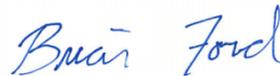


Oregon Dept. of Env. Quality - ODEQ

Sample Delivery Group: L1717060
Samples Received: 03/20/2024
Project Number: QCAT # 29490
Description: Allen Street Groundwater

Report To: Sarah KINGERY
165 E 7th Ave.
Suite 100
Eugene, OR 97401

Entire Report Reviewed By:



Brian Ford
Project Manager

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

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

1440 ALLEN PRE L1717060-01 GW

Collected by Rachel Long
 Collected date/time 03/19/24 10:16
 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 04:58	03/26/24 04:58	JCP	Mt. Juliet, TN

1 Cp

2 Tc

1460 ALLEN SUMP L1717060-02 GW

Collected by Rachel Long
 Collected date/time 03/19/24 11:27
 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 05:20	03/26/24 05:20	JCP	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

1460 ALLEN MID L1717060-03 GW

Collected by Rachel Long
 Collected date/time 03/19/24 11:40
 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 05:41	03/26/24 05:41	JCP	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

1460 ALLEN PRE L1717060-04 GW

Collected by Rachel Long
 Collected date/time 03/19/24 11:48
 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 06:03	03/26/24 06:03	JCP	Mt. Juliet, TN

9 Sc

1480 ALLEN MID L1717060-05 GW

Collected by Rachel Long
 Collected date/time 03/19/24 11:06
 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 06:24	03/26/24 06:24	JCP	Mt. Juliet, TN

1480 ALLEN PRE L1717060-06 GW

Collected by Rachel Long
 Collected date/time 03/19/24 11:10
 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 06:46	03/26/24 06:46	JCP	Mt. Juliet, TN

1520 ALLEN MID L1717060-07 GW

Collected by Rachel Long
 Collected date/time 03/19/24 12:05
 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 07:07	03/26/24 07:07	JCP	Mt. Juliet, TN

1520 ALLEN PRE L1717060-08 GW

Collected by Rachel Long
 Collected date/time 03/19/24 12:08
 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 07:29	03/26/24 07:29	JCP	Mt. Juliet, TN

SAMPLE SUMMARY

1540 ALLEN MID L1717060-09 GW

Collected by Rachel Long Collected date/time 03/19/24 11:45 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 07:50	03/26/24 07:50	JCP	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

1540 ALLEN PRE L1717060-10 GW

Collected by Rachel Long Collected date/time 03/19/24 11:50 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 08:12	03/26/24 08:12	JCP	Mt. Juliet, TN

4 Cn

5 Sr

1460 ALLEN PRE DUP L1717060-11 GW

Collected by Rachel Long Collected date/time 03/19/24 11:48 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 08:33	03/26/24 08:33	JCP	Mt. Juliet, TN

6 Qc

7 Gl

TRIP BLANK L1717060-12 GW

Collected by Rachel Long Collected date/time 03/19/24 00:00 Received date/time 03/20/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2253786	1	03/26/24 04:37	03/26/24 04:37	JCP	Mt. Juliet, TN

8 Al

9 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.



Brian Ford
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	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 04:58	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 04:58	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 04:58	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 04:58	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 04:58	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 04:58	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 04:58	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 04:58	WG2253786
n-Butylbenzene	0.373	J	0.157	1.00	1	03/26/2024 04:58	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 04:58	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 04:58	WG2253786
Carbon disulfide	0.125	J	0.0962	1.00	1	03/26/2024 04:58	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 04:58	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 04:58	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 04:58	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 04:58	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 04:58	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 04:58	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 04:58	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 04:58	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 04:58	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 04:58	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 04:58	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 04:58	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 04:58	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 04:58	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 04:58	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 04:58	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 04:58	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 04:58	WG2253786
cis-1,2-Dichloroethene	12.7		0.126	1.00	1	03/26/2024 04:58	WG2253786
trans-1,2-Dichloroethene	7.48		0.149	1.00	1	03/26/2024 04:58	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 04:58	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 04:58	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 04:58	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 04:58	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 04:58	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 04:58	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 04:58	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 04:58	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 04:58	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 04:58	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 04:58	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 04:58	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 04:58	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 04:58	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 04:58	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 04:58	WG2253786
n-Propylbenzene	0.113	J	0.0993	1.00	1	03/26/2024 04:58	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 04:58	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 04:58	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 04:58	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 04:58	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 04:58	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 04:58	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 04:58	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 04:58	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 04:58	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 04:58	WG2253786
Trichloroethene	10.2		0.190	1.00	1	03/26/2024 04:58	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 04:58	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 04:58	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 04:58	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 04:58	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 04:58	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 04:58	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 04:58	WG2253786
(S) Toluene-d8	108			80.0-120		03/26/2024 04:58	WG2253786
(S) 4-Bromofluorobenzene	102			77.0-126		03/26/2024 04:58	WG2253786
(S) 1,2-Dichloroethane-d4	96.0			70.0-130		03/26/2024 04:58	WG2253786

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 05:20	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 05:20	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 05:20	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 05:20	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 05:20	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 05:20	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 05:20	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 05:20	WG2253786
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 05:20	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 05:20	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 05:20	WG2253786
Carbon disulfide	0.121	J	0.0962	1.00	1	03/26/2024 05:20	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 05:20	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 05:20	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 05:20	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 05:20	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 05:20	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 05:20	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 05:20	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 05:20	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 05:20	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 05:20	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 05:20	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 05:20	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 05:20	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 05:20	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 05:20	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 05:20	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 05:20	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 05:20	WG2253786
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/26/2024 05:20	WG2253786
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/26/2024 05:20	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 05:20	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 05:20	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 05:20	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 05:20	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 05:20	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 05:20	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 05:20	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 05:20	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 05:20	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 05:20	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 05:20	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 05:20	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 05:20	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 05:20	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 05:20	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 05:20	WG2253786
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 05:20	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 05:20	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 05:20	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 05:20	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 05:20	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 05:20	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 05:20	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 05:20	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 05:20	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 05:20	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 05:20	WG2253786
Trichloroethene	U		0.190	1.00	1	03/26/2024 05:20	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 05:20	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 05:20	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 05:20	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 05:20	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 05:20	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 05:20	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 05:20	WG2253786
(S) Toluene-d8	106			80.0-120		03/26/2024 05:20	WG2253786
(S) 4-Bromofluorobenzene	101			77.0-126		03/26/2024 05:20	WG2253786
(S) 1,2-Dichloroethane-d4	102			70.0-130		03/26/2024 05:20	WG2253786

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 05:41	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 05:41	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 05:41	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 05:41	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 05:41	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 05:41	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 05:41	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 05:41	WG2253786
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 05:41	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 05:41	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 05:41	WG2253786
Carbon disulfide	0.131	J	0.0962	1.00	1	03/26/2024 05:41	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 05:41	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 05:41	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 05:41	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 05:41	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 05:41	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 05:41	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 05:41	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 05:41	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 05:41	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 05:41	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 05:41	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 05:41	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 05:41	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 05:41	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 05:41	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 05:41	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 05:41	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 05:41	WG2253786
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/26/2024 05:41	WG2253786
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/26/2024 05:41	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 05:41	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 05:41	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 05:41	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 05:41	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 05:41	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 05:41	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 05:41	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 05:41	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 05:41	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 05:41	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 05:41	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 05:41	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 05:41	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 05:41	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 05:41	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 05:41	WG2253786
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 05:41	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 05:41	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 05:41	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 05:41	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 05:41	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 05:41	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 05:41	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 05:41	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 05:41	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 05:41	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 05:41	WG2253786
Trichloroethene	U		0.190	1.00	1	03/26/2024 05:41	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 05:41	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 05:41	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 05:41	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 05:41	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 05:41	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 05:41	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 05:41	WG2253786
(S) Toluene-d8	106			80.0-120		03/26/2024 05:41	WG2253786
(S) 4-Bromofluorobenzene	99.4			77.0-126		03/26/2024 05:41	WG2253786
(S) 1,2-Dichloroethane-d4	104			70.0-130		03/26/2024 05:41	WG2253786

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 06:03	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 06:03	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 06:03	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 06:03	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 06:03	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 06:03	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 06:03	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 06:03	WG2253786
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 06:03	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 06:03	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 06:03	WG2253786
Carbon disulfide	0.125	J	0.0962	1.00	1	03/26/2024 06:03	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 06:03	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 06:03	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 06:03	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 06:03	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 06:03	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 06:03	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 06:03	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 06:03	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 06:03	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 06:03	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 06:03	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 06:03	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 06:03	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 06:03	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 06:03	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 06:03	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 06:03	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 06:03	WG2253786
cis-1,2-Dichloroethene	5.05		0.126	1.00	1	03/26/2024 06:03	WG2253786
trans-1,2-Dichloroethene	5.43		0.149	1.00	1	03/26/2024 06:03	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 06:03	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 06:03	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 06:03	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 06:03	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 06:03	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 06:03	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 06:03	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 06:03	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 06:03	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 06:03	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 06:03	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 06:03	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 06:03	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 06:03	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 06:03	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 06:03	WG2253786
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 06:03	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 06:03	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 06:03	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 06:03	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 06:03	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 06:03	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 06:03	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 06:03	WG2253786

- 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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 06:03	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 06:03	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 06:03	WG2253786
Trichloroethene	12.4		0.190	1.00	1	03/26/2024 06:03	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 06:03	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 06:03	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 06:03	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 06:03	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 06:03	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 06:03	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 06:03	WG2253786
(S) Toluene-d8	105			80.0-120		03/26/2024 06:03	WG2253786
(S) 4-Bromofluorobenzene	99.9			77.0-126		03/26/2024 06:03	WG2253786
(S) 1,2-Dichloroethane-d4	103			70.0-130		03/26/2024 06:03	WG2253786

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 06:24	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 06:24	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 06:24	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 06:24	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 06:24	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 06:24	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 06:24	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 06:24	WG2253786
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 06:24	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 06:24	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 06:24	WG2253786
Carbon disulfide	0.129	J	0.0962	1.00	1	03/26/2024 06:24	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 06:24	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 06:24	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 06:24	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 06:24	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 06:24	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 06:24	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 06:24	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 06:24	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 06:24	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 06:24	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 06:24	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 06:24	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 06:24	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 06:24	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 06:24	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 06:24	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 06:24	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 06:24	WG2253786
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/26/2024 06:24	WG2253786
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/26/2024 06:24	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 06:24	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 06:24	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 06:24	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 06:24	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 06:24	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 06:24	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 06:24	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 06:24	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 06:24	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 06:24	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 06:24	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 06:24	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 06:24	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 06:24	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 06:24	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 06:24	WG2253786
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 06:24	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 06:24	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 06:24	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 06:24	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 06:24	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 06:24	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 06:24	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 06:24	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 06:24	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 06:24	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 06:24	WG2253786
Trichloroethene	U		0.190	1.00	1	03/26/2024 06:24	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 06:24	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 06:24	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 06:24	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 06:24	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 06:24	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 06:24	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 06:24	WG2253786
(S) Toluene-d8	107			80.0-120		03/26/2024 06:24	WG2253786
(S) 4-Bromofluorobenzene	99.4			77.0-126		03/26/2024 06:24	WG2253786
(S) 1,2-Dichloroethane-d4	99.1			70.0-130		03/26/2024 06:24	WG2253786

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 06:46	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 06:46	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 06:46	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 06:46	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 06:46	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 06:46	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 06:46	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 06:46	WG2253786
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 06:46	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 06:46	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 06:46	WG2253786
Carbon disulfide	0.113	J	0.0962	1.00	1	03/26/2024 06:46	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 06:46	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 06:46	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 06:46	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 06:46	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 06:46	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 06:46	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 06:46	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 06:46	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 06:46	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 06:46	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 06:46	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 06:46	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 06:46	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 06:46	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 06:46	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 06:46	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 06:46	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 06:46	WG2253786
cis-1,2-Dichloroethene	2.25		0.126	1.00	1	03/26/2024 06:46	WG2253786
trans-1,2-Dichloroethene	1.73		0.149	1.00	1	03/26/2024 06:46	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 06:46	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 06:46	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 06:46	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 06:46	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 06:46	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 06:46	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 06:46	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 06:46	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 06:46	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 06:46	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 06:46	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 06:46	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 06:46	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 06:46	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 06:46	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 06:46	WG2253786
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 06:46	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 06:46	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 06:46	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 06:46	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 06:46	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 06:46	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 06:46	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 06:46	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 06:46	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 06:46	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 06:46	WG2253786
Trichloroethene	4.60		0.190	1.00	1	03/26/2024 06:46	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 06:46	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 06:46	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 06:46	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 06:46	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 06:46	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 06:46	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 06:46	WG2253786
(S) Toluene-d8	106			80.0-120		03/26/2024 06:46	WG2253786
(S) 4-Bromofluorobenzene	99.5			77.0-126		03/26/2024 06:46	WG2253786
(S) 1,2-Dichloroethane-d4	102			70.0-130		03/26/2024 06:46	WG2253786

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 07:07	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 07:07	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 07:07	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 07:07	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 07:07	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 07:07	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 07:07	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 07:07	WG2253786
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 07:07	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 07:07	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 07:07	WG2253786
Carbon disulfide	0.110	J	0.0962	1.00	1	03/26/2024 07:07	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 07:07	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 07:07	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 07:07	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 07:07	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 07:07	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 07:07	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 07:07	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 07:07	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 07:07	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 07:07	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 07:07	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 07:07	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 07:07	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 07:07	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 07:07	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 07:07	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 07:07	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 07:07	WG2253786
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/26/2024 07:07	WG2253786
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/26/2024 07:07	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 07:07	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 07:07	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 07:07	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 07:07	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 07:07	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 07:07	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 07:07	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 07:07	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 07:07	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 07:07	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 07:07	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 07:07	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 07:07	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 07:07	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 07:07	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 07:07	WG2253786
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 07:07	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 07:07	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 07:07	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 07:07	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 07:07	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 07:07	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 07:07	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 07:07	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 07:07	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 07:07	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 07:07	WG2253786
Trichloroethene	U		0.190	1.00	1	03/26/2024 07:07	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 07:07	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 07:07	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 07:07	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 07:07	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 07:07	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 07:07	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 07:07	WG2253786
(S) Toluene-d8	110			80.0-120		03/26/2024 07:07	WG2253786
(S) 4-Bromofluorobenzene	104			77.0-126		03/26/2024 07:07	WG2253786
(S) 1,2-Dichloroethane-d4	100			70.0-130		03/26/2024 07:07	WG2253786

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 07:29	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 07:29	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 07:29	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 07:29	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 07:29	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 07:29	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 07:29	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 07:29	WG2253786
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 07:29	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 07:29	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 07:29	WG2253786
Carbon disulfide	0.105	J	0.0962	1.00	1	03/26/2024 07:29	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 07:29	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 07:29	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 07:29	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 07:29	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 07:29	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 07:29	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 07:29	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 07:29	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 07:29	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 07:29	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 07:29	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 07:29	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 07:29	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 07:29	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 07:29	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 07:29	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 07:29	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 07:29	WG2253786
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/26/2024 07:29	WG2253786
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/26/2024 07:29	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 07:29	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 07:29	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 07:29	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 07:29	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 07:29	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 07:29	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 07:29	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 07:29	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 07:29	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 07:29	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 07:29	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 07:29	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 07:29	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 07:29	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 07:29	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 07:29	WG2253786
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 07:29	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 07:29	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 07:29	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 07:29	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 07:29	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 07:29	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 07:29	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 07:29	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 07:29	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 07:29	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 07:29	WG2253786
Trichloroethene	U		0.190	1.00	1	03/26/2024 07:29	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 07:29	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 07:29	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 07:29	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 07:29	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 07:29	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 07:29	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 07:29	WG2253786
(S) Toluene-d8	109			80.0-120		03/26/2024 07:29	WG2253786
(S) 4-Bromofluorobenzene	100			77.0-126		03/26/2024 07:29	WG2253786
(S) 1,2-Dichloroethane-d4	102			70.0-130		03/26/2024 07:29	WG2253786

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 07:50	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 07:50	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 07:50	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 07:50	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 07:50	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 07:50	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 07:50	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 07:50	WG2253786
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 07:50	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 07:50	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 07:50	WG2253786
Carbon disulfide	0.113	J	0.0962	1.00	1	03/26/2024 07:50	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 07:50	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 07:50	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 07:50	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 07:50	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 07:50	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 07:50	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 07:50	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 07:50	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 07:50	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 07:50	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 07:50	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 07:50	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 07:50	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 07:50	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 07:50	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 07:50	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 07:50	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 07:50	WG2253786
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/26/2024 07:50	WG2253786
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/26/2024 07:50	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 07:50	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 07:50	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 07:50	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 07:50	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 07:50	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 07:50	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 07:50	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 07:50	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 07:50	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 07:50	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 07:50	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 07:50	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 07:50	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 07:50	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 07:50	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 07:50	WG2253786
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 07:50	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 07:50	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 07:50	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 07:50	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 07:50	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 07:50	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 07:50	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 07:50	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 07:50	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 07:50	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 07:50	WG2253786
Trichloroethene	U		0.190	1.00	1	03/26/2024 07:50	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 07:50	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 07:50	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 07:50	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 07:50	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 07:50	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 07:50	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 07:50	WG2253786
(S) Toluene-d8	108			80.0-120		03/26/2024 07:50	WG2253786
(S) 4-Bromofluorobenzene	99.8			77.0-126		03/26/2024 07:50	WG2253786
(S) 1,2-Dichloroethane-d4	102			70.0-130		03/26/2024 07:50	WG2253786

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 08:12	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 08:12	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 08:12	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 08:12	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 08:12	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 08:12	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 08:12	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 08:12	WG2253786
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 08:12	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 08:12	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 08:12	WG2253786
Carbon disulfide	0.107	J	0.0962	1.00	1	03/26/2024 08:12	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 08:12	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 08:12	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 08:12	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 08:12	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 08:12	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 08:12	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 08:12	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 08:12	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 08:12	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 08:12	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 08:12	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 08:12	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 08:12	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 08:12	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 08:12	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 08:12	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 08:12	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 08:12	WG2253786
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/26/2024 08:12	WG2253786
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/26/2024 08:12	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 08:12	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 08:12	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 08:12	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 08:12	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 08:12	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 08:12	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 08:12	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 08:12	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 08:12	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 08:12	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 08:12	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 08:12	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 08:12	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 08:12	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 08:12	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 08:12	WG2253786
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 08:12	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 08:12	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 08:12	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 08:12	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 08:12	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 08:12	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 08:12	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 08:12	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 08:12	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 08:12	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 08:12	WG2253786
Trichloroethene	U		0.190	1.00	1	03/26/2024 08:12	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 08:12	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 08:12	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 08:12	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 08:12	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 08:12	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 08:12	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 08:12	WG2253786
(S) Toluene-d8	107			80.0-120		03/26/2024 08:12	WG2253786
(S) 4-Bromofluorobenzene	98.5			77.0-126		03/26/2024 08:12	WG2253786
(S) 1,2-Dichloroethane-d4	98.9			70.0-130		03/26/2024 08:12	WG2253786

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

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 08:33	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 08:33	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 08:33	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 08:33	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 08:33	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 08:33	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 08:33	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 08:33	WG2253786
n-Butylbenzene	U		0.157	1.00	1	03/26/2024 08:33	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 08:33	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 08:33	WG2253786
Carbon disulfide	0.107	J	0.0962	1.00	1	03/26/2024 08:33	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 08:33	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 08:33	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 08:33	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 08:33	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 08:33	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 08:33	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 08:33	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 08:33	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 08:33	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 08:33	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 08:33	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 08:33	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 08:33	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 08:33	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 08:33	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 08:33	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 08:33	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 08:33	WG2253786
cis-1,2-Dichloroethene	5.09		0.126	1.00	1	03/26/2024 08:33	WG2253786
trans-1,2-Dichloroethene	5.42		0.149	1.00	1	03/26/2024 08:33	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 08:33	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 08:33	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 08:33	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 08:33	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 08:33	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 08:33	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 08:33	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 08:33	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 08:33	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 08:33	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 08:33	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 08:33	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 08:33	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 08:33	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 08:33	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 08:33	WG2253786
n-Propylbenzene	U		0.0993	1.00	1	03/26/2024 08:33	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 08:33	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 08:33	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 08:33	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 08:33	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 08:33	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 08:33	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 08:33	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 08:33	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 08:33	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 08:33	WG2253786
Trichloroethene	12.5		0.190	1.00	1	03/26/2024 08:33	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 08:33	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 08:33	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 08:33	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 08:33	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 08:33	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 08:33	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 08:33	WG2253786
(S) Toluene-d8	108			80.0-120		03/26/2024 08:33	WG2253786
(S) 4-Bromofluorobenzene	99.7			77.0-126		03/26/2024 08:33	WG2253786
(S) 1,2-Dichloroethane-d4	101			70.0-130		03/26/2024 08:33	WG2253786

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		11.3	50.0	1	03/26/2024 04:37	WG2253786
Acrolein	U	C3	2.54	50.0	1	03/26/2024 04:37	WG2253786
Acrylonitrile	U		0.671	10.0	1	03/26/2024 04:37	WG2253786
Benzene	U		0.0941	1.00	1	03/26/2024 04:37	WG2253786
Bromobenzene	U		0.118	1.00	1	03/26/2024 04:37	WG2253786
Bromodichloromethane	U		0.136	1.00	1	03/26/2024 04:37	WG2253786
Bromoform	U		0.129	1.00	1	03/26/2024 04:37	WG2253786
Bromomethane	U	C3	0.605	5.00	1	03/26/2024 04:37	WG2253786
n-Butylbenzene	0.556	J	0.157	1.00	1	03/26/2024 04:37	WG2253786
sec-Butylbenzene	U		0.125	1.00	1	03/26/2024 04:37	WG2253786
tert-Butylbenzene	U		0.127	1.00	1	03/26/2024 04:37	WG2253786
Carbon disulfide	0.127	J	0.0962	1.00	1	03/26/2024 04:37	WG2253786
Carbon tetrachloride	U		0.128	1.00	1	03/26/2024 04:37	WG2253786
Chlorobenzene	U		0.116	1.00	1	03/26/2024 04:37	WG2253786
Chlorodibromomethane	U		0.140	1.00	1	03/26/2024 04:37	WG2253786
Chloroethane	U		0.192	5.00	1	03/26/2024 04:37	WG2253786
Chloroform	U		0.111	5.00	1	03/26/2024 04:37	WG2253786
Chloromethane	U		0.960	2.50	1	03/26/2024 04:37	WG2253786
2-Chlorotoluene	U		0.106	1.00	1	03/26/2024 04:37	WG2253786
4-Chlorotoluene	U		0.114	1.00	1	03/26/2024 04:37	WG2253786
1,2-Dibromo-3-Chloropropane	U		0.276	5.00	1	03/26/2024 04:37	WG2253786
1,2-Dibromoethane	U		0.126	1.00	1	03/26/2024 04:37	WG2253786
Dibromomethane	U		0.122	1.00	1	03/26/2024 04:37	WG2253786
1,2-Dichlorobenzene	U		0.107	1.00	1	03/26/2024 04:37	WG2253786
1,3-Dichlorobenzene	U		0.110	1.00	1	03/26/2024 04:37	WG2253786
1,4-Dichlorobenzene	U		0.120	1.00	1	03/26/2024 04:37	WG2253786
Dichlorodifluoromethane	U		0.374	5.00	1	03/26/2024 04:37	WG2253786
1,1-Dichloroethane	U		0.100	1.00	1	03/26/2024 04:37	WG2253786
1,2-Dichloroethane	U		0.0819	1.00	1	03/26/2024 04:37	WG2253786
1,1-Dichloroethene	U		0.188	1.00	1	03/26/2024 04:37	WG2253786
cis-1,2-Dichloroethene	U		0.126	1.00	1	03/26/2024 04:37	WG2253786
trans-1,2-Dichloroethene	U		0.149	1.00	1	03/26/2024 04:37	WG2253786
1,2-Dichloropropane	U		0.149	1.00	1	03/26/2024 04:37	WG2253786
1,1-Dichloropropene	U		0.142	1.00	1	03/26/2024 04:37	WG2253786
1,3-Dichloropropane	U		0.110	1.00	1	03/26/2024 04:37	WG2253786
cis-1,3-Dichloropropene	U		0.111	1.00	1	03/26/2024 04:37	WG2253786
trans-1,3-Dichloropropene	U		0.118	1.00	1	03/26/2024 04:37	WG2253786
2,2-Dichloropropane	U		0.161	1.00	1	03/26/2024 04:37	WG2253786
Di-isopropyl ether	U		0.105	1.00	1	03/26/2024 04:37	WG2253786
Ethylbenzene	U		0.137	1.00	1	03/26/2024 04:37	WG2253786
Hexachloro-1,3-butadiene	U		0.337	1.00	1	03/26/2024 04:37	WG2253786
Isopropylbenzene	U		0.105	1.00	1	03/26/2024 04:37	WG2253786
p-Isopropyltoluene	U		0.120	1.00	1	03/26/2024 04:37	WG2253786
2-Butanone (MEK)	U		1.19	10.0	1	03/26/2024 04:37	WG2253786
Methylene Chloride	U		0.430	5.00	1	03/26/2024 04:37	WG2253786
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0	1	03/26/2024 04:37	WG2253786
Methyl tert-butyl ether	U		0.101	1.00	1	03/26/2024 04:37	WG2253786
Naphthalene	U	C3	1.00	5.00	1	03/26/2024 04:37	WG2253786
n-Propylbenzene	0.204	J	0.0993	1.00	1	03/26/2024 04:37	WG2253786
Styrene	U		0.118	1.00	1	03/26/2024 04:37	WG2253786
1,1,1,2-Tetrachloroethane	U		0.147	1.00	1	03/26/2024 04:37	WG2253786
1,1,2,2-Tetrachloroethane	U		0.133	1.00	1	03/26/2024 04:37	WG2253786
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00	1	03/26/2024 04:37	WG2253786
Tetrachloroethene	U		0.300	1.00	1	03/26/2024 04:37	WG2253786
Toluene	U		0.278	1.00	1	03/26/2024 04:37	WG2253786
1,2,3-Trichlorobenzene	U		0.230	1.00	1	03/26/2024 04:37	WG2253786

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	03/26/2024 04:37	WG2253786
1,1,1-Trichloroethane	U		0.149	1.00	1	03/26/2024 04:37	WG2253786
1,1,2-Trichloroethane	U		0.158	1.00	1	03/26/2024 04:37	WG2253786
Trichloroethene	U		0.190	1.00	1	03/26/2024 04:37	WG2253786
Trichlorofluoromethane	U		0.160	5.00	1	03/26/2024 04:37	WG2253786
1,2,3-Trichloropropane	U		0.237	2.50	1	03/26/2024 04:37	WG2253786
1,2,4-Trimethylbenzene	U		0.322	1.00	1	03/26/2024 04:37	WG2253786
1,2,3-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 04:37	WG2253786
1,3,5-Trimethylbenzene	U		0.104	1.00	1	03/26/2024 04:37	WG2253786
Vinyl chloride	U		0.234	1.00	1	03/26/2024 04:37	WG2253786
Xylenes, Total	U		0.174	3.00	1	03/26/2024 04:37	WG2253786
(S) Toluene-d8	107			80.0-120		03/26/2024 04:37	WG2253786
(S) 4-Bromofluorobenzene	102			77.0-126		03/26/2024 04:37	WG2253786
(S) 1,2-Dichloroethane-d4	98.4			70.0-130		03/26/2024 04:37	WG2253786

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

Method Blank (MB)

(MB) R4049890-3 03/26/24 00:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	50.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	10.0
Benzene	U		0.0941	1.00
Bromobenzene	U		0.118	1.00
Bromodichloromethane	U		0.136	1.00
Bromoform	U		0.129	1.00
Bromomethane	U		0.605	5.00
n-Butylbenzene	U		0.157	1.00
sec-Butylbenzene	U		0.125	1.00
tert-Butylbenzene	U		0.127	1.00
Carbon disulfide	U		0.0962	1.00
Carbon tetrachloride	U		0.128	1.00
Chlorobenzene	U		0.116	1.00
Chlorodibromomethane	U		0.140	1.00
Chloroethane	U		0.192	5.00
Chloroform	U		0.111	5.00
Chloromethane	U		0.960	2.50
2-Chlorotoluene	U		0.106	1.00
4-Chlorotoluene	U		0.114	1.00
1,2-Dibromo-3-Chloropropane	U		0.276	5.00
1,2-Dibromoethane	U		0.126	1.00
Dibromomethane	U		0.122	1.00
1,2-Dichlorobenzene	U		0.107	1.00
1,3-Dichlorobenzene	U		0.110	1.00
1,4-Dichlorobenzene	U		0.120	1.00
Dichlorodifluoromethane	U		0.374	5.00
1,1-Dichloroethane	U		0.100	1.00
1,2-Dichloroethane	U		0.0819	1.00
1,1-Dichloroethene	U		0.188	1.00
cis-1,2-Dichloroethene	U		0.126	1.00
trans-1,2-Dichloroethene	U		0.149	1.00
1,2-Dichloropropane	U		0.149	1.00
1,1-Dichloropropene	U		0.142	1.00
1,3-Dichloropropane	U		0.110	1.00
cis-1,3-Dichloropropene	U		0.111	1.00
trans-1,3-Dichloropropene	U		0.118	1.00
2,2-Dichloropropane	U		0.161	1.00
Di-isopropyl ether	U		0.105	1.00
Ethylbenzene	U		0.137	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4049890-3 03/26/24 00:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.337	1.00
Isopropylbenzene	U		0.105	1.00
p-Isopropyltoluene	U		0.120	1.00
2-Butanone (MEK)	U		1.19	10.0
Methylene Chloride	U		0.430	5.00
4-Methyl-2-pentanone (MIBK)	U		0.478	10.0
Methyl tert-butyl ether	U		0.101	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.0993	1.00
Styrene	U		0.118	1.00
1,1,1,2-Tetrachloroethane	U		0.147	1.00
1,1,2,2-Tetrachloroethane	U		0.133	1.00
1,1,2-Trichlorotrifluoroethane	U		0.180	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	1.00
1,1,2-Trichloroethane	U		0.158	1.00
Trichloroethene	U		0.190	1.00
Trichlorofluoromethane	U		0.160	5.00
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	1.00
1,2,3-Trimethylbenzene	U		0.104	1.00
1,3,5-Trimethylbenzene	U		0.104	1.00
Vinyl chloride	U		0.234	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	103			77.0-126
(S) 1,2-Dichloroethane-d4	107			70.0-130

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) R4049890-1 03/25/24 23:21 • (LCSD) R4049890-2 03/25/24 23:43

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	25.4	26.4	102	106	19.0-160			3.86	27
Acrolein	25.0	16.4	17.1	65.6	68.4	10.0-160			4.18	26
Acrylonitrile	25.0	28.4	28.9	114	116	55.0-149			1.75	20

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

(LCS) R4049890-1 03/25/24 23:21 • (LCSD) R4049890-2 03/25/24 23:43

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 %
Benzene	5.00	5.01	4.96	100	99.2	70.0-123			1.00	20
Bromobenzene	5.00	4.92	5.09	98.4	102	73.0-121			3.40	20
Bromodichloromethane	5.00	5.40	5.15	108	103	75.0-120			4.74	20
Bromoform	5.00	4.54	4.44	90.8	88.8	68.0-132			2.23	20
Bromomethane	5.00	1.97	1.81	39.4	36.2	10.0-160			8.47	25
n-Butylbenzene	5.00	4.12	4.35	82.4	87.0	73.0-125			5.43	20
sec-Butylbenzene	5.00	5.01	5.12	100	102	75.0-125			2.17	20
tert-Butylbenzene	5.00	4.87	4.96	97.4	99.2	76.0-124			1.83	20
Carbon disulfide	5.00	4.78	4.66	95.6	93.2	61.0-128			2.54	20
Carbon tetrachloride	5.00	5.05	4.95	101	99.0	68.0-126			2.00	20
Chlorobenzene	5.00	4.97	5.02	99.4	100	80.0-121			1.00	20
Chlorodibromomethane	5.00	4.64	4.92	92.8	98.4	77.0-125			5.86	20
Chloroethane	5.00	5.15	5.17	103	103	47.0-150			0.388	20
Chloroform	5.00	5.43	5.22	109	104	73.0-120			3.94	20
Chloromethane	5.00	4.25	4.12	85.0	82.4	41.0-142			3.11	20
2-Chlorotoluene	5.00	5.06	4.94	101	98.8	76.0-123			2.40	20
4-Chlorotoluene	5.00	4.70	4.79	94.0	95.8	75.0-122			1.90	20
1,2-Dibromo-3-Chloropropane	5.00	4.31	4.40	86.2	88.0	58.0-134			2.07	20
1,2-Dibromoethane	5.00	4.66	4.74	93.2	94.8	80.0-122			1.70	20
Dibromomethane	5.00	5.23	4.92	105	98.4	80.0-120			6.11	20
1,2-Dichlorobenzene	5.00	4.73	5.09	94.6	102	79.0-121			7.33	20
1,3-Dichlorobenzene	5.00	4.80	4.79	96.0	95.8	79.0-120			0.209	20
1,4-Dichlorobenzene	5.00	4.92	5.15	98.4	103	79.0-120			4.57	20
Dichlorodifluoromethane	5.00	4.64	4.58	92.8	91.6	51.0-149			1.30	20
1,1-Dichloroethane	5.00	5.41	5.31	108	106	70.0-126			1.87	20
1,2-Dichloroethane	5.00	5.28	5.41	106	108	70.0-128			2.43	20
1,1-Dichloroethene	5.00	4.99	5.15	99.8	103	71.0-124			3.16	20
cis-1,2-Dichloroethene	5.00	5.18	4.88	104	97.6	73.0-120			5.96	20
trans-1,2-Dichloroethene	5.00	5.16	5.20	103	104	73.0-120			0.772	20
1,2-Dichloropropane	5.00	5.17	5.11	103	102	77.0-125			1.17	20
1,1-Dichloropropene	5.00	5.07	4.91	101	98.2	74.0-126			3.21	20
1,3-Dichloropropane	5.00	4.62	4.80	92.4	96.0	80.0-120			3.82	20
cis-1,3-Dichloropropene	5.00	4.52	4.51	90.4	90.2	80.0-123			0.221	20
trans-1,3-Dichloropropene	5.00	4.69	4.48	93.8	89.6	78.0-124			4.58	20
2,2-Dichloropropane	5.00	4.82	4.90	96.4	98.0	58.0-130			1.65	20
Di-isopropyl ether	5.00	5.46	5.56	109	111	58.0-138			1.81	20
Ethylbenzene	5.00	4.84	4.80	96.8	96.0	79.0-123			0.830	20
Hexachloro-1,3-butadiene	5.00	4.60	4.94	92.0	98.8	54.0-138			7.13	20
Isopropylbenzene	5.00	4.83	4.74	96.6	94.8	76.0-127			1.88	20
p-Isopropyltoluene	5.00	4.93	5.19	98.6	104	76.0-125			5.14	20

1 Cp

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

(LCS) R4049890-1 03/25/24 23:21 • (LCSD) R4049890-2 03/25/24 23:43

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 %
2-Butanone (MEK)	25.0	30.1	31.1	120	124	44.0-160			3.27	20
Methylene Chloride	5.00	5.07	4.87	101	97.4	67.0-120			4.02	20
4-Methyl-2-pentanone (MIBK)	25.0	27.6	26.7	110	107	68.0-142			3.31	20
Methyl tert-butyl ether	5.00	5.15	5.19	103	104	68.0-125			0.774	20
Naphthalene	5.00	3.37	3.87	67.4	77.4	54.0-135			13.8	20
n-Propylbenzene	5.00	5.01	5.12	100	102	77.0-124			2.17	20
Styrene	5.00	4.47	4.45	89.4	89.0	73.0-130			0.448	20
1,1,1,2-Tetrachloroethane	5.00	5.08	4.98	102	99.6	75.0-125			1.99	20
1,1,2,2-Tetrachloroethane	5.00	4.90	5.20	98.0	104	65.0-130			5.94	20
1,1,2-Trichlorotrifluoroethane	5.00	5.25	5.55	105	111	69.0-132			5.56	20
Tetrachloroethene	5.00	5.10	5.15	102	103	72.0-132			0.976	20
Toluene	5.00	5.04	4.93	101	98.6	79.0-120			2.21	20
1,2,3-Trichlorobenzene	5.00	4.20	4.61	84.0	92.2	50.0-138			9.31	20
1,2,4-Trichlorobenzene	5.00	4.18	4.59	83.6	91.8	57.0-137			9.35	20
1,1,1-Trichloroethane	5.00	5.36	5.49	107	110	73.0-124			2.40	20
1,1,2-Trichloroethane	5.00	5.04	5.19	101	104	80.0-120			2.93	20
Trichloroethene	5.00	5.24	5.04	105	101	78.0-124			3.89	20
Trichlorofluoromethane	5.00	5.60	5.48	112	110	59.0-147			2.17	20
1,2,3-Trichloropropane	5.00	5.27	5.25	105	105	73.0-130			0.380	20
1,2,4-Trimethylbenzene	5.00	4.87	4.91	97.4	98.2	76.0-121			0.818	20
1,2,3-Trimethylbenzene	5.00	5.00	5.04	100	101	77.0-120			0.797	20
1,3,5-Trimethylbenzene	5.00	4.93	4.89	98.6	97.8	76.0-122			0.815	20
Vinyl chloride	5.00	4.80	4.83	96.0	96.6	67.0-131			0.623	20
Xylenes, Total	15.0	14.6	14.7	97.3	98.0	79.0-123			0.683	20
(S) Toluene-d8				106	104	80.0-120				
(S) 4-Bromofluorobenzene				101	100	77.0-126				
(S) 1,2-Dichloroethane-d4				107	105	70.0-130				

1 Cp

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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.
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.

1 Cp

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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.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Agency, Authorized Purchaser or Agent:	Contract Laboratory Name: Pace Analytical	Lab Selection Criteria: <input type="checkbox"/> Proximity (if TAT < 48 hrs) <input type="checkbox"/> Prior work on same project <input checked="" type="checkbox"/> Cost (for anticipated analyses) <input type="checkbox"/> Other labs disqualified or unable to perform requested services <input type="checkbox"/> Emergency work	Turn Around Time: <input checked="" type="checkbox"/> 10 days (std.) <input type="checkbox"/> 5 days <input type="checkbox"/> 72 hours <input type="checkbox"/> 48 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> Other
Send Lab Report To: Sarah Kingery Address: 165 E 7 th Ave, ste 100 Eugene, OR 97401 Tel #: 541-321-3687 E-mail: Sarah.kingery@deq.oregon.gov	Lab Batch #: Invoice To: Address: DEQEXP@deq.state.or.us		

Project Name: Allen Street Groundwater Project #: QCat # 29490 Sampler Name: Rachel Long	Sample Preservative HCL	Requested Analyses
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Sample ID#	Collection Date/Time	Matrix	Number of Containers	8260B						Comments
1440 Allen Pre	3/19 10:10	W	3	X						
1460 Allen Sump	3/19 11:27	W	3	X						
1460 Allen mid	3/19 11:40	W	3	X						
1460 Allen Pre	3/19 11:48	W	3	X						
1480 Allen mid	3/19 11:06	W	3	X						
1480 Allen Pre	3/19 11:10	W	3	X						
1520 Allen mid	3/19 12:05	W	3	X						
1520 Allen Pre	3/19 12:08	W	3	X						
1540 Allen mid	3/19 11:45	W	3	X						
1540 Allen Pre	3/19 11:50	W	3	X						
1460 Allen Pre Dup	3/19 11:48	W	3	X						
Trip Blank	3/19	X	1	X						

Sample Receipt Checklist

COC Seal Present/Intact: Y N If Applicable

COC Signed/Accurate: Y N VOA Zero Headspace: Y N

Bottles arrive intact: Y N Pres. Correct/Check: Y N

Correct bottles used: Y N

Sufficient volume sent: Y N

RA Screen <0.5 mR/hr: Y N

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2.7+0=L3DAA9

ITB

Invo: OREGONDEQ-ALLEN Date: 06Mar24 Shipping: 0.00
 Customer: P1060759 Weight: 10 LBS Special: 0.00
 Phone: (615)758-5858 COD: Handling: 0.00
 SAT Del: N DV: 0.00 Total: 0.00

Svas: PRIORITY OVERNIGHT
 TRK: 7320 9663 8023

Relinquished By: Rachel Long	Agency/Agent: OR-DEQ	Received By:	Agency/Agent:
Signature: <i>[Signature]</i>	Time & Date: 3/19 1:22 pm	Signature:	Time & Date:
Relinquished By:	Agency/Agent:	Received By: Charles Stevenson	Agency/Agent:
Signature:	Time & Date:	Signature:	Time & Date: 3-2024 9:00

THIS PURCHASE IS SUBMITTED PURSUANT TO STATE OF OREGON SOLICITATION #102-1098-07 AND PRICE AGREEMENT # THE PRICE AGREEMENT INCLUDING CONTRACT TERMS AND CONDITIONS AND SPECIAL CONTRACT TERMS AND CONDITIONS (T'S & C'S) CONTAINED IN THE PRICE AGREEMENT ARE HEREBY INCORPORATED BY REFERENCE AND SHALL APPLY TO THIS PURCHASE AND SHALL TAKE PRECEDENCE OVER ALL OTHER CONFLICTING T'S AND C'S, EXPRESS OR IMPLIED.

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