.0-128			4.31	20
Chlorobenzene	5.00	4.72	4.50	94.4	90.0	76.0-128			4.77	20
Chlorodibromomethane	5.00	4.57	4.55	91.4	91.0	74.0-127			0.439	20
Chloroethane	5.00	3.92	4.31	78.4	86.2	61.0-134			9.48	20
Chloroform	5.00	4.64	4.41	92.8	88.2	72.0-123			5.08	20
Chloromethane	5.00	5.33	6.31	107	126	51.0-138			16.8	20
2-Chlorotoluene	5.00	5.06	4.81	101	96.2	75.0-124			5.07	20
4-Chlorotoluene	5.00	5.07	4.70	101	94.0	75.0-124			7.57	20
1,2-Dibromo-3-Chloropropane	5.00	4.63	4.61	92.6	92.2	59.0-130			0.433	20
1,2-Dibromoethane	5.00	4.95	4.90	99.0	98.0	74.0-128			1.02	20
Dibromomethane	5.00	4.76	4.71	95.2	94.2	75.0-122			1.06	20
1,2-Dichlorobenzene	5.00	5.06	4.88	101	97.6	76.0-124			3.62	20
1,3-Dichlorobenzene	5.00	5.03	4.82	101	96.4	76.0-125			4.26	20
1,4-Dichlorobenzene	5.00	5.01	4.89	100	97.8	77.0-121			2.42	20
trans-1,4-Dichloro-2-butene	5.00	6.49	6.35	130	127	45.0-143			2.18	20
Dichlorodifluoromethane	5.00	6.04	5.40	121	108	43.0-156			11.2	20
1,1-Dichloroethane	5.00	5.08	4.80	102	96.0	70.0-127			5.67	20
1,2-Dichloroethane	5.00	4.53	4.49	90.6	89.8	65.0-131			0.887	20
1,1-Dichloroethene	5.00	5.33	4.77	107	95.4	65.0-131			11.1	20
cis-1,2-Dichloroethene	5.00	4.56	4.31	91.2	86.2	73.0-125			5.64	20
trans-1,2-Dichloroethene	5.00	4.64	4.39	92.8	87.8	71.0-125			5.54	20
1,2-Dichloropropane	5.00	4.99	4.96	99.8	99.2	74.0-125			0.603	20
1,1-Dichloropropene	5.00	5.05	4.63	101	92.6	73.0-125			8.68	20
1,3-Dichloropropane	5.00	5.17	4.99	103	99.8	80.0-125			3.54	20
cis-1,3-Dichloropropene	5.00	5.10	4.97	102	99.4	76.0-127			2.58	20
trans-1,3-Dichloropropene	5.00	5.18	5.08	104	102	73.0-127			1.95	20
2,2-Dichloropropane	5.00	4.76	4.75	95.2	95.0	59.0-135			0.210	20
Di-isopropyl ether	5.00	5.16	5.00	103	100	60.0-136			3.15	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4077871-1 06/03/24 03:18 • (LCSD) R4077871-2 06/03/24 03:37

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 %
Ethylbenzene	5.00	4.86	4.65	97.2	93.0	74.0-126			4.42	20
Hexachloro-1,3-butadiene	5.00	5.13	4.80	103	96.0	57.0-150			6.65	20
2-Hexanone	25.0	27.2	27.3	109	109	54.0-147			0.367	20
n-Hexane	5.00	5.78	5.11	116	102	55.0-137			12.3	20
Iodomethane	25.0	23.6	22.3	94.4	89.2	74.0-134			5.66	20
Isopropylbenzene	5.00	4.97	4.66	99.4	93.2	72.0-127			6.44	20
p-Isopropyltoluene	5.00	5.18	4.91	104	98.2	72.0-133			5.35	20
2-Butanone (MEK)	25.0	31.6	31.5	126	126	30.0-160			0.317	24
Methylene Chloride	5.00	4.54	4.39	90.8	87.8	68.0-123			3.36	20
4-Methyl-2-pentanone (MIBK)	25.0	28.9	28.7	116	115	56.0-143			0.694	20
Methyl tert-butyl ether	5.00	4.84	4.88	96.8	97.6	66.0-132			0.823	20
Naphthalene	5.00	5.17	4.97	103	99.4	59.0-130			3.94	20
n-Propylbenzene	5.00	5.28	4.88	106	97.6	74.0-126			7.87	20
Styrene	5.00	4.75	4.56	95.0	91.2	72.0-127			4.08	20
1,1,1,2-Tetrachloroethane	5.00	4.49	4.39	89.8	87.8	74.0-129			2.25	20
1,1,2,2-Tetrachloroethane	5.00	4.91	4.84	98.2	96.8	68.0-128			1.44	20
1,1,2-Trichlorotrifluoroethane	5.00	5.68	4.97	114	99.4	61.0-139			13.3	20
Tetrachloroethene	5.00	4.88	4.53	97.6	90.6	70.0-136			7.44	20
Toluene	5.00	4.54	4.36	90.8	87.2	75.0-121			4.04	20
1,2,3-Trichlorobenzene	5.00	4.80	4.73	96.0	94.6	59.0-139			1.47	20
1,2,4-Trichlorobenzene	5.00	5.17	4.91	103	98.2	62.0-137			5.16	20
1,1,1-Trichloroethane	5.00	5.08	4.91	102	98.2	69.0-126			3.40	20
1,1,2-Trichloroethane	5.00	4.99	4.84	99.8	96.8	78.0-123			3.05	20
Trichloroethene	5.00	5.01	4.75	100	95.0	76.0-126			5.33	20
Trichlorofluoromethane	5.00	5.21	4.84	104	96.8	61.0-142	U	U	7.36	20
1,2,3-Trichloropropane	5.00	5.28	5.12	106	102	67.0-129			3.08	20
1,2,4-Trimethylbenzene	5.00	5.33	4.94	107	98.8	70.0-126			7.59	20
1,2,3-Trimethylbenzene	5.00	4.99	4.75	99.8	95.0	74.0-124			4.93	20
1,3,5-Trimethylbenzene	5.00	5.19	4.94	104	98.8	73.0-127			4.94	20
Vinyl acetate	25.0	22.3	23.1	89.2	92.4	43.0-159			3.52	20
Vinyl chloride	5.00	4.50	4.10	90.0	82.0	63.0-134			9.30	20
Xylenes, Total	15.0	14.7	13.9	98.0	92.7	72.0-127			5.59	20
(S) Toluene-d8				98.8	98.9	75.0-131				
(S) 4-Bromofluorobenzene				104	103	67.0-138				
(S) 1,2-Dichloroethane-d4				101	103	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4079415-2 06/07/24 03:18

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
cis-1,2-Dichloroethene	U		0.0276	0.100
Trichloroethene	U		0.0160	0.0400
Vinyl chloride	U		0.0273	0.100
(S) Toluene-d8	99.9			75.0-131
(S) 4-Bromofluorobenzene	95.4			67.0-138
(S) 1,2-Dichloroethane-d4	89.9			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4079415-1 06/07/24 02:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
cis-1,2-Dichloroethene	5.00	5.71	114	73.0-125	
Trichloroethene	5.00	5.47	109	76.0-126	
Vinyl chloride	5.00	5.35	107	63.0-134	
(S) Toluene-d8			99.7	75.0-131	
(S) 4-Bromofluorobenzene			103	67.0-138	
(S) 1,2-Dichloroethane-d4			92.6	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) R4079423-2 06/09/24 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
Tetrachloroethene	U		0.0280	0.100
Trichloroethene	U		0.0160	0.0400
(S) Toluene-d8	104			75.0-131
(S) 4-Bromofluorobenzene	102			67.0-138
(S) 1,2-Dichloroethane-d4	100			70.0-130

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

(LCS) R4079423-1 06/09/24 09:46 • (LCSD) R4079423-3 06/09/24 17:22

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	4.38	5.02	87.6	100	73.0-125			13.6	20
Tetrachloroethene	5.00	4.96	4.96	99.2	99.2	70.0-136			0.000	20
Trichloroethene	5.00	4.89	4.93	97.8	98.6	76.0-126			0.815	20
(S) Toluene-d8				110	106	75.0-131				
(S) 4-Bromofluorobenzene				101	103	67.0-138				
(S) 1,2-Dichloroethane-d4				89.4	94.7	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

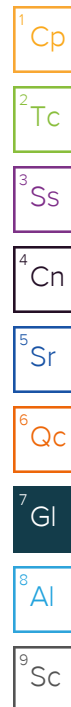
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
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.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
T8	Sample(s) received past/too close to holding time expiration.



ACCREDITATIONS & LOCATIONS

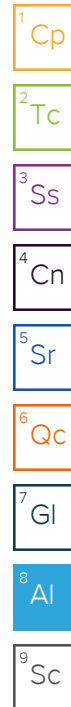
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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	LA000356
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		

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

* 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 Analytical.



PES Environmental, Inc.- WA

2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:

Attn: Accounts Payable
2101 4th Avenue, Suite 1310
Seattle, WA 98121

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG #

F005

Acctnum: PESENVSWA

Template: T252143

Prelogin: P1073076

PM: 546 - Jared Starkey

PB: LM 5/14/24

Shipped Via:

Remarks

Sample # (lab only)

Report to:

Daniel Balbiani (ALP Q2)

Email To:

Sam.graber@nvs.com
jessica.babb@nvs.com; nathalie.widom@nvs.com

Project Description:

American Linen Q2 2024

City/State

Collected: Seattle, WA

Please Circle:

PT MT CT ET

Phone: 206-529-3980

Client Project #

443022-1413001.10

Lab Project #

PESENVSWA-ALP

Collected by (print):

Devlin Del Giudice

Site/Facility ID #

P.O. #

443022-1413001.10.701

Collected by (signature):

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

No.
of
Cntrs

Immediately

Packed on Ice N ___ Y ☒

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

MW-335-052424

G

GW

—

5/24/24

1348

3

MW-326R-052424

GW

—

1309

3

MW-325-052424

GW

—

1431

3

MW-326-052424

GW

—

1127

3

MW-119-052424

GW

—

1049

3

MW-351-052424

GW

—

1019

3

MW-143-052424

GW

—

0935

8

MW-176-052424

GW

—

1430

8

MW-180-052424

GW

—

0914

8

MW-186-052424

↓

GW

—

1308

8

* 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 #

7411 4519 3442

Relinquished by: (Signature)

Date:

5/24/24

Time:

1509

Received by: (Signature)

Trip Blank Received: Yes / No

HCL / MeOH

TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 4.6 ± 0.1 = 47 °C

Bottles Received: 82

PH-10BDH5021 TRC-2752350
CR6-20221V

Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

Hold:

Condition:

NCF / OK

PES Environmental, Inc.- WA

2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Attn: Accounts Payable
2101 4th Avenue, Suite 1310
Seattle, WA 98121

Pres
Chk

Report to:
Daniel Balbiani (ALP Q2)

Email To: sam.graber@nvs.com
jessica.babb@nvs.com; natalie.wisdom@nvs.com

Project Description:
American Linen Q2 2024

City/State
Collected: Seattle, WA

Please Circle:
PT MT CT ET

Phone: 206-529-3980

Client Project #
443022-1413001.10

Lab Project #
PESENVSWA-ALP

Collected by (print):
Devlin Del Giudice

Site/Facility ID #

P.O. #
443022-1413001.10.701

Collected by (signature):

Rush? (Lab MUST Be Notified)

Quote #

___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

No.
of
Cntrs

Immediately
Packed on Ice N ___ Y ☒

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

No.
of
Cntrs

MW-188-052424

G

GW

—

05/24/24

1155

8

MW-185-052424

↓

GW

—

↓

1106

8

MW-187-052424

↓

GW

—

↓

1019

8

TB-052424

↓

GW

—

↓

—

1

EQ-052424

↓

GW

—

↓

1447

8

* 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 #

Relinquished by: (Signature)

Date:

5/24/24

Time:

1509

Received by: (Signature)

Trip Blank Received: Yes / No

HL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 4.6°C Bottles Received: 4.7 82

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 5-25-24 Time: 12:00

Hold:

Condition:
NCF / (OK)

Analysis / Container / Preservative

Chain of Custody Page 2 of 2



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # 1740722

Table #

Acctnum: PESENVSWA

Template: T252143

Prelogin: P1073076

PM: 546 - Jared Starkey

PB: LM 5/4/24

Shipped Via:

Remarks

Sample # (lab only)

Sample Receipt Checklist

COC Seal Present/Intact: ANP 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

If preservation required by Login: Date/Time

June 27, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

PES Environmental, Inc.- WA

Sample Delivery Group: L1740759
Samples Received: 05/25/2024
Project Number: 443022-1413001.10
Description: American Linen Q2 2024

Report To: Daniel Balbiani
2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Entire Report Reviewed By:



Shane Gambill
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 mydata.pacelabs.com

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

SAMPLE SUMMARY

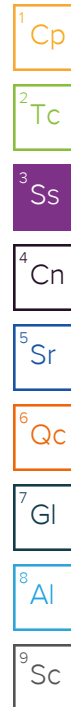
MW-169-052424 L1740759-01 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 10:18

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306750	1	06/19/24 15:45	06/19/24 15:45	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305123	1	06/14/24 20:21	06/14/24 20:21	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 19:18	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296812	1	06/03/24 11:50	06/03/24 11:50	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297638	10	06/03/24 16:03	06/03/24 16:03	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 09:09	06/03/24 09:09	JAH	Mt. Juliet, TN



MW-170-052424 L1740759-02 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 11:30

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306750	1	06/19/24 16:12	06/19/24 16:12	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305123	1	06/14/24 20:42	06/14/24 20:42	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 19:21	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296812	1	06/03/24 12:06	06/03/24 12:06	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297638	10	06/03/24 16:08	06/03/24 16:08	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	200	06/03/24 13:38	06/03/24 13:38	JAH	Mt. Juliet, TN

MW-171-052424 L1740759-03 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 12:57

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306750	1	06/19/24 16:38	06/19/24 16:38	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305123	1	06/14/24 21:03	06/14/24 21:03	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 19:24	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296812	1	06/03/24 12:11	06/03/24 12:11	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	250	06/03/24 13:57	06/03/24 13:57	JAH	Mt. Juliet, TN

MW-172-052424 L1740759-04 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 14:55

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306750	1	06/19/24 17:05	06/19/24 17:05	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2305123	1	06/14/24 21:24	06/14/24 21:24	DMA	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2298963	1	06/06/24 04:18	06/26/24 19:28	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2296812	1	06/03/24 12:17	06/03/24 12:17	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297638	10	06/03/24 16:15	06/03/24 16:15	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298944	25	06/06/24 00:11	06/06/24 00:11	ACG	Mt. Juliet, TN

MW-342-052424 L1740759-05 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 07:21

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 09:28	06/03/24 09:28	JAH	Mt. Juliet, TN

SAMPLE SUMMARY

MW-343-052424 L1740759-06 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 07:56

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 09:47	06/03/24 09:47	JAH	Mt. Juliet, TN

¹Cp

²Tc

³Ss

MW115-052424 L1740759-07 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 09:49

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 10:06	06/03/24 10:06	JAH	Mt. Juliet, TN

⁴Cn

⁵Sr

MW113-052424 L1740759-08 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 10:38

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298944	1	06/05/24 23:27	06/05/24 23:27	ACG	Mt. Juliet, TN

⁶Qc

⁷Gl

⁸Al

FMW-140-052424 L1740759-09 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 11:22

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 10:25	06/03/24 10:25	JAH	Mt. Juliet, TN

⁹Sc

FMW-137-052424 L1740759-10 GW

Collected by
Devlin Del Giudice

Collected date/time
05/24/24 13:50

Received date/time
05/25/24 12:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 10:45	06/03/24 10:45	JAH	Mt. Juliet, TN

CASE NARRATIVE

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.

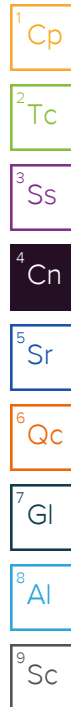


Shane Gambill
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

<u>Lab Sample ID</u>	<u>Project Sample ID</u>	<u>Method</u>
<u>L1740759-06</u>	<u>MW-343-052424</u>	8260D
<u>L1740759-07</u>	<u>MW115-052424</u>	8260D



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	1040	J	594	5000	1	06/19/2024 15:45	WG2306750

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	14200		102	1000	1	06/14/2024 20:21	WG2305123

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	4030		28.1	100	1	06/26/2024 19:18	WG2298963
Manganese	785		0.704	5.00	1	06/26/2024 19:18	WG2298963

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	29500		2.87	6.78	10	06/03/2024 16:03	WG2297638
Ethane	204		0.296	1.29	1	06/03/2024 11:50	WG2296812
Ethene	55.0		0.422	1.27	1	06/03/2024 11:50	WG2296812

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	06/03/2024 09:09	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 09:09	WG2297221
Benzene	0.0960		0.0160	0.0400	1	06/03/2024 09:09	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 09:09	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 09:09	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 09:09	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 09:09	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 09:09	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 09:09	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 09:09	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 09:09	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 09:09	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 09:09	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 09:09	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 09:09	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 09:09	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 09:09	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 09:09	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 09:09	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 09:09	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 09:09	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 09:09	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 09:09	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 09:09	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 09:09	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 09:09	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 09:09	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 09:09	WG2297221
cis-1,2-Dichloroethene	0.0410	J	0.0276	0.100	1	06/03/2024 09:09	WG2297221
trans-1,2-Dichloroethene	0.153	J	0.0572	0.200	1	06/03/2024 09:09	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 09:09	WG2297221

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 09:09	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 09:09	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 09:09	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 09:09	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 09:09	WG2297221
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 09:09	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 09:09	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 09:09	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 09:09	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 09:09	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 09:09	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 09:09	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 09:09	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 09:09	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 09:09	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 09:09	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 09:09	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 09:09	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 09:09	WG2297221
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 09:09	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 09:09	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 09:09	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 09:09	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 09:09	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 09:09	WG2297221
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 09:09	WG2297221
Trichloroethene	0.0320	J	0.0160	0.0400	1	06/03/2024 09:09	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 09:09	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 09:09	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 09:09	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 09:09	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 09:09	WG2297221
Vinyl chloride	0.822		0.0273	0.100	1	06/03/2024 09:09	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 09:09	WG2297221
Ethyl Ether	U		0.0170	0.100	1	06/03/2024 09:09	WG2297221
Tetrahydrofuran	3.38		0.0900	0.500	1	06/03/2024 09:09	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 09:09	WG2297221
Allyl chloride	U		0.580	1.00	1	06/03/2024 09:09	WG2297221
Trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 09:09	WG2297221
(S) Toluene-d8	97.3			75.0-131		06/03/2024 09:09	WG2297221
(S) 4-Bromofluorobenzene	94.3			67.0-138		06/03/2024 09:09	WG2297221
(S) 1,2-Dichloroethane-d4	100			70.0-130		06/03/2024 09:09	WG2297221

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Sulfate	7340		594	5000	1	06/19/2024 16:12	WG2306750

¹ Cp

² Tc

Wet Chemistry by Method 9060A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	15900		102	1000	1	06/14/2024 20:42	WG2305123

³ Ss

⁴ Cn

Metals (ICPMS) by Method 6020B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Iron	2640		28.1	100	1	06/26/2024 19:21	WG2298963
Manganese	1430		0.704	5.00	1	06/26/2024 19:21	WG2298963

⁵ Sr

⁶ Qc

⁷ Gl

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Methane	23600		2.87	6.78	10	06/03/2024 16:08	WG2297638
Ethane	22.6		0.296	1.29	1	06/03/2024 12:06	WG2296812
Ethene	552		0.422	1.27	1	06/03/2024 12:06	WG2296812

⁸ Al

⁹ Sc

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

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Acetone	U		110	200	200	06/03/2024 13:38	WG2297221
Acrylonitrile	U		15.2	100	200	06/03/2024 13:38	WG2297221
Benzene	U		3.20	8.00	200	06/03/2024 13:38	WG2297221
Bromobenzene	U		8.40	100	200	06/03/2024 13:38	WG2297221
Bromodichloromethane	U		6.30	20.0	200	06/03/2024 13:38	WG2297221
Bromoform	U		47.8	200	200	06/03/2024 13:38	WG2297221
Bromomethane	U	C3 J4	29.6	100	200	06/03/2024 13:38	WG2297221
n-Butylbenzene	U		30.6	100	200	06/03/2024 13:38	WG2297221
sec-Butylbenzene	U		20.2	100	200	06/03/2024 13:38	WG2297221
tert-Butylbenzene	U		12.4	40.0	200	06/03/2024 13:38	WG2297221
Carbon tetrachloride	U		8.64	40.0	200	06/03/2024 13:38	WG2297221
Chlorobenzene	U		4.58	20.0	200	06/03/2024 13:38	WG2297221
Chlorodibromomethane	U		3.60	20.0	200	06/03/2024 13:38	WG2297221
Chloroethane	U	C3	8.64	40.0	200	06/03/2024 13:38	WG2297221
Chloroform	U		3.32	20.0	200	06/03/2024 13:38	WG2297221
Chloromethane	U		11.1	100	200	06/03/2024 13:38	WG2297221
2-Chlorotoluene	U		7.36	20.0	200	06/03/2024 13:38	WG2297221
4-Chlorotoluene	U		9.04	40.0	200	06/03/2024 13:38	WG2297221
1,2-Dibromo-3-Chloropropane	U		40.8	200	200	06/03/2024 13:38	WG2297221
1,2-Dibromoethane	U		4.20	20.0	200	06/03/2024 13:38	WG2297221
Dibromomethane	U		8.00	40.0	200	06/03/2024 13:38	WG2297221
1,2-Dichlorobenzene	U		11.6	40.0	200	06/03/2024 13:38	WG2297221
1,3-Dichlorobenzene	U		13.6	40.0	200	06/03/2024 13:38	WG2297221
1,4-Dichlorobenzene	U		15.8	40.0	200	06/03/2024 13:38	WG2297221
Dichlorodifluoromethane	U		6.54	40.0	200	06/03/2024 13:38	WG2297221
1,1-Dichloroethane	U		4.60	20.0	200	06/03/2024 13:38	WG2297221
1,2-Dichloroethane	U		3.80	20.0	200	06/03/2024 13:38	WG2297221
1,1-Dichloroethene	40.4		4.00	20.0	200	06/03/2024 13:38	WG2297221
cis-1,2-Dichloroethene	10200		5.52	20.0	200	06/03/2024 13:38	WG2297221
trans-1,2-Dichloroethene	256		11.4	40.0	200	06/03/2024 13:38	WG2297221
1,2-Dichloropropane	U		10.2	40.0	200	06/03/2024 13:38	WG2297221

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloropropene	U		5.60	20.0	200	06/03/2024 13:38	WG2297221
1,3-Dichloropropane	U		14.0	40.0	200	06/03/2024 13:38	WG2297221
cis-1,3-Dichloropropene	U		5.42	20.0	200	06/03/2024 13:38	WG2297221
trans-1,3-Dichloropropene	U		12.2	40.0	200	06/03/2024 13:38	WG2297221
2,2-Dichloropropane	U		6.34	20.0	200	06/03/2024 13:38	WG2297221
Di-isopropyl ether	U		2.80	8.00	200	06/03/2024 13:38	WG2297221
Ethylbenzene	U		4.24	20.0	200	06/03/2024 13:38	WG2297221
Hexachloro-1,3-butadiene	U	J3	102	200	200	06/03/2024 13:38	WG2297221
Isopropylbenzene	U		6.90	20.0	200	06/03/2024 13:38	WG2297221
p-Isopropyltoluene	U		18.6	40.0	200	06/03/2024 13:38	WG2297221
2-Butanone (MEK)	U		100	200	200	06/03/2024 13:38	WG2297221
Methylene Chloride	U		53.0	200	200	06/03/2024 13:38	WG2297221
4-Methyl-2-pentanone (MIBK)	U		80.0	200	200	06/03/2024 13:38	WG2297221
Methyl tert-butyl ether	U		2.36	8.00	200	06/03/2024 13:38	WG2297221
Naphthalene	U	J3	24.8	100	200	06/03/2024 13:38	WG2297221
n-Propylbenzene	U		9.44	40.0	200	06/03/2024 13:38	WG2297221
Styrene	U		21.8	100	200	06/03/2024 13:38	WG2297221
1,1,1,2-Tetrachloroethane	U		4.00	20.0	200	06/03/2024 13:38	WG2297221
1,1,2,2-Tetrachloroethane	U		3.12	20.0	200	06/03/2024 13:38	WG2297221
1,1,2-Trichlorotrifluoroethane	U		5.40	20.0	200	06/03/2024 13:38	WG2297221
Tetrachloroethene	19.8	J	5.60	20.0	200	06/03/2024 13:38	WG2297221
Toluene	U		10.0	40.0	200	06/03/2024 13:38	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	5.00	100	200	06/03/2024 13:38	WG2297221
1,2,4-Trichlorobenzene	U	J3	38.6	100	200	06/03/2024 13:38	WG2297221
1,1,1-Trichloroethane	U		2.20	20.0	200	06/03/2024 13:38	WG2297221
1,1,2-Trichloroethane	U		7.06	20.0	200	06/03/2024 13:38	WG2297221
Trichloroethene	51.4		3.20	8.00	200	06/03/2024 13:38	WG2297221
Trichlorofluoromethane	U	C3	4.00	20.0	200	06/03/2024 13:38	WG2297221
1,2,3-Trichloropropane	U		40.8	100	200	06/03/2024 13:38	WG2297221
1,2,4-Trimethylbenzene	U		9.28	40.0	200	06/03/2024 13:38	WG2297221
1,2,3-Trimethylbenzene	U		9.20	40.0	200	06/03/2024 13:38	WG2297221
1,3,5-Trimethylbenzene	U		8.64	40.0	200	06/03/2024 13:38	WG2297221
Vinyl chloride	11800		5.46	20.0	200	06/03/2024 13:38	WG2297221
Xylenes, Total	U		38.2	52.0	200	06/03/2024 13:38	WG2297221
Ethyl Ether	U		3.40	20.0	200	06/03/2024 13:38	WG2297221
Tetrahydrofuran	U		18.0	100	200	06/03/2024 13:38	WG2297221
Iodomethane	U		48.4	100	200	06/03/2024 13:38	WG2297221
Allyl chloride	U		116	200	200	06/03/2024 13:38	WG2297221
Trans-1,4-Dichloro-2-butene	U	C3 J3	11.2	40.0	200	06/03/2024 13:38	WG2297221
(S) Toluene-d8	99.6			75.0-131		06/03/2024 13:38	WG2297221
(S) 4-Bromofluorobenzene	98.4			67.0-138		06/03/2024 13:38	WG2297221
(S) 1,2-Dichloroethane-d4	96.6			70.0-130		06/03/2024 13:38	WG2297221

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Sulfate	12000		594	5000	1	06/19/2024 16:38	WG2306750

1Cp

2Tc

Wet Chemistry by Method 9060A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	6950		102	1000	1	06/14/2024 21:03	WG2305123

3Ss

4Cn

Metals (ICPMS) by Method 6020B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Iron	1680		28.1	100	1	06/26/2024 19:24	WG2298963
Manganese	585		0.704	5.00	1	06/26/2024 19:24	WG2298963

5Sr

6Qc

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Methane	6610		0.287	0.678	1	06/03/2024 12:11	WG2296812
Ethane	20.4		0.296	1.29	1	06/03/2024 12:11	WG2296812
Ethene	706		0.422	1.27	1	06/03/2024 12:11	WG2296812

7Gl

8Al

9Sc

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

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Acetone	U		137	250	250	06/03/2024 13:57	WG2297221
Acrylonitrile	U		19.0	125	250	06/03/2024 13:57	WG2297221
Benzene	U		4.00	10.0	250	06/03/2024 13:57	WG2297221
Bromobenzene	U		10.5	125	250	06/03/2024 13:57	WG2297221
Bromodichloromethane	U		7.88	25.0	250	06/03/2024 13:57	WG2297221
Bromoform	U		59.8	250	250	06/03/2024 13:57	WG2297221
Bromomethane	U	C3 J4	37.0	125	250	06/03/2024 13:57	WG2297221
n-Butylbenzene	U		38.3	125	250	06/03/2024 13:57	WG2297221
sec-Butylbenzene	U		25.3	125	250	06/03/2024 13:57	WG2297221
tert-Butylbenzene	U		15.5	50.0	250	06/03/2024 13:57	WG2297221
Carbon tetrachloride	U		10.8	50.0	250	06/03/2024 13:57	WG2297221
Chlorobenzene	U		5.73	25.0	250	06/03/2024 13:57	WG2297221
Chlorodibromomethane	U		4.50	25.0	250	06/03/2024 13:57	WG2297221
Chloroethane	U	C3	10.8	50.0	250	06/03/2024 13:57	WG2297221
Chloroform	U		4.15	25.0	250	06/03/2024 13:57	WG2297221
Chloromethane	U		13.9	125	250	06/03/2024 13:57	WG2297221
2-Chlorotoluene	U		9.20	25.0	250	06/03/2024 13:57	WG2297221
4-Chlorotoluene	U		11.3	50.0	250	06/03/2024 13:57	WG2297221
1,2-Dibromo-3-Chloropropane	U		51.0	250	250	06/03/2024 13:57	WG2297221
1,2-Dibromoethane	U		5.25	25.0	250	06/03/2024 13:57	WG2297221
Dibromomethane	U		10.0	50.0	250	06/03/2024 13:57	WG2297221
1,2-Dichlorobenzene	U		14.5	50.0	250	06/03/2024 13:57	WG2297221
1,3-Dichlorobenzene	U		17.0	50.0	250	06/03/2024 13:57	WG2297221
1,4-Dichlorobenzene	U		19.7	50.0	250	06/03/2024 13:57	WG2297221
Dichlorodifluoromethane	U		8.18	50.0	250	06/03/2024 13:57	WG2297221
1,1-Dichloroethane	U		5.75	25.0	250	06/03/2024 13:57	WG2297221
1,2-Dichloroethane	U		4.75	25.0	250	06/03/2024 13:57	WG2297221
1,1-Dichloroethene	70.7		5.00	25.0	250	06/03/2024 13:57	WG2297221
cis-1,2-Dichloroethene	7000		6.90	25.0	250	06/03/2024 13:57	WG2297221
trans-1,2-Dichloroethene	19.8	J	14.3	50.0	250	06/03/2024 13:57	WG2297221
1,2-Dichloropropane	U		12.7	50.0	250	06/03/2024 13:57	WG2297221

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloropropene	U		7.00	25.0	250	06/03/2024 13:57	WG2297221
1,3-Dichloropropane	U		17.5	50.0	250	06/03/2024 13:57	WG2297221
cis-1,3-Dichloropropene	U		6.78	25.0	250	06/03/2024 13:57	WG2297221
trans-1,3-Dichloropropene	U		15.3	50.0	250	06/03/2024 13:57	WG2297221
2,2-Dichloropropane	U		7.93	25.0	250	06/03/2024 13:57	WG2297221
Di-isopropyl ether	U		3.50	10.0	250	06/03/2024 13:57	WG2297221
Ethylbenzene	U		5.30	25.0	250	06/03/2024 13:57	WG2297221
Hexachloro-1,3-butadiene	U	J3	127	250	250	06/03/2024 13:57	WG2297221
Isopropylbenzene	U		8.63	25.0	250	06/03/2024 13:57	WG2297221
p-Isopropyltoluene	U		23.3	50.0	250	06/03/2024 13:57	WG2297221
2-Butanone (MEK)	U		125	250	250	06/03/2024 13:57	WG2297221
Methylene Chloride	U		66.3	250	250	06/03/2024 13:57	WG2297221
4-Methyl-2-pentanone (MIBK)	U		100	250	250	06/03/2024 13:57	WG2297221
Methyl tert-butyl ether	U		2.95	10.0	250	06/03/2024 13:57	WG2297221
Naphthalene	U	J3	31.0	125	250	06/03/2024 13:57	WG2297221
n-Propylbenzene	U		11.8	50.0	250	06/03/2024 13:57	WG2297221
Styrene	U		27.3	125	250	06/03/2024 13:57	WG2297221
1,1,1,2-Tetrachloroethane	U		5.00	25.0	250	06/03/2024 13:57	WG2297221
1,1,2,2-Tetrachloroethane	U		3.90	25.0	250	06/03/2024 13:57	WG2297221
1,1,2-Trichlorotrifluoroethane	U		6.75	25.0	250	06/03/2024 13:57	WG2297221
Tetrachloroethene	60.3		7.00	25.0	250	06/03/2024 13:57	WG2297221
Toluene	U		12.5	50.0	250	06/03/2024 13:57	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	6.25	125	250	06/03/2024 13:57	WG2297221
1,2,4-Trichlorobenzene	U	J3	48.3	125	250	06/03/2024 13:57	WG2297221
1,1,1-Trichloroethane	U		2.75	25.0	250	06/03/2024 13:57	WG2297221
1,1,2-Trichloroethane	U		8.83	25.0	250	06/03/2024 13:57	WG2297221
Trichloroethene	211		4.00	10.0	250	06/03/2024 13:57	WG2297221
Trichlorofluoromethane	U	C3	5.00	25.0	250	06/03/2024 13:57	WG2297221
1,2,3-Trichloropropane	U		51.0	125	250	06/03/2024 13:57	WG2297221
1,2,4-Trimethylbenzene	U		11.6	50.0	250	06/03/2024 13:57	WG2297221
1,2,3-Trimethylbenzene	U		11.5	50.0	250	06/03/2024 13:57	WG2297221
1,3,5-Trimethylbenzene	U		10.8	50.0	250	06/03/2024 13:57	WG2297221
Vinyl chloride	2250		6.82	25.0	250	06/03/2024 13:57	WG2297221
Xylenes, Total	U		47.8	65.0	250	06/03/2024 13:57	WG2297221
Ethyl Ether	U		4.25	25.0	250	06/03/2024 13:57	WG2297221
Tetrahydrofuran	U		22.5	125	250	06/03/2024 13:57	WG2297221
Iodomethane	U		60.5	125	250	06/03/2024 13:57	WG2297221
Allyl chloride	U		145	250	250	06/03/2024 13:57	WG2297221
Trans-1,4-Dichloro-2-butene	U	C3 J3	14.0	50.0	250	06/03/2024 13:57	WG2297221
(S) Toluene-d8	101			75.0-131		06/03/2024 13:57	WG2297221
(S) 4-Bromofluorobenzene	98.6			67.0-138		06/03/2024 13:57	WG2297221
(S) 1,2-Dichloroethane-d4	93.3			70.0-130		06/03/2024 13:57	WG2297221

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 date / time	Batch
Sulfate	24000		594	5000	1	06/19/2024 17:05	WG2306750

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	6860		102	1000	1	06/14/2024 21:24	WG2305123

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	3580		28.1	100	1	06/26/2024 19:28	WG2298963
Manganese	1800		0.704	5.00	1	06/26/2024 19:28	WG2298963

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	11100		2.87	6.78	10	06/03/2024 16:15	WG2297638
Ethane	17.1		0.296	1.29	1	06/03/2024 12:17	WG2296812
Ethene	11.5		0.422	1.27	1	06/03/2024 12:17	WG2296812

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	18.0	J	13.7	25.0	25	06/06/2024 00:11	WG2298944
Acrylonitrile	U		1.90	12.5	25	06/06/2024 00:11	WG2298944
Benzene	U		0.400	1.00	25	06/06/2024 00:11	WG2298944
Bromobenzene	U		1.05	12.5	25	06/06/2024 00:11	WG2298944
Bromodichloromethane	U		0.788	2.50	25	06/06/2024 00:11	WG2298944
Bromoform	U		5.98	25.0	25	06/06/2024 00:11	WG2298944
Bromomethane	U		3.70	12.5	25	06/06/2024 00:11	WG2298944
n-Butylbenzene	U		3.83	12.5	25	06/06/2024 00:11	WG2298944
sec-Butylbenzene	U		2.53	12.5	25	06/06/2024 00:11	WG2298944
tert-Butylbenzene	U		1.55	5.00	25	06/06/2024 00:11	WG2298944
Carbon tetrachloride	U		1.08	5.00	25	06/06/2024 00:11	WG2298944
Chlorobenzene	U		0.573	2.50	25	06/06/2024 00:11	WG2298944
Chlorodibromomethane	U		0.450	2.50	25	06/06/2024 00:11	WG2298944
Chloroethane	U		1.08	5.00	25	06/06/2024 00:11	WG2298944
Chloroform	U		0.415	2.50	25	06/06/2024 00:11	WG2298944
Chloromethane	U		1.39	12.5	25	06/06/2024 00:11	WG2298944
2-Chlorotoluene	U		0.920	2.50	25	06/06/2024 00:11	WG2298944
4-Chlorotoluene	U		1.13	5.00	25	06/06/2024 00:11	WG2298944
1,2-Dibromo-3-Chloropropane	U		5.10	25.0	25	06/06/2024 00:11	WG2298944
1,2-Dibromoethane	U		0.525	2.50	25	06/06/2024 00:11	WG2298944
Dibromomethane	U		1.00	5.00	25	06/06/2024 00:11	WG2298944
1,2-Dichlorobenzene	U		1.45	5.00	25	06/06/2024 00:11	WG2298944
1,3-Dichlorobenzene	U		1.70	5.00	25	06/06/2024 00:11	WG2298944
1,4-Dichlorobenzene	U		1.97	5.00	25	06/06/2024 00:11	WG2298944
Dichlorodifluoromethane	U		0.818	5.00	25	06/06/2024 00:11	WG2298944
1,1-Dichloroethane	U		0.575	2.50	25	06/06/2024 00:11	WG2298944
1,2-Dichloroethane	U		0.475	2.50	25	06/06/2024 00:11	WG2298944
1,1-Dichloroethene	38.1		0.500	2.50	25	06/06/2024 00:11	WG2298944
cis-1,2-Dichloroethene	1270		0.690	2.50	25	06/06/2024 00:11	WG2298944
trans-1,2-Dichloroethene	25.3		1.43	5.00	25	06/06/2024 00:11	WG2298944
1,2-Dichloropropane	U		1.27	5.00	25	06/06/2024 00:11	WG2298944

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloropropene	U		0.700	2.50	25	06/06/2024 00:11	WG2298944
1,3-Dichloropropane	U		1.75	5.00	25	06/06/2024 00:11	WG2298944
cis-1,3-Dichloropropene	U		0.678	2.50	25	06/06/2024 00:11	WG2298944
trans-1,3-Dichloropropene	U		1.53	5.00	25	06/06/2024 00:11	WG2298944
2,2-Dichloropropane	U		0.793	2.50	25	06/06/2024 00:11	WG2298944
Di-isopropyl ether	U		0.350	1.00	25	06/06/2024 00:11	WG2298944
Ethylbenzene	U		0.530	2.50	25	06/06/2024 00:11	WG2298944
Hexachloro-1,3-butadiene	U		12.7	25.0	25	06/06/2024 00:11	WG2298944
Isopropylbenzene	U		0.863	2.50	25	06/06/2024 00:11	WG2298944
p-Isopropyltoluene	U		2.33	5.00	25	06/06/2024 00:11	WG2298944
2-Butanone (MEK)	U		12.5	25.0	25	06/06/2024 00:11	WG2298944
Methylene Chloride	U		6.63	25.0	25	06/06/2024 00:11	WG2298944
4-Methyl-2-pentanone (MIBK)	U		10.0	25.0	25	06/06/2024 00:11	WG2298944
Methyl tert-butyl ether	U		0.295	1.00	25	06/06/2024 00:11	WG2298944
Naphthalene	U		3.10	12.5	25	06/06/2024 00:11	WG2298944
n-Propylbenzene	U		1.18	5.00	25	06/06/2024 00:11	WG2298944
Styrene	U		2.73	12.5	25	06/06/2024 00:11	WG2298944
1,1,1,2-Tetrachloroethane	U		0.500	2.50	25	06/06/2024 00:11	WG2298944
1,1,2,2-Tetrachloroethane	U		0.390	2.50	25	06/06/2024 00:11	WG2298944
1,1,2-Trichlorotrifluoroethane	U		0.675	2.50	25	06/06/2024 00:11	WG2298944
Tetrachloroethene	116		0.700	2.50	25	06/06/2024 00:11	WG2298944
Toluene	U		1.25	5.00	25	06/06/2024 00:11	WG2298944
1,2,3-Trichlorobenzene	U		0.625	12.5	25	06/06/2024 00:11	WG2298944
1,2,4-Trichlorobenzene	U		4.83	12.5	25	06/06/2024 00:11	WG2298944
1,1,1-Trichloroethane	U		0.275	2.50	25	06/06/2024 00:11	WG2298944
1,1,2-Trichloroethane	U		0.883	2.50	25	06/06/2024 00:11	WG2298944
Trichloroethene	526		0.400	1.00	25	06/06/2024 00:11	WG2298944
Trichlorofluoromethane	U		0.500	2.50	25	06/06/2024 00:11	WG2298944
1,2,3-Trichloropropane	U		5.10	12.5	25	06/06/2024 00:11	WG2298944
1,2,4-Trimethylbenzene	U		1.16	5.00	25	06/06/2024 00:11	WG2298944
1,2,3-Trimethylbenzene	U		1.15	5.00	25	06/06/2024 00:11	WG2298944
1,3,5-Trimethylbenzene	U		1.08	5.00	25	06/06/2024 00:11	WG2298944
Vinyl chloride	22.6	C5	0.682	2.50	25	06/06/2024 00:11	WG2298944
Xylenes, Total	U		4.78	6.50	25	06/06/2024 00:11	WG2298944
Ethyl Ether	U		0.425	2.50	25	06/06/2024 00:11	WG2298944
Tetrahydrofuran	U		2.25	12.5	25	06/06/2024 00:11	WG2298944
Iodomethane	U		6.05	12.5	25	06/06/2024 00:11	WG2298944
Allyl chloride	U		14.5	25.0	25	06/06/2024 00:11	WG2298944
Trans-1,4-Dichloro-2-butene	U		1.40	5.00	25	06/06/2024 00:11	WG2298944
(S) Toluene-d8	98.5			75.0-131		06/06/2024 00:11	WG2298944
(S) 4-Bromofluorobenzene	99.3			67.0-138		06/06/2024 00:11	WG2298944
(S) 1,2-Dichloroethane-d4	96.5			70.0-130		06/06/2024 00:11	WG2298944

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

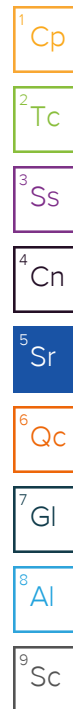
7Gl

8Al

9Sc

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	06/03/2024 09:28	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 09:28	WG2297221
Benzene	1.51		0.0160	0.0400	1	06/03/2024 09:28	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 09:28	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 09:28	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 09:28	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 09:28	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 09:28	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 09:28	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 09:28	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 09:28	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 09:28	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 09:28	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 09:28	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 09:28	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 09:28	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 09:28	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 09:28	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 09:28	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 09:28	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 09:28	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 09:28	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 09:28	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 09:28	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 09:28	WG2297221
1,1-Dichloroethane	0.0240	J	0.0230	0.100	1	06/03/2024 09:28	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 09:28	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 09:28	WG2297221
cis-1,2-Dichloroethene	6.77		0.0276	0.100	1	06/03/2024 09:28	WG2297221
trans-1,2-Dichloroethene	0.0690	J	0.0572	0.200	1	06/03/2024 09:28	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 09:28	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 09:28	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 09:28	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 09:28	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 09:28	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 09:28	WG2297221
Di-isopropyl ether	0.122		0.0140	0.0400	1	06/03/2024 09:28	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 09:28	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 09:28	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 09:28	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 09:28	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 09:28	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 09:28	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 09:28	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 09:28	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 09:28	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 09:28	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 09:28	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 09:28	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 09:28	WG2297221
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 09:28	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 09:28	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 09:28	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 09:28	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 09:28	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 09:28	WG2297221



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 09:28	WG2297221
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 09:28	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 09:28	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 09:28	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 09:28	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 09:28	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 09:28	WG2297221
Vinyl chloride	4.72		0.0273	0.100	1	06/03/2024 09:28	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 09:28	WG2297221
Ethyl Ether	0.0440	J	0.0170	0.100	1	06/03/2024 09:28	WG2297221
Tetrahydrofuran	U		0.0900	0.500	1	06/03/2024 09:28	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 09:28	WG2297221
Allyl chloride	U		0.580	1.00	1	06/03/2024 09:28	WG2297221
Trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 09:28	WG2297221
(S) Toluene-d8	101			75.0-131		06/03/2024 09:28	WG2297221
(S) 4-Bromofluorobenzene	96.4			67.0-138		06/03/2024 09:28	WG2297221
(S) 1,2-Dichloroethane-d4	97.4			70.0-130		06/03/2024 09:28	WG2297221

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/03/2024 09:47	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 09:47	WG2297221
Benzene	0.0750		0.0160	0.0400	1	06/03/2024 09:47	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 09:47	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 09:47	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 09:47	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 09:47	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 09:47	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 09:47	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 09:47	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 09:47	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 09:47	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 09:47	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 09:47	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 09:47	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 09:47	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 09:47	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 09:47	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 09:47	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 09:47	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 09:47	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 09:47	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 09:47	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 09:47	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 09:47	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 09:47	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 09:47	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 09:47	WG2297221
cis-1,2-Dichloroethene	2.56		0.0276	0.100	1	06/03/2024 09:47	WG2297221
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 09:47	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 09:47	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 09:47	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 09:47	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 09:47	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 09:47	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 09:47	WG2297221
Di-isopropyl ether	0.0880		0.0140	0.0400	1	06/03/2024 09:47	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 09:47	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 09:47	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 09:47	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 09:47	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 09:47	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 09:47	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 09:47	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 09:47	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 09:47	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 09:47	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 09:47	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 09:47	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 09:47	WG2297221
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 09:47	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 09:47	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 09:47	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 09:47	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 09:47	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 09:47	WG2297221

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 09:47	WG2297221
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 09:47	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 09:47	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 09:47	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 09:47	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 09:47	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 09:47	WG2297221
Vinyl chloride	4.20		0.0273	0.100	1	06/03/2024 09:47	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 09:47	WG2297221
Ethyl Ether	0.0390	J	0.0170	0.100	1	06/03/2024 09:47	WG2297221
Tetrahydrofuran	U		0.0900	0.500	1	06/03/2024 09:47	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 09:47	WG2297221
Allyl chloride	U		0.580	1.00	1	06/03/2024 09:47	WG2297221
Trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 09:47	WG2297221
(S) Toluene-d8	98.3			75.0-131		06/03/2024 09:47	WG2297221
(S) 4-Bromofluorobenzene	97.6			67.0-138		06/03/2024 09:47	WG2297221
(S) 1,2-Dichloroethane-d4	96.9			70.0-130		06/03/2024 09:47	WG2297221

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

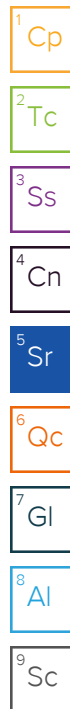
7Gl

8Al

9Sc

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	06/03/2024 10:06	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 10:06	WG2297221
Benzene	U		0.0160	0.0400	1	06/03/2024 10:06	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 10:06	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 10:06	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 10:06	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 10:06	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 10:06	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 10:06	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 10:06	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 10:06	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 10:06	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 10:06	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 10:06	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 10:06	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 10:06	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 10:06	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 10:06	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 10:06	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 10:06	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 10:06	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 10:06	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 10:06	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 10:06	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 10:06	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 10:06	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 10:06	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 10:06	WG2297221
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/03/2024 10:06	WG2297221
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 10:06	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 10:06	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 10:06	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 10:06	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 10:06	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 10:06	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 10:06	WG2297221
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 10:06	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 10:06	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 10:06	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 10:06	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 10:06	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 10:06	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 10:06	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 10:06	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 10:06	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 10:06	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 10:06	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 10:06	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 10:06	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 10:06	WG2297221
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 10:06	WG2297221
Tetrachloroethene	0.0420	J	0.0280	0.100	1	06/03/2024 10:06	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 10:06	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 10:06	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 10:06	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 10:06	WG2297221



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 10:06	WG2297221
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 10:06	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 10:06	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 10:06	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 10:06	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 10:06	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 10:06	WG2297221
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 10:06	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 10:06	WG2297221
Ethyl Ether	U		0.0170	0.100	1	06/03/2024 10:06	WG2297221
Tetrahydrofuran	U		0.0900	0.500	1	06/03/2024 10:06	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 10:06	WG2297221
Allyl chloride	U		0.580	1.00	1	06/03/2024 10:06	WG2297221
Trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 10:06	WG2297221
(S) Toluene-d8	101			75.0-131		06/03/2024 10:06	WG2297221
(S) 4-Bromofluorobenzene	94.8			67.0-138		06/03/2024 10:06	WG2297221
(S) 1,2-Dichloroethane-d4	96.6			70.0-130		06/03/2024 10:06	WG2297221

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

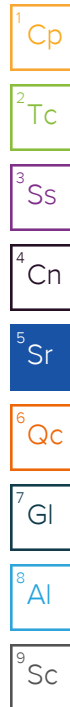
7Gl

8Al

9Sc

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	0.679	J	0.548	1.00	1	06/05/2024 23:27	WG2298944
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 23:27	WG2298944
Benzene	0.0210	J	0.0160	0.0400	1	06/05/2024 23:27	WG2298944
Bromobenzene	U		0.0420	0.500	1	06/05/2024 23:27	WG2298944
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 23:27	WG2298944
Bromoform	U		0.239	1.00	1	06/05/2024 23:27	WG2298944
Bromomethane	U		0.148	0.500	1	06/05/2024 23:27	WG2298944
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 23:27	WG2298944
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 23:27	WG2298944
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 23:27	WG2298944
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 23:27	WG2298944
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 23:27	WG2298944
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 23:27	WG2298944
Chloroethane	U		0.0432	0.200	1	06/05/2024 23:27	WG2298944
Chloroform	U		0.0166	0.100	1	06/05/2024 23:27	WG2298944
Chloromethane	U		0.0556	0.500	1	06/05/2024 23:27	WG2298944
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 23:27	WG2298944
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 23:27	WG2298944
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 23:27	WG2298944
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 23:27	WG2298944
Dibromomethane	U		0.0400	0.200	1	06/05/2024 23:27	WG2298944
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 23:27	WG2298944
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 23:27	WG2298944
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 23:27	WG2298944
Dichlorodifluoromethane	U		0.0327	0.200	1	06/05/2024 23:27	WG2298944
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 23:27	WG2298944
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 23:27	WG2298944
1,1-Dichloroethene	0.101		0.0200	0.100	1	06/05/2024 23:27	WG2298944
cis-1,2-Dichloroethene	58.4		0.0276	0.100	1	06/05/2024 23:27	WG2298944
trans-1,2-Dichloroethene	0.501		0.0572	0.200	1	06/05/2024 23:27	WG2298944
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 23:27	WG2298944
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 23:27	WG2298944
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 23:27	WG2298944
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 23:27	WG2298944
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 23:27	WG2298944
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 23:27	WG2298944
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 23:27	WG2298944
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 23:27	WG2298944
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 23:27	WG2298944
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 23:27	WG2298944
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 23:27	WG2298944
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 23:27	WG2298944
Methylene Chloride	U		0.265	1.00	1	06/05/2024 23:27	WG2298944
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 23:27	WG2298944
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 23:27	WG2298944
Naphthalene	U		0.124	0.500	1	06/05/2024 23:27	WG2298944
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 23:27	WG2298944
Styrene	U		0.109	0.500	1	06/05/2024 23:27	WG2298944
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 23:27	WG2298944
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 23:27	WG2298944
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 23:27	WG2298944
Tetrachloroethene	2.13		0.0280	0.100	1	06/05/2024 23:27	WG2298944
Toluene	U		0.0500	0.200	1	06/05/2024 23:27	WG2298944
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 23:27	WG2298944
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 23:27	WG2298944
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 23:27	WG2298944



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 23:27	WG2298944
Trichloroethene	6.50		0.0160	0.0400	1	06/05/2024 23:27	WG2298944
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 23:27	WG2298944
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 23:27	WG2298944
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/05/2024 23:27	WG2298944
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 23:27	WG2298944
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 23:27	WG2298944
Vinyl chloride	0.148	C5	0.0273	0.100	1	06/05/2024 23:27	WG2298944
Xylenes, Total	U		0.191	0.260	1	06/05/2024 23:27	WG2298944
Ethyl Ether	U		0.0170	0.100	1	06/05/2024 23:27	WG2298944
Tetrahydrofuran	U		0.0900	0.500	1	06/05/2024 23:27	WG2298944
Iodomethane	U		0.242	0.500	1	06/05/2024 23:27	WG2298944
Allyl chloride	U		0.580	1.00	1	06/05/2024 23:27	WG2298944
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 23:27	WG2298944
(S) Toluene-d8	99.3			75.0-131		06/05/2024 23:27	WG2298944
(S) 4-Bromofluorobenzene	106			67.0-138		06/05/2024 23:27	WG2298944
(S) 1,2-Dichloroethane-d4	96.9			70.0-130		06/05/2024 23:27	WG2298944

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/03/2024 10:25	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 10:25	WG2297221
Benzene	U		0.0160	0.0400	1	06/03/2024 10:25	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 10:25	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 10:25	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 10:25	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 10:25	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 10:25	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 10:25	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 10:25	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 10:25	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 10:25	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 10:25	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 10:25	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 10:25	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 10:25	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 10:25	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 10:25	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 10:25	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 10:25	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 10:25	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 10:25	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 10:25	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 10:25	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 10:25	WG2297221
1,1-Dichloroethane	0.0410	J	0.0230	0.100	1	06/03/2024 10:25	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 10:25	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 10:25	WG2297221
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/03/2024 10:25	WG2297221
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 10:25	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 10:25	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 10:25	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 10:25	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 10:25	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 10:25	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 10:25	WG2297221
Di-isopropyl ether	0.0870		0.0140	0.0400	1	06/03/2024 10:25	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 10:25	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 10:25	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 10:25	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 10:25	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 10:25	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 10:25	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 10:25	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 10:25	WG2297221
Naphthalene	0.214	J J3	0.124	0.500	1	06/03/2024 10:25	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 10:25	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 10:25	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 10:25	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 10:25	WG2297221
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 10:25	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 10:25	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 10:25	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 10:25	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 10:25	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 10:25	WG2297221

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 10:25	WG2297221
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 10:25	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 10:25	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 10:25	WG2297221
1,2,4-Trimethylbenzene	0.0840	J	0.0464	0.200	1	06/03/2024 10:25	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 10:25	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 10:25	WG2297221
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 10:25	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 10:25	WG2297221
Ethyl Ether	U		0.0170	0.100	1	06/03/2024 10:25	WG2297221
Tetrahydrofuran	0.264	J	0.0900	0.500	1	06/03/2024 10:25	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 10:25	WG2297221
Allyl chloride	U		0.580	1.00	1	06/03/2024 10:25	WG2297221
Trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 10:25	WG2297221
(S) Toluene-d8	103			75.0-131		06/03/2024 10:25	WG2297221
(S) 4-Bromofluorobenzene	96.9			67.0-138		06/03/2024 10:25	WG2297221
(S) 1,2-Dichloroethane-d4	100			70.0-130		06/03/2024 10:25	WG2297221

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	06/03/2024 10:45	WG2297221
Acrylonitrile	3.11	C5	0.0760	0.500	1	06/03/2024 10:45	WG2297221
Benzene	0.0190	J	0.0160	0.0400	1	06/03/2024 10:45	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 10:45	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 10:45	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 10:45	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 10:45	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 10:45	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 10:45	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 10:45	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 10:45	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 10:45	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 10:45	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 10:45	WG2297221
Chloroform	0.0500	J	0.0166	0.100	1	06/03/2024 10:45	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 10:45	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 10:45	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 10:45	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 10:45	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 10:45	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 10:45	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 10:45	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 10:45	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 10:45	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 10:45	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 10:45	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 10:45	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 10:45	WG2297221
cis-1,2-Dichloroethene	0.577		0.0276	0.100	1	06/03/2024 10:45	WG2297221
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 10:45	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 10:45	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 10:45	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 10:45	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 10:45	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 10:45	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 10:45	WG2297221
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 10:45	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 10:45	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 10:45	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 10:45	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 10:45	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 10:45	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 10:45	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 10:45	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 10:45	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 10:45	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 10:45	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 10:45	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 10:45	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 10:45	WG2297221
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 10:45	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 10:45	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 10:45	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 10:45	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 10:45	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 10:45	WG2297221

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 10:45	WG2297221
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 10:45	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 10:45	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 10:45	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 10:45	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 10:45	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 10:45	WG2297221
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 10:45	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 10:45	WG2297221
Ethyl Ether	U		0.0170	0.100	1	06/03/2024 10:45	WG2297221
Tetrahydrofuran	0.154	J	0.0900	0.500	1	06/03/2024 10:45	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 10:45	WG2297221
Allyl chloride	U		0.580	1.00	1	06/03/2024 10:45	WG2297221
Trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 10:45	WG2297221
(S) Toluene-d8	99.7			75.0-131		06/03/2024 10:45	WG2297221
(S) 4-Bromofluorobenzene	98.9			67.0-138		06/03/2024 10:45	WG2297221
(S) 1,2-Dichloroethane-d4	95.9			70.0-130		06/03/2024 10:45	WG2297221

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4084280-1 06/19/24 09:50

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

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1740757-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1740757-01 06/19/24 12:40 • (DUP) R4084280-6 06/19/24 12:53

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	291000	296000	5	1.58		15

L1740908-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1740908-05 06/19/24 21:47 • (DUP) R4084280-7 06/19/24 22:00

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	3820	3770	1	1.30	⬇	15

Laboratory Control Sample (LCS)

(LCS) R4084280-2 06/19/24 10:03

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	38000	95.1	80.0-120	

L1740908-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1740908-05 06/19/24 21:47 • (MS) R4084280-8 06/19/24 22:14

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Sulfate	40000	3820	42500	96.7	1	80.0-120	

Method Blank (MB)

(MB) R4082363-2 06/14/24 17:09

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

L1740722-12 Original Sample (OS) • Duplicate (DUP)

(OS) L1740722-12 06/14/24 17:39 • (DUP) R4082363-3 06/14/24 18:01

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	26000	26100	1	0.346		20

L1740927-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1740927-02 06/14/24 22:39 • (DUP) R4082363-6 06/14/24 22:57

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	2050	2100	1	2.84		20

Laboratory Control Sample (LCS)

(LCS) R4082363-1 06/14/24 16:53

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	24100	96.5	85.0-115	

L1740722-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740722-13 06/14/24 18:21 • (MS) R4082363-4 06/14/24 18:43 • (MSD) R4082363-5 06/14/24 19:05

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	7040	31800	32200	99.2	100	1	85.0-115			0.969	20

L1740944-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740944-01 06/14/24 23:15 • (MS) R4082363-7 06/14/24 23:37 • (MSD) R4082363-8 06/14/24 23:58

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	925	26300	26200	102	101	1	85.0-115			0.305	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4086928-1 06/26/24 17:53

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) R4086928-2 06/26/24 17:56

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	ug/l	ug/l	%	%	
Iron	1000	981	98.1	80.0-120	
Manganese	50.0	49.5	99.0	80.0-120	

L1740742-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740742-01 06/26/24 18:00 • (MS) R4086928-4 06/26/24 18:06 • (MSD) R4086928-5 06/26/24 18:10

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	1000		1310	1470	107	123	1	75.0-125			11.4	20
Manganese	50.0		78.5	77.4	99.5	97.2	1	75.0-125			1.49	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4076554-2 06/03/24 10:55

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

L1740728-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1740728-10 06/03/24 11:17 • (DUP) R4076554-3 06/03/24 11:46

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	2300	2300	1	0.000		20
Ethane	U	U	1	0.000		20
Ethene	U	U	1	0.000		20

L1740767-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1740767-01 06/03/24 12:24 • (DUP) R4076554-4 06/03/24 13:35

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Methane	61.5	66.4	1	7.66		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) R4076554-1 06/03/24 10:51 • (LCSD) R4076554-7 06/03/24 14:02

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	63.1	68.1	93.1	100	85.0-115			7.62	20
Ethane	129	122	123	94.6	95.3	85.0-115			0.816	20
Ethene	127	123	122	96.9	96.1	85.0-115			0.816	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1740600-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740600-06 06/03/24 10:58 • (MS) R4076554-5 06/03/24 13:48 • (MSD) R4076554-6 06/03/24 13:55

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 %
Methane	67.8	2910	3090	2960	265	73.7	1	85.0-115	V	V	4.30	20
Ethane	129	4.84	169	155	127	116	1	85.0-115	J5	J5	8.64	20
Ethene	127	27.9	192	177	129	117	1	85.0-115	J5	J5	8.13	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4076675-2 06/03/24 15:34

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

L1740728-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1740728-06 06/03/24 15:40 • (DUP) R4076675-3 06/03/24 16:53

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	10700	10800	10	0.930		20

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

(LCS) R4076675-1 06/03/24 15:32 • (LCSD) R4076675-4 06/03/24 17:15

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	66.5	59.6	98.1	87.9	85.0-115			10.9	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4076931-3 06/03/24 07:52

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
Dichlorodifluoromethane	U		0.0327	0.200
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
Hexachloro-1,3-butadiene	U		0.508	1.00
Isopropylbenzene	U		0.0345	0.100

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4076931-3 06/03/24 07:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	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
Ethyl Ether	U		0.0170	0.100
Tetrahydrofuran	U		0.0900	0.500
Iodomethane	U		0.242	0.500
Allyl chloride	U		0.580	1.00
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200
(S) Toluene-d8	102			75.0-131
(S) 4-Bromofluorobenzene	97.4			67.0-138
(S) 1,2-Dichloroethane-d4	97.8			70.0-130

1
Cp

2
Tc

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Ss

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Cn

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Sr

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Qc

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Gl

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Al

9
Sc

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

(LCS) R4076931-1 06/03/24 06:35 • (LCSD) R4076931-2 06/03/24 06:54

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	26.3	28.2	105	113	10.0-160			6.97	31
Acrylonitrile	25.0	33.7	29.5	135	118	45.0-153			13.3	22
Benzene	5.00	4.90	4.80	98.0	96.0	70.0-123			2.06	20
Bromobenzene	5.00	4.35	4.77	87.0	95.4	73.0-121			9.21	20
Bromodichloromethane	5.00	4.72	4.45	94.4	89.0	73.0-121			5.89	20
Bromoform	5.00	4.08	4.11	81.6	82.2	64.0-132			0.733	20
Bromomethane	5.00	2.70	3.24	54.0	64.8	56.0-147	J4		18.2	20
n-Butylbenzene	5.00	5.87	5.00	117	100	68.0-135			16.0	20
sec-Butylbenzene	5.00	5.69	5.48	114	110	74.0-130			3.76	20
tert-Butylbenzene	5.00	5.44	5.32	109	106	75.0-127			2.23	20
Carbon tetrachloride	5.00	4.82	4.95	96.4	99.0	66.0-128			2.66	20
Chlorobenzene	5.00	4.72	4.60	94.4	92.0	76.0-128			2.58	20
Chlorodibromomethane	5.00	4.29	4.29	85.8	85.8	74.0-127			0.000	20
Chloroethane	5.00	3.42	4.07	68.4	81.4	61.0-134			17.4	20
Chloroform	5.00	4.67	4.63	93.4	92.6	72.0-123			0.860	20
Chloromethane	5.00	5.29	4.93	106	98.6	51.0-138			7.05	20
2-Chlorotoluene	5.00	4.66	4.85	93.2	97.0	75.0-124			4.00	20
4-Chlorotoluene	5.00	4.83	5.03	96.6	101	75.0-124			4.06	20
1,2-Dibromo-3-Chloropropane	5.00	5.06	4.45	101	89.0	59.0-130			12.8	20
1,2-Dibromoethane	5.00	4.71	4.59	94.2	91.8	74.0-128			2.58	20
Dibromomethane	5.00	4.35	4.21	87.0	84.2	75.0-122			3.27	20
1,2-Dichlorobenzene	5.00	5.06	4.79	101	95.8	76.0-124			5.48	20
1,3-Dichlorobenzene	5.00	4.89	4.81	97.8	96.2	76.0-125			1.65	20
1,4-Dichlorobenzene	5.00	4.55	4.71	91.0	94.2	77.0-121			3.46	20
Dichlorodifluoromethane	5.00	6.87	6.48	137	130	43.0-156			5.84	20
1,1-Dichloroethane	5.00	5.19	5.30	104	106	70.0-127			2.10	20
1,2-Dichloroethane	5.00	5.07	4.72	101	94.4	65.0-131			7.15	20
1,1-Dichloroethene	5.00	6.00	5.53	120	111	65.0-131			8.15	20
cis-1,2-Dichloroethene	5.00	4.51	4.59	90.2	91.8	73.0-125			1.76	20
trans-1,2-Dichloroethene	5.00	4.56	4.67	91.2	93.4	71.0-125			2.38	20
1,2-Dichloropropane	5.00	5.46	5.30	109	106	74.0-125			2.97	20
1,1-Dichloropropene	5.00	5.55	5.10	111	102	73.0-125			8.45	20
1,3-Dichloropropane	5.00	4.71	4.74	94.2	94.8	80.0-125			0.635	20
cis-1,3-Dichloropropene	5.00	5.11	4.97	102	99.4	76.0-127			2.78	20
trans-1,3-Dichloropropene	5.00	4.96	4.68	99.2	93.6	73.0-127			5.81	20
2,2-Dichloropropane	5.00	4.57	4.61	91.4	92.2	59.0-135			0.871	20
Di-isopropyl ether	5.00	5.86	5.89	117	118	60.0-136			0.511	20
Ethylbenzene	5.00	4.84	4.94	96.8	98.8	74.0-126			2.04	20
Hexachloro-1,3-butadiene	5.00	6.53	4.91	131	98.2	57.0-150		J3	28.3	20
Isopropylbenzene	5.00	5.58	5.12	112	102	72.0-127			8.60	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4076931-1 06/03/24 06:35 • (LCSD) R4076931-2 06/03/24 06:54

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 %
p-Isopropyltoluene	5.00	5.59	5.27	112	105	72.0-133			5.89	20
2-Butanone (MEK)	25.0	35.6	30.6	142	122	30.0-160			15.1	24
Methylene Chloride	5.00	4.58	5.01	91.6	100	68.0-123			8.97	20
4-Methyl-2-pentanone (MIBK)	25.0	29.9	29.5	120	118	56.0-143			1.35	20
Methyl tert-butyl ether	5.00	4.81	5.14	96.2	103	66.0-132			6.63	20
Naphthalene	5.00	5.07	3.79	101	75.8	59.0-130		J3	28.9	20
n-Propylbenzene	5.00	5.24	5.36	105	107	74.0-126			2.26	20
Styrene	5.00	5.03	4.78	101	95.6	72.0-127			5.10	20
1,1,1,2-Tetrachloroethane	5.00	4.84	4.63	96.8	92.6	74.0-129			4.44	20
1,1,2,2-Tetrachloroethane	5.00	4.57	4.80	91.4	96.0	68.0-128			4.91	20
1,1,2-Trichlorotrifluoroethane	5.00	5.77	5.53	115	111	61.0-139			4.25	20
Tetrachloroethene	5.00	4.94	4.76	98.8	95.2	70.0-136			3.71	20
Toluene	5.00	4.70	4.66	94.0	93.2	75.0-121			0.855	20
1,2,3-Trichlorobenzene	5.00	7.20	5.03	144	101	59.0-139	J4	J3	35.5	20
1,2,4-Trichlorobenzene	5.00	5.30	3.88	106	77.6	62.0-137		J3	30.9	20
1,1,1-Trichloroethane	5.00	5.30	5.12	106	102	69.0-126			3.45	20
1,1,2-Trichloroethane	5.00	4.58	4.42	91.6	88.4	78.0-123			3.56	20
Trichloroethene	5.00	5.20	4.95	104	99.0	76.0-126			4.93	20
Trichlorofluoromethane	5.00	3.67	3.92	73.4	78.4	61.0-142			6.59	20
1,2,3-Trichloropropane	5.00	4.29	4.44	85.8	88.8	67.0-129			3.44	20
1,2,4-Trimethylbenzene	5.00	5.45	5.34	109	107	70.0-126			2.04	20
1,2,3-Trimethylbenzene	5.00	5.15	4.92	103	98.4	74.0-124			4.57	20
1,3,5-Trimethylbenzene	5.00	5.35	5.28	107	106	73.0-127			1.32	20
Vinyl chloride	5.00	5.02	4.36	100	87.2	63.0-134			14.1	20
Xylenes, Total	15.0	12.7	14.4	84.7	96.0	72.0-127			12.5	20
Ethyl Ether	5.00	4.26	4.77	85.2	95.4	64.0-137			11.3	20
Tetrahydrofuran	5.00	4.57	5.30	91.4	106	37.0-146			14.8	24
Iodomethane	25.0	22.1	21.9	88.4	87.6	74.0-134			0.909	20
Allyl chloride	25.0	25.5	25.9	102	104	70.0-131			1.56	20
Trans-1,4-Dichloro-2-butene	5.00	3.68	4.52	73.6	90.4	45.0-143		J3	20.5	20
(S) Toluene-d8				98.8	97.8	75.0-131				
(S) 4-Bromofluorobenzene				104	96.7	67.0-138				
(S) 1,2-Dichloroethane-d4				99.1	92.9	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4078600-3 06/05/24 21:21

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
Dichlorodifluoromethane	U		0.0327	0.200
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
Hexachloro-1,3-butadiene	U		0.508	1.00
Isopropylbenzene	U		0.0345	0.100

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4078600-3 06/05/24 21:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	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
Ethyl Ether	U		0.0170	0.100
Tetrahydrofuran	U		0.0900	0.500
Iodomethane	U		0.242	0.500
Allyl chloride	U		0.580	1.00
Trans-1,4-Dichloro-2-butene	U		0.0560	0.200
(S) Toluene-d8	96.8			75.0-131
(S) 4-Bromofluorobenzene	103			67.0-138
(S) 1,2-Dichloroethane-d4	95.8			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4078600-1 06/05/24 19:53 • (LCSD) R4078600-2 06/05/24 20:15

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	30.9	32.2	124	129	10.0-160			4.12	31
Acrylonitrile	25.0	28.3	27.2	113	109	45.0-153			3.96	22
Benzene	5.00	5.50	5.36	110	107	70.0-123			2.58	20
Bromobenzene	5.00	5.64	5.12	113	102	73.0-121			9.67	20
Bromodichloromethane	5.00	5.44	5.06	109	101	73.0-121			7.24	20
Bromoform	5.00	5.22	4.84	104	96.8	64.0-132			7.55	20
Bromomethane	5.00	4.78	4.70	95.6	94.0	56.0-147			1.69	20
n-Butylbenzene	5.00	4.43	4.45	88.6	89.0	68.0-135			0.450	20
sec-Butylbenzene	5.00	5.45	5.35	109	107	74.0-130			1.85	20
tert-Butylbenzene	5.00	4.16	4.51	83.2	90.2	75.0-127			8.07	20
Carbon tetrachloride	5.00	5.59	5.53	112	111	66.0-128			1.08	20
Chlorobenzene	5.00	5.41	5.31	108	106	76.0-128			1.87	20
Chlorodibromomethane	5.00	4.73	4.78	94.6	95.6	74.0-127			1.05	20
Chloroethane	5.00	5.74	5.61	115	112	61.0-134			2.29	20
Chloroform	5.00	5.26	5.10	105	102	72.0-123			3.09	20
Chloromethane	5.00	5.49	5.20	110	104	51.0-138			5.43	20
2-Chlorotoluene	5.00	5.21	4.88	104	97.6	75.0-124			6.54	20
4-Chlorotoluene	5.00	5.36	5.08	107	102	75.0-124			5.36	20
1,2-Dibromo-3-Chloropropane	5.00	4.56	4.53	91.2	90.6	59.0-130			0.660	20
1,2-Dibromoethane	5.00	5.16	4.61	103	92.2	74.0-128			11.3	20
Dibromomethane	5.00	5.59	5.28	112	106	75.0-122			5.70	20
1,2-Dichlorobenzene	5.00	5.26	5.24	105	105	76.0-124			0.381	20
1,3-Dichlorobenzene	5.00	5.53	5.19	111	104	76.0-125			6.34	20
1,4-Dichlorobenzene	5.00	5.13	5.11	103	102	77.0-121			0.391	20
Dichlorodifluoromethane	5.00	5.82	5.68	116	114	43.0-156			2.43	20
1,1-Dichloroethane	5.00	5.78	5.65	116	113	70.0-127			2.27	20
1,2-Dichloroethane	5.00	4.69	4.67	93.8	93.4	65.0-131			0.427	20
1,1-Dichloroethene	5.00	5.74	5.67	115	113	65.0-131			1.23	20
cis-1,2-Dichloroethene	5.00	5.15	4.96	103	99.2	73.0-125			3.76	20
trans-1,2-Dichloroethene	5.00	5.66	5.73	113	115	71.0-125			1.23	20
1,2-Dichloropropane	5.00	5.41	5.23	108	105	74.0-125			3.38	20
1,1-Dichloropropene	5.00	5.60	5.57	112	111	73.0-125			0.537	20
1,3-Dichloropropane	5.00	5.41	5.31	108	106	80.0-125			1.87	20
cis-1,3-Dichloropropene	5.00	5.51	5.46	110	109	76.0-127			0.912	20
trans-1,3-Dichloropropene	5.00	4.33	4.36	86.6	87.2	73.0-127			0.690	20
2,2-Dichloropropane	5.00	4.56	4.67	91.2	93.4	59.0-135			2.38	20
Di-isopropyl ether	5.00	5.52	5.45	110	109	60.0-136			1.28	20
Ethylbenzene	5.00	5.31	5.32	106	106	74.0-126			0.188	20
Hexachloro-1,3-butadiene	5.00	4.05	4.42	81.0	88.4	57.0-150			8.74	20
Isopropylbenzene	5.00	5.12	5.06	102	101	72.0-127			1.18	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4078600-1 06/05/24 19:53 • (LCSD) R4078600-2 06/05/24 20:15

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
p-Isopropyltoluene	5.00	4.33	4.23	86.6	84.6	72.0-133			2.34	20
2-Butanone (MEK)	25.0	32.8	27.0	131	108	30.0-160			19.4	24
Methylene Chloride	5.00	5.37	5.26	107	105	68.0-123			2.07	20
4-Methyl-2-pentanone (MIBK)	25.0	27.2	27.2	109	109	56.0-143			0.000	20
Methyl tert-butyl ether	5.00	5.42	5.22	108	104	66.0-132			3.76	20
Naphthalene	5.00	4.25	4.49	85.0	89.8	59.0-130			5.49	20
n-Propylbenzene	5.00	5.50	5.24	110	105	74.0-126			4.84	20
Styrene	5.00	5.12	5.12	102	102	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	5.00	4.84	5.07	96.8	101	74.0-129			4.64	20
1,1,2,2-Tetrachloroethane	5.00	4.86	4.58	97.2	91.6	68.0-128			5.93	20
1,1,2-Trichlorotrifluoroethane	5.00	5.77	5.72	115	114	61.0-139			0.870	20
Tetrachloroethene	5.00	5.08	5.13	102	103	70.0-136			0.979	20
Toluene	5.00	5.07	4.91	101	98.2	75.0-121			3.21	20
1,2,3-Trichlorobenzene	5.00	4.53	4.68	90.6	93.6	59.0-139			3.26	20
1,2,4-Trichlorobenzene	5.00	4.54	4.70	90.8	94.0	62.0-137			3.46	20
1,1,1-Trichloroethane	5.00	5.46	5.40	109	108	69.0-126			1.10	20
1,1,2-Trichloroethane	5.00	5.35	5.18	107	104	78.0-123			3.23	20
Trichloroethene	5.00	5.89	5.49	118	110	76.0-126			7.03	20
Trichlorofluoromethane	5.00	6.20	6.13	124	123	61.0-142			1.14	20
1,2,3-Trichloropropane	5.00	5.37	5.03	107	101	67.0-129			6.54	20
1,2,4-Trimethylbenzene	5.00	4.55	4.35	91.0	87.0	70.0-126			4.49	20
1,2,3-Trimethylbenzene	5.00	4.89	4.79	97.8	95.8	74.0-124			2.07	20
1,3,5-Trimethylbenzene	5.00	4.90	4.59	98.0	91.8	73.0-127			6.53	20
Vinyl chloride	5.00	6.14	5.98	123	120	63.0-134			2.64	20
Xylenes, Total	15.0	15.7	15.5	105	103	72.0-127			1.28	20
Ethyl Ether	5.00	6.00	5.65	120	113	64.0-137			6.01	20
Tetrahydrofuran	5.00	5.45	4.62	109	92.4	37.0-146			16.5	24
Iodomethane	25.0	25.9	26.2	104	105	74.0-134			1.15	20
Allyl chloride	25.0	27.6	27.9	110	112	70.0-131			1.08	20
Trans-1,4-Dichloro-2-butene	5.00	5.98	5.13	120	103	45.0-143			15.3	20
(S) Toluene-d8				95.5	98.9	75.0-131				
(S) 4-Bromofluorobenzene				97.7	100	67.0-138				
(S) 1,2-Dichloroethane-d4				92.5	92.3	70.0-130				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

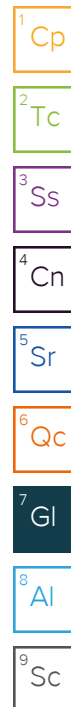
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
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.
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.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

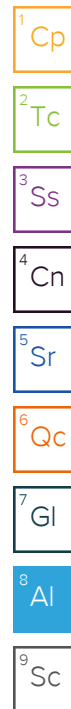
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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	LA000356
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		

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

* 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 Analytical.



Company Name/Address: PES Environmental, Inc.- WA		Billing Information: Attn: Accounts Payable 2101 4th Avenue, Suite 1310 Seattle, WA 98121		Pres Chk		Analysis / Container / Preservative						Chain of Custody Page 1 of 1	
2101 Fourth Ave., Suite 1310 Seattle, WA 98121												 PEOPLE ADVANCING SCIENCE	

Report to: Daniel Balbiani (ALP Q2)		Email To: <i>Sam.graber@nvs.com</i> <i>jessica.babb@nvs.com; nathalie.wisdom@nvs.com</i>	
---	--	---	--

Project Description: American Linen Q2 2024		City/State Collected: <i>Seattle, WA</i>		Please Circle: PT MT CT ET	
---	--	---	--	-------------------------------	--

Phone: 206-529-3980	Client Project # 443022-1413001.10.701.02	Lab Project # PESENVSWA-ALP
----------------------------	---	---------------------------------------

Collected by (print): <i>Devlin Del Giudice</i>	Site/Facility ID #	P.O. #
--	--------------------	--------

Collected by (signature): <i>[Signature]</i>	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	No. of Cntrs
Immediately Packed on Ice N ___ Y ☒				

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	FEG, MNG 6020 250mlHDPE-HNO3	RSK175LL 40mlAmb-HCl	SULFATE 9056 125mlHDPE-NoPres	TOC 9060 250mlAmb-HCl	V8260ULL 40mlAmb-HCl						
MW-169-052424	G	GW	—	5/24/24	1018	8	X	X	X	X	X						-01
MW-170-052424		GW	—		1130	8	X	X	X	X	X						-02
MW-171-052424		GW	—		1257	8	X	X	X	X	X						-03
MW-172-052424		GW	—		1455	8	X	X	X	X	X						-04
MW-342-052424		GW	—		721	3					X						-05
MW-343-052424		GW	—		756	3					X						-06
MW115-052424		GW	—		949	3					X						-07
MW113-052424		GW	—		1038	3					X						-08
FMW-140-052424		GW	—		1122	3					X						-09
FMW-137-052424		GW	—		1350	3					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 # <i>7411 4519 3453</i>
--	--	----------------------------------

Relinquished by: (Signature) <i>[Signature]</i>	Date: <i>5/24/24</i>	Time: <i>1509</i>	Received by: (Signature)	Trip Blank Received: Yes/No HCL/MeOH TBR	Temp <i>6.4</i> °C <i>20.9 ± 0.1 = 3.0</i>	Bottles Received: <i>50</i>	If preservation required by Login: Date/Time
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)				
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>Alina mitchen</i>	Date: <i>5/25/24</i>	Time: <i>1200</i>	Hold:	Condition: NCF / OK

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
If Applicable	
VOA Zero Headspace:	☐ Y ☐ N
Preservation Correct/Checked:	☒ Y ☐ N
RAD Screen <0.5 mR/hr:	☒ Y ☐ N

June 25, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

PES Environmental, Inc.- WA

Sample Delivery Group: L1741126
Samples Received: 05/29/2024
Project Number: 443022-1413001.10
Description: American Linen Q2 2024

Report To: Daniel Balbiani
2101 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 mydata.pacelabs.com

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

SAMPLE SUMMARY

MW-148-052824 L1741126-01 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 10:06

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 11:04	06/03/24 11:04	JAH	Mt. Juliet, TN

MW-155-052824 L1741126-02 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 09:32

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 11:24	06/03/24 11:24	JAH	Mt. Juliet, TN

MW-167-052824 L1741126-03 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 12:28

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306764	1	06/19/24 13:26	06/19/24 13:26	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306216	1	06/17/24 03:46	06/17/24 03:46	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 20:38	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297122	1	06/03/24 12:33	06/03/24 12:33	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297638	10	06/03/24 17:10	06/03/24 17:10	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298944	1	06/05/24 23:48	06/05/24 23:48	ACG	Mt. Juliet, TN

MW-165-052824 L1741126-04 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 11:17

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306764	1	06/21/24 15:23	06/21/24 15:23	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306217	1	06/17/24 00:41	06/17/24 00:41	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 20:42	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 10:05	06/04/24 10:05	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2298329	10	06/04/24 15:18	06/04/24 15:18	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 12:02	06/03/24 12:02	JAH	Mt. Juliet, TN

MW-173-052824 L1741126-05 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 10:23

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306764	1	06/19/24 13:53	06/19/24 13:53	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306217	1	06/17/24 00:58	06/17/24 00:58	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 20:45	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 10:13	06/04/24 10:13	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2298329	10	06/04/24 15:24	06/04/24 15:24	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 12:21	06/03/24 12:21	JAH	Mt. Juliet, TN

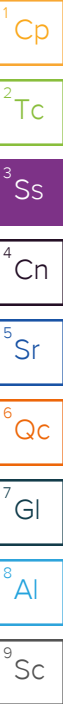
MW-174-052824 L1741126-06 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 09:44

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306764	1	06/19/24 14:07	06/19/24 14:07	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306217	1	06/17/24 01:15	06/17/24 01:15	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 20:48	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 10:20	06/04/24 10:20	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2298329	10	06/04/24 15:29	06/04/24 15:29	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 12:40	06/03/24 12:40	JAH	Mt. Juliet, TN



SAMPLE SUMMARY

MW-174-052824 L1741126-06 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 09:44

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298944	5	06/06/24 00:33	06/06/24 00:33	ACG	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

MW-175-052824 L1741126-07 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 09:03

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306764	1	06/19/24 14:20	06/19/24 14:20	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306217	1	06/17/24 01:38	06/17/24 01:38	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 20:52	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 10:26	06/04/24 10:26	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2298329	10	06/04/24 15:37	06/04/24 15:37	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 12:59	06/03/24 12:59	JAH	Mt. Juliet, TN

MW124-052824 L1741126-08 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 12:08

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2297221	1	06/03/24 13:19	06/03/24 13:19	JAH	Mt. Juliet, TN

MW102-052824 L1741126-09 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 13:56

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298539	1	06/05/24 06:34	06/05/24 06:34	ADM	Mt. Juliet, TN

MW-991-052824 L1741126-10 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 11:11

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306764	1	06/19/24 15:00	06/19/24 15:00	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306217	1	06/17/24 01:54	06/17/24 01:54	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 20:55	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 10:34	06/04/24 10:34	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2298329	10	06/04/24 15:42	06/04/24 15:42	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298539	1	06/05/24 06:54	06/05/24 06:54	ADM	Mt. Juliet, TN

MW-168-052824 L1741126-11 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 14:38

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306764	1	06/19/24 15:14	06/19/24 15:14	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306217	1	06/17/24 02:11	06/17/24 02:11	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 20:58	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 11:43	06/04/24 11:43	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2298329	10	06/04/24 15:48	06/04/24 15:48	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298539	1	06/05/24 07:13	06/05/24 07:13	ADM	Mt. Juliet, TN

SAMPLE SUMMARY

MW-166-052824 L1741126-12 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 12:10

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306764	1	06/19/24 15:27	06/19/24 15:27	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306451	2	06/18/24 08:07	06/18/24 08:07	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 21:01	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 12:04	06/04/24 12:04	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2298329	10	06/04/24 15:54	06/04/24 15:54	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298539	1	06/05/24 07:33	06/05/24 07:33	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2300439	200	06/09/24 13:13	06/09/24 13:13	DWR	Mt. Juliet, TN

MW-336-052824 L1741126-13 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 07:24

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298539	1	06/05/24 07:53	06/05/24 07:53	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2300439	1	06/09/24 12:52	06/09/24 12:52	DWR	Mt. Juliet, TN

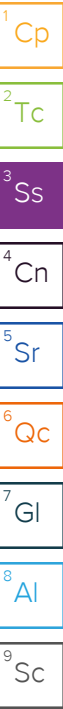
TB-052824 L1741126-14 GW

Collected by
Devlin Del Giudice

Collected date/time
05/28/24 00:00

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298539	1	06/05/24 06:14	06/05/24 06:14	ADM	Mt. Juliet, TN



CASE NARRATIVE

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

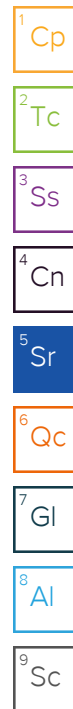
pH outside of method requirement.

<u>Lab Sample ID</u>	<u>Project Sample ID</u>	<u>Method</u>
L1741126-06	MW-174-052824	8260D



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	06/03/2024 11:04	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 11:04	WG2297221
Benzene	0.0310	J	0.0160	0.0400	1	06/03/2024 11:04	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 11:04	WG2297221
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 11:04	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 11:04	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 11:04	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 11:04	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 11:04	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 11:04	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 11:04	WG2297221
Carbon disulfide	U		0.162	0.500	1	06/03/2024 11:04	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 11:04	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 11:04	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 11:04	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 11:04	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 11:04	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 11:04	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 11:04	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 11:04	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 11:04	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 11:04	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 11:04	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 11:04	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 11:04	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 11:04	WG2297221
trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 11:04	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 11:04	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 11:04	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 11:04	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 11:04	WG2297221
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/03/2024 11:04	WG2297221
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 11:04	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 11:04	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 11:04	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 11:04	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 11:04	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 11:04	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 11:04	WG2297221
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 11:04	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 11:04	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 11:04	WG2297221
2-Hexanone	U		0.400	1.00	1	06/03/2024 11:04	WG2297221
n-Hexane	U		0.0424	0.200	1	06/03/2024 11:04	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 11:04	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 11:04	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 11:04	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 11:04	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 11:04	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 11:04	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 11:04	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 11:04	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 11:04	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 11:04	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 11:04	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 11:04	WG2297221



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 11:04	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 11:04	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 11:04	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 11:04	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 11:04	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 11:04	WG2297221
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 11:04	WG2297221
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 11:04	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 11:04	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 11:04	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 11:04	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 11:04	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 11:04	WG2297221
Vinyl acetate	U	C3	0.141	0.500	1	06/03/2024 11:04	WG2297221
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 11:04	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 11:04	WG2297221
(S) Toluene-d8	100			75.0-131		06/03/2024 11:04	WG2297221
(S) 4-Bromofluorobenzene	98.9			67.0-138		06/03/2024 11:04	WG2297221
(S) 1,2-Dichloroethane-d4	101			70.0-130		06/03/2024 11:04	WG2297221

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

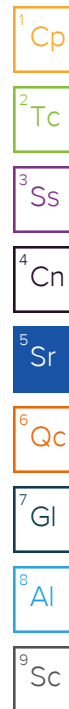
7Gl

8Al

9Sc

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	06/03/2024 11:24	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 11:24	WG2297221
Benzene	0.0220	J	0.0160	0.0400	1	06/03/2024 11:24	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 11:24	WG2297221
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 11:24	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 11:24	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 11:24	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 11:24	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 11:24	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 11:24	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 11:24	WG2297221
Carbon disulfide	U		0.162	0.500	1	06/03/2024 11:24	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 11:24	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 11:24	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 11:24	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 11:24	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 11:24	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 11:24	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 11:24	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 11:24	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 11:24	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 11:24	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 11:24	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 11:24	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 11:24	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 11:24	WG2297221
trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 11:24	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 11:24	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 11:24	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 11:24	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 11:24	WG2297221
cis-1,2-Dichloroethene	4.98		0.0276	0.100	1	06/03/2024 11:24	WG2297221
trans-1,2-Dichloroethene	0.0640	J	0.0572	0.200	1	06/03/2024 11:24	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 11:24	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 11:24	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 11:24	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 11:24	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 11:24	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 11:24	WG2297221
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 11:24	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 11:24	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 11:24	WG2297221
2-Hexanone	U		0.400	1.00	1	06/03/2024 11:24	WG2297221
n-Hexane	U		0.0424	0.200	1	06/03/2024 11:24	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 11:24	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 11:24	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 11:24	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 11:24	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 11:24	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 11:24	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 11:24	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 11:24	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 11:24	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 11:24	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 11:24	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 11:24	WG2297221



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 11:24	WG2297221
Tetrachloroethene	43.5		0.0280	0.100	1	06/03/2024 11:24	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 11:24	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 11:24	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 11:24	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 11:24	WG2297221
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 11:24	WG2297221
Trichloroethene	10.4		0.0160	0.0400	1	06/03/2024 11:24	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 11:24	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 11:24	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 11:24	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 11:24	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 11:24	WG2297221
Vinyl acetate	U	C3	0.141	0.500	1	06/03/2024 11:24	WG2297221
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 11:24	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 11:24	WG2297221
(S) Toluene-d8	99.6			75.0-131		06/03/2024 11:24	WG2297221
(S) 4-Bromofluorobenzene	97.4			67.0-138		06/03/2024 11:24	WG2297221
(S) 1,2-Dichloroethane-d4	99.7			70.0-130		06/03/2024 11:24	WG2297221

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	5830		594	5000	1	06/19/2024 13:26	WG2306764

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	10400		102	1000	1	06/17/2024 03:46	WG2306216

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	3070		28.1	100	1	06/24/2024 20:38	WG2300935
Manganese	876		0.704	5.00	1	06/24/2024 20:38	WG2300935

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	10900		2.87	6.78	10	06/03/2024 17:10	WG2297638
Ethane	163		0.296	1.29	1	06/03/2024 12:33	WG2297122
Ethene	13.7		0.422	1.27	1	06/03/2024 12:33	WG2297122

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	1.36	C5	0.548	1.00	1	06/05/2024 23:48	WG2298944
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 23:48	WG2298944
Benzene	U		0.0160	0.0400	1	06/05/2024 23:48	WG2298944
Bromobenzene	U		0.0420	0.500	1	06/05/2024 23:48	WG2298944
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 23:48	WG2298944
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 23:48	WG2298944
Bromoform	U		0.239	1.00	1	06/05/2024 23:48	WG2298944
Bromomethane	U		0.148	0.500	1	06/05/2024 23:48	WG2298944
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 23:48	WG2298944
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 23:48	WG2298944
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 23:48	WG2298944
Carbon disulfide	U		0.162	0.500	1	06/05/2024 23:48	WG2298944
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 23:48	WG2298944
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 23:48	WG2298944
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 23:48	WG2298944
Chloroethane	U		0.0432	0.200	1	06/05/2024 23:48	WG2298944
Chloroform	U		0.0166	0.100	1	06/05/2024 23:48	WG2298944
Chloromethane	U		0.0556	0.500	1	06/05/2024 23:48	WG2298944
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 23:48	WG2298944
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 23:48	WG2298944
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 23:48	WG2298944
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 23:48	WG2298944
Dibromomethane	U		0.0400	0.200	1	06/05/2024 23:48	WG2298944
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 23:48	WG2298944
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 23:48	WG2298944
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 23:48	WG2298944
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 23:48	WG2298944
Dichlorodifluoromethane	U		0.0327	0.200	1	06/05/2024 23:48	WG2298944
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 23:48	WG2298944
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 23:48	WG2298944
1,1-Dichloroethene	U		0.0200	0.100	1	06/05/2024 23:48	WG2298944

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.344		0.0276	0.100	1	06/05/2024 23:48	WG2298944
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/05/2024 23:48	WG2298944
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 23:48	WG2298944
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 23:48	WG2298944
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 23:48	WG2298944
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 23:48	WG2298944
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 23:48	WG2298944
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 23:48	WG2298944
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 23:48	WG2298944
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 23:48	WG2298944
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 23:48	WG2298944
2-Hexanone	U		0.400	1.00	1	06/05/2024 23:48	WG2298944
n-Hexane	U		0.0424	0.200	1	06/05/2024 23:48	WG2298944
Iodomethane	U		0.242	0.500	1	06/05/2024 23:48	WG2298944
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 23:48	WG2298944
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 23:48	WG2298944
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 23:48	WG2298944
Methylene Chloride	U		0.265	1.00	1	06/05/2024 23:48	WG2298944
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 23:48	WG2298944
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 23:48	WG2298944
Naphthalene	U		0.124	0.500	1	06/05/2024 23:48	WG2298944
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 23:48	WG2298944
Styrene	U		0.109	0.500	1	06/05/2024 23:48	WG2298944
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 23:48	WG2298944
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 23:48	WG2298944
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 23:48	WG2298944
Tetrachloroethene	U		0.0280	0.100	1	06/05/2024 23:48	WG2298944
Toluene	0.0650	IU	0.0500	0.200	1	06/05/2024 23:48	WG2298944
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 23:48	WG2298944
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 23:48	WG2298944
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 23:48	WG2298944
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 23:48	WG2298944
Trichloroethene	0.0380	IU	0.0160	0.0400	1	06/05/2024 23:48	WG2298944
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 23:48	WG2298944
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 23:48	WG2298944
1,2,4-Trimethylbenzene	0.0720	IU	0.0464	0.200	1	06/05/2024 23:48	WG2298944
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 23:48	WG2298944
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 23:48	WG2298944
Vinyl acetate	U	C3	0.141	0.500	1	06/05/2024 23:48	WG2298944
Vinyl chloride	0.786	C5	0.0273	0.100	1	06/05/2024 23:48	WG2298944
Xylenes, Total	U		0.191	0.260	1	06/05/2024 23:48	WG2298944
(S) Toluene-d8	95.0			75.0-131		06/05/2024 23:48	WG2298944
(S) 4-Bromofluorobenzene	97.5			67.0-138		06/05/2024 23:48	WG2298944
(S) 1,2-Dichloroethane-d4	97.1			70.0-130		06/05/2024 23:48	WG2298944

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 date / time	Batch
Sulfate	1790	J	594	5000	1	06/21/2024 15:23	WG2306764

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	26800		102	1000	1	06/17/2024 00:41	WG2306217

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	25900		28.1	100	1	06/24/2024 20:42	WG2300935
Manganese	5490		0.704	5.00	1	06/24/2024 20:42	WG2300935

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	29700		2.87	6.78	10	06/04/2024 15:18	WG2298329
Ethane	266		0.296	1.29	1	06/04/2024 10:05	WG2297123
Ethene	3.79		0.422	1.27	1	06/04/2024 10:05	WG2297123

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	4.23		0.548	1.00	1	06/03/2024 12:02	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 12:02	WG2297221
Benzene	0.0840		0.0160	0.0400	1	06/03/2024 12:02	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 12:02	WG2297221
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 12:02	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 12:02	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 12:02	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 12:02	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 12:02	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 12:02	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 12:02	WG2297221
Carbon disulfide	U		0.162	0.500	1	06/03/2024 12:02	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 12:02	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 12:02	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 12:02	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 12:02	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 12:02	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 12:02	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 12:02	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 12:02	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 12:02	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 12:02	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 12:02	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 12:02	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 12:02	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 12:02	WG2297221
trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 12:02	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 12:02	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 12:02	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 12:02	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 12:02	WG2297221

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.912		0.0276	0.100	1	06/03/2024 12:02	WG2297221
trans-1,2-Dichloroethene	0.322		0.0572	0.200	1	06/03/2024 12:02	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 12:02	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 12:02	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 12:02	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 12:02	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 12:02	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 12:02	WG2297221
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 12:02	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 12:02	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 12:02	WG2297221
2-Hexanone	U		0.400	1.00	1	06/03/2024 12:02	WG2297221
n-Hexane	U		0.0424	0.200	1	06/03/2024 12:02	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 12:02	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 12:02	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 12:02	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 12:02	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 12:02	WG2297221
4-Methyl-2-pentanone (MIBK)	0.485	J	0.400	1.00	1	06/03/2024 12:02	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 12:02	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 12:02	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 12:02	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 12:02	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 12:02	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 12:02	WG2297221
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 12:02	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 12:02	WG2297221
Toluene	0.116	J	0.0500	0.200	1	06/03/2024 12:02	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 12:02	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 12:02	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 12:02	WG2297221
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 12:02	WG2297221
Trichloroethene	0.0320	J	0.0160	0.0400	1	06/03/2024 12:02	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 12:02	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 12:02	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 12:02	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 12:02	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 12:02	WG2297221
Vinyl acetate	U	C3	0.141	0.500	1	06/03/2024 12:02	WG2297221
Vinyl chloride	1.24		0.0273	0.100	1	06/03/2024 12:02	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 12:02	WG2297221
(S) Toluene-d8	99.7			75.0-131		06/03/2024 12:02	WG2297221
(S) 4-Bromofluorobenzene	96.5			67.0-138		06/03/2024 12:02	WG2297221
(S) 1,2-Dichloroethane-d4	93.1			70.0-130		06/03/2024 12:02	WG2297221

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 date / time	Batch
Sulfate	734	J	594	5000	1	06/19/2024 13:53	WG2306764

1Cp

2Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	16100		102	1000	1	06/17/2024 00:58	WG2306217

3Ss

4Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	6230		28.1	100	1	06/24/2024 20:45	WG2300935
Manganese	2390		0.704	5.00	1	06/24/2024 20:45	WG2300935

5Sr

6Qc

7Gl

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	30500		2.87	6.78	10	06/04/2024 15:24	WG2298329
Ethane	795		0.296	1.29	1	06/04/2024 10:13	WG2297123
Ethene	59.6		0.422	1.27	1	06/04/2024 10:13	WG2297123

8Al

9Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	1.58		0.548	1.00	1	06/03/2024 12:21	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 12:21	WG2297221
Benzene	0.147		0.0160	0.0400	1	06/03/2024 12:21	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 12:21	WG2297221
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 12:21	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 12:21	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 12:21	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 12:21	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 12:21	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 12:21	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 12:21	WG2297221
Carbon disulfide	U		0.162	0.500	1	06/03/2024 12:21	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 12:21	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 12:21	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 12:21	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 12:21	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 12:21	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 12:21	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 12:21	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 12:21	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 12:21	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 12:21	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 12:21	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 12:21	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 12:21	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 12:21	WG2297221
trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 12:21	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 12:21	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 12:21	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 12:21	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 12:21	WG2297221

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.0900	<u>J</u>	0.0276	0.100	1	06/03/2024 12:21	WG2297221
trans-1,2-Dichloroethene	0.0730	<u>J</u>	0.0572	0.200	1	06/03/2024 12:21	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 12:21	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 12:21	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 12:21	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 12:21	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 12:21	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 12:21	WG2297221
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 12:21	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 12:21	WG2297221
Hexachloro-1,3-butadiene	U	<u>J3</u>	0.508	1.00	1	06/03/2024 12:21	WG2297221
2-Hexanone	U		0.400	1.00	1	06/03/2024 12:21	WG2297221
n-Hexane	U		0.0424	0.200	1	06/03/2024 12:21	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 12:21	WG2297221
Isopropylbenzene	0.0690	<u>J</u>	0.0345	0.100	1	06/03/2024 12:21	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 12:21	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 12:21	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 12:21	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 12:21	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 12:21	WG2297221
Naphthalene	U	<u>J3</u>	0.124	0.500	1	06/03/2024 12:21	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 12:21	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 12:21	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 12:21	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 12:21	WG2297221
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 12:21	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 12:21	WG2297221
Toluene	0.0800	<u>J</u>	0.0500	0.200	1	06/03/2024 12:21	WG2297221
1,2,3-Trichlorobenzene	U	<u>J3 J4</u>	0.0250	0.500	1	06/03/2024 12:21	WG2297221
1,2,4-Trichlorobenzene	U	<u>J3</u>	0.193	0.500	1	06/03/2024 12:21	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 12:21	WG2297221
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 12:21	WG2297221
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 12:21	WG2297221
Trichlorofluoromethane	U	<u>C3</u>	0.0200	0.100	1	06/03/2024 12:21	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 12:21	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 12:21	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 12:21	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 12:21	WG2297221
Vinyl acetate	U	<u>C3</u>	0.141	0.500	1	06/03/2024 12:21	WG2297221
Vinyl chloride	0.0670	<u>J</u>	0.0273	0.100	1	06/03/2024 12:21	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 12:21	WG2297221
(S) Toluene-d8	102			75.0-131		06/03/2024 12:21	WG2297221
(S) 4-Bromofluorobenzene	98.9			67.0-138		06/03/2024 12:21	WG2297221
(S) 1,2-Dichloroethane-d4	101			70.0-130		06/03/2024 12:21	WG2297221

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 date / time	Batch
Sulfate	3590	J	594	5000	1	06/19/2024 14:07	WG2306764

1
Cp

2
Tc

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	32900		102	1000	1	06/17/2024 01:15	WG2306217

3
Ss

4
Cn

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	16400		28.1	100	1	06/24/2024 20:48	WG2300935
Manganese	3480		0.704	5.00	1	06/24/2024 20:48	WG2300935

5
Sr

6
Qc

7
Gl

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	34200		2.87	6.78	10	06/04/2024 15:29	WG2298329
Ethane	244		0.296	1.29	1	06/04/2024 10:20	WG2297123
Ethene	66.7		0.422	1.27	1	06/04/2024 10:20	WG2297123

8
Al

9
Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	2.65		0.548	1.00	1	06/03/2024 12:40	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 12:40	WG2297221
Benzene	U		0.0160	0.0400	1	06/03/2024 12:40	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 12:40	WG2297221
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 12:40	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 12:40	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 12:40	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 12:40	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 12:40	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 12:40	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 12:40	WG2297221
Carbon disulfide	U		0.162	0.500	1	06/03/2024 12:40	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 12:40	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 12:40	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 12:40	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 12:40	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 12:40	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 12:40	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 12:40	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 12:40	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 12:40	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 12:40	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 12:40	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 12:40	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 12:40	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 12:40	WG2297221
trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 12:40	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 12:40	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 12:40	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 12:40	WG2297221
1,1-Dichloroethene	0.217		0.0200	0.100	1	06/03/2024 12:40	WG2297221

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	63.8		0.0276	0.100	1	06/03/2024 12:40	WG2297221
trans-1,2-Dichloroethene	2.19		0.0572	0.200	1	06/03/2024 12:40	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 12:40	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 12:40	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 12:40	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 12:40	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 12:40	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 12:40	WG2297221
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 12:40	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 12:40	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 12:40	WG2297221
2-Hexanone	U		0.400	1.00	1	06/03/2024 12:40	WG2297221
n-Hexane	U		0.0424	0.200	1	06/03/2024 12:40	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 12:40	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 12:40	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 12:40	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 12:40	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 12:40	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 12:40	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 12:40	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 12:40	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 12:40	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 12:40	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 12:40	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 12:40	WG2297221
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 12:40	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 12:40	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 12:40	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 12:40	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 12:40	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 12:40	WG2297221
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 12:40	WG2297221
Trichloroethene	0.287		0.0160	0.0400	1	06/03/2024 12:40	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 12:40	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 12:40	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 12:40	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 12:40	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 12:40	WG2297221
Vinyl acetate	U	C3	0.141	0.500	1	06/03/2024 12:40	WG2297221
Vinyl chloride	205	C5	0.137	0.500	5	06/06/2024 00:33	WG2298944
Xylenes, Total	U		0.191	0.260	1	06/03/2024 12:40	WG2297221
(S) Toluene-d8	101			75.0-131		06/03/2024 12:40	WG2297221
(S) Toluene-d8	96.8			75.0-131		06/06/2024 00:33	WG2298944
(S) 4-Bromofluorobenzene	95.4			67.0-138		06/03/2024 12:40	WG2297221
(S) 4-Bromofluorobenzene	99.9			67.0-138		06/06/2024 00:33	WG2298944
(S) 1,2-Dichloroethane-d4	93.7			70.0-130		06/03/2024 12:40	WG2297221
(S) 1,2-Dichloroethane-d4	98.0			70.0-130		06/06/2024 00:33	WG2298944

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 date / time	Batch
Sulfate	1830	J	594	5000	1	06/19/2024 14:20	WG2306764

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	26700		102	1000	1	06/17/2024 01:38	WG2306217

Metals (ICPMS) by Method 6020B

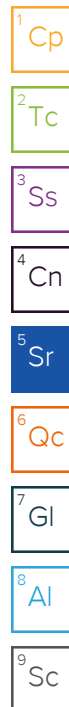
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	14400		28.1	100	1	06/24/2024 20:52	WG2300935
Manganese	3290		0.704	5.00	1	06/24/2024 20:52	WG2300935

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	35500		2.87	6.78	10	06/04/2024 15:37	WG2298329
Ethane	462		0.296	1.29	1	06/04/2024 10:26	WG2297123
Ethene	U		0.422	1.27	1	06/04/2024 10:26	WG2297123

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	4.55		0.548	1.00	1	06/03/2024 12:59	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 12:59	WG2297221
Benzene	0.0210	J	0.0160	0.0400	1	06/03/2024 12:59	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 12:59	WG2297221
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 12:59	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 12:59	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 12:59	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 12:59	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 12:59	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 12:59	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 12:59	WG2297221
Carbon disulfide	U		0.162	0.500	1	06/03/2024 12:59	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 12:59	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 12:59	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 12:59	WG2297221
Chloroethane	0.113	C3 J	0.0432	0.200	1	06/03/2024 12:59	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 12:59	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 12:59	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 12:59	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 12:59	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 12:59	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 12:59	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 12:59	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 12:59	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 12:59	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 12:59	WG2297221
trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 12:59	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 12:59	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 12:59	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 12:59	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 12:59	WG2297221



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.0830	J	0.0276	0.100	1	06/03/2024 12:59	WG2297221
trans-1,2-Dichloroethene	0.535		0.0572	0.200	1	06/03/2024 12:59	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 12:59	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 12:59	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 12:59	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 12:59	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 12:59	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 12:59	WG2297221
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 12:59	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 12:59	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 12:59	WG2297221
2-Hexanone	U		0.400	1.00	1	06/03/2024 12:59	WG2297221
n-Hexane	U		0.0424	0.200	1	06/03/2024 12:59	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 12:59	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 12:59	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 12:59	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 12:59	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 12:59	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 12:59	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 12:59	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 12:59	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 12:59	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 12:59	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 12:59	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 12:59	WG2297221
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 12:59	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 12:59	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 12:59	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 12:59	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 12:59	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 12:59	WG2297221
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 12:59	WG2297221
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 12:59	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 12:59	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 12:59	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 12:59	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 12:59	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 12:59	WG2297221
Vinyl acetate	U	C3	0.141	0.500	1	06/03/2024 12:59	WG2297221
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 12:59	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 12:59	WG2297221
(S) Toluene-d8	98.8			75.0-131		06/03/2024 12:59	WG2297221
(S) 4-Bromofluorobenzene	104			67.0-138		06/03/2024 12:59	WG2297221
(S) 1,2-Dichloroethane-d4	97.6			70.0-130		06/03/2024 12:59	WG2297221

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

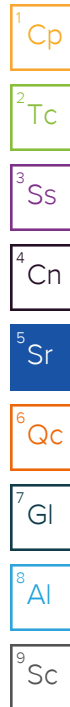
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	06/03/2024 13:19	WG2297221
Acrylonitrile	U		0.0760	0.500	1	06/03/2024 13:19	WG2297221
Benzene	U		0.0160	0.0400	1	06/03/2024 13:19	WG2297221
Bromobenzene	U		0.0420	0.500	1	06/03/2024 13:19	WG2297221
Bromochloromethane	U		0.0452	0.200	1	06/03/2024 13:19	WG2297221
Bromodichloromethane	U		0.0315	0.100	1	06/03/2024 13:19	WG2297221
Bromoform	U		0.239	1.00	1	06/03/2024 13:19	WG2297221
Bromomethane	U	C3 J4	0.148	0.500	1	06/03/2024 13:19	WG2297221
n-Butylbenzene	U		0.153	0.500	1	06/03/2024 13:19	WG2297221
sec-Butylbenzene	U		0.101	0.500	1	06/03/2024 13:19	WG2297221
tert-Butylbenzene	U		0.0620	0.200	1	06/03/2024 13:19	WG2297221
Carbon disulfide	U		0.162	0.500	1	06/03/2024 13:19	WG2297221
Carbon tetrachloride	U		0.0432	0.200	1	06/03/2024 13:19	WG2297221
Chlorobenzene	U		0.0229	0.100	1	06/03/2024 13:19	WG2297221
Chlorodibromomethane	U		0.0180	0.100	1	06/03/2024 13:19	WG2297221
Chloroethane	U	C3	0.0432	0.200	1	06/03/2024 13:19	WG2297221
Chloroform	U		0.0166	0.100	1	06/03/2024 13:19	WG2297221
Chloromethane	U		0.0556	0.500	1	06/03/2024 13:19	WG2297221
2-Chlorotoluene	U		0.0368	0.100	1	06/03/2024 13:19	WG2297221
4-Chlorotoluene	U		0.0452	0.200	1	06/03/2024 13:19	WG2297221
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/03/2024 13:19	WG2297221
1,2-Dibromoethane	U		0.0210	0.100	1	06/03/2024 13:19	WG2297221
Dibromomethane	U		0.0400	0.200	1	06/03/2024 13:19	WG2297221
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/03/2024 13:19	WG2297221
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/03/2024 13:19	WG2297221
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/03/2024 13:19	WG2297221
trans-1,4-Dichloro-2-butene	U	C3 J3	0.0560	0.200	1	06/03/2024 13:19	WG2297221
Dichlorodifluoromethane	U		0.0327	0.200	1	06/03/2024 13:19	WG2297221
1,1-Dichloroethane	U		0.0230	0.100	1	06/03/2024 13:19	WG2297221
1,2-Dichloroethane	U		0.0190	0.100	1	06/03/2024 13:19	WG2297221
1,1-Dichloroethene	U		0.0200	0.100	1	06/03/2024 13:19	WG2297221
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/03/2024 13:19	WG2297221
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/03/2024 13:19	WG2297221
1,2-Dichloropropane	U		0.0508	0.200	1	06/03/2024 13:19	WG2297221
1,1-Dichloropropene	U		0.0280	0.100	1	06/03/2024 13:19	WG2297221
1,3-Dichloropropane	U		0.0700	0.200	1	06/03/2024 13:19	WG2297221
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/03/2024 13:19	WG2297221
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/03/2024 13:19	WG2297221
2,2-Dichloropropane	U		0.0317	0.100	1	06/03/2024 13:19	WG2297221
Di-isopropyl ether	U		0.0140	0.0400	1	06/03/2024 13:19	WG2297221
Ethylbenzene	U		0.0212	0.100	1	06/03/2024 13:19	WG2297221
Hexachloro-1,3-butadiene	U	J3	0.508	1.00	1	06/03/2024 13:19	WG2297221
2-Hexanone	U		0.400	1.00	1	06/03/2024 13:19	WG2297221
n-Hexane	U		0.0424	0.200	1	06/03/2024 13:19	WG2297221
Iodomethane	U		0.242	0.500	1	06/03/2024 13:19	WG2297221
Isopropylbenzene	U		0.0345	0.100	1	06/03/2024 13:19	WG2297221
p-Isopropyltoluene	U		0.0932	0.200	1	06/03/2024 13:19	WG2297221
2-Butanone (MEK)	U		0.500	1.00	1	06/03/2024 13:19	WG2297221
Methylene Chloride	U		0.265	1.00	1	06/03/2024 13:19	WG2297221
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/03/2024 13:19	WG2297221
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/03/2024 13:19	WG2297221
Naphthalene	U	J3	0.124	0.500	1	06/03/2024 13:19	WG2297221
n-Propylbenzene	U		0.0472	0.200	1	06/03/2024 13:19	WG2297221
Styrene	U		0.109	0.500	1	06/03/2024 13:19	WG2297221
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/03/2024 13:19	WG2297221
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/03/2024 13:19	WG2297221



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/03/2024 13:19	WG2297221
Tetrachloroethene	U		0.0280	0.100	1	06/03/2024 13:19	WG2297221
Toluene	U		0.0500	0.200	1	06/03/2024 13:19	WG2297221
1,2,3-Trichlorobenzene	U	J3 J4	0.0250	0.500	1	06/03/2024 13:19	WG2297221
1,2,4-Trichlorobenzene	U	J3	0.193	0.500	1	06/03/2024 13:19	WG2297221
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/03/2024 13:19	WG2297221
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/03/2024 13:19	WG2297221
Trichloroethene	U		0.0160	0.0400	1	06/03/2024 13:19	WG2297221
Trichlorofluoromethane	U	C3	0.0200	0.100	1	06/03/2024 13:19	WG2297221
1,2,3-Trichloropropane	U		0.204	0.500	1	06/03/2024 13:19	WG2297221
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/03/2024 13:19	WG2297221
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/03/2024 13:19	WG2297221
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/03/2024 13:19	WG2297221
Vinyl acetate	U	C3	0.141	0.500	1	06/03/2024 13:19	WG2297221
Vinyl chloride	U		0.0273	0.100	1	06/03/2024 13:19	WG2297221
Xylenes, Total	U		0.191	0.260	1	06/03/2024 13:19	WG2297221
(S) Toluene-d8	100			75.0-131		06/03/2024 13:19	WG2297221
(S) 4-Bromofluorobenzene	97.1			67.0-138		06/03/2024 13:19	WG2297221
(S) 1,2-Dichloroethane-d4	98.8			70.0-130		06/03/2024 13:19	WG2297221

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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	1.08		0.548	1.00	1	06/05/2024 06:34	WG2298539
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 06:34	WG2298539
Benzene	0.330		0.0160	0.0400	1	06/05/2024 06:34	WG2298539
Bromobenzene	U		0.0420	0.500	1	06/05/2024 06:34	WG2298539
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 06:34	WG2298539
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 06:34	WG2298539
Bromoform	U		0.239	1.00	1	06/05/2024 06:34	WG2298539
Bromomethane	U	J3	0.148	0.500	1	06/05/2024 06:34	WG2298539
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 06:34	WG2298539
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 06:34	WG2298539
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 06:34	WG2298539
Carbon disulfide	U	J3	0.162	0.500	1	06/05/2024 06:34	WG2298539
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 06:34	WG2298539
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 06:34	WG2298539
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 06:34	WG2298539
Chloroethane	U	J3	0.0432	0.200	1	06/05/2024 06:34	WG2298539
Chloroform	U		0.0166	0.100	1	06/05/2024 06:34	WG2298539
Chloromethane	U	J3	0.0556	0.500	1	06/05/2024 06:34	WG2298539
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 06:34	WG2298539
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 06:34	WG2298539
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 06:34	WG2298539
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 06:34	WG2298539
Dibromomethane	U		0.0400	0.200	1	06/05/2024 06:34	WG2298539
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 06:34	WG2298539
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 06:34	WG2298539
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 06:34	WG2298539
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 06:34	WG2298539
Dichlorodifluoromethane	U	J3	0.0327	0.200	1	06/05/2024 06:34	WG2298539
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 06:34	WG2298539
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 06:34	WG2298539
1,1-Dichloroethene	U		0.0200	0.100	1	06/05/2024 06:34	WG2298539
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/05/2024 06:34	WG2298539
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/05/2024 06:34	WG2298539
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 06:34	WG2298539
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 06:34	WG2298539
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 06:34	WG2298539
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 06:34	WG2298539
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 06:34	WG2298539
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 06:34	WG2298539
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 06:34	WG2298539
Ethylbenzene	0.330		0.0212	0.100	1	06/05/2024 06:34	WG2298539
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 06:34	WG2298539
2-Hexanone	U		0.400	1.00	1	06/05/2024 06:34	WG2298539
n-Hexane	U	J3	0.0424	0.200	1	06/05/2024 06:34	WG2298539
Iodomethane	U		0.242	0.500	1	06/05/2024 06:34	WG2298539
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 06:34	WG2298539
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 06:34	WG2298539
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 06:34	WG2298539
Methylene Chloride	U		0.265	1.00	1	06/05/2024 06:34	WG2298539
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 06:34	WG2298539
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 06:34	WG2298539
Naphthalene	U		0.124	0.500	1	06/05/2024 06:34	WG2298539
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 06:34	WG2298539
Styrene	U		0.109	0.500	1	06/05/2024 06:34	WG2298539
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 06:34	WG2298539
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 06:34	WG2298539

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 06:34	WG2298539
Tetrachloroethene	U		0.0280	0.100	1	06/05/2024 06:34	WG2298539
Toluene	2.13		0.0500	0.200	1	06/05/2024 06:34	WG2298539
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 06:34	WG2298539
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 06:34	WG2298539
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 06:34	WG2298539
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 06:34	WG2298539
Trichloroethene	U		0.0160	0.0400	1	06/05/2024 06:34	WG2298539
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 06:34	WG2298539
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 06:34	WG2298539
1,2,4-Trimethylbenzene	0.241		0.0464	0.200	1	06/05/2024 06:34	WG2298539
1,2,3-Trimethylbenzene	0.0660	<u>U</u>	0.0460	0.200	1	06/05/2024 06:34	WG2298539
1,3,5-Trimethylbenzene	0.0840	<u>U</u>	0.0432	0.200	1	06/05/2024 06:34	WG2298539
Vinyl acetate	U		0.141	0.500	1	06/05/2024 06:34	WG2298539
Vinyl chloride	U	<u>U3</u>	0.0273	0.100	1	06/05/2024 06:34	WG2298539
Xylenes, Total	1.94		0.191	0.260	1	06/05/2024 06:34	WG2298539
(S) Toluene-d8	98.6			75.0-131		06/05/2024 06:34	WG2298539
(S) 4-Bromofluorobenzene	106			67.0-138		06/05/2024 06:34	WG2298539
(S) 1,2-Dichloroethane-d4	91.1			70.0-130		06/05/2024 06:34	WG2298539

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	959	J	594	5000	1	06/19/2024 15:00	WG2306764

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	14200		102	1000	1	06/17/2024 01:54	WG2306217

Metals (ICPMS) by Method 6020B

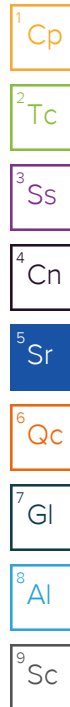
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	8610		28.1	100	1	06/24/2024 20:55	WG2300935
Manganese	1180		0.704	5.00	1	06/24/2024 20:55	WG2300935

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	17100		2.87	6.78	10	06/04/2024 15:42	WG2298329
Ethane	264		0.296	1.29	1	06/04/2024 10:34	WG2297123
Ethene	2.83		0.422	1.27	1	06/04/2024 10:34	WG2297123

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	06/05/2024 06:54	WG2298539
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 06:54	WG2298539
Benzene	U		0.0160	0.0400	1	06/05/2024 06:54	WG2298539
Bromobenzene	U		0.0420	0.500	1	06/05/2024 06:54	WG2298539
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 06:54	WG2298539
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 06:54	WG2298539
Bromoform	U		0.239	1.00	1	06/05/2024 06:54	WG2298539
Bromomethane	U	J3	0.148	0.500	1	06/05/2024 06:54	WG2298539
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 06:54	WG2298539
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 06:54	WG2298539
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 06:54	WG2298539
Carbon disulfide	U	J3	0.162	0.500	1	06/05/2024 06:54	WG2298539
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 06:54	WG2298539
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 06:54	WG2298539
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 06:54	WG2298539
Chloroethane	0.316	J3	0.0432	0.200	1	06/05/2024 06:54	WG2298539
Chloroform	U		0.0166	0.100	1	06/05/2024 06:54	WG2298539
Chloromethane	U	J3	0.0556	0.500	1	06/05/2024 06:54	WG2298539
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 06:54	WG2298539
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 06:54	WG2298539
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 06:54	WG2298539
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 06:54	WG2298539
Dibromomethane	U		0.0400	0.200	1	06/05/2024 06:54	WG2298539
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 06:54	WG2298539
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 06:54	WG2298539
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 06:54	WG2298539
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 06:54	WG2298539
Dichlorodifluoromethane	U	J3	0.0327	0.200	1	06/05/2024 06:54	WG2298539
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 06:54	WG2298539
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 06:54	WG2298539
1,1-Dichloroethene	U		0.0200	0.100	1	06/05/2024 06:54	WG2298539



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	3.75		0.0276	0.100	1	06/05/2024 06:54	WG2298539
trans-1,2-Dichloroethene	0.132	<u>J</u>	0.0572	0.200	1	06/05/2024 06:54	WG2298539
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 06:54	WG2298539
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 06:54	WG2298539
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 06:54	WG2298539
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 06:54	WG2298539
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 06:54	WG2298539
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 06:54	WG2298539
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 06:54	WG2298539
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 06:54	WG2298539
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 06:54	WG2298539
2-Hexanone	U		0.400	1.00	1	06/05/2024 06:54	WG2298539
n-Hexane	U	<u>J3</u>	0.0424	0.200	1	06/05/2024 06:54	WG2298539
Iodomethane	U		0.242	0.500	1	06/05/2024 06:54	WG2298539
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 06:54	WG2298539
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 06:54	WG2298539
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 06:54	WG2298539
Methylene Chloride	U		0.265	1.00	1	06/05/2024 06:54	WG2298539
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 06:54	WG2298539
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 06:54	WG2298539
Naphthalene	U		0.124	0.500	1	06/05/2024 06:54	WG2298539
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 06:54	WG2298539
Styrene	U		0.109	0.500	1	06/05/2024 06:54	WG2298539
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 06:54	WG2298539
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 06:54	WG2298539
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 06:54	WG2298539
Tetrachloroethene	U		0.0280	0.100	1	06/05/2024 06:54	WG2298539
Toluene	U		0.0500	0.200	1	06/05/2024 06:54	WG2298539
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 06:54	WG2298539
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 06:54	WG2298539
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 06:54	WG2298539
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 06:54	WG2298539
Trichloroethene	U		0.0160	0.0400	1	06/05/2024 06:54	WG2298539
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 06:54	WG2298539
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 06:54	WG2298539
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/05/2024 06:54	WG2298539
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 06:54	WG2298539
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 06:54	WG2298539
Vinyl acetate	U		0.141	0.500	1	06/05/2024 06:54	WG2298539
Vinyl chloride	5.24	<u>J3</u>	0.0273	0.100	1	06/05/2024 06:54	WG2298539
Xylenes, Total	U		0.191	0.260	1	06/05/2024 06:54	WG2298539
(S) Toluene-d8	101			75.0-131		06/05/2024 06:54	WG2298539
(S) 4-Bromofluorobenzene	101			67.0-138		06/05/2024 06:54	WG2298539
(S) 1,2-Dichloroethane-d4	87.1			70.0-130		06/05/2024 06:54	WG2298539

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 date / time	Batch
Sulfate	986	J	594	5000	1	06/19/2024 15:14	WG2306764

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	13800		102	1000	1	06/17/2024 02:11	WG2306217

Metals (ICPMS) by Method 6020B

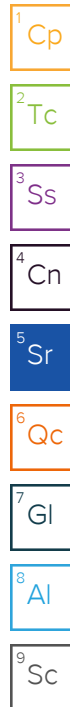
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	8830		28.1	100	1	06/24/2024 20:58	WG2300935
Manganese	1180		0.704	5.00	1	06/24/2024 20:58	WG2300935

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	17200		2.87	6.78	10	06/04/2024 15:48	WG2298329
Ethane	279		0.296	1.29	1	06/04/2024 11:43	WG2297123
Ethene	3.12		0.422	1.27	1	06/04/2024 11:43	WG2297123

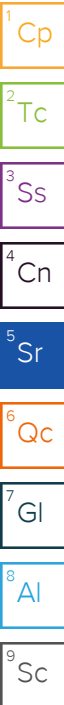
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	06/05/2024 07:13	WG2298539
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 07:13	WG2298539
Benzene	U		0.0160	0.0400	1	06/05/2024 07:13	WG2298539
Bromobenzene	U		0.0420	0.500	1	06/05/2024 07:13	WG2298539
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 07:13	WG2298539
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 07:13	WG2298539
Bromoform	U		0.239	1.00	1	06/05/2024 07:13	WG2298539
Bromomethane	U	J3	0.148	0.500	1	06/05/2024 07:13	WG2298539
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 07:13	WG2298539
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 07:13	WG2298539
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 07:13	WG2298539
Carbon disulfide	U	J3	0.162	0.500	1	06/05/2024 07:13	WG2298539
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 07:13	WG2298539
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 07:13	WG2298539
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 07:13	WG2298539
Chloroethane	0.410	J3	0.0432	0.200	1	06/05/2024 07:13	WG2298539
Chloroform	U		0.0166	0.100	1	06/05/2024 07:13	WG2298539
Chloromethane	U	J3	0.0556	0.500	1	06/05/2024 07:13	WG2298539
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 07:13	WG2298539
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 07:13	WG2298539
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 07:13	WG2298539
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 07:13	WG2298539
Dibromomethane	U		0.0400	0.200	1	06/05/2024 07:13	WG2298539
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 07:13	WG2298539
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 07:13	WG2298539
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 07:13	WG2298539
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 07:13	WG2298539
Dichlorodifluoromethane	U	J3	0.0327	0.200	1	06/05/2024 07:13	WG2298539
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 07:13	WG2298539
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 07:13	WG2298539
1,1-Dichloroethene	U		0.0200	0.100	1	06/05/2024 07:13	WG2298539



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	4.55		0.0276	0.100	1	06/05/2024 07:13	WG2298539
trans-1,2-Dichloroethene	0.151	<u>J</u>	0.0572	0.200	1	06/05/2024 07:13	WG2298539
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 07:13	WG2298539
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 07:13	WG2298539
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 07:13	WG2298539
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 07:13	WG2298539
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 07:13	WG2298539
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 07:13	WG2298539
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 07:13	WG2298539
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 07:13	WG2298539
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 07:13	WG2298539
2-Hexanone	U		0.400	1.00	1	06/05/2024 07:13	WG2298539
n-Hexane	U	<u>J3</u>	0.0424	0.200	1	06/05/2024 07:13	WG2298539
Iodomethane	U		0.242	0.500	1	06/05/2024 07:13	WG2298539
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 07:13	WG2298539
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 07:13	WG2298539
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 07:13	WG2298539
Methylene Chloride	U		0.265	1.00	1	06/05/2024 07:13	WG2298539
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 07:13	WG2298539
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 07:13	WG2298539
Naphthalene	U		0.124	0.500	1	06/05/2024 07:13	WG2298539
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 07:13	WG2298539
Styrene	U		0.109	0.500	1	06/05/2024 07:13	WG2298539
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 07:13	WG2298539
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 07:13	WG2298539
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 07:13	WG2298539
Tetrachloroethene	U		0.0280	0.100	1	06/05/2024 07:13	WG2298539
Toluene	U		0.0500	0.200	1	06/05/2024 07:13	WG2298539
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 07:13	WG2298539
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 07:13	WG2298539
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 07:13	WG2298539
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 07:13	WG2298539
Trichloroethene	U		0.0160	0.0400	1	06/05/2024 07:13	WG2298539
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 07:13	WG2298539
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 07:13	WG2298539
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/05/2024 07:13	WG2298539
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 07:13	WG2298539
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 07:13	WG2298539
Vinyl acetate	U		0.141	0.500	1	06/05/2024 07:13	WG2298539
Vinyl chloride	6.03	<u>J3</u>	0.0273	0.100	1	06/05/2024 07:13	WG2298539
Xylenes, Total	U		0.191	0.260	1	06/05/2024 07:13	WG2298539
(S) Toluene-d8	99.2			75.0-131		06/05/2024 07:13	WG2298539
(S) 4-Bromofluorobenzene	101			67.0-138		06/05/2024 07:13	WG2298539
(S) 1,2-Dichloroethane-d4	92.5			70.0-130		06/05/2024 07:13	WG2298539



Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	10400		594	5000	1	06/19/2024 15:27	WG2306764

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	52000		204	2000	2	06/18/2024 08:07	WG2306451

Metals (ICPMS) by Method 6020B

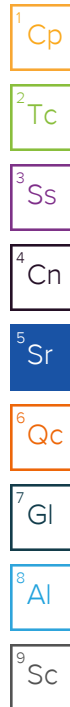
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	42600		28.1	100	1	06/24/2024 21:01	WG2300935
Manganese	1240		0.704	5.00	1	06/24/2024 21:01	WG2300935

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	26800		2.87	6.78	10	06/04/2024 15:54	WG2298329
Ethane	529		0.296	1.29	1	06/04/2024 12:04	WG2297123
Ethene	1140		0.422	1.27	1	06/04/2024 12:04	WG2297123

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	1.70		0.548	1.00	1	06/05/2024 07:33	WG2298539
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 07:33	WG2298539
Benzene	0.104		0.0160	0.0400	1	06/05/2024 07:33	WG2298539
Bromobenzene	U		0.0420	0.500	1	06/05/2024 07:33	WG2298539
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 07:33	WG2298539
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 07:33	WG2298539
Bromoform	U		0.239	1.00	1	06/05/2024 07:33	WG2298539
Bromomethane	U	J3	0.148	0.500	1	06/05/2024 07:33	WG2298539
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 07:33	WG2298539
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 07:33	WG2298539
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 07:33	WG2298539
Carbon disulfide	0.372	J J3	0.162	0.500	1	06/05/2024 07:33	WG2298539
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 07:33	WG2298539
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 07:33	WG2298539
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 07:33	WG2298539
Chloroethane	U	J3	0.0432	0.200	1	06/05/2024 07:33	WG2298539
Chloroform	U		0.0166	0.100	1	06/05/2024 07:33	WG2298539
Chloromethane	U	J3	0.0556	0.500	1	06/05/2024 07:33	WG2298539
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 07:33	WG2298539
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 07:33	WG2298539
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 07:33	WG2298539
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 07:33	WG2298539
Dibromomethane	U		0.0400	0.200	1	06/05/2024 07:33	WG2298539
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 07:33	WG2298539
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 07:33	WG2298539
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 07:33	WG2298539
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 07:33	WG2298539
Dichlorodifluoromethane	U	J3	0.0327	0.200	1	06/05/2024 07:33	WG2298539
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 07:33	WG2298539
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 07:33	WG2298539
1,1-Dichloroethene	15.4		0.0200	0.100	1	06/05/2024 07:33	WG2298539



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	7480		5.52	20.0	200	06/09/2024 13:13	WG2300439
trans-1,2-Dichloroethene	62.4		0.0572	0.200	1	06/05/2024 07:33	WG2298539
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 07:33	WG2298539
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 07:33	WG2298539
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 07:33	WG2298539
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 07:33	WG2298539
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 07:33	WG2298539
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 07:33	WG2298539
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 07:33	WG2298539
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 07:33	WG2298539
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 07:33	WG2298539
2-Hexanone	U		0.400	1.00	1	06/05/2024 07:33	WG2298539
n-Hexane	U	J3	0.0424	0.200	1	06/05/2024 07:33	WG2298539
Iodomethane	U		0.242	0.500	1	06/05/2024 07:33	WG2298539
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 07:33	WG2298539
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 07:33	WG2298539
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 07:33	WG2298539
Methylene Chloride	U		0.265	1.00	1	06/05/2024 07:33	WG2298539
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 07:33	WG2298539
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 07:33	WG2298539
Naphthalene	U		0.124	0.500	1	06/05/2024 07:33	WG2298539
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 07:33	WG2298539
Styrene	U		0.109	0.500	1	06/05/2024 07:33	WG2298539
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 07:33	WG2298539
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 07:33	WG2298539
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 07:33	WG2298539
Tetrachloroethene	U		0.0280	0.100	1	06/05/2024 07:33	WG2298539
Toluene	0.0690	J	0.0500	0.200	1	06/05/2024 07:33	WG2298539
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 07:33	WG2298539
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 07:33	WG2298539
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 07:33	WG2298539
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 07:33	WG2298539
Trichloroethene	0.631		0.0160	0.0400	1	06/05/2024 07:33	WG2298539
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 07:33	WG2298539
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 07:33	WG2298539
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/05/2024 07:33	WG2298539
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 07:33	WG2298539
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 07:33	WG2298539
Vinyl acetate	U		0.141	0.500	1	06/05/2024 07:33	WG2298539
Vinyl chloride	2370		5.46	20.0	200	06/09/2024 13:13	WG2300439
Xylenes, Total	U		0.191	0.260	1	06/05/2024 07:33	WG2298539
(S) Toluene-d8	101			75.0-131		06/05/2024 07:33	WG2298539
(S) Toluene-d8	109			75.0-131		06/09/2024 13:13	WG2300439
(S) 4-Bromofluorobenzene	101			67.0-138		06/05/2024 07:33	WG2298539
(S) 4-Bromofluorobenzene	98.9			67.0-138		06/09/2024 13:13	WG2300439
(S) 1,2-Dichloroethane-d4	89.5			70.0-130		06/05/2024 07:33	WG2298539
(S) 1,2-Dichloroethane-d4	90.0			70.0-130		06/09/2024 13:13	WG2300439

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

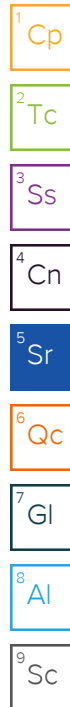
7 Gl

8 Al

9 Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	06/05/2024 07:53	WG2298539
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 07:53	WG2298539
Benzene	U		0.0160	0.0400	1	06/05/2024 07:53	WG2298539
Bromobenzene	U		0.0420	0.500	1	06/05/2024 07:53	WG2298539
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 07:53	WG2298539
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 07:53	WG2298539
Bromoform	U		0.239	1.00	1	06/05/2024 07:53	WG2298539
Bromomethane	U	J3	0.148	0.500	1	06/05/2024 07:53	WG2298539
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 07:53	WG2298539
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 07:53	WG2298539
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 07:53	WG2298539
Carbon disulfide	U	J3	0.162	0.500	1	06/05/2024 07:53	WG2298539
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 07:53	WG2298539
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 07:53	WG2298539
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 07:53	WG2298539
Chloroethane	U	J3	0.0432	0.200	1	06/05/2024 07:53	WG2298539
Chloroform	U		0.0166	0.100	1	06/05/2024 07:53	WG2298539
Chloromethane	U	J3	0.0556	0.500	1	06/05/2024 07:53	WG2298539
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 07:53	WG2298539
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 07:53	WG2298539
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 07:53	WG2298539
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 07:53	WG2298539
Dibromomethane	U		0.0400	0.200	1	06/05/2024 07:53	WG2298539
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 07:53	WG2298539
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 07:53	WG2298539
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 07:53	WG2298539
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 07:53	WG2298539
Dichlorodifluoromethane	U	J3	0.0327	0.200	1	06/05/2024 07:53	WG2298539
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 07:53	WG2298539
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 07:53	WG2298539
1,1-Dichloroethene	U		0.0200	0.100	1	06/05/2024 07:53	WG2298539
cis-1,2-Dichloroethene	2.91		0.0276	0.100	1	06/09/2024 12:52	WG2300439
trans-1,2-Dichloroethene	0.0870	J	0.0572	0.200	1	06/05/2024 07:53	WG2298539
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 07:53	WG2298539
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 07:53	WG2298539
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 07:53	WG2298539
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 07:53	WG2298539
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 07:53	WG2298539
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 07:53	WG2298539
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 07:53	WG2298539
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 07:53	WG2298539
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 07:53	WG2298539
2-Hexanone	U		0.400	1.00	1	06/05/2024 07:53	WG2298539
n-Hexane	U	J3	0.0424	0.200	1	06/05/2024 07:53	WG2298539
Iodomethane	U		0.242	0.500	1	06/05/2024 07:53	WG2298539
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 07:53	WG2298539
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 07:53	WG2298539
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 07:53	WG2298539
Methylene Chloride	U		0.265	1.00	1	06/05/2024 07:53	WG2298539
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 07:53	WG2298539
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 07:53	WG2298539
Naphthalene	U		0.124	0.500	1	06/05/2024 07:53	WG2298539
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 07:53	WG2298539
Styrene	U		0.109	0.500	1	06/05/2024 07:53	WG2298539
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 07:53	WG2298539
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 07:53	WG2298539



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 07:53	WG2298539
Tetrachloroethene	U		0.0280	0.100	1	06/05/2024 07:53	WG2298539
Toluene	U		0.0500	0.200	1	06/05/2024 07:53	WG2298539
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 07:53	WG2298539
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 07:53	WG2298539
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 07:53	WG2298539
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 07:53	WG2298539
Trichloroethene	0.398		0.0160	0.0400	1	06/05/2024 07:53	WG2298539
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 07:53	WG2298539
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 07:53	WG2298539
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/05/2024 07:53	WG2298539
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 07:53	WG2298539
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 07:53	WG2298539
Vinyl acetate	U		0.141	0.500	1	06/05/2024 07:53	WG2298539
Vinyl chloride	U		0.0273	0.100	1	06/09/2024 12:52	WG2300439
Xylenes, Total	U		0.191	0.260	1	06/05/2024 07:53	WG2298539
(S) Toluene-d8	99.0			75.0-131		06/05/2024 07:53	WG2298539
(S) Toluene-d8	107			75.0-131		06/09/2024 12:52	WG2300439
(S) 4-Bromofluorobenzene	96.9			67.0-138		06/05/2024 07:53	WG2298539
(S) 4-Bromofluorobenzene	98.1			67.0-138		06/09/2024 12:52	WG2300439
(S) 1,2-Dichloroethane-d4	95.1			70.0-130		06/05/2024 07:53	WG2298539
(S) 1,2-Dichloroethane-d4	92.4			70.0-130		06/09/2024 12:52	WG2300439

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

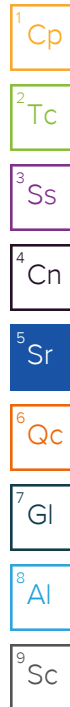
7Gl

8Al

9Sc

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	3.49		0.548	1.00	1	06/05/2024 06:14	WG2298539
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 06:14	WG2298539
Benzene	U		0.0160	0.0400	1	06/05/2024 06:14	WG2298539
Bromobenzene	U		0.0420	0.500	1	06/05/2024 06:14	WG2298539
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 06:14	WG2298539
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 06:14	WG2298539
Bromoform	U		0.239	1.00	1	06/05/2024 06:14	WG2298539
Bromomethane	U	J3	0.148	0.500	1	06/05/2024 06:14	WG2298539
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 06:14	WG2298539
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 06:14	WG2298539
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 06:14	WG2298539
Carbon disulfide	U	J3	0.162	0.500	1	06/05/2024 06:14	WG2298539
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 06:14	WG2298539
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 06:14	WG2298539
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 06:14	WG2298539
Chloroethane	U	J3	0.0432	0.200	1	06/05/2024 06:14	WG2298539
Chloroform	U		0.0166	0.100	1	06/05/2024 06:14	WG2298539
Chloromethane	U	J3	0.0556	0.500	1	06/05/2024 06:14	WG2298539
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 06:14	WG2298539
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 06:14	WG2298539
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 06:14	WG2298539
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 06:14	WG2298539
Dibromomethane	U		0.0400	0.200	1	06/05/2024 06:14	WG2298539
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 06:14	WG2298539
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 06:14	WG2298539
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 06:14	WG2298539
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 06:14	WG2298539
Dichlorodifluoromethane	U	J3	0.0327	0.200	1	06/05/2024 06:14	WG2298539
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 06:14	WG2298539
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 06:14	WG2298539
1,1-Dichloroethene	U		0.0200	0.100	1	06/05/2024 06:14	WG2298539
cis-1,2-Dichloroethene	U		0.0276	0.100	1	06/05/2024 06:14	WG2298539
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/05/2024 06:14	WG2298539
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 06:14	WG2298539
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 06:14	WG2298539
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 06:14	WG2298539
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 06:14	WG2298539
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 06:14	WG2298539
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 06:14	WG2298539
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 06:14	WG2298539
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 06:14	WG2298539
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 06:14	WG2298539
2-Hexanone	U		0.400	1.00	1	06/05/2024 06:14	WG2298539
n-Hexane	U	J3	0.0424	0.200	1	06/05/2024 06:14	WG2298539
Iodomethane	U		0.242	0.500	1	06/05/2024 06:14	WG2298539
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 06:14	WG2298539
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 06:14	WG2298539
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 06:14	WG2298539
Methylene Chloride	0.286	J	0.265	1.00	1	06/05/2024 06:14	WG2298539
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 06:14	WG2298539
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 06:14	WG2298539
Naphthalene	U		0.124	0.500	1	06/05/2024 06:14	WG2298539
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 06:14	WG2298539
Styrene	U		0.109	0.500	1	06/05/2024 06:14	WG2298539
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 06:14	WG2298539
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 06:14	WG2298539



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 06:14	WG2298539
Tetrachloroethene	U		0.0280	0.100	1	06/05/2024 06:14	WG2298539
Toluene	U		0.0500	0.200	1	06/05/2024 06:14	WG2298539
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 06:14	WG2298539
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 06:14	WG2298539
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 06:14	WG2298539
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 06:14	WG2298539
Trichloroethene	U		0.0160	0.0400	1	06/05/2024 06:14	WG2298539
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 06:14	WG2298539
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 06:14	WG2298539
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/05/2024 06:14	WG2298539
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 06:14	WG2298539
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 06:14	WG2298539
Vinyl acetate	U		0.141	0.500	1	06/05/2024 06:14	WG2298539
Vinyl chloride	U	J3	0.0273	0.100	1	06/05/2024 06:14	WG2298539
Xylenes, Total	U		0.191	0.260	1	06/05/2024 06:14	WG2298539
(S) Toluene-d8	101			75.0-131		06/05/2024 06:14	WG2298539
(S) 4-Bromofluorobenzene	101			67.0-138		06/05/2024 06:14	WG2298539
(S) 1,2-Dichloroethane-d4	94.4			70.0-130		06/05/2024 06:14	WG2298539

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4084491-1 06/19/24 09:11

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

L1741117-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1741117-01 06/19/24 11:52 • (DUP) R4084491-3 06/19/24 12:06

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	14800	15400	1	3.69		15

L1741162-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1741162-06 06/19/24 18:02 • (DUP) R4084491-5 06/19/24 18:15

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	271000	260000	1	4.25	E	15

L1741162-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1741162-06 06/19/24 19:09 • (DUP) R4084491-6 06/19/24 18:29

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	263000	281000	10	6.45		15

Sample Narrative:
OS: Dilution due to matrix interference

Laboratory Control Sample (LCS)

(LCS) R4084491-2 06/19/24 09:24

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	38100	95.3	80.0-120	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1741117-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1741117-01 06/19/24 11:52 • (MS) R4084491-4 06/19/24 12:19

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Sulfate	40000	14800	51400	91.3	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4082475-9 06/16/24 17:13

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	192	⬇	102	1000

L1740161-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1740161-02 06/16/24 19:01 • (DUP) R4082475-10 06/16/24 19:18

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	807	778	1	3.71	⬇	20

L1740632-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1740632-02 06/16/24 23:59 • (DUP) R4082475-13 06/17/24 00:16

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	530	304	1	54.1	⬇ P1	20

Laboratory Control Sample (LCS)

(LCS) R4082475-1 06/16/24 16:53

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	25100	100	85.0-115	

L1740521-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740521-01 06/16/24 20:02 • (MS) R4082475-11 06/16/24 20:26 • (MSD) R4082475-12 06/16/24 20:50

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	2230	28700	28700	106	106	1	85.0-115			0.209	20

L1740632-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1740632-03 06/17/24 00:33 • (MS) R4082475-14 06/17/24 00:57 • (MSD) R4082475-15 06/17/24 01:21

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	442	25700	25400	101	99.9	1	85.0-115			1.06	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4082480-2 06/16/24 21:51

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	217	⬇	102	1000

L1741051-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1741051-01 06/16/24 22:49 • (DUP) R4082480-3 06/16/24 23:04

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	2630	2570	1	2.19		20

Laboratory Control Sample (LCS)

(LCS) R4082480-1 06/16/24 21:38

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	24300	97.2	85.0-115	

L1741079-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1741079-01 06/16/24 23:20 • (MS) R4082480-4 06/16/24 23:37 • (MSD) R4082480-5 06/16/24 23:54

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	3750	28000	28300	97.0	98.3	1	85.0-115			1.10	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4084114-2 06/18/24 07:44

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

L1741965-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1741965-01 06/18/24 09:09 • (DUP) R4084114-3 06/18/24 09:47

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	460	397	1	14.8	J	20

L1741965-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1741965-08 06/18/24 13:17 • (DUP) R4084114-6 06/18/24 13:34

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	139	109	1	23.7	J P1	20

Laboratory Control Sample (LCS)

(LCS) R4084114-1 06/18/24 07:27

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	24600	98.4	85.0-115	

L1741965-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1741965-02 06/18/24 10:04 • (MS) R4084114-4 06/18/24 10:27 • (MSD) R4084114-5 06/18/24 10:49

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	298	25200	25100	99.4	99.3	1	85.0-115			0.0796	20

L1741965-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1741965-09 06/18/24 13:52 • (MS) R4084114-7 06/18/24 14:14 • (MSD) R4084114-8 06/18/24 14:36

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	115	25100	25200	99.7	100	1	85.0-115			0.557	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4085889-1 06/24/24 20:01

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) R4085889-2 06/24/24 20:04

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Iron	1000	1090	109	80.0-120	
Manganese	50.0	51.9	104	80.0-120	

L1741040-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1741040-01 06/24/24 20:07 • (MS) R4085889-4 06/24/24 20:14 • (MSD) R4085889-5 06/24/24 20:17

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	1000	U	1060	1020	106	102	1	75.0-125			3.54	20
Manganese	50.0	34.5	82.5	80.3	96.1	91.7	1	75.0-125			2.74	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4076556-2 06/03/24 10:57

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

L1740767-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1740767-07 06/03/24 11:00 • (DUP) R4076556-3 06/03/24 11:45

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

L1741118-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1741118-01 06/03/24 12:08 • (DUP) R4076556-4 06/03/24 12:43

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

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

(LCS) R4076556-1 06/03/24 10:54 • (LCSD) R4076556-5 06/03/24 13:25

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Ethane	129	114	114	88.4	88.4	85.0-115			0.000	20
Ethene	127	115	114	90.6	89.8	85.0-115			0.873	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4076978-2 06/04/24 09:42

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

L1741124-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1741124-07 06/04/24 09:58 • (DUP) R4076978-3 06/04/24 11:59

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

L1741135-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1741135-03 06/04/24 12:24 • (DUP) R4076978-4 06/04/24 13:38

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

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

(LCS) R4076978-1 06/04/24 09:39 • (LCSD) R4076978-5 06/04/24 13:41

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Ethane	129	119	117	92.2	90.7	85.0-115			1.69	20
Ethene	127	117	117	92.1	92.1	85.0-115			0.000	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4076675-2 06/03/24 15:34

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

¹Cp

²Tc

³Ss

L1740728-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1740728-06 06/03/24 15:40 • (DUP) R4076675-3 06/03/24 16:53

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	10700	10800	10	0.930		20

⁴Cn

⁵Sr

⁶Qc

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

(LCS) R4076675-1 06/03/24 15:32 • (LCSD) R4076675-4 06/03/24 17:15

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	66.5	59.6	98.1	87.9	85.0-115			10.9	20

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4077173-2 06/04/24 15:08

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

L1741126-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1741126-04 06/04/24 15:18 • (DUP) R4077173-3 06/04/24 16:16

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	29700	29400	10	1.02		20

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

(LCS) R4077173-1 06/04/24 15:05 • (LCSD) R4077173-4 06/04/24 16:55

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	63.5	65.5	93.7	96.6	85.0-115			3.10	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4076931-3 06/03/24 07:52

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
Bromochloromethane	U		0.0452	0.200
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 disulfide	U		0.162	0.500
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	0.200
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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4076931-3 06/03/24 07:52

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.0212	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
2-Hexanone	U		0.400	1.00
n-Hexane	U		0.0424	0.200
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl acetate	U		0.141	0.500
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	102			75.0-131
(S) 4-Bromofluorobenzene	97.4			67.0-138
(S) 1,2-Dichloroethane-d4	97.8			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4076931-1 06/03/24 06:35 • (LCSD) R4076931-2 06/03/24 06:54

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	26.3	28.2	105	113	10.0-160			6.97	31
Acrylonitrile	25.0	33.7	29.5	135	118	45.0-153			13.3	22
Benzene	5.00	4.90	4.80	98.0	96.0	70.0-123			2.06	20
Bromobenzene	5.00	4.35	4.77	87.0	95.4	73.0-121			9.21	20
Bromochloromethane	5.00	4.79	4.78	95.8	95.6	77.0-128			0.209	20
Bromodichloromethane	5.00	4.72	4.45	94.4	89.0	73.0-121			5.89	20
Bromoform	5.00	4.08	4.11	81.6	82.2	64.0-132			0.733	20
Bromomethane	5.00	2.70	3.24	54.0	64.8	56.0-147	J4		18.2	20
n-Butylbenzene	5.00	5.87	5.00	117	100	68.0-135			16.0	20
sec-Butylbenzene	5.00	5.69	5.48	114	110	74.0-130			3.76	20
tert-Butylbenzene	5.00	5.44	5.32	109	106	75.0-127			2.23	20
Carbon disulfide	5.00	4.91	5.11	98.2	102	56.0-133			3.99	20
Carbon tetrachloride	5.00	4.82	4.95	96.4	99.0	66.0-128			2.66	20
Chlorobenzene	5.00	4.72	4.60	94.4	92.0	76.0-128			2.58	20
Chlorodibromomethane	5.00	4.29	4.29	85.8	85.8	74.0-127			0.000	20
Chloroethane	5.00	3.42	4.07	68.4	81.4	61.0-134			17.4	20
Chloroform	5.00	4.67	4.63	93.4	92.6	72.0-123			0.860	20
Chloromethane	5.00	5.29	4.93	106	98.6	51.0-138			7.05	20
2-Chlorotoluene	5.00	4.66	4.85	93.2	97.0	75.0-124			4.00	20
4-Chlorotoluene	5.00	4.83	5.03	96.6	101	75.0-124			4.06	20
1,2-Dibromo-3-Chloropropane	5.00	5.06	4.45	101	89.0	59.0-130			12.8	20
1,2-Dibromoethane	5.00	4.71	4.59	94.2	91.8	74.0-128			2.58	20
Dibromomethane	5.00	4.35	4.21	87.0	84.2	75.0-122			3.27	20
1,2-Dichlorobenzene	5.00	5.06	4.79	101	95.8	76.0-124			5.48	20
1,3-Dichlorobenzene	5.00	4.89	4.81	97.8	96.2	76.0-125			1.65	20
1,4-Dichlorobenzene	5.00	4.55	4.71	91.0	94.2	77.0-121			3.46	20
trans-1,4-Dichloro-2-butene	5.00	3.68	4.52	73.6	90.4	45.0-143		J3	20.5	20
Dichlorodifluoromethane	5.00	6.87	6.48	137	130	43.0-156			5.84	20
1,1-Dichloroethane	5.00	5.19	5.30	104	106	70.0-127			2.10	20
1,2-Dichloroethane	5.00	5.07	4.72	101	94.4	65.0-131			7.15	20
1,1-Dichloroethene	5.00	6.00	5.53	120	111	65.0-131			8.15	20
cis-1,2-Dichloroethene	5.00	4.51	4.59	90.2	91.8	73.0-125			1.76	20
trans-1,2-Dichloroethene	5.00	4.56	4.67	91.2	93.4	71.0-125			2.38	20
1,2-Dichloropropane	5.00	5.46	5.30	109	106	74.0-125			2.97	20
1,1-Dichloropropene	5.00	5.55	5.10	111	102	73.0-125			8.45	20
1,3-Dichloropropane	5.00	4.71	4.74	94.2	94.8	80.0-125			0.635	20
cis-1,3-Dichloropropene	5.00	5.11	4.97	102	99.4	76.0-127			2.78	20
trans-1,3-Dichloropropene	5.00	4.96	4.68	99.2	93.6	73.0-127			5.81	20
2,2-Dichloropropane	5.00	4.57	4.61	91.4	92.2	59.0-135			0.871	20
Di-isopropyl ether	5.00	5.86	5.89	117	118	60.0-136			0.511	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4076931-1 06/03/24 06:35 • (LCSD) R4076931-2 06/03/24 06:54

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 %
Ethylbenzene	5.00	4.84	4.94	96.8	98.8	74.0-126			2.04	20
Hexachloro-1,3-butadiene	5.00	6.53	4.91	131	98.2	57.0-150		J3	28.3	20
2-Hexanone	25.0	28.2	28.2	113	113	54.0-147			0.000	20
n-Hexane	5.00	6.20	5.71	124	114	55.0-137			8.23	20
Iodomethane	25.0	22.1	21.9	88.4	87.6	74.0-134			0.909	20
Isopropylbenzene	5.00	5.58	5.12	112	102	72.0-127			8.60	20
p-Isopropyltoluene	5.00	5.59	5.27	112	105	72.0-133			5.89	20
2-Butanone (MEK)	25.0	35.6	30.6	142	122	30.0-160			15.1	24
Methylene Chloride	5.00	4.58	5.01	91.6	100	68.0-123			8.97	20
4-Methyl-2-pentanone (MIBK)	25.0	29.9	29.5	120	118	56.0-143			1.35	20
Methyl tert-butyl ether	5.00	4.81	5.14	96.2	103	66.0-132			6.63	20
Naphthalene	5.00	5.07	3.79	101	75.8	59.0-130		J3	28.9	20
n-Propylbenzene	5.00	5.24	5.36	105	107	74.0-126			2.26	20
Styrene	5.00	5.03	4.78	101	95.6	72.0-127			5.10	20
1,1,1,2-Tetrachloroethane	5.00	4.84	4.63	96.8	92.6	74.0-129			4.44	20
1,1,2,2-Tetrachloroethane	5.00	4.57	4.80	91.4	96.0	68.0-128			4.91	20
1,1,2-Trichlorotrifluoroethane	5.00	5.77	5.53	115	111	61.0-139			4.25	20
Tetrachloroethene	5.00	4.94	4.76	98.8	95.2	70.0-136			3.71	20
Toluene	5.00	4.70	4.66	94.0	93.2	75.0-121			0.855	20
1,2,3-Trichlorobenzene	5.00	7.20	5.03	144	101	59.0-139	J4	J3	35.5	20
1,2,4-Trichlorobenzene	5.00	5.30	3.88	106	77.6	62.0-137		J3	30.9	20
1,1,1-Trichloroethane	5.00	5.30	5.12	106	102	69.0-126			3.45	20
1,1,2-Trichloroethane	5.00	4.58	4.42	91.6	88.4	78.0-123			3.56	20
Trichloroethene	5.00	5.20	4.95	104	99.0	76.0-126			4.93	20
Trichlorofluoromethane	5.00	3.67	3.92	73.4	78.4	61.0-142	J	J	6.59	20
1,2,3-Trichloropropane	5.00	4.29	4.44	85.8	88.8	67.0-129			3.44	20
1,2,4-Trimethylbenzene	5.00	5.45	5.34	109	107	70.0-126			2.04	20
1,2,3-Trimethylbenzene	5.00	5.15	4.92	103	98.4	74.0-124			4.57	20
1,3,5-Trimethylbenzene	5.00	5.35	5.28	107	106	73.0-127			1.32	20
Vinyl acetate	25.0	19.5	18.8	78.0	75.2	43.0-159			3.66	20
Vinyl chloride	5.00	5.02	4.36	100	87.2	63.0-134			14.1	20
Xylenes, Total	15.0	12.7	14.4	84.7	96.0	72.0-127			12.5	20
(S) Toluene-d8				98.8	97.8	75.0-131				
(S) 4-Bromofluorobenzene				104	96.7	67.0-138				
(S) 1,2-Dichloroethane-d4				99.1	92.9	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4078412-3 06/05/24 03:57

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
Bromochloromethane	U		0.0452	0.200
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 disulfide	U		0.162	0.500
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	0.200
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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4078412-3 06/05/24 03:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.0212	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
2-Hexanone	U		0.400	1.00
n-Hexane	U		0.0424	0.200
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl acetate	U		0.141	0.500
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	101			75.0-131
(S) 4-Bromofluorobenzene	98.0			67.0-138
(S) 1,2-Dichloroethane-d4	91.8			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4078412-1 06/05/24 02:38 • (LCSD) R4078412-2 06/05/24 02:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	20.7	20.4	82.8	81.6	10.0-160			1.46	31
Acrylonitrile	25.0	23.3	22.1	93.2	88.4	45.0-153			5.29	22
Benzene	5.00	5.01	4.37	100	87.4	70.0-123			13.6	20
Bromobenzene	5.00	4.83	4.58	96.6	91.6	73.0-121			5.31	20
Bromochloromethane	5.00	5.28	5.00	106	100	77.0-128			5.45	20
Bromodichloromethane	5.00	4.85	4.57	97.0	91.4	73.0-121			5.94	20
Bromoform	5.00	4.68	4.39	93.6	87.8	64.0-132			6.39	20
Bromomethane	5.00	4.43	3.02	88.6	60.4	56.0-147		J3	37.9	20
n-Butylbenzene	5.00	5.70	5.29	114	106	68.0-135			7.46	20
sec-Butylbenzene	5.00	5.13	4.73	103	94.6	74.0-130			8.11	20
tert-Butylbenzene	5.00	5.16	4.68	103	93.6	75.0-127			9.76	20
Carbon disulfide	5.00	5.18	3.65	104	73.0	56.0-133		J3	34.7	20
Carbon tetrachloride	5.00	5.34	4.80	107	96.0	66.0-128			10.7	20
Chlorobenzene	5.00	5.25	4.75	105	95.0	76.0-128			10.0	20
Chlorodibromomethane	5.00	5.12	4.56	102	91.2	74.0-127			11.6	20
Chloroethane	5.00	4.78	3.87	95.6	77.4	61.0-134		J3	21.0	20
Chloroform	5.00	5.16	4.48	103	89.6	72.0-123			14.1	20
Chloromethane	5.00	5.20	4.00	104	80.0	51.0-138		J3	26.1	20
2-Chlorotoluene	5.00	5.07	4.68	101	93.6	75.0-124			8.00	20
4-Chlorotoluene	5.00	4.83	4.41	96.6	88.2	75.0-124			9.09	20
1,2-Dibromo-3-Chloropropane	5.00	3.99	3.81	79.8	76.2	59.0-130			4.62	20
1,2-Dibromoethane	5.00	5.21	4.64	104	92.8	74.0-128			11.6	20
Dibromomethane	5.00	5.10	4.65	102	93.0	75.0-122			9.23	20
1,2-Dichlorobenzene	5.00	5.10	4.81	102	96.2	76.0-124			5.85	20
1,3-Dichlorobenzene	5.00	5.29	4.96	106	99.2	76.0-125			6.44	20
1,4-Dichlorobenzene	5.00	5.07	4.66	101	93.2	77.0-121			8.43	20
trans-1,4-Dichloro-2-butene	5.00	4.66	4.15	93.2	83.0	45.0-143			11.6	20
Dichlorodifluoromethane	5.00	6.51	4.34	130	86.8	43.0-156		J3	40.0	20
1,1-Dichloroethane	5.00	5.16	4.48	103	89.6	70.0-127			14.1	20
1,2-Dichloroethane	5.00	4.71	4.22	94.2	84.4	65.0-131			11.0	20
1,1-Dichloroethene	5.00	5.36	4.45	107	89.0	65.0-131			18.6	20
cis-1,2-Dichloroethene	5.00	5.45	4.74	109	94.8	73.0-125			13.9	20
trans-1,2-Dichloroethene	5.00	5.59	4.58	112	91.6	71.0-125			19.9	20
1,2-Dichloropropane	5.00	4.91	4.31	98.2	86.2	74.0-125			13.0	20
1,1-Dichloropropene	5.00	5.39	4.46	108	89.2	73.0-125			18.9	20
1,3-Dichloropropane	5.00	5.19	4.62	104	92.4	80.0-125			11.6	20
cis-1,3-Dichloropropene	5.00	4.93	4.53	98.6	90.6	76.0-127			8.46	20
trans-1,3-Dichloropropene	5.00	5.15	4.65	103	93.0	73.0-127			10.2	20
2,2-Dichloropropane	5.00	5.05	4.75	101	95.0	59.0-135			6.12	20
Di-isopropyl ether	5.00	4.76	4.46	95.2	89.2	60.0-136			6.51	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4078412-1 06/05/24 02:38 • (LCSD) R4078412-2 06/05/24 02:58

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 %
Ethylbenzene	5.00	5.57	4.64	111	92.8	74.0-126			18.2	20
Hexachloro-1,3-butadiene	5.00	5.62	4.98	112	99.6	57.0-150			12.1	20
2-Hexanone	25.0	24.6	22.2	98.4	88.8	54.0-147			10.3	20
n-Hexane	5.00	4.86	3.91	97.2	78.2	55.0-137		J3	21.7	20
Iodomethane	25.0	25.2	21.2	101	84.8	74.0-134			17.2	20
Isopropylbenzene	5.00	5.46	4.79	109	95.8	72.0-127			13.1	20
p-Isopropyltoluene	5.00	5.32	4.80	106	96.0	72.0-133			10.3	20
2-Butanone (MEK)	25.0	25.0	24.9	100	99.6	30.0-160			0.401	24
Methylene Chloride	5.00	5.16	4.58	103	91.6	68.0-123			11.9	20
4-Methyl-2-pentanone (MIBK)	25.0	23.0	21.4	92.0	85.6	56.0-143			7.21	20
Methyl tert-butyl ether	5.00	5.04	4.81	101	96.2	66.0-132			4.67	20
Naphthalene	5.00	4.88	4.96	97.6	99.2	59.0-130			1.63	20
n-Propylbenzene	5.00	4.90	4.47	98.0	89.4	74.0-126			9.18	20
Styrene	5.00	5.26	4.85	105	97.0	72.0-127			8.11	20
1,1,1,2-Tetrachloroethane	5.00	5.31	4.99	106	99.8	74.0-129			6.21	20
1,1,2,2-Tetrachloroethane	5.00	4.49	4.24	89.8	84.8	68.0-128			5.73	20
1,1,2-Trichlorotrifluoroethane	5.00	5.99	5.05	120	101	61.0-139			17.0	20
Tetrachloroethene	5.00	5.79	5.08	116	102	70.0-136			13.1	20
Toluene	5.00	5.03	4.38	101	87.6	75.0-121			13.8	20
1,2,3-Trichlorobenzene	5.00	5.49	5.30	110	106	59.0-139			3.52	20
1,2,4-Trichlorobenzene	5.00	5.28	5.04	106	101	62.0-137			4.65	20
1,1,1-Trichloroethane	5.00	5.62	4.89	112	97.8	69.0-126			13.9	20
1,1,2-Trichloroethane	5.00	5.38	4.92	108	98.4	78.0-123			8.93	20
Trichloroethene	5.00	4.92	4.41	98.4	88.2	76.0-126			10.9	20
Trichlorofluoromethane	5.00	5.67	4.85	113	97.0	61.0-142	J	J	15.6	20
1,2,3-Trichloropropane	5.00	4.63	4.61	92.6	92.2	67.0-129			0.433	20
1,2,4-Trimethylbenzene	5.00	5.28	4.61	106	92.2	70.0-126			13.5	20
1,2,3-Trimethylbenzene	5.00	5.01	4.66	100	93.2	74.0-124			7.24	20
1,3,5-Trimethylbenzene	5.00	5.26	4.60	105	92.0	73.0-127			13.4	20
Vinyl acetate	25.0	22.2	19.2	88.8	76.8	43.0-159			14.5	20
Vinyl chloride	5.00	5.20	3.99	104	79.8	63.0-134		J3	26.3	20
Xylenes, Total	15.0	15.6	14.2	104	94.7	72.0-127			9.40	20
(S) Toluene-d8				101	98.9	75.0-131				
(S) 4-Bromofluorobenzene				103	104	67.0-138				
(S) 1,2-Dichloroethane-d4				94.7	93.6	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4078600-3 06/05/24 21:21

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
Bromochloromethane	U		0.0452	0.200
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 disulfide	U		0.162	0.500
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	0.200
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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4078600-3 06/05/24 21:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.0212	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
2-Hexanone	U		0.400	1.00
n-Hexane	U		0.0424	0.200
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl acetate	U		0.141	0.500
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	96.8			75.0-131
(S) 4-Bromofluorobenzene	103			67.0-138
(S) 1,2-Dichloroethane-d4	95.8			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4078600-1 06/05/24 19:53 • (LCSD) R4078600-2 06/05/24 20:15

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	30.9	32.2	124	129	10.0-160			4.12	31
Acrylonitrile	25.0	28.3	27.2	113	109	45.0-153			3.96	22
Benzene	5.00	5.50	5.36	110	107	70.0-123			2.58	20
Bromobenzene	5.00	5.64	5.12	113	102	73.0-121			9.67	20
Bromochloromethane	5.00	5.33	5.57	107	111	77.0-128			4.40	20
Bromodichloromethane	5.00	5.44	5.06	109	101	73.0-121			7.24	20
Bromoform	5.00	5.22	4.84	104	96.8	64.0-132			7.55	20
Bromomethane	5.00	4.78	4.70	95.6	94.0	56.0-147			1.69	20
n-Butylbenzene	5.00	4.43	4.45	88.6	89.0	68.0-135			0.450	20
sec-Butylbenzene	5.00	5.45	5.35	109	107	74.0-130			1.85	20
tert-Butylbenzene	5.00	4.16	4.51	83.2	90.2	75.0-127			8.07	20
Carbon disulfide	5.00	5.49	5.43	110	109	56.0-133			1.10	20
Carbon tetrachloride	5.00	5.59	5.53	112	111	66.0-128			1.08	20
Chlorobenzene	5.00	5.41	5.31	108	106	76.0-128			1.87	20
Chlorodibromomethane	5.00	4.73	4.78	94.6	95.6	74.0-127			1.05	20
Chloroethane	5.00	5.74	5.61	115	112	61.0-134			2.29	20
Chloroform	5.00	5.26	5.10	105	102	72.0-123			3.09	20
Chloromethane	5.00	5.49	5.20	110	104	51.0-138			5.43	20
2-Chlorotoluene	5.00	5.21	4.88	104	97.6	75.0-124			6.54	20
4-Chlorotoluene	5.00	5.36	5.08	107	102	75.0-124			5.36	20
1,2-Dibromo-3-Chloropropane	5.00	4.56	4.53	91.2	90.6	59.0-130			0.660	20
1,2-Dibromoethane	5.00	5.16	4.61	103	92.2	74.0-128			11.3	20
Dibromomethane	5.00	5.59	5.28	112	106	75.0-122			5.70	20
1,2-Dichlorobenzene	5.00	5.26	5.24	105	105	76.0-124			0.381	20
1,3-Dichlorobenzene	5.00	5.53	5.19	111	104	76.0-125			6.34	20
1,4-Dichlorobenzene	5.00	5.13	5.11	103	102	77.0-121			0.391	20
trans-1,4-Dichloro-2-butene	5.00	5.98	5.13	120	103	45.0-143			15.3	20
Dichlorodifluoromethane	5.00	5.82	5.68	116	114	43.0-156			2.43	20
1,1-Dichloroethane	5.00	5.78	5.65	116	113	70.0-127			2.27	20
1,2-Dichloroethane	5.00	4.69	4.67	93.8	93.4	65.0-131			0.427	20
1,1-Dichloroethene	5.00	5.74	5.67	115	113	65.0-131			1.23	20
cis-1,2-Dichloroethene	5.00	5.15	4.96	103	99.2	73.0-125			3.76	20
trans-1,2-Dichloroethene	5.00	5.66	5.73	113	115	71.0-125			1.23	20
1,2-Dichloropropane	5.00	5.41	5.23	108	105	74.0-125			3.38	20
1,1-Dichloropropene	5.00	5.60	5.57	112	111	73.0-125			0.537	20
1,3-Dichloropropane	5.00	5.41	5.31	108	106	80.0-125			1.87	20
cis-1,3-Dichloropropene	5.00	5.51	5.46	110	109	76.0-127			0.912	20
trans-1,3-Dichloropropene	5.00	4.33	4.36	86.6	87.2	73.0-127			0.690	20
2,2-Dichloropropane	5.00	4.56	4.67	91.2	93.4	59.0-135			2.38	20
Di-isopropyl ether	5.00	5.52	5.45	110	109	60.0-136			1.28	20

1
Cp

2
Tc

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Ss

4
Cn

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Sr

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Qc

7
Gl

8
Al

9
Sc

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

(LCS) R4078600-1 06/05/24 19:53 • (LCSD) R4078600-2 06/05/24 20:15

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 %
Ethylbenzene	5.00	5.31	5.32	106	106	74.0-126			0.188	20
Hexachloro-1,3-butadiene	5.00	4.05	4.42	81.0	88.4	57.0-150			8.74	20
2-Hexanone	25.0	27.9	27.6	112	110	54.0-147			1.08	20
n-Hexane	5.00	5.79	5.81	116	116	55.0-137			0.345	20
Iodomethane	25.0	25.9	26.2	104	105	74.0-134			1.15	20
Isopropylbenzene	5.00	5.12	5.06	102	101	72.0-127			1.18	20
p-Isopropyltoluene	5.00	4.33	4.23	86.6	84.6	72.0-133			2.34	20
2-Butanone (MEK)	25.0	32.8	27.0	131	108	30.0-160			19.4	24
Methylene Chloride	5.00	5.37	5.26	107	105	68.0-123			2.07	20
4-Methyl-2-pentanone (MIBK)	25.0	27.2	27.2	109	109	56.0-143			0.000	20
Methyl tert-butyl ether	5.00	5.42	5.22	108	104	66.0-132			3.76	20
Naphthalene	5.00	4.25	4.49	85.0	89.8	59.0-130			5.49	20
n-Propylbenzene	5.00	5.50	5.24	110	105	74.0-126			4.84	20
Styrene	5.00	5.12	5.12	102	102	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	5.00	4.84	5.07	96.8	101	74.0-129			4.64	20
1,1,2,2-Tetrachloroethane	5.00	4.86	4.58	97.2	91.6	68.0-128			5.93	20
1,1,2-Trichlorotrifluoroethane	5.00	5.77	5.72	115	114	61.0-139			0.870	20
Tetrachloroethene	5.00	5.08	5.13	102	103	70.0-136			0.979	20
Toluene	5.00	5.07	4.91	101	98.2	75.0-121			3.21	20
1,2,3-Trichlorobenzene	5.00	4.53	4.68	90.6	93.6	59.0-139			3.26	20
1,2,4-Trichlorobenzene	5.00	4.54	4.70	90.8	94.0	62.0-137			3.46	20
1,1,1-Trichloroethane	5.00	5.46	5.40	109	108	69.0-126			1.10	20
1,1,2-Trichloroethane	5.00	5.35	5.18	107	104	78.0-123			3.23	20
Trichloroethene	5.00	5.89	5.49	118	110	76.0-126			7.03	20
Trichlorofluoromethane	5.00	6.20	6.13	124	123	61.0-142	U	U	1.14	20
1,2,3-Trichloropropane	5.00	5.37	5.03	107	101	67.0-129			6.54	20
1,2,4-Trimethylbenzene	5.00	4.55	4.35	91.0	87.0	70.0-126			4.49	20
1,2,3-Trimethylbenzene	5.00	4.89	4.79	97.8	95.8	74.0-124			2.07	20
1,3,5-Trimethylbenzene	5.00	4.90	4.59	98.0	91.8	73.0-127			6.53	20
Vinyl acetate	25.0	14.1	12.7	56.4	50.8	43.0-159			10.4	20
Vinyl chloride	5.00	6.14	5.98	123	120	63.0-134			2.64	20
Xylenes, Total	15.0	15.7	15.5	105	103	72.0-127			1.28	20
(S) Toluene-d8				95.5	98.9	75.0-131				
(S) 4-Bromofluorobenzene				97.7	100	67.0-138				
(S) 1,2-Dichloroethane-d4				92.5	92.3	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4079422-2 06/09/24 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	104			75.0-131
(S) 4-Bromofluorobenzene	102			67.0-138
(S) 1,2-Dichloroethane-d4	100			70.0-130

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

(LCS) R4079422-1 06/09/24 09:46 • (LCSD) R4079422-3 06/09/24 17:22

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	4.38	5.02	87.6	100	73.0-125			13.6	20
Vinyl chloride	5.00	4.35	4.58	87.0	91.6	63.0-134			5.15	20
(S) Toluene-d8				110	106	75.0-131				
(S) 4-Bromofluorobenzene				101	103	67.0-138				
(S) 1,2-Dichloroethane-d4				89.4	94.7	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

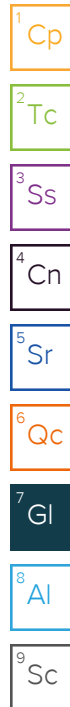
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
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.
J4	The associated batch QC was outside the established quality control range for accuracy.
P1	RPD value not applicable for sample concentrations less than 5 times the reporting limit.



ACCREDITATIONS & LOCATIONS

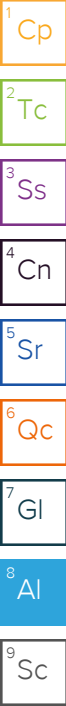
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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	LA000356
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		

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

* 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 Analytical.



PES Environmental, Inc.- WA

2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:

Attn: Accounts Payable
2101 4th Avenue, Suite 1310
Seattle, WA 98121

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG #

D032

Acctnum: PESENVSWA

Template: T252143

Prelogin: P1073076

PM: 546 - Jared Starkey

PB: WA 5/4/24

Shipped Via:

Remarks

Sample # (lab only)

Report to:
Daniel Balbiani (ALP Q2)

Email To: sqm.graber@nv5.com
jessica.babb@nv5.com, natalie.wisdom@nv5.com

Project Description:
American Linen Q2 2024

City/State
Collected: Seattle, WA

Please Circle:
PT MT CT ET

Phone: 206-529-3980

Client Project #

443022-1413001.10.701.02

Lab Project #

PESENVSWA-ALP

Collected by (print):

Devlin Del Grande

Site/Facility ID #

P.O. #

443022-1413001.10.701

Collected by (signature):

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

No.
of
Cntrs

Immediately
Packed on Ice N ___ Y ☒

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

MW-148-052824

G

GW

—

5/28/24

1006

3

MW-155-052824

GW

—

2932

3

MW-167-052824

GW

—

1228

8

MW-165-052824

GW

—

1117

8

MW-173-052824

GW

—

1023

8

MW-174-052824

GW

—

0944

8

MW-175-052824

GW

—

0903

8

MW-124-052824

GW

—

1208

3

MW-102-052824

GW

—

1356

3

MW-991-052824

GW

—

1111

8

* Matrix:

SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - Waste Water
DW - Drinking Water
OT - Other _____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:

___ UPS ___ FedEx ___ Courier _____

Tracking #

9411 4519 3144

Relinquished by: (Signature)

Date:

5/29/24

Time:

1521

Received by: (Signature)

Trip Blank Received: Yes/No

HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: EDAB °C Bottles Received:

4.610.124.7

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

Hold:

Condition:

NCF / OK

Sample Receipt Checklist

COC Seal Present/Intact: NP Y NCOC Signed/Accurate: Y NBottles arrive intact: Y NCorrect bottles used: Y NSufficient volume sent: Y N

If Applicable

VOA Zero Headspace: Y NPreservation Correct/Checked: Y NRAD Screen <0.5 mR/hr: Y N

If preservation required by Login: Date/Time

PES Environmental, Inc.- WA

2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:

Attn: Accounts Payable
2101 4th Avenue, Suite 1310
Seattle, WA 98121Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 2



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to:

Daniel Balbani (ALP Q2)

Email To: sam.graher@nvs.com
jessica.babb@nvs.com, natalia.wisdom@nvs.com

Project Description:

American Linen Q2 2024

City/State

Collected: Seattle, WA

Please Circle:

PT MT CT ET

Phone: 206-529-3980

Client Project

443022-1413001.10, 201.02

Lab Project

PESENVSWA-ALP

Collected by (print):

Devlin Del Grubice

Site/Facility ID

P.O.

443022-1413001.10.701

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

No.
of
Cnts

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

No.
of
Cnts

MW-168-052824

G

GW

-

5/28/24

1438

8

MW-166-052824

1

GW

-

1210

8

MW-336-052824

1

GW

-

0724

3

TB-052824

1

GW

-

-

1

GW

GW

GW

GW

GW

GW

* Matrix:

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

Remarks:

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Tracking

7411 4519 31441

Relinquished by: (Signature)

Date:

5/28/24

Time:

1521

Received by: (Signature)

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp ED 46°C

Bottles Received:

4.6 to 4.7

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

5/29/24 0900

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

If preservation required by Login: Date/Time

PES Environmental, Inc.- WA

Sample Delivery Group: L1741135
Samples Received: 05/29/2024
Project Number: 443022-1413001.10.60
Description: American Linen Q2 2024

Report To: Daniel Balbiani
2101 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 National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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

SAMPLE SUMMARY

MW-348-052824 L1741135-01 GW

Collected by
D. Del G

Collected date/time
05/28/24 10:00

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306755	1	06/20/24 03:14	06/20/24 03:14	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306217	1	06/17/24 04:50	06/17/24 04:50	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 21:05	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 12:11	06/04/24 12:11	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2298329	10	06/04/24 16:01	06/04/24 16:01	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298539	1	06/05/24 08:12	06/05/24 08:12	ADM	Mt. Juliet, TN

MW-349-052824 L1741135-02 GW

Collected by
D. Del G

Collected date/time
05/28/24 11:07

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306755	1	06/20/24 03:26	06/20/24 03:26	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306217	1	06/17/24 05:06	06/17/24 05:06	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 21:08	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 12:18	06/04/24 12:18	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298539	1	06/05/24 08:32	06/05/24 08:32	ADM	Mt. Juliet, TN

MW-346-052824 L1741135-03 GW

Collected by
D. Del G

Collected date/time
05/28/24 12:19

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306755	1	06/20/24 03:39	06/20/24 03:39	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306217	1	06/17/24 05:20	06/17/24 05:20	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 21:25	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 12:24	06/04/24 12:24	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298539	1	06/05/24 08:52	06/05/24 08:52	ADM	Mt. Juliet, TN

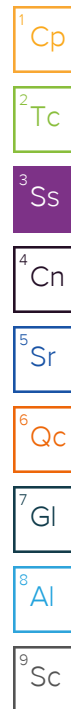
MW-988-052824 L1741135-04 GW

Collected by
D. Del G

Collected date/time
05/28/24 14:11

Received date/time
05/29/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2306755	1	06/20/24 04:40	06/20/24 04:40	JDG	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2306217	1	06/17/24 05:33	06/17/24 05:33	SJF	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2300935	1	06/10/24 04:33	06/24/24 21:28	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297123	1	06/04/24 12:30	06/04/24 12:30	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2298539	1	06/05/24 09:12	06/05/24 09:12	ADM	Mt. Juliet, TN



CASE NARRATIVE

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

- 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 date / time	Batch
Sulfate	60700		594	5000	1	06/20/2024 03:14	WG2306755

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	10000		102	1000	1	06/17/2024 04:50	WG2306217

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	1220		28.1	100	1	06/24/2024 21:05	WG2300935
Manganese	77.1		0.704	5.00	1	06/24/2024 21:05	WG2300935

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	30400		2.87	6.78	10	06/04/2024 16:01	WG2298329
Ethane	6.35		0.296	1.29	1	06/04/2024 12:11	WG2297123
Ethene	82.3		0.422	1.27	1	06/04/2024 12:11	WG2297123

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	8.55		0.548	1.00	1	06/05/2024 08:12	WG2298539
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 08:12	WG2298539
Benzene	0.0210	J	0.0160	0.0400	1	06/05/2024 08:12	WG2298539
Bromobenzene	U		0.0420	0.500	1	06/05/2024 08:12	WG2298539
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 08:12	WG2298539
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 08:12	WG2298539
Bromoform	U		0.239	1.00	1	06/05/2024 08:12	WG2298539
Bromomethane	U	J3	0.148	0.500	1	06/05/2024 08:12	WG2298539
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 08:12	WG2298539
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 08:12	WG2298539
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 08:12	WG2298539
Carbon disulfide	0.624	J3	0.162	0.500	1	06/05/2024 08:12	WG2298539
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 08:12	WG2298539
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 08:12	WG2298539
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 08:12	WG2298539
Chloroethane	U	J3	0.0432	0.200	1	06/05/2024 08:12	WG2298539
Chloroform	U		0.0166	0.100	1	06/05/2024 08:12	WG2298539
Chloromethane	U	J3	0.0556	0.500	1	06/05/2024 08:12	WG2298539
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 08:12	WG2298539
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 08:12	WG2298539
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 08:12	WG2298539
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 08:12	WG2298539
Dibromomethane	U		0.0400	0.200	1	06/05/2024 08:12	WG2298539
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 08:12	WG2298539
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 08:12	WG2298539
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 08:12	WG2298539
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 08:12	WG2298539
Dichlorodifluoromethane	U	J3	0.0327	0.200	1	06/05/2024 08:12	WG2298539
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 08:12	WG2298539
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 08:12	WG2298539
1,1-Dichloroethene	U		0.0200	0.100	1	06/05/2024 08:12	WG2298539

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-348-052824

SAMPLE RESULTS - 01

Collected date/time: 05/28/24 10:00

L1741135

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	6.90		0.0276	0.100	1	06/05/2024 08:12	WG2298539
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/05/2024 08:12	WG2298539
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 08:12	WG2298539
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 08:12	WG2298539
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 08:12	WG2298539
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 08:12	WG2298539
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 08:12	WG2298539
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 08:12	WG2298539
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 08:12	WG2298539
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 08:12	WG2298539
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 08:12	WG2298539
2-Hexanone	U		0.400	1.00	1	06/05/2024 08:12	WG2298539
n-Hexane	U	J3	0.0424	0.200	1	06/05/2024 08:12	WG2298539
Iodomethane	U		0.242	0.500	1	06/05/2024 08:12	WG2298539
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 08:12	WG2298539
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 08:12	WG2298539
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 08:12	WG2298539
Methylene Chloride	U		0.265	1.00	1	06/05/2024 08:12	WG2298539
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 08:12	WG2298539
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 08:12	WG2298539
Naphthalene	U		0.124	0.500	1	06/05/2024 08:12	WG2298539
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 08:12	WG2298539
Styrene	U		0.109	0.500	1	06/05/2024 08:12	WG2298539
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 08:12	WG2298539
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 08:12	WG2298539
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 08:12	WG2298539
Tetrachloroethene	U		0.0280	0.100	1	06/05/2024 08:12	WG2298539
Toluene	U		0.0500	0.200	1	06/05/2024 08:12	WG2298539
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 08:12	WG2298539
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 08:12	WG2298539
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 08:12	WG2298539
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 08:12	WG2298539
Trichloroethene	0.165		0.0160	0.0400	1	06/05/2024 08:12	WG2298539
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 08:12	WG2298539
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 08:12	WG2298539
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/05/2024 08:12	WG2298539
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 08:12	WG2298539
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 08:12	WG2298539
Vinyl acetate	U		0.141	0.500	1	06/05/2024 08:12	WG2298539
Vinyl chloride	17.4	J3	0.0273	0.100	1	06/05/2024 08:12	WG2298539
Xylenes, Total	U		0.191	0.260	1	06/05/2024 08:12	WG2298539
(S) Toluene-d8	100			75.0-131		06/05/2024 08:12	WG2298539
(S) 4-Bromofluorobenzene	103			67.0-138		06/05/2024 08:12	WG2298539
(S) 1,2-Dichloroethane-d4	93.6			70.0-130		06/05/2024 08:12	WG2298539

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

PES Environmental, Inc.- WA

PROJECT:

443022-1413001.10.60

SDG:

L1741135

DATE/TIME:

06/25/24 10:01

PAGE:

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Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Sulfate	5980		594	5000	1	06/20/2024 03:26	WG2306755

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	2630		102	1000	1	06/17/2024 05:06	WG2306217

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	907		28.1	100	1	06/24/2024 21:08	WG2300935
Manganese	35.0		0.704	5.00	1	06/24/2024 21:08	WG2300935

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	5720		0.287	0.678	1	06/04/2024 12:18	WG2297123
Ethane	U		0.296	1.29	1	06/04/2024 12:18	WG2297123
Ethene	3.76		0.422	1.27	1	06/04/2024 12:18	WG2297123

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	76.2		0.548	1.00	1	06/05/2024 08:32	WG2298539
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 08:32	WG2298539
Benzene	U		0.0160	0.0400	1	06/05/2024 08:32	WG2298539
Bromobenzene	U		0.0420	0.500	1	06/05/2024 08:32	WG2298539
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 08:32	WG2298539
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 08:32	WG2298539
Bromoform	U		0.239	1.00	1	06/05/2024 08:32	WG2298539
Bromomethane	U	J3	0.148	0.500	1	06/05/2024 08:32	WG2298539
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 08:32	WG2298539
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 08:32	WG2298539
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 08:32	WG2298539
Carbon disulfide	U	J3	0.162	0.500	1	06/05/2024 08:32	WG2298539
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 08:32	WG2298539
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 08:32	WG2298539
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 08:32	WG2298539
Chloroethane	U	J3	0.0432	0.200	1	06/05/2024 08:32	WG2298539
Chloroform	U		0.0166	0.100	1	06/05/2024 08:32	WG2298539
Chloromethane	U	J3	0.0556	0.500	1	06/05/2024 08:32	WG2298539
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 08:32	WG2298539
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 08:32	WG2298539
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 08:32	WG2298539
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 08:32	WG2298539
Dibromomethane	U		0.0400	0.200	1	06/05/2024 08:32	WG2298539
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 08:32	WG2298539
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 08:32	WG2298539
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 08:32	WG2298539
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 08:32	WG2298539
Dichlorodifluoromethane	U	J3	0.0327	0.200	1	06/05/2024 08:32	WG2298539
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 08:32	WG2298539
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 08:32	WG2298539
1,1-Dichloroethene	U		0.0200	0.100	1	06/05/2024 08:32	WG2298539

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.400		0.0276	0.100	1	06/05/2024 08:32	WG2298539
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/05/2024 08:32	WG2298539
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 08:32	WG2298539
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 08:32	WG2298539
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 08:32	WG2298539
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 08:32	WG2298539
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 08:32	WG2298539
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 08:32	WG2298539
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 08:32	WG2298539
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 08:32	WG2298539
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 08:32	WG2298539
2-Hexanone	U		0.400	1.00	1	06/05/2024 08:32	WG2298539
n-Hexane	U	J3	0.0424	0.200	1	06/05/2024 08:32	WG2298539
Iodomethane	U		0.242	0.500	1	06/05/2024 08:32	WG2298539
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 08:32	WG2298539
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 08:32	WG2298539
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 08:32	WG2298539
Methylene Chloride	U		0.265	1.00	1	06/05/2024 08:32	WG2298539
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 08:32	WG2298539
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 08:32	WG2298539
Naphthalene	U		0.124	0.500	1	06/05/2024 08:32	WG2298539
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 08:32	WG2298539
Styrene	U		0.109	0.500	1	06/05/2024 08:32	WG2298539
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 08:32	WG2298539
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 08:32	WG2298539
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 08:32	WG2298539
Tetrachloroethene	U		0.0280	0.100	1	06/05/2024 08:32	WG2298539
Toluene	U		0.0500	0.200	1	06/05/2024 08:32	WG2298539
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 08:32	WG2298539
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 08:32	WG2298539
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 08:32	WG2298539
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 08:32	WG2298539
Trichloroethene	0.0420		0.0160	0.0400	1	06/05/2024 08:32	WG2298539
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 08:32	WG2298539
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 08:32	WG2298539
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/05/2024 08:32	WG2298539
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 08:32	WG2298539
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 08:32	WG2298539
Vinyl acetate	U		0.141	0.500	1	06/05/2024 08:32	WG2298539
Vinyl chloride	0.449	J3	0.0273	0.100	1	06/05/2024 08:32	WG2298539
Xylenes, Total	U		0.191	0.260	1	06/05/2024 08:32	WG2298539
(S) Toluene-d8	99.6			75.0-131		06/05/2024 08:32	WG2298539
(S) 4-Bromofluorobenzene	101			67.0-138		06/05/2024 08:32	WG2298539
(S) 1,2-Dichloroethane-d4	93.1			70.0-130		06/05/2024 08:32	WG2298539

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	16200		594	5000	1	06/20/2024 03:39	WG2306755

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)	941	B J	102	1000	1	06/17/2024 05:20	WG2306217

Metals (ICPMS) by Method 6020B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Iron	675		28.1	100	1	06/24/2024 21:25	WG2300935
Manganese	19.3		0.704	5.00	1	06/24/2024 21:25	WG2300935

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	06/04/2024 12:24	WG2297123
Ethane	U		0.296	1.29	1	06/04/2024 12:24	WG2297123
Ethene	U		0.422	1.27	1	06/04/2024 12:24	WG2297123

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	2.02		0.548	1.00	1	06/05/2024 08:52	WG2298539
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 08:52	WG2298539
Benzene	U		0.0160	0.0400	1	06/05/2024 08:52	WG2298539
Bromobenzene	U		0.0420	0.500	1	06/05/2024 08:52	WG2298539
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 08:52	WG2298539
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 08:52	WG2298539
Bromoform	U		0.239	1.00	1	06/05/2024 08:52	WG2298539
Bromomethane	U	J3	0.148	0.500	1	06/05/2024 08:52	WG2298539
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 08:52	WG2298539
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 08:52	WG2298539
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 08:52	WG2298539
Carbon disulfide	U	J3	0.162	0.500	1	06/05/2024 08:52	WG2298539
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 08:52	WG2298539
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 08:52	WG2298539
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 08:52	WG2298539
Chloroethane	U	J3	0.0432	0.200	1	06/05/2024 08:52	WG2298539
Chloroform	U		0.0166	0.100	1	06/05/2024 08:52	WG2298539
Chloromethane	U	J3	0.0556	0.500	1	06/05/2024 08:52	WG2298539
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 08:52	WG2298539
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 08:52	WG2298539
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 08:52	WG2298539
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 08:52	WG2298539
Dibromomethane	U		0.0400	0.200	1	06/05/2024 08:52	WG2298539
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 08:52	WG2298539
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 08:52	WG2298539
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 08:52	WG2298539
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 08:52	WG2298539
Dichlorodifluoromethane	U	J3	0.0327	0.200	1	06/05/2024 08:52	WG2298539
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 08:52	WG2298539
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 08:52	WG2298539
1,1-Dichloroethene	U		0.0200	0.100	1	06/05/2024 08:52	WG2298539

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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.447		0.0276	0.100	1	06/05/2024 08:52	WG2298539
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/05/2024 08:52	WG2298539
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 08:52	WG2298539
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 08:52	WG2298539
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 08:52	WG2298539
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 08:52	WG2298539
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 08:52	WG2298539
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 08:52	WG2298539
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 08:52	WG2298539
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 08:52	WG2298539
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 08:52	WG2298539
2-Hexanone	U		0.400	1.00	1	06/05/2024 08:52	WG2298539
n-Hexane	U	J3	0.0424	0.200	1	06/05/2024 08:52	WG2298539
Iodomethane	U		0.242	0.500	1	06/05/2024 08:52	WG2298539
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 08:52	WG2298539
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 08:52	WG2298539
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 08:52	WG2298539
Methylene Chloride	U		0.265	1.00	1	06/05/2024 08:52	WG2298539
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 08:52	WG2298539
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 08:52	WG2298539
Naphthalene	U		0.124	0.500	1	06/05/2024 08:52	WG2298539
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 08:52	WG2298539
Styrene	U		0.109	0.500	1	06/05/2024 08:52	WG2298539
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 08:52	WG2298539
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 08:52	WG2298539
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 08:52	WG2298539
Tetrachloroethene	0.0850	J	0.0280	0.100	1	06/05/2024 08:52	WG2298539
Toluene	U		0.0500	0.200	1	06/05/2024 08:52	WG2298539
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 08:52	WG2298539
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 08:52	WG2298539
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 08:52	WG2298539
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 08:52	WG2298539
Trichloroethene	0.0620		0.0160	0.0400	1	06/05/2024 08:52	WG2298539
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 08:52	WG2298539
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 08:52	WG2298539
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/05/2024 08:52	WG2298539
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 08:52	WG2298539
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 08:52	WG2298539
Vinyl acetate	U		0.141	0.500	1	06/05/2024 08:52	WG2298539
Vinyl chloride	U	J3	0.0273	0.100	1	06/05/2024 08:52	WG2298539
Xylenes, Total	U		0.191	0.260	1	06/05/2024 08:52	WG2298539
(S) Toluene-d8	102			75.0-131		06/05/2024 08:52	WG2298539
(S) 4-Bromofluorobenzene	106			67.0-138		06/05/2024 08:52	WG2298539
(S) 1,2-Dichloroethane-d4	93.9			70.0-130		06/05/2024 08:52	WG2298539

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 date / time	Batch
Sulfate	16100		594	5000	1	06/20/2024 04:40	WG2306755

Wet Chemistry by Method 9060A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
TOC (Total Organic Carbon)	1130	B	102	1000	1	06/17/2024 05:33	WG2306217

Metals (ICPMS) by Method 6020B

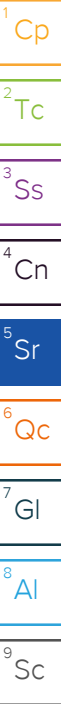
Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Iron	642		28.1	100	1	06/24/2024 21:28	WG2300935
Manganese	18.8		0.704	5.00	1	06/24/2024 21:28	WG2300935

Volatile Organic Compounds (GC) by Method RSK175

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Methane	U		0.287	0.678	1	06/04/2024 12:30	WG2297123
Ethane	U		0.296	1.29	1	06/04/2024 12:30	WG2297123
Ethene	U		0.422	1.27	1	06/04/2024 12:30	WG2297123

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	06/05/2024 09:12	WG2298539
Acrylonitrile	U		0.0760	0.500	1	06/05/2024 09:12	WG2298539
Benzene	U		0.0160	0.0400	1	06/05/2024 09:12	WG2298539
Bromobenzene	U		0.0420	0.500	1	06/05/2024 09:12	WG2298539
Bromochloromethane	U		0.0452	0.200	1	06/05/2024 09:12	WG2298539
Bromodichloromethane	U		0.0315	0.100	1	06/05/2024 09:12	WG2298539
Bromoform	U		0.239	1.00	1	06/05/2024 09:12	WG2298539
Bromomethane	U	J3	0.148	0.500	1	06/05/2024 09:12	WG2298539
n-Butylbenzene	U		0.153	0.500	1	06/05/2024 09:12	WG2298539
sec-Butylbenzene	U		0.101	0.500	1	06/05/2024 09:12	WG2298539
tert-Butylbenzene	U		0.0620	0.200	1	06/05/2024 09:12	WG2298539
Carbon disulfide	U	J3	0.162	0.500	1	06/05/2024 09:12	WG2298539
Carbon tetrachloride	U		0.0432	0.200	1	06/05/2024 09:12	WG2298539
Chlorobenzene	U		0.0229	0.100	1	06/05/2024 09:12	WG2298539
Chlorodibromomethane	U		0.0180	0.100	1	06/05/2024 09:12	WG2298539
Chloroethane	U	J3	0.0432	0.200	1	06/05/2024 09:12	WG2298539
Chloroform	U		0.0166	0.100	1	06/05/2024 09:12	WG2298539
Chloromethane	U	J3	0.0556	0.500	1	06/05/2024 09:12	WG2298539
2-Chlorotoluene	U		0.0368	0.100	1	06/05/2024 09:12	WG2298539
4-Chlorotoluene	U		0.0452	0.200	1	06/05/2024 09:12	WG2298539
1,2-Dibromo-3-Chloropropane	U		0.204	1.00	1	06/05/2024 09:12	WG2298539
1,2-Dibromoethane	U		0.0210	0.100	1	06/05/2024 09:12	WG2298539
Dibromomethane	U		0.0400	0.200	1	06/05/2024 09:12	WG2298539
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/05/2024 09:12	WG2298539
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/05/2024 09:12	WG2298539
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/05/2024 09:12	WG2298539
trans-1,4-Dichloro-2-butene	U		0.0560	0.200	1	06/05/2024 09:12	WG2298539
Dichlorodifluoromethane	U	J3	0.0327	0.200	1	06/05/2024 09:12	WG2298539
1,1-Dichloroethane	U		0.0230	0.100	1	06/05/2024 09:12	WG2298539
1,2-Dichloroethane	U		0.0190	0.100	1	06/05/2024 09:12	WG2298539
1,1-Dichloroethene	U		0.0200	0.100	1	06/05/2024 09:12	WG2298539



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	0.528		0.0276	0.100	1	06/05/2024 09:12	WG2298539
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/05/2024 09:12	WG2298539
1,2-Dichloropropane	U		0.0508	0.200	1	06/05/2024 09:12	WG2298539
1,1-Dichloropropene	U		0.0280	0.100	1	06/05/2024 09:12	WG2298539
1,3-Dichloropropane	U		0.0700	0.200	1	06/05/2024 09:12	WG2298539
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/05/2024 09:12	WG2298539
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/05/2024 09:12	WG2298539
2,2-Dichloropropane	U		0.0317	0.100	1	06/05/2024 09:12	WG2298539
Di-isopropyl ether	U		0.0140	0.0400	1	06/05/2024 09:12	WG2298539
Ethylbenzene	U		0.0212	0.100	1	06/05/2024 09:12	WG2298539
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/05/2024 09:12	WG2298539
2-Hexanone	U		0.400	1.00	1	06/05/2024 09:12	WG2298539
n-Hexane	U	J3	0.0424	0.200	1	06/05/2024 09:12	WG2298539
Iodomethane	U		0.242	0.500	1	06/05/2024 09:12	WG2298539
Isopropylbenzene	U		0.0345	0.100	1	06/05/2024 09:12	WG2298539
p-Isopropyltoluene	U		0.0932	0.200	1	06/05/2024 09:12	WG2298539
2-Butanone (MEK)	U		0.500	1.00	1	06/05/2024 09:12	WG2298539
Methylene Chloride	U		0.265	1.00	1	06/05/2024 09:12	WG2298539
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/05/2024 09:12	WG2298539
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/05/2024 09:12	WG2298539
Naphthalene	U		0.124	0.500	1	06/05/2024 09:12	WG2298539
n-Propylbenzene	U		0.0472	0.200	1	06/05/2024 09:12	WG2298539
Styrene	U		0.109	0.500	1	06/05/2024 09:12	WG2298539
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/05/2024 09:12	WG2298539
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/05/2024 09:12	WG2298539
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/05/2024 09:12	WG2298539
Tetrachloroethene	0.106		0.0280	0.100	1	06/05/2024 09:12	WG2298539
Toluene	U		0.0500	0.200	1	06/05/2024 09:12	WG2298539
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/05/2024 09:12	WG2298539
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/05/2024 09:12	WG2298539
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/05/2024 09:12	WG2298539
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/05/2024 09:12	WG2298539
Trichloroethene	0.0520		0.0160	0.0400	1	06/05/2024 09:12	WG2298539
Trichlorofluoromethane	U		0.0200	0.100	1	06/05/2024 09:12	WG2298539
1,2,3-Trichloropropane	U		0.204	0.500	1	06/05/2024 09:12	WG2298539
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/05/2024 09:12	WG2298539
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/05/2024 09:12	WG2298539
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/05/2024 09:12	WG2298539
Vinyl acetate	U		0.141	0.500	1	06/05/2024 09:12	WG2298539
Vinyl chloride	U	J3	0.0273	0.100	1	06/05/2024 09:12	WG2298539
Xylenes, Total	U		0.191	0.260	1	06/05/2024 09:12	WG2298539
(S) Toluene-d8	100			75.0-131		06/05/2024 09:12	WG2298539
(S) 4-Bromofluorobenzene	103			67.0-138		06/05/2024 09:12	WG2298539
(S) 1,2-Dichloroethane-d4	91.1			70.0-130		06/05/2024 09:12	WG2298539

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4084896-1 06/19/24 22:43

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

L1741025-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1741025-01 06/20/24 01:23 • (DUP) R4084896-3 06/20/24 01:36

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	56300	56800	1	0.757		15

L1741135-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1741135-03 06/20/24 03:39 • (DUP) R4084896-6 06/20/24 03:51

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	16200	16200	1	0.0389		15

Laboratory Control Sample (LCS)

(LCS) R4084896-2 06/19/24 22:56

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	42800	107	80.0-120	

L1741025-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1741025-01 06/20/24 01:23 • (MS) R4084896-4 06/20/24 01:48 • (MSD) R4084896-5 06/20/24 02:00

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	40000	56300	84600	84100	70.7	69.5	1	80.0-120	J6	J6	0.592	15

Sample Narrative:

MS: Spike failure due to matrix interference

MSD: Spike failure due to matrix interferenc

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

L1741135-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1741135-03 06/20/24 03:39 • (MS) R4084896-7 06/20/24 04:03

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MS Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>
Sulfate	40000	16200	56000	99.6	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4082480-2 06/16/24 21:51

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	217	⬇	102	1000

L1741051-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1741051-01 06/16/24 22:49 • (DUP) R4082480-3 06/16/24 23:04

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	2630	2570	1	2.19		20

Laboratory Control Sample (LCS)

(LCS) R4082480-1 06/16/24 21:38

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	24300	97.2	85.0-115	

L1741079-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1741079-01 06/16/24 23:20 • (MS) R4082480-4 06/16/24 23:37 • (MSD) R4082480-5 06/16/24 23:54

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	3750	28000	28300	97.0	98.3	1	85.0-115			1.10	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4085889-1 06/24/24 20:01

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

Laboratory Control Sample (LCS)

(LCS) R4085889-2 06/24/24 20:04

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Iron	1000	1090	109	80.0-120	
Manganese	50.0	51.9	104	80.0-120	

L1741040-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1741040-01 06/24/24 20:07 • (MS) R4085889-4 06/24/24 20:14 • (MSD) R4085889-5 06/24/24 20:17

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	1000	U	1060	1020	106	102	1	75.0-125			3.54	20
Manganese	50.0	34.5	82.5	80.3	96.1	91.7	1	75.0-125			2.74	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4076978-2 06/04/24 09:42

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

L1741124-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1741124-07 06/04/24 09:58 • (DUP) R4076978-3 06/04/24 11:59

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

L1741135-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1741135-03 06/04/24 12:24 • (DUP) R4076978-4 06/04/24 13:38

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) R4076978-1 06/04/24 09:39 • (LCSD) R4076978-5 06/04/24 13:41

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	60.8	62.2	89.7	91.7	85.0-115			2.28	20
Ethane	129	119	117	92.2	90.7	85.0-115			1.69	20
Ethene	127	117	117	92.1	92.1	85.0-115			0.000	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4077173-2 06/04/24 15:08

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

L1741126-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1741126-04 06/04/24 15:18 • (DUP) R4077173-3 06/04/24 16:16

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	29700	29400	10	1.02		20

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

(LCS) R4077173-1 06/04/24 15:05 • (LCSD) R4077173-4 06/04/24 16:55

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	63.5	65.5	93.7	96.6	85.0-115			3.10	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4078412-3 06/05/24 03:57

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
Bromochloromethane	U		0.0452	0.200
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 disulfide	U		0.162	0.500
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	0.200
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

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4078412-3 06/05/24 03:57

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.0212	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
2-Hexanone	U		0.400	1.00
n-Hexane	U		0.0424	0.200
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl acetate	U		0.141	0.500
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	101			75.0-131
(S) 4-Bromofluorobenzene	98.0			67.0-138
(S) 1,2-Dichloroethane-d4	91.8			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4078412-1 06/05/24 02:38 • (LCSD) R4078412-2 06/05/24 02:58

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Acetone	25.0	20.7	20.4	82.8	81.6	10.0-160			1.46	31
Acrylonitrile	25.0	23.3	22.1	93.2	88.4	45.0-153			5.29	22
Benzene	5.00	5.01	4.37	100	87.4	70.0-123			13.6	20
Bromobenzene	5.00	4.83	4.58	96.6	91.6	73.0-121			5.31	20
Bromochloromethane	5.00	5.28	5.00	106	100	77.0-128			5.45	20
Bromodichloromethane	5.00	4.85	4.57	97.0	91.4	73.0-121			5.94	20
Bromoform	5.00	4.68	4.39	93.6	87.8	64.0-132			6.39	20
Bromomethane	5.00	4.43	3.02	88.6	60.4	56.0-147		J3	37.9	20
n-Butylbenzene	5.00	5.70	5.29	114	106	68.0-135			7.46	20
sec-Butylbenzene	5.00	5.13	4.73	103	94.6	74.0-130			8.11	20
tert-Butylbenzene	5.00	5.16	4.68	103	93.6	75.0-127			9.76	20
Carbon disulfide	5.00	5.18	3.65	104	73.0	56.0-133		J3	34.7	20
Carbon tetrachloride	5.00	5.34	4.80	107	96.0	66.0-128			10.7	20
Chlorobenzene	5.00	5.25	4.75	105	95.0	76.0-128			10.0	20
Chlorodibromomethane	5.00	5.12	4.56	102	91.2	74.0-127			11.6	20
Chloroethane	5.00	4.78	3.87	95.6	77.4	61.0-134		J3	21.0	20
Chloroform	5.00	5.16	4.48	103	89.6	72.0-123			14.1	20
Chloromethane	5.00	5.20	4.00	104	80.0	51.0-138		J3	26.1	20
2-Chlorotoluene	5.00	5.07	4.68	101	93.6	75.0-124			8.00	20
4-Chlorotoluene	5.00	4.83	4.41	96.6	88.2	75.0-124			9.09	20
1,2-Dibromo-3-Chloropropane	5.00	3.99	3.81	79.8	76.2	59.0-130			4.62	20
1,2-Dibromoethane	5.00	5.21	4.64	104	92.8	74.0-128			11.6	20
Dibromomethane	5.00	5.10	4.65	102	93.0	75.0-122			9.23	20
1,2-Dichlorobenzene	5.00	5.10	4.81	102	96.2	76.0-124			5.85	20
1,3-Dichlorobenzene	5.00	5.29	4.96	106	99.2	76.0-125			6.44	20
1,4-Dichlorobenzene	5.00	5.07	4.66	101	93.2	77.0-121			8.43	20
trans-1,4-Dichloro-2-butene	5.00	4.66	4.15	93.2	83.0	45.0-143			11.6	20
Dichlorodifluoromethane	5.00	6.51	4.34	130	86.8	43.0-156		J3	40.0	20
1,1-Dichloroethane	5.00	5.16	4.48	103	89.6	70.0-127			14.1	20
1,2-Dichloroethane	5.00	4.71	4.22	94.2	84.4	65.0-131			11.0	20
1,1-Dichloroethene	5.00	5.36	4.45	107	89.0	65.0-131			18.6	20
cis-1,2-Dichloroethene	5.00	5.45	4.74	109	94.8	73.0-125			13.9	20
trans-1,2-Dichloroethene	5.00	5.59	4.58	112	91.6	71.0-125			19.9	20
1,2-Dichloropropane	5.00	4.91	4.31	98.2	86.2	74.0-125			13.0	20
1,1-Dichloropropene	5.00	5.39	4.46	108	89.2	73.0-125			18.9	20
1,3-Dichloropropane	5.00	5.19	4.62	104	92.4	80.0-125			11.6	20
cis-1,3-Dichloropropene	5.00	4.93	4.53	98.6	90.6	76.0-127			8.46	20
trans-1,3-Dichloropropene	5.00	5.15	4.65	103	93.0	73.0-127			10.2	20
2,2-Dichloropropane	5.00	5.05	4.75	101	95.0	59.0-135			6.12	20
Di-isopropyl ether	5.00	4.76	4.46	95.2	89.2	60.0-136			6.51	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

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

(LCS) R4078412-1 06/05/24 02:38 • (LCSD) R4078412-2 06/05/24 02:58

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 %
Ethylbenzene	5.00	5.57	4.64	111	92.8	74.0-126			18.2	20
Hexachloro-1,3-butadiene	5.00	5.62	4.98	112	99.6	57.0-150			12.1	20
2-Hexanone	25.0	24.6	22.2	98.4	88.8	54.0-147			10.3	20
n-Hexane	5.00	4.86	3.91	97.2	78.2	55.0-137		J3	21.7	20
Iodomethane	25.0	25.2	21.2	101	84.8	74.0-134			17.2	20
Isopropylbenzene	5.00	5.46	4.79	109	95.8	72.0-127			13.1	20
p-Isopropyltoluene	5.00	5.32	4.80	106	96.0	72.0-133			10.3	20
2-Butanone (MEK)	25.0	25.0	24.9	100	99.6	30.0-160			0.401	24
Methylene Chloride	5.00	5.16	4.58	103	91.6	68.0-123			11.9	20
4-Methyl-2-pentanone (MIBK)	25.0	23.0	21.4	92.0	85.6	56.0-143			7.21	20
Methyl tert-butyl ether	5.00	5.04	4.81	101	96.2	66.0-132			4.67	20
Naphthalene	5.00	4.88	4.96	97.6	99.2	59.0-130			1.63	20
n-Propylbenzene	5.00	4.90	4.47	98.0	89.4	74.0-126			9.18	20
Styrene	5.00	5.26	4.85	105	97.0	72.0-127			8.11	20
1,1,1,2-Tetrachloroethane	5.00	5.31	4.99	106	99.8	74.0-129			6.21	20
1,1,2,2-Tetrachloroethane	5.00	4.49	4.24	89.8	84.8	68.0-128			5.73	20
1,1,2-Trichlorotrifluoroethane	5.00	5.99	5.05	120	101	61.0-139			17.0	20
Tetrachloroethene	5.00	5.79	5.08	116	102	70.0-136			13.1	20
Toluene	5.00	5.03	4.38	101	87.6	75.0-121			13.8	20
1,2,3-Trichlorobenzene	5.00	5.49	5.30	110	106	59.0-139			3.52	20
1,2,4-Trichlorobenzene	5.00	5.28	5.04	106	101	62.0-137			4.65	20
1,1,1-Trichloroethane	5.00	5.62	4.89	112	97.8	69.0-126			13.9	20
1,1,2-Trichloroethane	5.00	5.38	4.92	108	98.4	78.0-123			8.93	20
Trichloroethene	5.00	4.92	4.41	98.4	88.2	76.0-126			10.9	20
Trichlorofluoromethane	5.00	5.67	4.85	113	97.0	61.0-142	J	J	15.6	20
1,2,3-Trichloropropane	5.00	4.63	4.61	92.6	92.2	67.0-129			0.433	20
1,2,4-Trimethylbenzene	5.00	5.28	4.61	106	92.2	70.0-126			13.5	20
1,2,3-Trimethylbenzene	5.00	5.01	4.66	100	93.2	74.0-124			7.24	20
1,3,5-Trimethylbenzene	5.00	5.26	4.60	105	92.0	73.0-127			13.4	20
Vinyl acetate	25.0	22.2	19.2	88.8	76.8	43.0-159			14.5	20
Vinyl chloride	5.00	5.20	3.99	104	79.8	63.0-134		J3	26.3	20
Xylenes, Total	15.0	15.6	14.2	104	94.7	72.0-127			9.40	20
(S) Toluene-d8				101	98.9	75.0-131				
(S) 4-Bromofluorobenzene				103	104	67.0-138				
(S) 1,2-Dichloroethane-d4				94.7	93.6	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

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.
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.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

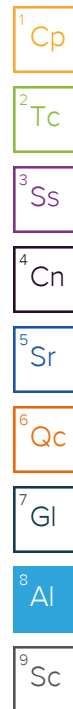
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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	LA000356
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		

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

* 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 Analytical.



PES Environmental, Inc.- WA

2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Billing Information:

Attn: Accounts Payable
2101 4th Avenue, Suite 1310
Seattle, WA 98121

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # **L1741135****A104**Acctnum: **PESENVSWA**Template: **T252143**Prelogin: **P1073076**PM: **546 - Jared Starkey**PB: **LM 5/4/24**

Shipped Via:

Remarks Sample # (lab only)

Report to:

Daniel Balbiani (ALP Q2)

Email To:

Sam.gruber@nvs.com
jessica.babb@nvs.com; nathalie.wisdom@nvs.com

Project Description:

American Linen Q2 2024

City/State

Collected: **Seattle, WA**

Please Circle:

PT MT CT ET

Phone: **206-529-3980**

Client Project

443022-1413001.10.603.04

Lab Project

PESENVSWA-ALP

Collected by (print):

Devlin Del Grande

Site/Facility ID

P.O.

443022-1413001.10.701

Collected by (signature):

[Signature]

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

No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-336-052824	G	GW	—	5/28/24	0724	3
MW-348-052824	G	GW	—	5/28/24	1000	8
MW-349-052824	G	GW	—	5/28/24	1107	8
MW-346-052824	G	GW	—	5/28/24	1219	8
MW-988-052824	G	GW	—	5/28/24	1411	8
		GW				
		GW				
		GW				
		GW				
		GW				
		GW				
		GW				

Fe, Mn 6020 250mlHDPE-HNO3

RSK175LL 40mlAmb-HCl

SULFATE 9060 125mlHDPE-NoPres

TOC 9060 250mlAmb-HCl

V8260ULL 40mlAmb-HCl

* Matrix:

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

Remarks:

Samples returned via:

___ UPS ___ FedEx ___ Courier

Tracking

7411 4519 3133

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: ☒ NP ☒ 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:

5/28/24

Time:

1521

Received by: (Signature)

Trip Blank Received: Yes ☒ No ☒HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: °C Bottles Received:

EDAG 1.57.1/1.6

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: Time:

5-29-24 9:00

Hold:

Condition:
NCF / OK

PES Environmental, Inc.- WA

Sample Delivery Group: L1742408
Samples Received: 06/01/2024
Project Number: 443022-1413001.10
Description: American Linen Q2 2024

Report To: Daniel Balbiani
2101 Fourth Ave., Suite 1310
Seattle, WA 98121

Entire Report Reviewed By:



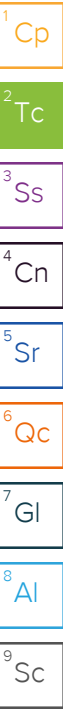
Jared Starkey
Project Manager

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 National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

MW-990-053124 L1742408-01 GW

Collected by
Devlin Del Giudice

Collected date/time
05/31/24 11:11

Received date/time
06/01/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2301894	1	06/10/24 05:04	06/10/24 05:04	JBE	Mt. Juliet, TN

¹Cp

²Tc

³Ss

MW-153-053124 L1742408-02 GW

Collected by
Devlin Del Giudice

Collected date/time
05/31/24 11:40

Received date/time
06/01/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2301894	1	06/10/24 05:24	06/10/24 05:24	JBE	Mt. Juliet, TN

⁴Cn

⁵Sr

MW-987-053124 L1742408-03 GW

Collected by
Devlin Del Giudice

Collected date/time
05/31/24 12:34

Received date/time
06/01/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2310843	10	06/28/24 02:51	06/28/24 02:51	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2307287	1	06/19/24 05:23	06/19/24 05:23	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2308019	1	06/20/24 00:33	07/03/24 17:17	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297748	1	06/06/24 11:32	06/06/24 11:32	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2301894	5	06/10/24 09:38	06/10/24 09:38	JBE	Mt. Juliet, TN

⁶Qc

⁷Gl

⁸Al

⁹Sc

MW-146-053124 L1742408-04 GW

Collected by
Devlin Del Giudice

Collected date/time
05/31/24 13:27

Received date/time
06/01/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2310843	1	06/28/24 03:23	06/28/24 03:23	DLH	Mt. Juliet, TN
Wet Chemistry by Method 9060A	WG2307287	1	06/19/24 05:44	06/19/24 05:44	ASH	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2308019	1	06/20/24 00:33	07/03/24 17:20	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2297748	1	06/06/24 11:40	06/06/24 11:40	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method RSK175	WG2300036	10	06/06/24 13:55	06/06/24 13:55	CCM	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2301894	10	06/10/24 09:58	06/10/24 09:58	JBE	Mt. Juliet, TN

CASE NARRATIVE

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

- 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 ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		0.548	1.00	1	06/10/2024 05:04	WG2301894
Acrylonitrile	U		0.0760	0.500	1	06/10/2024 05:04	WG2301894
Benzene	U		0.0160	0.0400	1	06/10/2024 05:04	WG2301894
Bromobenzene	U		0.0420	0.500	1	06/10/2024 05:04	WG2301894
Bromochloromethane	U		0.0452	0.200	1	06/10/2024 05:04	WG2301894
Bromodichloromethane	U		0.0315	0.100	1	06/10/2024 05:04	WG2301894
Bromoform	U		0.239	1.00	1	06/10/2024 05:04	WG2301894
Bromomethane	U	C3	0.148	0.500	1	06/10/2024 05:04	WG2301894
n-Butylbenzene	U		0.153	0.500	1	06/10/2024 05:04	WG2301894
sec-Butylbenzene	U		0.101	0.500	1	06/10/2024 05:04	WG2301894
tert-Butylbenzene	U		0.0620	0.200	1	06/10/2024 05:04	WG2301894
Carbon disulfide	U		0.162	0.500	1	06/10/2024 05:04	WG2301894
Carbon tetrachloride	U		0.0432	0.200	1	06/10/2024 05:04	WG2301894
Chlorobenzene	U		0.0229	0.100	1	06/10/2024 05:04	WG2301894
Chlorodibromomethane	U		0.0180	0.100	1	06/10/2024 05:04	WG2301894
Chloroethane	U		0.0432	0.200	1	06/10/2024 05:04	WG2301894
Chloroform	U		0.0166	0.100	1	06/10/2024 05:04	WG2301894
Chloromethane	U		0.0556	0.500	1	06/10/2024 05:04	WG2301894
2-Chlorotoluene	U		0.0368	0.100	1	06/10/2024 05:04	WG2301894
4-Chlorotoluene	U		0.0452	0.200	1	06/10/2024 05:04	WG2301894
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/10/2024 05:04	WG2301894
1,2-Dibromoethane	U		0.0210	0.100	1	06/10/2024 05:04	WG2301894
Dibromomethane	U		0.0400	0.200	1	06/10/2024 05:04	WG2301894
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/10/2024 05:04	WG2301894
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/10/2024 05:04	WG2301894
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/10/2024 05:04	WG2301894
trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	06/10/2024 05:04	WG2301894
Dichlorodifluoromethane	U		0.0327	0.200	1	06/10/2024 05:04	WG2301894
1,1-Dichloroethane	U		0.0230	0.100	1	06/10/2024 05:04	WG2301894
1,2-Dichloroethane	U		0.0190	0.100	1	06/10/2024 05:04	WG2301894
1,1-Dichloroethene	U		0.0200	0.100	1	06/10/2024 05:04	WG2301894
cis-1,2-Dichloroethene	0.599		0.0276	0.100	1	06/10/2024 05:04	WG2301894
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/10/2024 05:04	WG2301894
1,2-Dichloropropane	U		0.0508	0.200	1	06/10/2024 05:04	WG2301894
1,1-Dichloropropene	U		0.0280	0.100	1	06/10/2024 05:04	WG2301894
1,3-Dichloropropane	U		0.0700	0.200	1	06/10/2024 05:04	WG2301894
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/10/2024 05:04	WG2301894
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/10/2024 05:04	WG2301894
2,2-Dichloropropane	U		0.0317	0.100	1	06/10/2024 05:04	WG2301894
Di-isopropyl ether	U		0.0140	0.0400	1	06/10/2024 05:04	WG2301894
Ethylbenzene	U		0.0212	0.100	1	06/10/2024 05:04	WG2301894
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/10/2024 05:04	WG2301894
2-Hexanone	U		0.400	1.00	1	06/10/2024 05:04	WG2301894
n-Hexane	U		0.0424	0.200	1	06/10/2024 05:04	WG2301894
Iodomethane	U		0.242	0.500	1	06/10/2024 05:04	WG2301894
Isopropylbenzene	U		0.0345	0.100	1	06/10/2024 05:04	WG2301894
p-Isopropyltoluene	U		0.0932	0.200	1	06/10/2024 05:04	WG2301894
2-Butanone (MEK)	U		0.500	1.00	1	06/10/2024 05:04	WG2301894
Methylene Chloride	U		0.265	1.00	1	06/10/2024 05:04	WG2301894
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/10/2024 05:04	WG2301894
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/10/2024 05:04	WG2301894
Naphthalene	U		0.124	0.500	1	06/10/2024 05:04	WG2301894
n-Propylbenzene	U		0.0472	0.200	1	06/10/2024 05:04	WG2301894
Styrene	U		0.109	0.500	1	06/10/2024 05:04	WG2301894
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/10/2024 05:04	WG2301894
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/10/2024 05:04	WG2301894

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/10/2024 05:04	WG2301894
Tetrachloroethene	U		0.0280	0.100	1	06/10/2024 05:04	WG2301894
Toluene	U		0.0500	0.200	1	06/10/2024 05:04	WG2301894
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/10/2024 05:04	WG2301894
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/10/2024 05:04	WG2301894
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/10/2024 05:04	WG2301894
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/10/2024 05:04	WG2301894
Trichloroethene	U		0.0160	0.0400	1	06/10/2024 05:04	WG2301894
Trichlorofluoromethane	U		0.0200	0.100	1	06/10/2024 05:04	WG2301894
1,2,3-Trichloropropane	U		0.204	0.500	1	06/10/2024 05:04	WG2301894
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/10/2024 05:04	WG2301894
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/10/2024 05:04	WG2301894
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/10/2024 05:04	WG2301894
Vinyl acetate	U		0.141	0.500	1	06/10/2024 05:04	WG2301894
Vinyl chloride	0.280		0.0273	0.100	1	06/10/2024 05:04	WG2301894
Xylenes, Total	U		0.191	0.260	1	06/10/2024 05:04	WG2301894
(S) Toluene-d8	102			75.0-131		06/10/2024 05:04	WG2301894
(S) 4-Bromofluorobenzene	101			67.0-138		06/10/2024 05:04	WG2301894
(S) 1,2-Dichloroethane-d4	90.9			70.0-130		06/10/2024 05:04	WG2301894

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

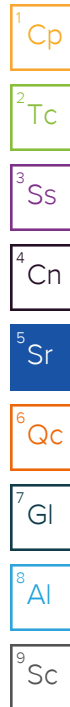
7Gl

8Al

9Sc

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	06/10/2024 05:24	WG2301894
Acrylonitrile	U		0.0760	0.500	1	06/10/2024 05:24	WG2301894
Benzene	U		0.0160	0.0400	1	06/10/2024 05:24	WG2301894
Bromobenzene	U		0.0420	0.500	1	06/10/2024 05:24	WG2301894
Bromochloromethane	U		0.0452	0.200	1	06/10/2024 05:24	WG2301894
Bromodichloromethane	U		0.0315	0.100	1	06/10/2024 05:24	WG2301894
Bromoform	U		0.239	1.00	1	06/10/2024 05:24	WG2301894
Bromomethane	U	C3	0.148	0.500	1	06/10/2024 05:24	WG2301894
n-Butylbenzene	U		0.153	0.500	1	06/10/2024 05:24	WG2301894
sec-Butylbenzene	U		0.101	0.500	1	06/10/2024 05:24	WG2301894
tert-Butylbenzene	U		0.0620	0.200	1	06/10/2024 05:24	WG2301894
Carbon disulfide	U		0.162	0.500	1	06/10/2024 05:24	WG2301894
Carbon tetrachloride	U		0.0432	0.200	1	06/10/2024 05:24	WG2301894
Chlorobenzene	U		0.0229	0.100	1	06/10/2024 05:24	WG2301894
Chlorodibromomethane	U		0.0180	0.100	1	06/10/2024 05:24	WG2301894
Chloroethane	U		0.0432	0.200	1	06/10/2024 05:24	WG2301894
Chloroform	U		0.0166	0.100	1	06/10/2024 05:24	WG2301894
Chloromethane	U		0.0556	0.500	1	06/10/2024 05:24	WG2301894
2-Chlorotoluene	U		0.0368	0.100	1	06/10/2024 05:24	WG2301894
4-Chlorotoluene	U		0.0452	0.200	1	06/10/2024 05:24	WG2301894
1,2-Dibromo-3-Chloropropane	U	C3	0.204	1.00	1	06/10/2024 05:24	WG2301894
1,2-Dibromoethane	U		0.0210	0.100	1	06/10/2024 05:24	WG2301894
Dibromomethane	U		0.0400	0.200	1	06/10/2024 05:24	WG2301894
1,2-Dichlorobenzene	U		0.0580	0.200	1	06/10/2024 05:24	WG2301894
1,3-Dichlorobenzene	U		0.0680	0.200	1	06/10/2024 05:24	WG2301894
1,4-Dichlorobenzene	U		0.0788	0.200	1	06/10/2024 05:24	WG2301894
trans-1,4-Dichloro-2-butene	U	C3	0.0560	0.200	1	06/10/2024 05:24	WG2301894
Dichlorodifluoromethane	U		0.0327	0.200	1	06/10/2024 05:24	WG2301894
1,1-Dichloroethane	U		0.0230	0.100	1	06/10/2024 05:24	WG2301894
1,2-Dichloroethane	U		0.0190	0.100	1	06/10/2024 05:24	WG2301894
1,1-Dichloroethene	U		0.0200	0.100	1	06/10/2024 05:24	WG2301894
cis-1,2-Dichloroethene	0.564		0.0276	0.100	1	06/10/2024 05:24	WG2301894
trans-1,2-Dichloroethene	U		0.0572	0.200	1	06/10/2024 05:24	WG2301894
1,2-Dichloropropane	U		0.0508	0.200	1	06/10/2024 05:24	WG2301894
1,1-Dichloropropene	U		0.0280	0.100	1	06/10/2024 05:24	WG2301894
1,3-Dichloropropane	U		0.0700	0.200	1	06/10/2024 05:24	WG2301894
cis-1,3-Dichloropropene	U		0.0271	0.100	1	06/10/2024 05:24	WG2301894
trans-1,3-Dichloropropene	U		0.0612	0.200	1	06/10/2024 05:24	WG2301894
2,2-Dichloropropane	U		0.0317	0.100	1	06/10/2024 05:24	WG2301894
Di-isopropyl ether	U		0.0140	0.0400	1	06/10/2024 05:24	WG2301894
Ethylbenzene	U		0.0212	0.100	1	06/10/2024 05:24	WG2301894
Hexachloro-1,3-butadiene	U		0.508	1.00	1	06/10/2024 05:24	WG2301894
2-Hexanone	U		0.400	1.00	1	06/10/2024 05:24	WG2301894
n-Hexane	U		0.0424	0.200	1	06/10/2024 05:24	WG2301894
Iodomethane	U		0.242	0.500	1	06/10/2024 05:24	WG2301894
Isopropylbenzene	U		0.0345	0.100	1	06/10/2024 05:24	WG2301894
p-Isopropyltoluene	U		0.0932	0.200	1	06/10/2024 05:24	WG2301894
2-Butanone (MEK)	U		0.500	1.00	1	06/10/2024 05:24	WG2301894
Methylene Chloride	U		0.265	1.00	1	06/10/2024 05:24	WG2301894
4-Methyl-2-pentanone (MIBK)	U		0.400	1.00	1	06/10/2024 05:24	WG2301894
Methyl tert-butyl ether	U		0.0118	0.0400	1	06/10/2024 05:24	WG2301894
Naphthalene	U		0.124	0.500	1	06/10/2024 05:24	WG2301894
n-Propylbenzene	U		0.0472	0.200	1	06/10/2024 05:24	WG2301894
Styrene	U		0.109	0.500	1	06/10/2024 05:24	WG2301894
1,1,1,2-Tetrachloroethane	U		0.0200	0.100	1	06/10/2024 05:24	WG2301894
1,1,2,2-Tetrachloroethane	U		0.0156	0.100	1	06/10/2024 05:24	WG2301894



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100	1	06/10/2024 05:24	WG2301894
Tetrachloroethene	U		0.0280	0.100	1	06/10/2024 05:24	WG2301894
Toluene	U		0.0500	0.200	1	06/10/2024 05:24	WG2301894
1,2,3-Trichlorobenzene	U		0.0250	0.500	1	06/10/2024 05:24	WG2301894
1,2,4-Trichlorobenzene	U		0.193	0.500	1	06/10/2024 05:24	WG2301894
1,1,1-Trichloroethane	U		0.0110	0.100	1	06/10/2024 05:24	WG2301894
1,1,2-Trichloroethane	U		0.0353	0.100	1	06/10/2024 05:24	WG2301894
Trichloroethene	U		0.0160	0.0400	1	06/10/2024 05:24	WG2301894
Trichlorofluoromethane	U		0.0200	0.100	1	06/10/2024 05:24	WG2301894
1,2,3-Trichloropropane	U		0.204	0.500	1	06/10/2024 05:24	WG2301894
1,2,4-Trimethylbenzene	U		0.0464	0.200	1	06/10/2024 05:24	WG2301894
1,2,3-Trimethylbenzene	U		0.0460	0.200	1	06/10/2024 05:24	WG2301894
1,3,5-Trimethylbenzene	U		0.0432	0.200	1	06/10/2024 05:24	WG2301894
Vinyl acetate	U		0.141	0.500	1	06/10/2024 05:24	WG2301894
Vinyl chloride	0.273		0.0273	0.100	1	06/10/2024 05:24	WG2301894
Xylenes, Total	U		0.191	0.260	1	06/10/2024 05:24	WG2301894
(S) Toluene-d8	103			75.0-131		06/10/2024 05:24	WG2301894
(S) 4-Bromofluorobenzene	98.8			67.0-138		06/10/2024 05:24	WG2301894
(S) 1,2-Dichloroethane-d4	92.7			70.0-130		06/10/2024 05:24	WG2301894

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Sulfate	17600	J	5940	50000	10	06/28/2024 02:51	WG2310843

Sample Narrative:
L1742408-03 WG2310843: Dilution due to matrix interference

Wet Chemistry by Method 9060A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	5610		102	1000	1	06/19/2024 05:23	WG2307287

Metals (ICPMS) by Method 6020B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Iron	7670		28.1	100	1	07/03/2024 17:17	WG2308019
Manganese	1760		0.704	5.00	1	07/03/2024 17:17	WG2308019

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Methane	1080		0.287	0.678	1	06/06/2024 11:32	WG2297748
Ethane	13.0		0.296	1.29	1	06/06/2024 11:32	WG2297748
Ethene	9.86		0.422	1.27	1	06/06/2024 11:32	WG2297748

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

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Acetone	U		2.74	5.00	5	06/10/2024 09:38	WG2301894
Acrylonitrile	U		0.380	2.50	5	06/10/2024 09:38	WG2301894
Benzene	U		0.0800	0.200	5	06/10/2024 09:38	WG2301894
Bromobenzene	U		0.210	2.50	5	06/10/2024 09:38	WG2301894
Bromochloromethane	U		0.226	1.00	5	06/10/2024 09:38	WG2301894
Bromodichloromethane	U		0.158	0.500	5	06/10/2024 09:38	WG2301894
Bromoform	U		1.20	5.00	5	06/10/2024 09:38	WG2301894
Bromomethane	U	C3	0.740	2.50	5	06/10/2024 09:38	WG2301894
n-Butylbenzene	U		0.765	2.50	5	06/10/2024 09:38	WG2301894
sec-Butylbenzene	U		0.505	2.50	5	06/10/2024 09:38	WG2301894
tert-Butylbenzene	U		0.310	1.00	5	06/10/2024 09:38	WG2301894
Carbon disulfide	U		0.810	2.50	5	06/10/2024 09:38	WG2301894
Carbon tetrachloride	U		0.216	1.00	5	06/10/2024 09:38	WG2301894
Chlorobenzene	U		0.115	0.500	5	06/10/2024 09:38	WG2301894
Chlorodibromomethane	U		0.0900	0.500	5	06/10/2024 09:38	WG2301894
Chloroethane	U		0.216	1.00	5	06/10/2024 09:38	WG2301894
Chloroform	U		0.0830	0.500	5	06/10/2024 09:38	WG2301894
Chloromethane	U		0.278	2.50	5	06/10/2024 09:38	WG2301894
2-Chlorotoluene	U		0.184	0.500	5	06/10/2024 09:38	WG2301894
4-Chlorotoluene	U		0.226	1.00	5	06/10/2024 09:38	WG2301894
1,2-Dibromo-3-Chloropropane	U	C3	1.02	5.00	5	06/10/2024 09:38	WG2301894
1,2-Dibromoethane	U		0.105	0.500	5	06/10/2024 09:38	WG2301894
Dibromomethane	U		0.200	1.00	5	06/10/2024 09:38	WG2301894
1,2-Dichlorobenzene	U		0.290	1.00	5	06/10/2024 09:38	WG2301894
1,3-Dichlorobenzene	U		0.340	1.00	5	06/10/2024 09:38	WG2301894
1,4-Dichlorobenzene	U		0.394	1.00	5	06/10/2024 09:38	WG2301894
trans-1,4-Dichloro-2-butene	U	C3	0.280	1.00	5	06/10/2024 09:38	WG2301894
Dichlorodifluoromethane	U		0.164	1.00	5	06/10/2024 09:38	WG2301894

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,1-Dichloroethane	U		0.115	0.500	5	06/10/2024 09:38	WG2301894
1,2-Dichloroethane	U		0.0950	0.500	5	06/10/2024 09:38	WG2301894
1,1-Dichloroethene	U		0.100	0.500	5	06/10/2024 09:38	WG2301894
cis-1,2-Dichloroethene	56.5		0.138	0.500	5	06/10/2024 09:38	WG2301894
trans-1,2-Dichloroethene	1.15		0.286	1.00	5	06/10/2024 09:38	WG2301894
1,2-Dichloropropane	U		0.254	1.00	5	06/10/2024 09:38	WG2301894
1,1-Dichloropropene	U		0.140	0.500	5	06/10/2024 09:38	WG2301894
1,3-Dichloropropane	U		0.350	1.00	5	06/10/2024 09:38	WG2301894
cis-1,3-Dichloropropene	U		0.136	0.500	5	06/10/2024 09:38	WG2301894
trans-1,3-Dichloropropene	U		0.306	1.00	5	06/10/2024 09:38	WG2301894
2,2-Dichloropropane	U		0.159	0.500	5	06/10/2024 09:38	WG2301894
Di-isopropyl ether	U		0.0700	0.200	5	06/10/2024 09:38	WG2301894
Ethylbenzene	U		0.106	0.500	5	06/10/2024 09:38	WG2301894
Hexachloro-1,3-butadiene	U		2.54	5.00	5	06/10/2024 09:38	WG2301894
2-Hexanone	U		2.00	5.00	5	06/10/2024 09:38	WG2301894
n-Hexane	U		0.212	1.00	5	06/10/2024 09:38	WG2301894
Iodomethane	U		1.21	2.50	5	06/10/2024 09:38	WG2301894
Isopropylbenzene	U		0.173	0.500	5	06/10/2024 09:38	WG2301894
p-Isopropyltoluene	U		0.466	1.00	5	06/10/2024 09:38	WG2301894
2-Butanone (MEK)	U		2.50	5.00	5	06/10/2024 09:38	WG2301894
Methylene Chloride	U		1.33	5.00	5	06/10/2024 09:38	WG2301894
4-Methyl-2-pentanone (MIBK)	U		2.00	5.00	5	06/10/2024 09:38	WG2301894
Methyl tert-butyl ether	U		0.0590	0.200	5	06/10/2024 09:38	WG2301894
Naphthalene	U		0.620	2.50	5	06/10/2024 09:38	WG2301894
n-Propylbenzene	U		0.236	1.00	5	06/10/2024 09:38	WG2301894
Styrene	U		0.545	2.50	5	06/10/2024 09:38	WG2301894
1,1,1,2-Tetrachloroethane	U		0.100	0.500	5	06/10/2024 09:38	WG2301894
1,1,2,2-Tetrachloroethane	U		0.0780	0.500	5	06/10/2024 09:38	WG2301894
1,1,2-Trichlorotrifluoroethane	U		0.135	0.500	5	06/10/2024 09:38	WG2301894
Tetrachloroethene	U		0.140	0.500	5	06/10/2024 09:38	WG2301894
Toluene	U		0.250	1.00	5	06/10/2024 09:38	WG2301894
1,2,3-Trichlorobenzene	U		0.125	2.50	5	06/10/2024 09:38	WG2301894
1,2,4-Trichlorobenzene	U		0.965	2.50	5	06/10/2024 09:38	WG2301894
1,1,1-Trichloroethane	U		0.0550	0.500	5	06/10/2024 09:38	WG2301894
1,1,2-Trichloroethane	U		0.177	0.500	5	06/10/2024 09:38	WG2301894
Trichloroethene	0.340		0.0800	0.200	5	06/10/2024 09:38	WG2301894
Trichlorofluoromethane	U		0.100	0.500	5	06/10/2024 09:38	WG2301894
1,2,3-Trichloropropane	U		1.02	2.50	5	06/10/2024 09:38	WG2301894
1,2,4-Trimethylbenzene	U		0.232	1.00	5	06/10/2024 09:38	WG2301894
1,2,3-Trimethylbenzene	U		0.230	1.00	5	06/10/2024 09:38	WG2301894
1,3,5-Trimethylbenzene	U		0.216	1.00	5	06/10/2024 09:38	WG2301894
Vinyl acetate	U		0.705	2.50	5	06/10/2024 09:38	WG2301894
Vinyl chloride	160		0.137	0.500	5	06/10/2024 09:38	WG2301894
Xylenes, Total	U		0.955	1.30	5	06/10/2024 09:38	WG2301894
(S) Toluene-d8	103			75.0-131		06/10/2024 09:38	WG2301894
(S) 4-Bromofluorobenzene	102			67.0-138		06/10/2024 09:38	WG2301894
(S) 1,2-Dichloroethane-d4	92.3			70.0-130		06/10/2024 09:38	WG2301894

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Wet Chemistry by Method 9056A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Sulfate	15600		594	5000	1	06/28/2024 03:23	WG2310843

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Wet Chemistry by Method 9060A

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
TOC (Total Organic Carbon)	5780		102	1000	1	06/19/2024 05:44	WG2307287

Metals (ICPMS) by Method 6020B

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Iron	7540		28.1	100	1	07/03/2024 17:20	WG2308019
Manganese	1670		0.704	5.00	1	07/03/2024 17:20	WG2308019

Volatile Organic Compounds (GC) by Method RSK175

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Methane	10200		2.87	6.78	10	06/06/2024 13:55	WG2300036
Ethane	116		0.296	1.29	1	06/06/2024 11:40	WG2297748
Ethene	85.9		0.422	1.27	1	06/06/2024 11:40	WG2297748

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

	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
Analyte	ug/l		ug/l	ug/l		date / time	
Acetone	U		5.48	10.0	10	06/10/2024 09:58	WG2301894
Acrylonitrile	U		0.760	5.00	10	06/10/2024 09:58	WG2301894
Benzene	U		0.160	0.400	10	06/10/2024 09:58	WG2301894
Bromobenzene	U		0.420	5.00	10	06/10/2024 09:58	WG2301894
Bromochloromethane	U		0.452	2.00	10	06/10/2024 09:58	WG2301894
Bromodichloromethane	U		0.315	1.00	10	06/10/2024 09:58	WG2301894
Bromoform	U		2.39	10.0	10	06/10/2024 09:58	WG2301894
Bromomethane	U	C3	1.48	5.00	10	06/10/2024 09:58	WG2301894
n-Butylbenzene	U		1.53	5.00	10	06/10/2024 09:58	WG2301894
sec-Butylbenzene	U		1.01	5.00	10	06/10/2024 09:58	WG2301894
tert-Butylbenzene	U		0.620	2.00	10	06/10/2024 09:58	WG2301894
Carbon disulfide	U		1.62	5.00	10	06/10/2024 09:58	WG2301894
Carbon tetrachloride	U		0.432	2.00	10	06/10/2024 09:58	WG2301894
Chlorobenzene	U		0.229	1.00	10	06/10/2024 09:58	WG2301894
Chlorodibromomethane	U		0.180	1.00	10	06/10/2024 09:58	WG2301894
Chloroethane	U		0.432	2.00	10	06/10/2024 09:58	WG2301894
Chloroform	U		0.166	1.00	10	06/10/2024 09:58	WG2301894
Chloromethane	U		0.556	5.00	10	06/10/2024 09:58	WG2301894
2-Chlorotoluene	U		0.368	1.00	10	06/10/2024 09:58	WG2301894
4-Chlorotoluene	U		0.452	2.00	10	06/10/2024 09:58	WG2301894
1,2-Dibromo-3-Chloropropane	U	C3	2.04	10.0	10	06/10/2024 09:58	WG2301894
1,2-Dibromoethane	U		0.210	1.00	10	06/10/2024 09:58	WG2301894
Dibromomethane	U		0.400	2.00	10	06/10/2024 09:58	WG2301894
1,2-Dichlorobenzene	U		0.580	2.00	10	06/10/2024 09:58	WG2301894
1,3-Dichlorobenzene	U		0.680	2.00	10	06/10/2024 09:58	WG2301894
1,4-Dichlorobenzene	U		0.788	2.00	10	06/10/2024 09:58	WG2301894
trans-1,4-Dichloro-2-butene	U	C3	0.560	2.00	10	06/10/2024 09:58	WG2301894
Dichlorodifluoromethane	U		0.327	2.00	10	06/10/2024 09:58	WG2301894
1,1-Dichloroethane	U		0.230	1.00	10	06/10/2024 09:58	WG2301894
1,2-Dichloroethane	U		0.190	1.00	10	06/10/2024 09:58	WG2301894
1,1-Dichloroethene	U		0.200	1.00	10	06/10/2024 09:58	WG2301894

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
cis-1,2-Dichloroethene	38.8		0.276	1.00	10	06/10/2024 09:58	WG2301894
trans-1,2-Dichloroethene	1.16	U	0.572	2.00	10	06/10/2024 09:58	WG2301894
1,2-Dichloropropane	U		0.508	2.00	10	06/10/2024 09:58	WG2301894
1,1-Dichloropropene	U		0.280	1.00	10	06/10/2024 09:58	WG2301894
1,3-Dichloropropane	U		0.700	2.00	10	06/10/2024 09:58	WG2301894
cis-1,3-Dichloropropene	U		0.271	1.00	10	06/10/2024 09:58	WG2301894
trans-1,3-Dichloropropene	U		0.612	2.00	10	06/10/2024 09:58	WG2301894
2,2-Dichloropropane	U		0.317	1.00	10	06/10/2024 09:58	WG2301894
Di-isopropyl ether	U		0.140	0.400	10	06/10/2024 09:58	WG2301894
Ethylbenzene	U		0.212	1.00	10	06/10/2024 09:58	WG2301894
Hexachloro-1,3-butadiene	U		5.08	10.0	10	06/10/2024 09:58	WG2301894
2-Hexanone	U		4.00	10.0	10	06/10/2024 09:58	WG2301894
n-Hexane	U		0.424	2.00	10	06/10/2024 09:58	WG2301894
Iodomethane	U		2.42	5.00	10	06/10/2024 09:58	WG2301894
Isopropylbenzene	U		0.345	1.00	10	06/10/2024 09:58	WG2301894
p-Isopropyltoluene	U		0.932	2.00	10	06/10/2024 09:58	WG2301894
2-Butanone (MEK)	U		5.00	10.0	10	06/10/2024 09:58	WG2301894
Methylene Chloride	U		2.65	10.0	10	06/10/2024 09:58	WG2301894
4-Methyl-2-pentanone (MIBK)	U		4.00	10.0	10	06/10/2024 09:58	WG2301894
Methyl tert-butyl ether	U		0.118	0.400	10	06/10/2024 09:58	WG2301894
Naphthalene	U		1.24	5.00	10	06/10/2024 09:58	WG2301894
n-Propylbenzene	U		0.472	2.00	10	06/10/2024 09:58	WG2301894
Styrene	U		1.09	5.00	10	06/10/2024 09:58	WG2301894
1,1,1,2-Tetrachloroethane	U		0.200	1.00	10	06/10/2024 09:58	WG2301894
1,1,2,2-Tetrachloroethane	U		0.156	1.00	10	06/10/2024 09:58	WG2301894
1,1,2-Trichlorotrifluoroethane	U		0.270	1.00	10	06/10/2024 09:58	WG2301894
Tetrachloroethene	U		0.280	1.00	10	06/10/2024 09:58	WG2301894
Toluene	U		0.500	2.00	10	06/10/2024 09:58	WG2301894
1,2,3-Trichlorobenzene	U		0.250	5.00	10	06/10/2024 09:58	WG2301894
1,2,4-Trichlorobenzene	U		1.93	5.00	10	06/10/2024 09:58	WG2301894
1,1,1-Trichloroethane	U		0.110	1.00	10	06/10/2024 09:58	WG2301894
1,1,2-Trichloroethane	U		0.353	1.00	10	06/10/2024 09:58	WG2301894
Trichloroethene	0.510		0.160	0.400	10	06/10/2024 09:58	WG2301894
Trichlorofluoromethane	U		0.200	1.00	10	06/10/2024 09:58	WG2301894
1,2,3-Trichloropropane	U		2.04	5.00	10	06/10/2024 09:58	WG2301894
1,2,4-Trimethylbenzene	U		0.464	2.00	10	06/10/2024 09:58	WG2301894
1,2,3-Trimethylbenzene	U		0.460	2.00	10	06/10/2024 09:58	WG2301894
1,3,5-Trimethylbenzene	U		0.432	2.00	10	06/10/2024 09:58	WG2301894
Vinyl acetate	U		1.41	5.00	10	06/10/2024 09:58	WG2301894
Vinyl chloride	149		0.273	1.00	10	06/10/2024 09:58	WG2301894
Xylenes, Total	U		1.91	2.60	10	06/10/2024 09:58	WG2301894
(S) Toluene-d8	101			75.0-131		06/10/2024 09:58	WG2301894
(S) 4-Bromofluorobenzene	98.8			67.0-138		06/10/2024 09:58	WG2301894
(S) 1,2-Dichloroethane-d4	89.4			70.0-130		06/10/2024 09:58	WG2301894

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4087713-1 06/27/24 20:30

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

L1742271-10 Original Sample (OS) • Duplicate (DUP)

(OS) L1742271-10 06/28/24 00:28 • (DUP) R4087713-3 06/28/24 00:44

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	5560	5570	1	0.117		15

L1742271-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1742271-11 06/28/24 01:32 • (DUP) R4087713-6 06/28/24 01:48

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Sulfate	5570	5600	1	0.501		15

Laboratory Control Sample (LCS)

(LCS) R4087713-2 06/27/24 20:45

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Sulfate	40000	38900	97.3	80.0-120	

L1742271-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1742271-10 06/28/24 00:28 • (MS) R4087713-4 06/28/24 01:00 • (MSD) R4087713-5 06/28/24 01:16

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Sulfate	40000	5560	42800	42900	93.1	93.3	1	80.0-120			0.224	15

L1742271-11 Original Sample (OS) • Matrix Spike (MS)

(OS) L1742271-11 06/28/24 01:32 • (MS) R4087713-7 06/28/24 02:04

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Sulfate	40000	5570	44000	96.1	1	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4083539-2 06/18/24 19:13

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
TOC (Total Organic Carbon)	115	⬇	102	1000

L1742265-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1742265-04 06/18/24 20:37 • (DUP) R4083539-3 06/18/24 20:59

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	11600	11800	1	1.45		20

L1742271-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1742271-09 06/19/24 01:49 • (DUP) R4083539-6 06/19/24 02:09

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
TOC (Total Organic Carbon)	4060	4220	1	3.89		20

Laboratory Control Sample (LCS)

(LCS) R4083539-1 06/18/24 18:56

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
TOC (Total Organic Carbon)	25000	23900	95.7	85.0-115	

L1742265-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1742265-05 06/18/24 21:19 • (MS) R4083539-4 06/18/24 21:43 • (MSD) R4083539-5 06/18/24 22:06

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	1670	25900	25800	96.9	96.3	1	85.0-115			0.581	20

L1742271-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1742271-10 06/19/24 02:30 • (MS) R4083539-7 06/19/24 03:00 • (MSD) R4083539-8 06/19/24 03:24

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
TOC (Total Organic Carbon)	25000	2520	26400	26000	95.6	93.9	1	85.0-115			1.56	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4089915-1 07/03/24 16:34

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

Laboratory Control Sample (LCS)

(LCS) R4089915-2 07/03/24 16:37

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	ug/l	ug/l	%	%	
Iron	1000	1060	106	80.0-120	
Manganese	50.0	51.1	102	80.0-120	

L1742401-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1742401-01 07/03/24 16:41 • (MS) R4089915-4 07/03/24 16:47 • (MSD) R4089915-5 07/03/24 16:51

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Iron	1000	61.6	1140	1110	108	105	1	75.0-125			2.91	20
Manganese	50.0	35.4	88.5	86.7	106	103	1	75.0-125			2.11	20

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Method Blank (MB)

(MB) R4078088-2 06/06/24 08:53

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

L1742145-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1742145-04 06/06/24 09:07 • (DUP) R4078088-3 06/06/24 09:36

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

L1742200-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1742200-01 06/06/24 09:40 • (DUP) R4078088-4 06/06/24 11:58

Analyte	Original Result ug/l	DUP Result ug/l	Dilution	DUP RPD %	DUP RPD Limits %
Methane	40.9	42.3	1	3.37	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) R4078088-1 06/06/24 08:50 • (LCSD) R4078088-5 06/06/24 12:03

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	62.9	60.7	92.8	89.5	85.0-115			3.56	20
Ethane	129	122	119	94.6	92.2	85.0-115			2.49	20
Ethene	127	122	119	96.1	93.7	85.0-115			2.49	20

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4078116-2 06/06/24 13:44

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

L1742145-13 Original Sample (OS) • Duplicate (DUP)

(OS) L1742145-13 06/06/24 13:47 • (DUP) R4078116-3 06/06/24 13:58

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Methane	10700	10300	10	3.81		20

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

(LCS) R4078116-1 06/06/24 13:41 • (LCSD) R4078116-4 06/06/24 14:01

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Methane	67.8	63.9	68.7	94.2	101	85.0-115			7.24	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4079623-3 06/10/24 03:06

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
Bromochloromethane	U		0.0452	0.200
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 disulfide	U		0.162	0.500
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	0.200
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

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4079623-3 06/10/24 03:06

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Ethylbenzene	U		0.0212	0.100
Hexachloro-1,3-butadiene	U		0.508	1.00
2-Hexanone	U		0.400	1.00
n-Hexane	U		0.0424	0.200
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
1,1,2-Trichlorotrifluoroethane	U		0.0270	0.100
Tetrachloroethene	U		0.0280	0.100
Toluene	U		0.0500	0.200
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
1,2,4-Trimethylbenzene	U		0.0464	0.200
1,2,3-Trimethylbenzene	U		0.0460	0.200
1,3,5-Trimethylbenzene	U		0.0432	0.200
Vinyl acetate	U		0.141	0.500
Vinyl chloride	U		0.0273	0.100
Xylenes, Total	U		0.191	0.260
(S) Toluene-d8	101			75.0-131
(S) 4-Bromofluorobenzene	99.9			67.0-138
(S) 1,2-Dichloroethane-d4	93.8			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R4079623-1 06/10/24 01:48 • (LCSD) R4079623-2 06/10/24 02:07

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	21.0	19.1	84.0	76.4	10.0-160			9.48	31
Acrylonitrile	25.0	24.6	23.8	98.4	95.2	45.0-153			3.31	22
Benzene	5.00	4.89	4.83	97.8	96.6	70.0-123			1.23	20
Bromobenzene	5.00	4.82	4.56	96.4	91.2	73.0-121			5.54	20
Bromochloromethane	5.00	5.08	5.04	102	101	77.0-128			0.791	20
Bromodichloromethane	5.00	4.72	4.49	94.4	89.8	73.0-121			4.99	20
Bromoform	5.00	4.75	4.65	95.0	93.0	64.0-132			2.13	20
Bromomethane	5.00	3.65	3.94	73.0	78.8	56.0-147			7.64	20
n-Butylbenzene	5.00	5.80	5.40	116	108	68.0-135			7.14	20
sec-Butylbenzene	5.00	4.96	4.74	99.2	94.8	74.0-130			4.54	20
tert-Butylbenzene	5.00	4.97	4.69	99.4	93.8	75.0-127			5.80	20
Carbon disulfide	5.00	5.16	5.19	103	104	56.0-133			0.580	20
Carbon tetrachloride	5.00	5.16	5.39	103	108	66.0-128			4.36	20
Chlorobenzene	5.00	5.30	4.97	106	99.4	76.0-128			6.43	20
Chlorodibromomethane	5.00	5.31	4.84	106	96.8	74.0-127			9.26	20
Chloroethane	5.00	4.33	4.55	86.6	91.0	61.0-134			4.95	20
Chloroform	5.00	4.84	4.91	96.8	98.2	72.0-123			1.44	20
Chloromethane	5.00	5.50	5.37	110	107	51.0-138			2.39	20
2-Chlorotoluene	5.00	4.81	4.57	96.2	91.4	75.0-124			5.12	20
4-Chlorotoluene	5.00	4.59	4.33	91.8	86.6	75.0-124			5.83	20
1,2-Dibromo-3-Chloropropane	5.00	3.72	3.83	74.4	76.6	59.0-130			2.91	20
1,2-Dibromoethane	5.00	5.02	4.63	100	92.6	74.0-128			8.08	20
Dibromomethane	5.00	5.02	4.77	100	95.4	75.0-122			5.11	20
1,2-Dichlorobenzene	5.00	4.82	4.77	96.4	95.4	76.0-124			1.04	20
1,3-Dichlorobenzene	5.00	5.20	4.93	104	98.6	76.0-125			5.33	20
1,4-Dichlorobenzene	5.00	4.86	4.64	97.2	92.8	77.0-121			4.63	20
trans-1,4-Dichloro-2-butene	5.00	2.94	2.75	58.8	55.0	45.0-143			6.68	20
Dichlorodifluoromethane	5.00	5.61	5.99	112	120	43.0-156			6.55	20
1,1-Dichloroethane	5.00	4.95	4.75	99.0	95.0	70.0-127			4.12	20
1,2-Dichloroethane	5.00	4.41	4.34	88.2	86.8	65.0-131			1.60	20
1,1-Dichloroethene	5.00	5.25	5.27	105	105	65.0-131			0.380	20
cis-1,2-Dichloroethene	5.00	5.30	5.27	106	105	73.0-125			0.568	20
trans-1,2-Dichloroethene	5.00	5.26	5.38	105	108	71.0-125			2.26	20
1,2-Dichloropropane	5.00	5.06	4.78	101	95.6	74.0-125			5.69	20
1,1-Dichloropropene	5.00	5.07	5.06	101	101	73.0-125			0.197	20
1,3-Dichloropropane	5.00	5.11	4.61	102	92.2	80.0-125			10.3	20
cis-1,3-Dichloropropene	5.00	5.13	4.86	103	97.2	76.0-127			5.41	20
trans-1,3-Dichloropropene	5.00	5.11	4.82	102	96.4	73.0-127			5.84	20
2,2-Dichloropropane	5.00	5.20	5.33	104	107	59.0-135			2.47	20
Di-isopropyl ether	5.00	5.07	5.02	101	100	60.0-136			0.991	20

¹Cp

²Tc

³Ss

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⁷Gl

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⁹Sc

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

(LCS) R4079623-1 06/10/24 01:48 • (LCSD) R4079623-2 06/10/24 02:07

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Ethylbenzene	5.00	5.17	4.89	103	97.8	74.0-126			5.57	20
Hexachloro-1,3-butadiene	5.00	5.60	5.89	112	118	57.0-150			5.05	20
2-Hexanone	25.0	25.3	23.5	101	94.0	54.0-147			7.38	20
n-Hexane	5.00	5.66	5.57	113	111	55.0-137			1.60	20
Iodomethane	25.0	25.1	25.2	100	101	74.0-134			0.398	20
Isopropylbenzene	5.00	5.17	4.97	103	99.4	72.0-127			3.94	20
p-Isopropyltoluene	5.00	5.21	4.99	104	99.8	72.0-133			4.31	20
2-Butanone (MEK)	25.0	28.9	27.6	116	110	30.0-160			4.60	24
Methylene Chloride	5.00	5.05	5.06	101	101	68.0-123			0.198	20
4-Methyl-2-pentanone (MIBK)	25.0	24.9	23.0	99.6	92.0	56.0-143			7.93	20
Methyl tert-butyl ether	5.00	4.74	4.81	94.8	96.2	66.0-132			1.47	20
Naphthalene	5.00	4.50	4.53	90.0	90.6	59.0-130			0.664	20
n-Propylbenzene	5.00	4.72	4.42	94.4	88.4	74.0-126			6.56	20
Styrene	5.00	5.23	4.89	105	97.8	72.0-127			6.72	20
1,1,1,2-Tetrachloroethane	5.00	5.32	5.02	106	100	74.0-129			5.80	20
1,1,2,2-Tetrachloroethane	5.00	4.25	4.04	85.0	80.8	68.0-128			5.07	20
1,1,2-Trichlorotrifluoroethane	5.00	5.59	5.75	112	115	61.0-139			2.82	20
Tetrachloroethene	5.00	6.17	5.64	123	113	70.0-136			8.98	20
Toluene	5.00	5.04	4.66	101	93.2	75.0-121			7.84	20
1,2,3-Trichlorobenzene	5.00	5.08	4.84	102	96.8	59.0-139			4.84	20
1,2,4-Trichlorobenzene	5.00	5.11	5.06	102	101	62.0-137			0.983	20
1,1,1-Trichloroethane	5.00	5.30	5.29	106	106	69.0-126			0.189	20
1,1,2-Trichloroethane	5.00	5.39	4.94	108	98.8	78.0-123			8.71	20
Trichloroethene	5.00	5.01	4.87	100	97.4	76.0-126			2.83	20
Trichlorofluoromethane	5.00	5.67	5.89	113	118	61.0-142	U	U	3.81	20
1,2,3-Trichloropropane	5.00	4.39	4.35	87.8	87.0	67.0-129			0.915	20
1,2,4-Trimethylbenzene	5.00	4.94	4.62	98.8	92.4	70.0-126			6.69	20
1,2,3-Trimethylbenzene	5.00	4.69	4.43	93.8	88.6	74.0-124			5.70	20
1,3,5-Trimethylbenzene	5.00	5.03	4.70	101	94.0	73.0-127			6.78	20
Vinyl acetate	25.0	24.6	22.3	98.4	89.2	43.0-159			9.81	20
Vinyl chloride	5.00	4.62	4.85	92.4	97.0	63.0-134			4.86	20
Xylenes, Total	15.0	15.5	14.6	103	97.3	72.0-127			5.98	20
(S) Toluene-d8				103	97.3	75.0-131				
(S) 4-Bromofluorobenzene				103	100	67.0-138				
(S) 1,2-Dichloroethane-d4				91.7	92.6	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

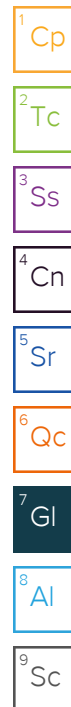
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
J	The identification of the analyte is acceptable; the reported value is an estimate.



ACCREDITATIONS & LOCATIONS

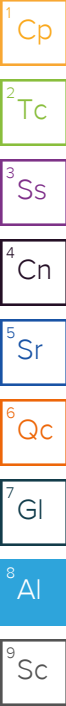
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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	LA000356
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		

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

* 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 Analytical.



Company Name/Address: PES Environmental, Inc.- WA 2101 Fourth Ave., Suite 1310 Seattle, WA 98121						Billing Information: Attn: Accounts Payable 2101 4th Avenue, Suite 1310 Seattle, WA 98121 Email To: <i>sam.gruber@nv5.com</i> <i>jessica.babb@nv5.com; natalie.wisdom@nv5.co</i>						Pres Chk						Analysis / Container / Preservative												Chain of Custody Page <u>1</u> of <u>1</u>							
Report to: Daniel Balbiani (ALP Q2)						Project Description: American Linen Q2 2024						City/State Collected: <i>Seattle, WA</i>						Please Circle: PT MT CT ET						FEG, MNG 6020 250mlHDPE-HNO3 RSK 175LL 40mlAmb-HCl SULFATE 9056 125mlHDPE-NoPres TOC 9060 250mlAmb-HCl V8260ULL 40mlAmb-HCl												 PEOPLE ADVANCING SCIENCE	
Phone: 206-529-3980						Client Project # 443022-1413001.10.701.02						Lab Project # PESENVSWA-ALP						MT JULIET, TN 12065 Lebanon Rd Mount Juliet, TN 37122 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																			
Collected by (print): <i>Devlin Del Grudice</i>						Site/Facility ID #						P.O. #						SDG # <i>1742908</i> A205																			
Collected by (signature): <i>[Signature]</i>						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						Acctnum: PESENVSWA Template: T252149 Prelogin: P1073078 PM: 546 - Jared Starkey PB:																			
Immediately Packed on Ice N ___ Y ___						No. of Cntrs						Shipped Via:																									
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs													Remarks	Sample # (lab only)																
<i>MW-990-053124</i>		<i>G</i>	<i>GW</i>	<i>-</i>	<i>5/31/24</i>	<i>1111</i>	<i>3</i>														<i>-01</i>																
<i>MW-153-053124</i>		<i> </i>	<i>GW</i>	<i>+</i>	<i> </i>	<i>1140</i>	<i>3</i>														<i>-02</i>																
<i>MW-987-053124</i>		<i> </i>	<i>GW</i>	<i>-</i>	<i> </i>	<i>1234</i>	<i>8</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>-03</i>																		
<i>MW-146-053124</i>		<i> </i>	<i>GW</i>	<i>-</i>	<i> </i>	<i>1327</i>	<i>8</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>-04</i>																			
<i>MW-146-053124</i>		<i> </i>	<i>GW</i>	<i>-</i>	<i> </i>	<i>1327</i>	<i>8</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>																					
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			<i>GW</i>																																		

* Matrix:

SS - Soil AIR - Air F - Filter

GW - Groundwater B - Bioassay

WW - WasteWater

DW - Drinking Water

OT - Other _____

Remarks:

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier

Tracking # *7411 4519 3410*

Relinquished by: (Signature) <i>[Signature]</i>		Date: <i>5/31/24</i>	Time: <i>1435</i>	Received by: (Signature) _____		Trip Blank Received: Yes ☒ No ☐		Sample Receipt Checklist COC Seal Present/Intact: ☒ NP ☐ 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)		Temp: °C <i>4.17</i> Bottles Received: <i>1:4.2</i>				If preservation required by Login: Date/Time	
Relinquished by: (Signature)</											

06/01-NCF-L1742408-PESENVSWA PM

Need to print

Time estimate: oh

Time spent: oh

Members



Paul Minnich (responsible)

- ☐ Parameter(s) past holding time
- ☐ Temperature not in range
- ☐ Improper container type
- ☐ pH not in range
- ☐ Insufficient sample volume
- ☐ Sample is biphasic
- ☐ Vials received with headspace
- ☒ Broken container
- ☒ Sufficient sample remains
- ☐ If broken container: Insufficient packing material around container
- ☐ If broken container: Insufficient packing material inside cooler
- ☐ If broken container: Improper handling by carrier: _____
- ☐ If broken container: Sample was frozen
- ☐ If broken container: Container lid not intact
- ☐ Client informed by Call
- ☐ Client informed by Email
- ☐ Client informed by Voicemail
- ☐ Date/Time: _____
- ☐ PM initials: _____
- ☐ Client Contact: _____

Comments

Paul Minnich

2 June 2024 1:06 AM

One V826oULL vial from sample MW-987 received broken