



ANALYTICAL REPORT

April 25, 2024

Revised Report

Cascade Corporation- Fairview, OR

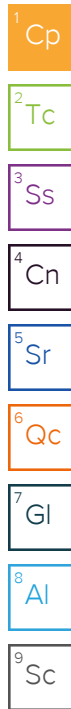
Sample Delivery Group: L1704367
Samples Received: 02/09/2024
Project Number:
Description: Use CASCORFOR-PNG0564!!!!!!!!!!

Report To: Cindy Bartlett
2201 NE 201st Avenue
Fairview, OR 97024-9718

Entire Report Reviewed By:

Kelly Mercer
Project Manager

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



Pace Analytical National

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

SAMPLE SUMMARY

CMW10DS-020824 L1704367-01 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 11:18	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 15:41	02/11/24 15:41	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	250	02/16/24 03:01	02/16/24 03:01	ADM	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

CMW14RDS-020824 L1704367-02 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 08:48	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 16:00	02/11/24 16:00	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	1	02/16/24 03:22	02/16/24 03:22	ADM	Mt. Juliet, TN

⁴ Cn

⁵ Sr

⁶ Qc

CMW17DS-020824 L1704367-03 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 09:10	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 16:18	02/11/24 16:18	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	250	02/16/24 03:43	02/16/24 03:43	ADM	Mt. Juliet, TN

⁷ Gl

⁸ Al

⁹ Sc

CMW17DS-020824-DUP L1704367-04 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 09:11	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 16:37	02/11/24 16:37	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	250	02/16/24 04:04	02/16/24 04:04	ADM	Mt. Juliet, TN

CMW18DS-020824 L1704367-05 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 09:30	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 16:56	02/11/24 16:56	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	250	02/16/24 04:25	02/16/24 04:25	ADM	Mt. Juliet, TN

CMW18DS-020824-DUP L1704367-06 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 09:31	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 17:15	02/11/24 17:15	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	250	02/16/24 04:47	02/16/24 04:47	ADM	Mt. Juliet, TN

CMW19DS-020824 L1704367-07 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 11:00	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 17:34	02/11/24 17:34	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	250	02/16/24 05:08	02/16/24 05:08	ADM	Mt. Juliet, TN

SAMPLE SUMMARY

CMW24DG-020824 L1704367-08 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 10:22	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 17:53	02/11/24 17:53	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	1	02/16/24 05:29	02/16/24 05:29	ADM	Mt. Juliet, TN

CMW25DG-020824 L1704367-09 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 10:00	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 18:11	02/11/24 18:11	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	1	02/16/24 05:51	02/16/24 05:51	ADM	Mt. Juliet, TN

VMWA-020824 L1704367-10 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 12:30	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 18:30	02/11/24 18:30	DYW	Mt. Juliet, TN

VMWB-020824 L1704367-11 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 14:08	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 18:49	02/11/24 18:49	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	5	02/16/24 06:12	02/16/24 06:12	ADM	Mt. Juliet, TN

VMWC-020824 L1704367-12 GW

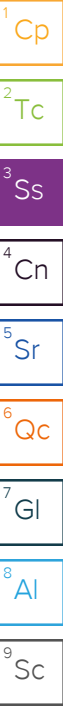
				Collected by	Collected date/time	Received date/time
					02/08/24 12:42	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 19:08	02/11/24 19:08	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	5	02/16/24 06:34	02/16/24 06:34	ADM	Mt. Juliet, TN

VMWD-020824 L1704367-13 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 13:21	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 19:27	02/11/24 19:27	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	1	02/16/24 06:55	02/16/24 06:55	ADM	Mt. Juliet, TN

VMWE-020824 L1704367-14 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 13:10	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 19:46	02/11/24 19:46	DYW	Mt. Juliet, TN



SAMPLE SUMMARY

VMWF-020824 L1704367-15 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 13:30	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 20:05	02/11/24 20:05	DYW	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

VMWG-020824 L1704367-16 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 13:42	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 20:24	02/11/24 20:24	DYW	Mt. Juliet, TN

⁴ Cn

⁵ Sr

VMWH-020824 L1704367-17 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 15:10	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 20:42	02/11/24 20:42	DYW	Mt. Juliet, TN

⁶ Qc

⁷ Gl

VMWI-020824 L1704367-18 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 14:20	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 21:01	02/11/24 21:01	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	5	02/16/24 07:16	02/16/24 07:16	ADM	Mt. Juliet, TN

⁸ Al

⁹ Sc

VMWJ2-020824 L1704367-19 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 14:32	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 21:20	02/11/24 21:20	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	5	02/16/24 07:37	02/16/24 07:37	ADM	Mt. Juliet, TN

VMWK-020824 L1704367-20 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 14:48	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224300	1	02/11/24 21:39	02/11/24 21:39	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227336	5	02/16/24 07:59	02/16/24 07:59	ADM	Mt. Juliet, TN

VMWK-020824-DUP L1704367-21 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 14:49	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224381	1	02/12/24 02:51	02/12/24 02:51	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227110	5	02/15/24 20:06	02/15/24 20:06	JCP	Mt. Juliet, TN

VMWL-020824 L1704367-22 GW

				Collected by	Collected date/time	Received date/time
					02/08/24 15:38	02/09/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224381	1	02/12/24 03:10	02/12/24 03:10	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2227110	5	02/15/24 20:26	02/15/24 20:26	JCP	Mt. Juliet, TN

SAMPLE SUMMARY

VMWM-020824 L1704367-23 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224381	1	02/12/24 03:29	02/12/24 03:29	DYW	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

VMWN-020824 L1704367-24 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2224381	1	02/12/24 03:47	02/12/24 03:47	DYW	Mt. Juliet, TN

Collected by
Collected date/time
Received date/time

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.



Kelly Mercer
Project Manager

Report Revision History

Level II Report - Version 1: 02/20/24 11:46
Level II Report - Version 2: 04/19/24 11:38

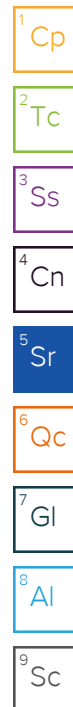
Project Narrative

Report Revised: Sample Id revised for sample CMW10dS-020824 to match the chain of custody.



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	31300		2820	6250	250	02/16/2024 03:01	WG2227336
Acrolein	3.83	J J4	2.54	50.0	1	02/11/2024 15:41	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 15:41	WG2224300
Benzene	0.101	J	0.0941	0.500	1	02/11/2024 15:41	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 15:41	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 15:41	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 15:41	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 15:41	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 15:41	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 15:41	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 15:41	WG2224300
Carbon disulfide	0.146	J	0.0962	0.500	1	02/11/2024 15:41	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 15:41	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 15:41	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 15:41	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 15:41	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 15:41	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 15:41	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 15:41	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 15:41	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 15:41	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 15:41	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 15:41	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 15:41	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 15:41	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 15:41	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 15:41	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 15:41	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 15:41	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 15:41	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 15:41	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 15:41	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 15:41	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 15:41	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 15:41	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 15:41	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 15:41	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 15:41	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 15:41	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 15:41	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 15:41	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 15:41	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 15:41	WG2224300
2-Butanone (MEK)	26600		298	1250	250	02/16/2024 03:01	WG2227336
Methylene Chloride	U		0.430	2.50	1	02/11/2024 15:41	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 15:41	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 15:41	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 15:41	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 15:41	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 15:41	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 15:41	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 15:41	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 15:41	WG2224300
Tetrachloroethene	0.326	J	0.300	0.500	1	02/11/2024 15:41	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 15:41	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 15:41	WG2224300



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	02/11/2024 15:41	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 15:41	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 15:41	WG2224300
Trichloroethene	4.55		0.190	0.500	1	02/11/2024 15:41	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 15:41	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 15:41	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 15:41	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 15:41	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 15:41	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 15:41	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 15:41	WG2224300
(S) Toluene-d8	102			80.0-120		02/11/2024 15:41	WG2224300
(S) Toluene-d8	108			80.0-120		02/16/2024 03:01	WG2227336
(S) 4-Bromofluorobenzene	103			77.0-126		02/11/2024 15:41	WG2224300
(S) 4-Bromofluorobenzene	102			77.0-126		02/16/2024 03:01	WG2227336
(S) 1,2-Dichloroethane-d4	94.3			70.0-130		02/11/2024 15:41	WG2224300
(S) 1,2-Dichloroethane-d4	116			70.0-130		02/16/2024 03:01	WG2227336

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		11.3	25.0	1	02/16/2024 03:22	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 16:00	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 16:00	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 16:00	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 16:00	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 16:00	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 16:00	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 16:00	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 16:00	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 16:00	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 16:00	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 16:00	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 16:00	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 16:00	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 16:00	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 16:00	WG2224300
Chloroform	0.639		0.111	0.500	1	02/11/2024 16:00	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 16:00	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 16:00	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 16:00	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 16:00	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 16:00	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 16:00	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 16:00	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 16:00	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 16:00	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 16:00	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 16:00	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 16:00	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 16:00	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 16:00	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 16:00	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 16:00	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 16:00	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 16:00	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 16:00	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 16:00	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 16:00	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 16:00	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 16:00	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 16:00	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 16:00	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 16:00	WG2224300
2-Butanone (MEK)	U		1.19	5.00	1	02/16/2024 03:22	WG2227336
Methylene Chloride	U		0.430	2.50	1	02/11/2024 16:00	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 16:00	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 16:00	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 16:00	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 16:00	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 16:00	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 16:00	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 16:00	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 16:00	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 16:00	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 16:00	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 16:00	WG2224300

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	02/11/2024 16:00	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 16:00	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 16:00	WG2224300
Trichloroethene	U		0.190	0.500	1	02/11/2024 16:00	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 16:00	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 16:00	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 16:00	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 16:00	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 16:00	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 16:00	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 16:00	WG2224300
(S) Toluene-d8	106			80.0-120		02/11/2024 16:00	WG2224300
(S) Toluene-d8	108			80.0-120		02/16/2024 03:22	WG2227336
(S) 4-Bromofluorobenzene	96.6			77.0-126		02/11/2024 16:00	WG2224300
(S) 4-Bromofluorobenzene	101			77.0-126		02/16/2024 03:22	WG2227336
(S) 1,2-Dichloroethane-d4	94.0			70.0-130		02/11/2024 16:00	WG2224300
(S) 1,2-Dichloroethane-d4	116			70.0-130		02/16/2024 03:22	WG2227336

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	20400		2820	6250	250	02/16/2024 03:43	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 16:18	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 16:18	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 16:18	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 16:18	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 16:18	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 16:18	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 16:18	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 16:18	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 16:18	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 16:18	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 16:18	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 16:18	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 16:18	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 16:18	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 16:18	WG2224300
Chloroform	0.675		0.111	0.500	1	02/11/2024 16:18	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 16:18	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 16:18	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 16:18	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 16:18	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 16:18	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 16:18	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 16:18	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 16:18	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 16:18	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 16:18	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 16:18	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 16:18	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 16:18	WG2224300
cis-1,2-Dichloroethene	2.22		0.126	0.500	1	02/11/2024 16:18	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 16:18	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 16:18	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 16:18	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 16:18	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 16:18	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 16:18	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 16:18	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 16:18	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 16:18	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 16:18	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 16:18	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 16:18	WG2224300
2-Butanone (MEK)	15800		298	1250	250	02/16/2024 03:43	WG2227336
Methylene Chloride	U		0.430	2.50	1	02/11/2024 16:18	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 16:18	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 16:18	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 16:18	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 16:18	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 16:18	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 16:18	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 16:18	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 16:18	WG2224300
Tetrachloroethene	0.909		0.300	0.500	1	02/11/2024 16:18	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 16:18	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 16:18	WG2224300

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	02/11/2024 16:18	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 16:18	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 16:18	WG2224300
Trichloroethene	16.8		0.190	0.500	1	02/11/2024 16:18	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 16:18	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 16:18	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 16:18	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 16:18	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 16:18	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 16:18	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 16:18	WG2224300
(S) Toluene-d8	103			80.0-120		02/11/2024 16:18	WG2224300
(S) Toluene-d8	107			80.0-120		02/16/2024 03:43	WG2227336
(S) 4-Bromofluorobenzene	96.8			77.0-126		02/11/2024 16:18	WG2224300
(S) 4-Bromofluorobenzene	99.1			77.0-126		02/16/2024 03:43	WG2227336
(S) 1,2-Dichloroethane-d4	96.1			70.0-130		02/11/2024 16:18	WG2224300
(S) 1,2-Dichloroethane-d4	116			70.0-130		02/16/2024 03:43	WG2227336

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	19100		2820	6250	250	02/16/2024 04:04	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 16:37	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 16:37	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 16:37	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 16:37	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 16:37	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 16:37	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 16:37	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 16:37	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 16:37	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 16:37	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 16:37	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 16:37	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 16:37	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 16:37	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 16:37	WG2224300
Chloroform	0.741		0.111	0.500	1	02/11/2024 16:37	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 16:37	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 16:37	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 16:37	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 16:37	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 16:37	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 16:37	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 16:37	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 16:37	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 16:37	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 16:37	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 16:37	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 16:37	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 16:37	WG2224300
cis-1,2-Dichloroethene	2.52		0.126	0.500	1	02/11/2024 16:37	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 16:37	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 16:37	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 16:37	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 16:37	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 16:37	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 16:37	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 16:37	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 16:37	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 16:37	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 16:37	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 16:37	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 16:37	WG2224300
2-Butanone (MEK)	15200		298	1250	250	02/16/2024 04:04	WG2227336
Methylene Chloride	U		0.430	2.50	1	02/11/2024 16:37	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 16:37	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 16:37	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 16:37	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 16:37	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 16:37	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 16:37	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 16:37	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 16:37	WG2224300
Tetrachloroethene	0.984		0.300	0.500	1	02/11/2024 16:37	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 16:37	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 16:37	WG2224300

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	02/11/2024 16:37	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 16:37	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 16:37	WG2224300
Trichloroethene	17.5		0.190	0.500	1	02/11/2024 16:37	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 16:37	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 16:37	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 16:37	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 16:37	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 16:37	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 16:37	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 16:37	WG2224300
(S) Toluene-d8	107			80.0-120		02/11/2024 16:37	WG2224300
(S) Toluene-d8	106			80.0-120		02/16/2024 04:04	WG2227336
(S) 4-Bromofluorobenzene	99.9			77.0-126		02/11/2024 16:37	WG2224300
(S) 4-Bromofluorobenzene	102			77.0-126		02/16/2024 04:04	WG2227336
(S) 1,2-Dichloroethane-d4	96.6			70.0-130		02/11/2024 16:37	WG2224300
(S) 1,2-Dichloroethane-d4	116			70.0-130		02/16/2024 04:04	WG2227336

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	19800		2820	6250	250	02/16/2024 04:25	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 16:56	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 16:56	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 16:56	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 16:56	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 16:56	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 16:56	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 16:56	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 16:56	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 16:56	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 16:56	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 16:56	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 16:56	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 16:56	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 16:56	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 16:56	WG2224300
Chloroform	0.140	J	0.111	0.500	1	02/11/2024 16:56	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 16:56	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 16:56	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 16:56	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 16:56	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 16:56	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 16:56	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 16:56	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 16:56	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 16:56	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 16:56	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 16:56	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 16:56	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 16:56	WG2224300
cis-1,2-Dichloroethene	3.84		0.126	0.500	1	02/11/2024 16:56	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 16:56	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 16:56	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 16:56	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 16:56	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 16:56	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 16:56	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 16:56	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 16:56	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 16:56	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 16:56	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 16:56	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 16:56	WG2224300
2-Butanone (MEK)	18400		298	1250	250	02/16/2024 04:25	WG2227336
Methylene Chloride	U		0.430	2.50	1	02/11/2024 16:56	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 16:56	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 16:56	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 16:56	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 16:56	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 16:56	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 16:56	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 16:56	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 16:56	WG2224300
Tetrachloroethene	0.792		0.300	0.500	1	02/11/2024 16:56	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 16:56	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 16:56	WG2224300

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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

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	02/11/2024 16:56	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 16:56	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 16:56	WG2224300
Trichloroethene	23.0		0.190	0.500	1	02/11/2024 16:56	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 16:56	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 16:56	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 16:56	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 16:56	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 16:56	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 16:56	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 16:56	WG2224300
(S) Toluene-d8	103			80.0-120		02/11/2024 16:56	WG2224300
(S) Toluene-d8	107			80.0-120		02/16/2024 04:25	WG2227336
(S) 4-Bromofluorobenzene	100			77.0-126		02/11/2024 16:56	WG2224300
(S) 4-Bromofluorobenzene	98.3			77.0-126		02/16/2024 04:25	WG2227336
(S) 1,2-Dichloroethane-d4	96.1			70.0-130		02/11/2024 16:56	WG2224300
(S) 1,2-Dichloroethane-d4	118			70.0-130		02/16/2024 04:25	WG2227336

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	19000		2820	6250	250	02/16/2024 04:47	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 17:15	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 17:15	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 17:15	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 17:15	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 17:15	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 17:15	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 17:15	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 17:15	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 17:15	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 17:15	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 17:15	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 17:15	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 17:15	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 17:15	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 17:15	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 17:15	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 17:15	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 17:15	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 17:15	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 17:15	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 17:15	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 17:15	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 17:15	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 17:15	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 17:15	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 17:15	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 17:15	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 17:15	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 17:15	WG2224300
cis-1,2-Dichloroethene	3.54		0.126	0.500	1	02/11/2024 17:15	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 17:15	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 17:15	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 17:15	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 17:15	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 17:15	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 17:15	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 17:15	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 17:15	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 17:15	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 17:15	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 17:15	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 17:15	WG2224300
2-Butanone (MEK)	18200		298	1250	250	02/16/2024 04:47	WG2227336
Methylene Chloride	U		0.430	2.50	1	02/11/2024 17:15	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 17:15	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 17:15	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 17:15	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 17:15	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 17:15	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 17:15	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 17:15	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 17:15	WG2224300
Tetrachloroethene	0.784		0.300	0.500	1	02/11/2024 17:15	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 17:15	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 17:15	WG2224300

1

Cp

2

Tc

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Ss

4

Cn

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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	02/11/2024 17:15	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 17:15	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 17:15	WG2224300
Trichloroethene	23.4		0.190	0.500	1	02/11/2024 17:15	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 17:15	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 17:15	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 17:15	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 17:15	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 17:15	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 17:15	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 17:15	WG2224300
(S) Toluene-d8	107			80.0-120		02/11/2024 17:15	WG2224300
(S) Toluene-d8	107			80.0-120		02/16/2024 04:47	WG2227336
(S) 4-Bromofluorobenzene	103			77.0-126		02/11/2024 17:15	WG2224300
(S) 4-Bromofluorobenzene	97.7			77.0-126		02/16/2024 04:47	WG2227336
(S) 1,2-Dichloroethane-d4	94.6			70.0-130		02/11/2024 17:15	WG2224300
(S) 1,2-Dichloroethane-d4	118			70.0-130		02/16/2024 04:47	WG2227336

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	23500		2820	6250	250	02/16/2024 05:08	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 17:34	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 17:34	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 17:34	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 17:34	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 17:34	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 17:34	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 17:34	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 17:34	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 17:34	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 17:34	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 17:34	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 17:34	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 17:34	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 17:34	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 17:34	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 17:34	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 17:34	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 17:34	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 17:34	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 17:34	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 17:34	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 17:34	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 17:34	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 17:34	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 17:34	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 17:34	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 17:34	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 17:34	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 17:34	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 17:34	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 17:34	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 17:34	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 17:34	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 17:34	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 17:34	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 17:34	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 17:34	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 17:34	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 17:34	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 17:34	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 17:34	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 17:34	WG2224300
2-Butanone (MEK)	18500		298	1250	250	02/16/2024 05:08	WG2227336
Methylene Chloride	U		0.430	2.50	1	02/11/2024 17:34	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 17:34	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 17:34	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 17:34	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 17:34	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 17:34	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 17:34	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 17:34	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 17:34	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 17:34	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 17:34	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 17:34	WG2224300

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	02/11/2024 17:34	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 17:34	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 17:34	WG2224300
Trichloroethene	0.437	J	0.190	0.500	1	02/11/2024 17:34	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 17:34	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 17:34	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 17:34	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 17:34	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 17:34	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 17:34	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 17:34	WG2224300
(S) Toluene-d8	105			80.0-120		02/11/2024 17:34	WG2224300
(S) Toluene-d8	106			80.0-120		02/16/2024 05:08	WG2227336
(S) 4-Bromofluorobenzene	102			77.0-126		02/11/2024 17:34	WG2224300
(S) 4-Bromofluorobenzene	99.2			77.0-126		02/16/2024 05:08	WG2227336
(S) 1,2-Dichloroethane-d4	93.8			70.0-130		02/11/2024 17:34	WG2224300
(S) 1,2-Dichloroethane-d4	117			70.0-130		02/16/2024 05:08	WG2227336

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		11.3	25.0	1	02/16/2024 05:29	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 17:53	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 17:53	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 17:53	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 17:53	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 17:53	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 17:53	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 17:53	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 17:53	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 17:53	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 17:53	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 17:53	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 17:53	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 17:53	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 17:53	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 17:53	WG2224300
Chloroform	0.229	J	0.111	0.500	1	02/11/2024 17:53	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 17:53	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 17:53	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 17:53	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 17:53	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 17:53	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 17:53	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 17:53	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 17:53	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 17:53	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 17:53	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 17:53	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 17:53	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 17:53	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 17:53	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 17:53	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 17:53	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 17:53	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 17:53	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 17:53	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 17:53	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 17:53	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 17:53	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 17:53	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 17:53	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 17:53	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 17:53	WG2224300
2-Butanone (MEK)	U		1.19	5.00	1	02/16/2024 05:29	WG2227336
Methylene Chloride	U		0.430	2.50	1	02/11/2024 17:53	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 17:53	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 17:53	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 17:53	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 17:53	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 17:53	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 17:53	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 17:53	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 17:53	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 17:53	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 17:53	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 17:53	WG2224300

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
1,2,4-Trichlorobenzene	U		0.481	1.00	1	02/11/2024 17:53	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 17:53	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 17:53	WG2224300
Trichloroethene	U		0.190	0.500	1	02/11/2024 17:53	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 17:53	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 17:53	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 17:53	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 17:53	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 17:53	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 17:53	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 17:53	WG2224300
(S) Toluene-d8	108			80.0-120		02/11/2024 17:53	WG2224300
(S) Toluene-d8	108			80.0-120		02/16/2024 05:29	WG2227336
(S) 4-Bromofluorobenzene	94.4			77.0-126		02/11/2024 17:53	WG2224300
(S) 4-Bromofluorobenzene	97.1			77.0-126		02/16/2024 05:29	WG2227336
(S) 1,2-Dichloroethane-d4	96.8			70.0-130		02/11/2024 17:53	WG2224300
(S) 1,2-Dichloroethane-d4	117			70.0-130		02/16/2024 05:29	WG2227336

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

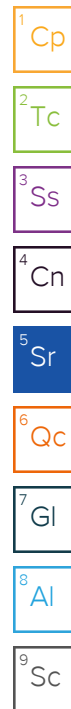
7Gl

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		11.3	25.0	1	02/11/2024 18:11	WG2224300
Acrolein	U	J4	2.54	50.0	1	02/11/2024 18:11	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 18:11	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 18:11	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 18:11	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 18:11	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 18:11	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 18:11	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 18:11	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 18:11	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 18:11	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 18:11	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 18:11	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 18:11	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 18:11	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 18:11	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 18:11	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 18:11	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 18:11	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 18:11	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 18:11	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 18:11	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 18:11	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 18:11	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 18:11	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 18:11	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 18:11	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 18:11	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 18:11	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 18:11	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 18:11	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 18:11	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 18:11	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 18:11	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 18:11	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 18:11	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 18:11	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 18:11	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 18:11	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 18:11	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 18:11	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 18:11	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 18:11	WG2224300
2-Butanone (MEK)	U		1.19	5.00	1	02/16/2024 05:51	WG2227336
Methylene Chloride	U		0.430	2.50	1	02/11/2024 18:11	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 18:11	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 18:11	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 18:11	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 18:11	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 18:11	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 18:11	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 18:11	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 18:11	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 18:11	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 18:11	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 18:11	WG2224300



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	02/11/2024 18:11	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 18:11	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 18:11	WG2224300
Trichloroethene	U		0.190	0.500	1	02/11/2024 18:11	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 18:11	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 18:11	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 18:11	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 18:11	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 18:11	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 18:11	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 18:11	WG2224300
(S) Toluene-d8	107			80.0-120		02/11/2024 18:11	WG2224300
(S) Toluene-d8	107			80.0-120		02/16/2024 05:51	WG2227336
(S) 4-Bromofluorobenzene	92.1			77.0-126		02/11/2024 18:11	WG2224300
(S) 4-Bromofluorobenzene	101			77.0-126		02/16/2024 05:51	WG2227336
(S) 1,2-Dichloroethane-d4	98.3			70.0-130		02/11/2024 18:11	WG2224300
(S) 1,2-Dichloroethane-d4	117			70.0-130		02/16/2024 05:51	WG2227336

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	290	C5	11.3	25.0	1	02/11/2024 18:30	WG2224300
Acrolein	U	J4	2.54	50.0	1	02/11/2024 18:30	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 18:30	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 18:30	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 18:30	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 18:30	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 18:30	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 18:30	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 18:30	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 18:30	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 18:30	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 18:30	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 18:30	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 18:30	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 18:30	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 18:30	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 18:30	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 18:30	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 18:30	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 18:30	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 18:30	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 18:30	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 18:30	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 18:30	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 18:30	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 18:30	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 18:30	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 18:30	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 18:30	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 18:30	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 18:30	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 18:30	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 18:30	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 18:30	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 18:30	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 18:30	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 18:30	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 18:30	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 18:30	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 18:30	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 18:30	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 18:30	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 18:30	WG2224300
2-Butanone (MEK)	7.02		1.19	5.00	1	02/11/2024 18:30	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 18:30	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 18:30	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 18:30	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 18:30	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 18:30	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 18:30	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 18:30	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 18:30	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 18:30	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 18:30	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 18:30	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 18:30	WG2224300

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	02/11/2024 18:30	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 18:30	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 18:30	WG2224300
Trichloroethene	1.04		0.190	0.500	1	02/11/2024 18:30	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 18:30	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 18:30	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 18:30	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 18:30	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 18:30	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 18:30	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 18:30	WG2224300
(S) Toluene-d8	106			80.0-120		02/11/2024 18:30	WG2224300
(S) 4-Bromofluorobenzene	96.3			77.0-126		02/11/2024 18:30	WG2224300
(S) 1,2-Dichloroethane-d4	99.6			70.0-130		02/11/2024 18:30	WG2224300

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

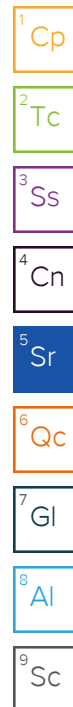
7Gl

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	333		56.5	125	5	02/16/2024 06:12	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 18:49	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 18:49	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 18:49	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 18:49	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 18:49	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 18:49	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 18:49	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 18:49	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 18:49	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 18:49	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 18:49	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 18:49	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 18:49	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 18:49	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 18:49	WG2224300
Chloroform	0.756		0.111	0.500	1	02/11/2024 18:49	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 18:49	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 18:49	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 18:49	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 18:49	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 18:49	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 18:49	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 18:49	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 18:49	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 18:49	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 18:49	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 18:49	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 18:49	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 18:49	WG2224300
cis-1,2-Dichloroethene	1.79		0.126	0.500	1	02/11/2024 18:49	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 18:49	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 18:49	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 18:49	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 18:49	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 18:49	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 18:49	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 18:49	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 18:49	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 18:49	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 18:49	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 18:49	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 18:49	WG2224300
2-Butanone (MEK)	1.41	J	1.19	5.00	1	02/11/2024 18:49	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 18:49	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 18:49	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 18:49	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 18:49	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 18:49	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 18:49	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 18:49	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 18:49	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 18:49	WG2224300
Tetrachloroethene	0.504		0.300	0.500	1	02/11/2024 18:49	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 18:49	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 18:49	WG2224300



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	02/11/2024 18:49	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 18:49	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 18:49	WG2224300
Trichloroethene	9.45		0.190	0.500	1	02/11/2024 18:49	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 18:49	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 18:49	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 18:49	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 18:49	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 18:49	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 18:49	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 18:49	WG2224300
(S) Toluene-d8	107			80.0-120		02/11/2024 18:49	WG2224300
(S) Toluene-d8	106			80.0-120		02/16/2024 06:12	WG2227336
(S) 4-Bromofluorobenzene	93.4			77.0-126		02/11/2024 18:49	WG2224300
(S) 4-Bromofluorobenzene	99.2			77.0-126		02/16/2024 06:12	WG2227336
(S) 1,2-Dichloroethane-d4	101			70.0-130		02/11/2024 18:49	WG2224300
(S) 1,2-Dichloroethane-d4	114			70.0-130		02/16/2024 06:12	WG2227336

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

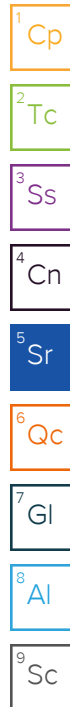
7Gl

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	269		56.5	125	5	02/16/2024 06:34	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 19:08	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 19:08	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 19:08	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 19:08	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 19:08	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 19:08	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 19:08	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 19:08	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 19:08	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 19:08	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 19:08	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 19:08	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 19:08	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 19:08	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 19:08	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 19:08	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 19:08	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 19:08	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 19:08	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 19:08	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 19:08	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 19:08	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 19:08	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 19:08	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 19:08	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 19:08	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 19:08	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 19:08	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 19:08	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 19:08	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 19:08	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 19:08	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 19:08	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 19:08	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 19:08	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 19:08	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 19:08	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 19:08	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 19:08	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 19:08	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 19:08	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 19:08	WG2224300
2-Butanone (MEK)	9.56		1.19	5.00	1	02/11/2024 19:08	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 19:08	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 19:08	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 19:08	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 19:08	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 19:08	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 19:08	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 19:08	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 19:08	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 19:08	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 19:08	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 19:08	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 19:08	WG2224300



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	02/11/2024 19:08	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 19:08	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 19:08	WG2224300
Trichloroethene	1.45		0.190	0.500	1	02/11/2024 19:08	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 19:08	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 19:08	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 19:08	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 19:08	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 19:08	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 19:08	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 19:08	WG2224300
(S) Toluene-d8	103			80.0-120		02/11/2024 19:08	WG2224300
(S) Toluene-d8	106			80.0-120		02/16/2024 06:34	WG2227336
(S) 4-Bromofluorobenzene	93.6			77.0-126		02/11/2024 19:08	WG2224300
(S) 4-Bromofluorobenzene	94.8			77.0-126		02/16/2024 06:34	WG2227336
(S) 1,2-Dichloroethane-d4	97.9			70.0-130		02/11/2024 19:08	WG2224300
(S) 1,2-Dichloroethane-d4	117			70.0-130		02/16/2024 06:34	WG2227336

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

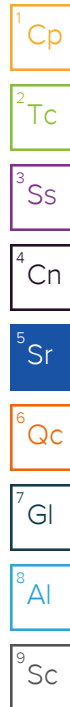
7Gl

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	159		11.3	25.0	1	02/16/2024 06:55	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 19:27	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 19:27	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 19:27	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 19:27	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 19:27	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 19:27	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 19:27	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 19:27	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 19:27	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 19:27	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 19:27	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 19:27	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 19:27	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 19:27	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 19:27	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 19:27	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 19:27	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 19:27	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 19:27	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 19:27	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 19:27	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 19:27	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 19:27	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 19:27	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 19:27	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 19:27	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 19:27	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 19:27	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 19:27	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 19:27	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 19:27	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 19:27	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 19:27	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 19:27	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 19:27	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 19:27	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 19:27	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 19:27	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 19:27	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 19:27	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 19:27	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 19:27	WG2224300
2-Butanone (MEK)	U		1.19	5.00	1	02/11/2024 19:27	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 19:27	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 19:27	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 19:27	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 19:27	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 19:27	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 19:27	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 19:27	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 19:27	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 19:27	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 19:27	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 19:27	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 19:27	WG2224300



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	02/11/2024 19:27	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 19:27	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 19:27	WG2224300
Trichloroethene	0.641		0.190	0.500	1	02/11/2024 19:27	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 19:27	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 19:27	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 19:27	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 19:27	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 19:27	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 19:27	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 19:27	WG2224300
(S) Toluene-d8	107			80.0-120		02/11/2024 19:27	WG2224300
(S) Toluene-d8	108			80.0-120		02/16/2024 06:55	WG2227336
(S) 4-Bromofluorobenzene	91.3			77.0-126		02/11/2024 19:27	WG2224300
(S) 4-Bromofluorobenzene	99.8			77.0-126		02/16/2024 06:55	WG2227336
(S) 1,2-Dichloroethane-d4	99.6			70.0-130		02/11/2024 19:27	WG2224300
(S) 1,2-Dichloroethane-d4	117			70.0-130		02/16/2024 06:55	WG2227336

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		11.3	25.0	1	02/11/2024 19:46	WG2224300
Acrolein	U	J4	2.54	50.0	1	02/11/2024 19:46	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 19:46	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 19:46	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 19:46	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 19:46	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 19:46	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 19:46	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 19:46	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 19:46	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 19:46	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 19:46	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 19:46	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 19:46	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 19:46	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 19:46	WG2224300
Chloroform	0.418	J	0.111	0.500	1	02/11/2024 19:46	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 19:46	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 19:46	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 19:46	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 19:46	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 19:46	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 19:46	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 19:46	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 19:46	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 19:46	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 19:46	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 19:46	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 19:46	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 19:46	WG2224300
cis-1,2-Dichloroethene	2.42		0.126	0.500	1	02/11/2024 19:46	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 19:46	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 19:46	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 19:46	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 19:46	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 19:46	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 19:46	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 19:46	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 19:46	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 19:46	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 19:46	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 19:46	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 19:46	WG2224300
2-Butanone (MEK)	U		1.19	5.00	1	02/11/2024 19:46	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 19:46	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 19:46	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 19:46	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 19:46	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 19:46	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 19:46	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 19:46	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 19:46	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 19:46	WG2224300
Tetrachloroethene	1.09		0.300	0.500	1	02/11/2024 19:46	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 19:46	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 19:46	WG2224300

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	02/11/2024 19:46	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 19:46	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 19:46	WG2224300
Trichloroethene	16.4		0.190	0.500	1	02/11/2024 19:46	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 19:46	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 19:46	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 19:46	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 19:46	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 19:46	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 19:46	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 19:46	WG2224300
(S) Toluene-d8	106			80.0-120		02/11/2024 19:46	WG2224300
(S) 4-Bromofluorobenzene	92.4			77.0-126		02/11/2024 19:46	WG2224300
(S) 1,2-Dichloroethane-d4	100			70.0-130		02/11/2024 19:46	WG2224300

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

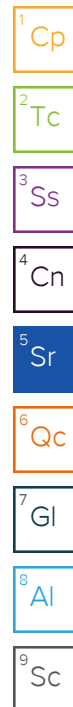
7Gl

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		11.3	25.0	1	02/11/2024 20:05	WG2224300
Acrolein	U	J4	2.54	50.0	1	02/11/2024 20:05	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 20:05	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 20:05	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 20:05	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 20:05	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 20:05	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 20:05	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 20:05	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 20:05	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 20:05	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 20:05	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 20:05	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 20:05	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 20:05	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 20:05	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 20:05	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 20:05	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 20:05	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 20:05	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 20:05	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 20:05	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 20:05	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 20:05	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 20:05	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 20:05	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 20:05	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 20:05	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 20:05	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 20:05	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 20:05	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 20:05	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 20:05	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 20:05	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 20:05	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 20:05	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 20:05	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 20:05	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 20:05	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 20:05	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 20:05	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 20:05	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 20:05	WG2224300
2-Butanone (MEK)	U		1.19	5.00	1	02/11/2024 20:05	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 20:05	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 20:05	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 20:05	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 20:05	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 20:05	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 20:05	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 20:05	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 20:05	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 20:05	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 20:05	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 20:05	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 20:05	WG2224300



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	02/11/2024 20:05	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 20:05	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 20:05	WG2224300
Trichloroethene	U		0.190	0.500	1	02/11/2024 20:05	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 20:05	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 20:05	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 20:05	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 20:05	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 20:05	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 20:05	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 20:05	WG2224300
(S) Toluene-d8	107			80.0-120		02/11/2024 20:05	WG2224300
(S) 4-Bromofluorobenzene	94.6			77.0-126		02/11/2024 20:05	WG2224300
(S) 1,2-Dichloroethane-d4	103			70.0-130		02/11/2024 20:05	WG2224300

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		11.3	25.0	1	02/11/2024 20:24	WG2224300
Acrolein	U	J4	2.54	50.0	1	02/11/2024 20:24	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 20:24	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 20:24	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 20:24	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 20:24	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 20:24	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 20:24	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 20:24	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 20:24	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 20:24	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 20:24	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 20:24	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 20:24	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 20:24	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 20:24	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 20:24	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 20:24	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 20:24	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 20:24	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 20:24	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 20:24	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 20:24	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 20:24	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 20:24	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 20:24	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 20:24	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 20:24	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 20:24	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 20:24	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 20:24	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 20:24	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 20:24	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 20:24	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 20:24	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 20:24	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 20:24	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 20:24	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 20:24	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 20:24	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 20:24	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 20:24	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 20:24	WG2224300
2-Butanone (MEK)	1.38	J	1.19	5.00	1	02/11/2024 20:24	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 20:24	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 20:24	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 20:24	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 20:24	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 20:24	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 20:24	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 20:24	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 20:24	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 20:24	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 20:24	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 20:24	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 20:24	WG2224300

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	02/11/2024 20:24	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 20:24	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 20:24	WG2224300
Trichloroethene	2.82		0.190	0.500	1	02/11/2024 20:24	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 20:24	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 20:24	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 20:24	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 20:24	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 20:24	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 20:24	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 20:24	WG2224300
(S) Toluene-d8	106			80.0-120		02/11/2024 20:24	WG2224300
(S) 4-Bromofluorobenzene	90.5			77.0-126		02/11/2024 20:24	WG2224300
(S) 1,2-Dichloroethane-d4	104			70.0-130		02/11/2024 20:24	WG2224300

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

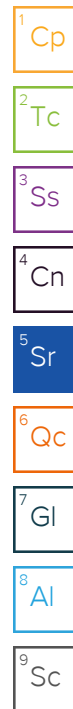
7Gl

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		11.3	25.0	1	02/11/2024 20:42	WG2224300
Acrolein	U	J4	2.54	50.0	1	02/11/2024 20:42	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 20:42	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 20:42	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 20:42	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 20:42	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 20:42	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 20:42	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 20:42	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 20:42	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 20:42	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 20:42	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 20:42	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 20:42	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 20:42	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 20:42	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 20:42	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 20:42	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 20:42	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 20:42	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 20:42	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 20:42	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 20:42	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 20:42	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 20:42	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 20:42	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 20:42	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 20:42	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 20:42	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 20:42	WG2224300
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/11/2024 20:42	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 20:42	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 20:42	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 20:42	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 20:42	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 20:42	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 20:42	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 20:42	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 20:42	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 20:42	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 20:42	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 20:42	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 20:42	WG2224300
2-Butanone (MEK)	U		1.19	5.00	1	02/11/2024 20:42	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 20:42	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 20:42	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 20:42	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 20:42	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 20:42	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 20:42	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 20:42	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 20:42	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 20:42	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 20:42	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 20:42	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 20:42	WG2224300



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	02/11/2024 20:42	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 20:42	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 20:42	WG2224300
Trichloroethene	U		0.190	0.500	1	02/11/2024 20:42	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 20:42	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 20:42	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 20:42	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 20:42	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 20:42	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 20:42	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 20:42	WG2224300
(S) Toluene-d8	106			80.0-120		02/11/2024 20:42	WG2224300
(S) 4-Bromofluorobenzene	92.3			77.0-126		02/11/2024 20:42	WG2224300
(S) 1,2-Dichloroethane-d4	102			70.0-130		02/11/2024 20:42	WG2224300

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

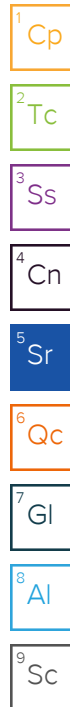
7Gl

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	267		56.5	125	5	02/16/2024 07:16	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 21:01	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 21:01	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 21:01	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 21:01	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 21:01	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 21:01	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 21:01	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 21:01	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 21:01	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 21:01	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 21:01	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 21:01	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 21:01	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 21:01	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 21:01	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 21:01	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 21:01	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 21:01	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 21:01	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 21:01	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 21:01	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 21:01	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 21:01	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 21:01	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 21:01	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 21:01	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 21:01	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 21:01	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 21:01	WG2224300
cis-1,2-Dichloroethene	3.56		0.126	0.500	1	02/11/2024 21:01	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 21:01	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 21:01	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 21:01	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 21:01	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 21:01	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 21:01	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 21:01	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 21:01	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 21:01	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 21:01	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 21:01	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 21:01	WG2224300
2-Butanone (MEK)	1.39	J	1.19	5.00	1	02/11/2024 21:01	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 21:01	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 21:01	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 21:01	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 21:01	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 21:01	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 21:01	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 21:01	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 21:01	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 21:01	WG2224300
Tetrachloroethene	2.05		0.300	0.500	1	02/11/2024 21:01	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 21:01	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 21:01	WG2224300



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	02/11/2024 21:01	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 21:01	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 21:01	WG2224300
Trichloroethene	45.4		0.190	0.500	1	02/11/2024 21:01	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 21:01	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 21:01	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 21:01	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 21:01	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 21:01	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 21:01	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 21:01	WG2224300
(S) Toluene-d8	110			80.0-120		02/11/2024 21:01	WG2224300
(S) Toluene-d8	109			80.0-120		02/16/2024 07:16	WG2227336
(S) 4-Bromofluorobenzene	90.8			77.0-126		02/11/2024 21:01	WG2224300
(S) 4-Bromofluorobenzene	99.0			77.0-126		02/16/2024 07:16	WG2227336
(S) 1,2-Dichloroethane-d4	100			70.0-130		02/11/2024 21:01	WG2224300
(S) 1,2-Dichloroethane-d4	115			70.0-130		02/16/2024 07:16	WG2227336

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	270		56.5	125	5	02/16/2024 07:37	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 21:20	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 21:20	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 21:20	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 21:20	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 21:20	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 21:20	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 21:20	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 21:20	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 21:20	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 21:20	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 21:20	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 21:20	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 21:20	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 21:20	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 21:20	WG2224300
Chloroform	0.687		0.111	0.500	1	02/11/2024 21:20	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 21:20	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 21:20	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 21:20	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 21:20	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 21:20	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 21:20	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 21:20	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 21:20	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 21:20	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 21:20	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 21:20	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 21:20	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 21:20	WG2224300
cis-1,2-Dichloroethene	0.580		0.126	0.500	1	02/11/2024 21:20	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 21:20	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 21:20	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 21:20	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 21:20	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 21:20	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 21:20	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 21:20	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 21:20	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 21:20	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 21:20	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 21:20	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 21:20	WG2224300
2-Butanone (MEK)	1.89	J	1.19	5.00	1	02/11/2024 21:20	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 21:20	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 21:20	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 21:20	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 21:20	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 21:20	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 21:20	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 21:20	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 21:20	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 21:20	WG2224300
Tetrachloroethene	U		0.300	0.500	1	02/11/2024 21:20	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 21:20	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 21:20	WG2224300

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	02/11/2024 21:20	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 21:20	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 21:20	WG2224300
Trichloroethene	6.79		0.190	0.500	1	02/11/2024 21:20	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 21:20	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 21:20	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 21:20	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 21:20	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 21:20	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 21:20	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 21:20	WG2224300
(S) Toluene-d8	105			80.0-120		02/11/2024 21:20	WG2224300
(S) Toluene-d8	109			80.0-120		02/16/2024 07:37	WG2227336
(S) 4-Bromofluorobenzene	94.4			77.0-126		02/11/2024 21:20	WG2224300
(S) 4-Bromofluorobenzene	97.8			77.0-126		02/16/2024 07:37	WG2227336
(S) 1,2-Dichloroethane-d4	100			70.0-130		02/11/2024 21:20	WG2224300
(S) 1,2-Dichloroethane-d4	115			70.0-130		02/16/2024 07:37	WG2227336

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

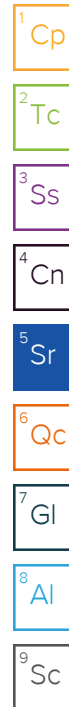
7Gl

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	313		56.5	125	5	02/16/2024 07:59	WG2227336
Acrolein	U	J4	2.54	50.0	1	02/11/2024 21:39	WG2224300
Acrylonitrile	U		0.671	5.00	1	02/11/2024 21:39	WG2224300
Benzene	U		0.0941	0.500	1	02/11/2024 21:39	WG2224300
Bromobenzene	U		0.118	0.500	1	02/11/2024 21:39	WG2224300
Bromodichloromethane	U		0.136	0.500	1	02/11/2024 21:39	WG2224300
Bromoform	U		0.129	0.500	1	02/11/2024 21:39	WG2224300
Bromomethane	U		0.605	2.50	1	02/11/2024 21:39	WG2224300
n-Butylbenzene	U		0.157	0.500	1	02/11/2024 21:39	WG2224300
sec-Butylbenzene	U		0.125	0.500	1	02/11/2024 21:39	WG2224300
tert-Butylbenzene	U		0.127	0.500	1	02/11/2024 21:39	WG2224300
Carbon disulfide	U		0.0962	0.500	1	02/11/2024 21:39	WG2224300
Carbon tetrachloride	U		0.128	0.500	1	02/11/2024 21:39	WG2224300
Chlorobenzene	U		0.117	0.500	1	02/11/2024 21:39	WG2224300
Chlorodibromomethane	U		0.140	0.500	1	02/11/2024 21:39	WG2224300
Chloroethane	U		0.192	2.50	1	02/11/2024 21:39	WG2224300
Chloroform	U		0.111	0.500	1	02/11/2024 21:39	WG2224300
Chloromethane	U	C3	0.960	1.25	1	02/11/2024 21:39	WG2224300
2-Chlorotoluene	U		0.106	0.500	1	02/11/2024 21:39	WG2224300
4-Chlorotoluene	U		0.114	0.500	1	02/11/2024 21:39	WG2224300
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/11/2024 21:39	WG2224300
1,2-Dibromoethane	U		0.126	0.500	1	02/11/2024 21:39	WG2224300
Dibromomethane	U		0.122	0.500	1	02/11/2024 21:39	WG2224300
1,2-Dichlorobenzene	U		0.107	0.500	1	02/11/2024 21:39	WG2224300
1,3-Dichlorobenzene	U		0.299	0.500	1	02/11/2024 21:39	WG2224300
1,4-Dichlorobenzene	U		0.120	0.500	1	02/11/2024 21:39	WG2224300
Dichlorodifluoromethane	U		0.374	2.50	1	02/11/2024 21:39	WG2224300
1,1-Dichloroethane	U		0.100	0.500	1	02/11/2024 21:39	WG2224300
1,2-Dichloroethane	U		0.0819	0.500	1	02/11/2024 21:39	WG2224300
1,1-Dichloroethene	U		0.188	0.500	1	02/11/2024 21:39	WG2224300
cis-1,2-Dichloroethene	2.35		0.126	0.500	1	02/11/2024 21:39	WG2224300
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/11/2024 21:39	WG2224300
1,2-Dichloropropane	U		0.149	0.500	1	02/11/2024 21:39	WG2224300
1,1-Dichloropropene	U		0.142	0.500	1	02/11/2024 21:39	WG2224300
1,3-Dichloropropane	U		0.109	1.00	1	02/11/2024 21:39	WG2224300
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/11/2024 21:39	WG2224300
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/11/2024 21:39	WG2224300
2,2-Dichloropropane	U	J4	0.161	0.500	1	02/11/2024 21:39	WG2224300
Di-isopropyl ether	U		0.105	0.500	1	02/11/2024 21:39	WG2224300
Ethylbenzene	U		0.137	0.500	1	02/11/2024 21:39	WG2224300
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/11/2024 21:39	WG2224300
Isopropylbenzene	U		0.105	0.500	1	02/11/2024 21:39	WG2224300
p-Isopropyltoluene	U		0.120	0.500	1	02/11/2024 21:39	WG2224300
2-Butanone (MEK)	2.32	J	1.19	5.00	1	02/11/2024 21:39	WG2224300
Methylene Chloride	U		0.430	2.50	1	02/11/2024 21:39	WG2224300
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/11/2024 21:39	WG2224300
Methyl tert-butyl ether	U		0.101	0.500	1	02/11/2024 21:39	WG2224300
Naphthalene	U		0.174	2.50	1	02/11/2024 21:39	WG2224300
n-Propylbenzene	U		0.0993	0.500	1	02/11/2024 21:39	WG2224300
Styrene	U		0.118	0.500	1	02/11/2024 21:39	WG2224300
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/11/2024 21:39	WG2224300
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/11/2024 21:39	WG2224300
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/11/2024 21:39	WG2224300
Tetrachloroethene	0.415	J	0.300	0.500	1	02/11/2024 21:39	WG2224300
Toluene	U		0.278	0.500	1	02/11/2024 21:39	WG2224300
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/11/2024 21:39	WG2224300



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	02/11/2024 21:39	WG2224300
1,1,1-Trichloroethane	U		0.149	0.500	1	02/11/2024 21:39	WG2224300
1,1,2-Trichloroethane	U		0.158	0.500	1	02/11/2024 21:39	WG2224300
Trichloroethene	9.38		0.190	0.500	1	02/11/2024 21:39	WG2224300
Trichlorofluoromethane	U		0.160	2.50	1	02/11/2024 21:39	WG2224300
1,2,3-Trichloropropane	U		0.237	2.50	1	02/11/2024 21:39	WG2224300
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/11/2024 21:39	WG2224300
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 21:39	WG2224300
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/11/2024 21:39	WG2224300
Vinyl chloride	U		0.234	0.500	1	02/11/2024 21:39	WG2224300
Xylenes, Total	U		0.174	1.50	1	02/11/2024 21:39	WG2224300
(S) Toluene-d8	109			80.0-120		02/11/2024 21:39	WG2224300
(S) Toluene-d8	110			80.0-120		02/16/2024 07:59	WG2227336
(S) 4-Bromofluorobenzene	95.1			77.0-126		02/11/2024 21:39	WG2224300
(S) 4-Bromofluorobenzene	97.2			77.0-126		02/16/2024 07:59	WG2227336
(S) 1,2-Dichloroethane-d4	104			70.0-130		02/11/2024 21:39	WG2224300
(S) 1,2-Dichloroethane-d4	115			70.0-130		02/16/2024 07:59	WG2227336

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

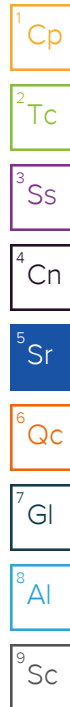
7Gl

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	360		56.5	125	5	02/15/2024 20:06	WG2227110
Acrolein	U	J4	2.54	50.0	1	02/12/2024 02:51	WG2224381
Acrylonitrile	U	C3	0.671	5.00	1	02/12/2024 02:51	WG2224381
Benzene	U		0.0941	0.500	1	02/12/2024 02:51	WG2224381
Bromobenzene	U		0.118	0.500	1	02/12/2024 02:51	WG2224381
Bromodichloromethane	U		0.136	0.500	1	02/12/2024 02:51	WG2224381
Bromoform	U		0.129	0.500	1	02/12/2024 02:51	WG2224381
Bromomethane	U		0.605	2.50	1	02/12/2024 02:51	WG2224381
n-Butylbenzene	U		0.157	0.500	1	02/12/2024 02:51	WG2224381
sec-Butylbenzene	U		0.125	0.500	1	02/12/2024 02:51	WG2224381
tert-Butylbenzene	U		0.127	0.500	1	02/12/2024 02:51	WG2224381
Carbon disulfide	0.135	J	0.0962	0.500	1	02/12/2024 02:51	WG2224381
Carbon tetrachloride	U		0.128	0.500	1	02/12/2024 02:51	WG2224381
Chlorobenzene	U		0.117	0.500	1	02/12/2024 02:51	WG2224381
Chlorodibromomethane	U		0.140	0.500	1	02/12/2024 02:51	WG2224381
Chloroethane	U		0.192	2.50	1	02/12/2024 02:51	WG2224381
Chloroform	U		0.111	0.500	1	02/12/2024 02:51	WG2224381
Chloromethane	U	C3	0.960	1.25	1	02/12/2024 02:51	WG2224381
2-Chlorotoluene	U		0.106	0.500	1	02/12/2024 02:51	WG2224381
4-Chlorotoluene	U		0.114	0.500	1	02/12/2024 02:51	WG2224381
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/12/2024 02:51	WG2224381
1,2-Dibromoethane	U		0.126	0.500	1	02/12/2024 02:51	WG2224381
Dibromomethane	U		0.122	0.500	1	02/12/2024 02:51	WG2224381
1,2-Dichlorobenzene	U		0.107	0.500	1	02/12/2024 02:51	WG2224381
1,3-Dichlorobenzene	U		0.299	0.500	1	02/12/2024 02:51	WG2224381
1,4-Dichlorobenzene	U		0.120	0.500	1	02/12/2024 02:51	WG2224381
Dichlorodifluoromethane	U		0.374	2.50	1	02/12/2024 02:51	WG2224381
1,1-Dichloroethane	U		0.100	0.500	1	02/12/2024 02:51	WG2224381
1,2-Dichloroethane	U		0.0819	0.500	1	02/12/2024 02:51	WG2224381
1,1-Dichloroethene	U		0.188	0.500	1	02/12/2024 02:51	WG2224381
cis-1,2-Dichloroethene	2.21		0.126	0.500	1	02/12/2024 02:51	WG2224381
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/12/2024 02:51	WG2224381
1,2-Dichloropropane	U		0.149	0.500	1	02/12/2024 02:51	WG2224381
1,1-Dichloropropene	U		0.142	0.500	1	02/12/2024 02:51	WG2224381
1,3-Dichloropropane	U		0.109	1.00	1	02/12/2024 02:51	WG2224381
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/12/2024 02:51	WG2224381
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/12/2024 02:51	WG2224381
2,2-Dichloropropane	U		0.161	0.500	1	02/12/2024 02:51	WG2224381
Di-isopropyl ether	U	C3	0.105	0.500	1	02/12/2024 02:51	WG2224381
Ethylbenzene	U		0.137	0.500	1	02/12/2024 02:51	WG2224381
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/12/2024 02:51	WG2224381
Isopropylbenzene	U		0.105	0.500	1	02/12/2024 02:51	WG2224381
p-Isopropyltoluene	U		0.120	0.500	1	02/12/2024 02:51	WG2224381
2-Butanone (MEK)	2.37	J	1.19	5.00	1	02/12/2024 02:51	WG2224381
Methylene Chloride	U		0.430	2.50	1	02/12/2024 02:51	WG2224381
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/12/2024 02:51	WG2224381
Methyl tert-butyl ether	U		0.101	0.500	1	02/12/2024 02:51	WG2224381
Naphthalene	U		0.174	2.50	1	02/12/2024 02:51	WG2224381
n-Propylbenzene	U		0.0993	0.500	1	02/12/2024 02:51	WG2224381
Styrene	U		0.118	0.500	1	02/12/2024 02:51	WG2224381
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/12/2024 02:51	WG2224381
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/12/2024 02:51	WG2224381
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/12/2024 02:51	WG2224381
Tetrachloroethene	0.385	J	0.300	0.500	1	02/12/2024 02:51	WG2224381
Toluene	U		0.278	0.500	1	02/12/2024 02:51	WG2224381
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/12/2024 02:51	WG2224381



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	02/12/2024 02:51	WG2224381
1,1,1-Trichloroethane	U		0.149	0.500	1	02/12/2024 02:51	WG2224381
1,1,2-Trichloroethane	U		0.158	0.500	1	02/12/2024 02:51	WG2224381
Trichloroethene	9.62		0.190	0.500	1	02/12/2024 02:51	WG2224381
Trichlorofluoromethane	U		0.160	2.50	1	02/12/2024 02:51	WG2224381
1,2,3-Trichloropropane	U		0.237	2.50	1	02/12/2024 02:51	WG2224381
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/12/2024 02:51	WG2224381
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/12/2024 02:51	WG2224381
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/12/2024 02:51	WG2224381
Vinyl chloride	U		0.234	0.500	1	02/12/2024 02:51	WG2224381
Xylenes, Total	U		0.174	1.50	1	02/12/2024 02:51	WG2224381
(S) Toluene-d8	106			80.0-120		02/12/2024 02:51	WG2224381
(S) Toluene-d8	99.2			80.0-120		02/15/2024 20:06	WG2227110
(S) 4-Bromofluorobenzene	95.9			77.0-126		02/12/2024 02:51	WG2224381
(S) 4-Bromofluorobenzene	93.9			77.0-126		02/15/2024 20:06	WG2227110
(S) 1,2-Dichloroethane-d4	101			70.0-130		02/12/2024 02:51	WG2224381
(S) 1,2-Dichloroethane-d4	98.8			70.0-130		02/15/2024 20:06	WG2227110

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	124	J	56.5	125	5	02/15/2024 20:26	WG2227110
Acrolein	U	J4	2.54	50.0	1	02/12/2024 03:10	WG2224381
Acrylonitrile	U	C3	0.671	5.00	1	02/12/2024 03:10	WG2224381
Benzene	U		0.0941	0.500	1	02/12/2024 03:10	WG2224381
Bromobenzene	U		0.118	0.500	1	02/12/2024 03:10	WG2224381
Bromodichloromethane	U		0.136	0.500	1	02/12/2024 03:10	WG2224381
Bromoform	U		0.129	0.500	1	02/12/2024 03:10	WG2224381
Bromomethane	U		0.605	2.50	1	02/12/2024 03:10	WG2224381
n-Butylbenzene	U		0.157	0.500	1	02/12/2024 03:10	WG2224381
sec-Butylbenzene	U		0.125	0.500	1	02/12/2024 03:10	WG2224381
tert-Butylbenzene	U		0.127	0.500	1	02/12/2024 03:10	WG2224381
Carbon disulfide	0.120	J	0.0962	0.500	1	02/12/2024 03:10	WG2224381
Carbon tetrachloride	U		0.128	0.500	1	02/12/2024 03:10	WG2224381
Chlorobenzene	U		0.117	0.500	1	02/12/2024 03:10	WG2224381
Chlorodibromomethane	U		0.140	0.500	1	02/12/2024 03:10	WG2224381
Chloroethane	U		0.192	2.50	1	02/12/2024 03:10	WG2224381
Chloroform	0.307	J	0.111	0.500	1	02/12/2024 03:10	WG2224381
Chloromethane	U	C3	0.960	1.25	1	02/12/2024 03:10	WG2224381
2-Chlorotoluene	U		0.106	0.500	1	02/12/2024 03:10	WG2224381
4-Chlorotoluene	U		0.114	0.500	1	02/12/2024 03:10	WG2224381
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/12/2024 03:10	WG2224381
1,2-Dibromoethane	U		0.126	0.500	1	02/12/2024 03:10	WG2224381
Dibromomethane	U		0.122	0.500	1	02/12/2024 03:10	WG2224381
1,2-Dichlorobenzene	U		0.107	0.500	1	02/12/2024 03:10	WG2224381
1,3-Dichlorobenzene	U		0.299	0.500	1	02/12/2024 03:10	WG2224381
1,4-Dichlorobenzene	U		0.120	0.500	1	02/12/2024 03:10	WG2224381
Dichlorodifluoromethane	U		0.374	2.50	1	02/12/2024 03:10	WG2224381
1,1-Dichloroethane	U		0.100	0.500	1	02/12/2024 03:10	WG2224381
1,2-Dichloroethane	U		0.0819	0.500	1	02/12/2024 03:10	WG2224381
1,1-Dichloroethene	U		0.188	0.500	1	02/12/2024 03:10	WG2224381
cis-1,2-Dichloroethene	U		0.126	0.500	1	02/12/2024 03:10	WG2224381
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/12/2024 03:10	WG2224381
1,2-Dichloropropane	U		0.149	0.500	1	02/12/2024 03:10	WG2224381
1,1-Dichloropropene	U		0.142	0.500	1	02/12/2024 03:10	WG2224381
1,3-Dichloropropane	U		0.109	1.00	1	02/12/2024 03:10	WG2224381
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/12/2024 03:10	WG2224381
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/12/2024 03:10	WG2224381
2,2-Dichloropropane	U		0.161	0.500	1	02/12/2024 03:10	WG2224381
Di-isopropyl ether	U	C3	0.105	0.500	1	02/12/2024 03:10	WG2224381
Ethylbenzene	U		0.137	0.500	1	02/12/2024 03:10	WG2224381
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/12/2024 03:10	WG2224381
Isopropylbenzene	U		0.105	0.500	1	02/12/2024 03:10	WG2224381
p-Isopropyltoluene	U		0.120	0.500	1	02/12/2024 03:10	WG2224381
2-Butanone (MEK)	2.69	J	1.19	5.00	1	02/12/2024 03:10	WG2224381
Methylene Chloride	U		0.430	2.50	1	02/12/2024 03:10	WG2224381
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/12/2024 03:10	WG2224381
Methyl tert-butyl ether	U		0.101	0.500	1	02/12/2024 03:10	WG2224381
Naphthalene	U		0.174	2.50	1	02/12/2024 03:10	WG2224381
n-Propylbenzene	U		0.0993	0.500	1	02/12/2024 03:10	WG2224381
Styrene	U		0.118	0.500	1	02/12/2024 03:10	WG2224381
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/12/2024 03:10	WG2224381
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/12/2024 03:10	WG2224381
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/12/2024 03:10	WG2224381
Tetrachloroethene	U		0.300	0.500	1	02/12/2024 03:10	WG2224381
Toluene	U		0.278	0.500	1	02/12/2024 03:10	WG2224381
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/12/2024 03:10	WG2224381

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	02/12/2024 03:10	WG2224381
1,1,1-Trichloroethane	U		0.149	0.500	1	02/12/2024 03:10	WG2224381
1,1,2-Trichloroethane	U		0.158	0.500	1	02/12/2024 03:10	WG2224381
Trichloroethene	U		0.190	0.500	1	02/12/2024 03:10	WG2224381
Trichlorofluoromethane	U		0.160	2.50	1	02/12/2024 03:10	WG2224381
1,2,3-Trichloropropane	U		0.237	2.50	1	02/12/2024 03:10	WG2224381
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/12/2024 03:10	WG2224381
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/12/2024 03:10	WG2224381
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/12/2024 03:10	WG2224381
Vinyl chloride	U		0.234	0.500	1	02/12/2024 03:10	WG2224381
Xylenes, Total	U		0.174	1.50	1	02/12/2024 03:10	WG2224381
(S) Toluene-d8	105			80.0-120		02/12/2024 03:10	WG2224381
(S) Toluene-d8	101			80.0-120		02/15/2024 20:26	WG2227110
(S) 4-Bromofluorobenzene	93.9			77.0-126		02/12/2024 03:10	WG2224381
(S) 4-Bromofluorobenzene	91.7			77.0-126		02/15/2024 20:26	WG2227110
(S) 1,2-Dichloroethane-d4	103			70.0-130		02/12/2024 03:10	WG2224381
(S) 1,2-Dichloroethane-d4	88.1			70.0-130		02/15/2024 20:26	WG2227110

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	270		11.3	25.0	1	02/12/2024 03:29	WG2224381
Acrolein	U	J4	2.54	50.0	1	02/12/2024 03:29	WG2224381
Acrylonitrile	U	C3	0.671	5.00	1	02/12/2024 03:29	WG2224381
Benzene	U		0.0941	0.500	1	02/12/2024 03:29	WG2224381
Bromobenzene	U		0.118	0.500	1	02/12/2024 03:29	WG2224381
Bromodichloromethane	U		0.136	0.500	1	02/12/2024 03:29	WG2224381
Bromoform	U		0.129	0.500	1	02/12/2024 03:29	WG2224381
Bromomethane	U		0.605	2.50	1	02/12/2024 03:29	WG2224381
n-Butylbenzene	U		0.157	0.500	1	02/12/2024 03:29	WG2224381
sec-Butylbenzene	U		0.125	0.500	1	02/12/2024 03:29	WG2224381
tert-Butylbenzene	U		0.127	0.500	1	02/12/2024 03:29	WG2224381
Carbon disulfide	U		0.0962	0.500	1	02/12/2024 03:29	WG2224381
Carbon tetrachloride	U		0.128	0.500	1	02/12/2024 03:29	WG2224381
Chlorobenzene	U		0.117	0.500	1	02/12/2024 03:29	WG2224381
Chlorodibromomethane	U		0.140	0.500	1	02/12/2024 03:29	WG2224381
Chloroethane	U		0.192	2.50	1	02/12/2024 03:29	WG2224381
Chloroform	0.457	J	0.111	0.500	1	02/12/2024 03:29	WG2224381
Chloromethane	U	C3	0.960	1.25	1	02/12/2024 03:29	WG2224381
2-Chlorotoluene	U		0.106	0.500	1	02/12/2024 03:29	WG2224381
4-Chlorotoluene	U		0.114	0.500	1	02/12/2024 03:29	WG2224381
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/12/2024 03:29	WG2224381
1,2-Dibromoethane	U		0.126	0.500	1	02/12/2024 03:29	WG2224381
Dibromomethane	U		0.122	0.500	1	02/12/2024 03:29	WG2224381
1,2-Dichlorobenzene	U		0.107	0.500	1	02/12/2024 03:29	WG2224381
1,3-Dichlorobenzene	U		0.299	0.500	1	02/12/2024 03:29	WG2224381
1,4-Dichlorobenzene	U		0.120	0.500	1	02/12/2024 03:29	WG2224381
Dichlorodifluoromethane	U		0.374	2.50	1	02/12/2024 03:29	WG2224381
1,1-Dichloroethane	U		0.100	0.500	1	02/12/2024 03:29	WG2224381
1,2-Dichloroethane	U		0.0819	0.500	1	02/12/2024 03:29	WG2224381
1,1-Dichloroethene	U		0.188	0.500	1	02/12/2024 03:29	WG2224381
cis-1,2-Dichloroethene	0.690		0.126	0.500	1	02/12/2024 03:29	WG2224381
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/12/2024 03:29	WG2224381
1,2-Dichloropropane	U		0.149	0.500	1	02/12/2024 03:29	WG2224381
1,1-Dichloropropene	U		0.142	0.500	1	02/12/2024 03:29	WG2224381
1,3-Dichloropropane	U		0.109	1.00	1	02/12/2024 03:29	WG2224381
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/12/2024 03:29	WG2224381
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/12/2024 03:29	WG2224381
2,2-Dichloropropane	U		0.161	0.500	1	02/12/2024 03:29	WG2224381
Di-isopropyl ether	U	C3	0.105	0.500	1	02/12/2024 03:29	WG2224381
Ethylbenzene	U		0.137	0.500	1	02/12/2024 03:29	WG2224381
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/12/2024 03:29	WG2224381
Isopropylbenzene	U		0.105	0.500	1	02/12/2024 03:29	WG2224381
p-Isopropyltoluene	U		0.120	0.500	1	02/12/2024 03:29	WG2224381
2-Butanone (MEK)	2.74	J	1.19	5.00	1	02/12/2024 03:29	WG2224381
Methylene Chloride	U		0.430	2.50	1	02/12/2024 03:29	WG2224381
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/12/2024 03:29	WG2224381
Methyl tert-butyl ether	U		0.101	0.500	1	02/12/2024 03:29	WG2224381
Naphthalene	U		0.174	2.50	1	02/12/2024 03:29	WG2224381
n-Propylbenzene	U		0.0993	0.500	1	02/12/2024 03:29	WG2224381
Styrene	U		0.118	0.500	1	02/12/2024 03:29	WG2224381
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/12/2024 03:29	WG2224381
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/12/2024 03:29	WG2224381
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/12/2024 03:29	WG2224381
Tetrachloroethene	U		0.300	0.500	1	02/12/2024 03:29	WG2224381
Toluene	U		0.278	0.500	1	02/12/2024 03:29	WG2224381
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/12/2024 03:29	WG2224381

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	02/12/2024 03:29	WG2224381
1,1,1-Trichloroethane	U		0.149	0.500	1	02/12/2024 03:29	WG2224381
1,1,2-Trichloroethane	U		0.158	0.500	1	02/12/2024 03:29	WG2224381
Trichloroethene	4.60		0.190	0.500	1	02/12/2024 03:29	WG2224381
Trichlorofluoromethane	U		0.160	2.50	1	02/12/2024 03:29	WG2224381
1,2,3-Trichloropropane	U		0.237	2.50	1	02/12/2024 03:29	WG2224381
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/12/2024 03:29	WG2224381
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/12/2024 03:29	WG2224381
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/12/2024 03:29	WG2224381
Vinyl chloride	U		0.234	0.500	1	02/12/2024 03:29	WG2224381
Xylenes, Total	U		0.174	1.50	1	02/12/2024 03:29	WG2224381
(S) Toluene-d8	103			80.0-120		02/12/2024 03:29	WG2224381
(S) 4-Bromofluorobenzene	97.0			77.0-126		02/12/2024 03:29	WG2224381
(S) 1,2-Dichloroethane-d4	104			70.0-130		02/12/2024 03:29	WG2224381

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	253		11.3	25.0	1	02/12/2024 03:47	WG2224381
Acrolein	U	J4	2.54	50.0	1	02/12/2024 03:47	WG2224381
Acrylonitrile	U	C3	0.671	5.00	1	02/12/2024 03:47	WG2224381
Benzene	U		0.0941	0.500	1	02/12/2024 03:47	WG2224381
Bromobenzene	U		0.118	0.500	1	02/12/2024 03:47	WG2224381
Bromodichloromethane	U		0.136	0.500	1	02/12/2024 03:47	WG2224381
Bromoform	U		0.129	0.500	1	02/12/2024 03:47	WG2224381
Bromomethane	U		0.605	2.50	1	02/12/2024 03:47	WG2224381
n-Butylbenzene	U		0.157	0.500	1	02/12/2024 03:47	WG2224381
sec-Butylbenzene	U		0.125	0.500	1	02/12/2024 03:47	WG2224381
tert-Butylbenzene	U		0.127	0.500	1	02/12/2024 03:47	WG2224381
Carbon disulfide	0.116	J	0.0962	0.500	1	02/12/2024 03:47	WG2224381
Carbon tetrachloride	U		0.128	0.500	1	02/12/2024 03:47	WG2224381
Chlorobenzene	U		0.117	0.500	1	02/12/2024 03:47	WG2224381
Chlorodibromomethane	U		0.140	0.500	1	02/12/2024 03:47	WG2224381
Chloroethane	U		0.192	2.50	1	02/12/2024 03:47	WG2224381
Chloroform	0.755		0.111	0.500	1	02/12/2024 03:47	WG2224381
Chloromethane	U	C3	0.960	1.25	1	02/12/2024 03:47	WG2224381
2-Chlorotoluene	U		0.106	0.500	1	02/12/2024 03:47	WG2224381
4-Chlorotoluene	U		0.114	0.500	1	02/12/2024 03:47	WG2224381
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	02/12/2024 03:47	WG2224381
1,2-Dibromoethane	U		0.126	0.500	1	02/12/2024 03:47	WG2224381
Dibromomethane	U		0.122	0.500	1	02/12/2024 03:47	WG2224381
1,2-Dichlorobenzene	U		0.107	0.500	1	02/12/2024 03:47	WG2224381
1,3-Dichlorobenzene	U		0.299	0.500	1	02/12/2024 03:47	WG2224381
1,4-Dichlorobenzene	U		0.120	0.500	1	02/12/2024 03:47	WG2224381
Dichlorodifluoromethane	U		0.374	2.50	1	02/12/2024 03:47	WG2224381
1,1-Dichloroethane	U		0.100	0.500	1	02/12/2024 03:47	WG2224381
1,2-Dichloroethane	U		0.0819	0.500	1	02/12/2024 03:47	WG2224381
1,1-Dichloroethene	U		0.188	0.500	1	02/12/2024 03:47	WG2224381
cis-1,2-Dichloroethene	0.962		0.126	0.500	1	02/12/2024 03:47	WG2224381
trans-1,2-Dichloroethene	U		0.149	0.500	1	02/12/2024 03:47	WG2224381
1,2-Dichloropropane	U		0.149	0.500	1	02/12/2024 03:47	WG2224381
1,1-Dichloropropene	U		0.142	0.500	1	02/12/2024 03:47	WG2224381
1,3-Dichloropropane	U		0.109	1.00	1	02/12/2024 03:47	WG2224381
cis-1,3-Dichloropropene	U		0.111	0.500	1	02/12/2024 03:47	WG2224381
trans-1,3-Dichloropropene	U		0.118	0.500	1	02/12/2024 03:47	WG2224381
2,2-Dichloropropane	U		0.161	0.500	1	02/12/2024 03:47	WG2224381
Di-isopropyl ether	U	C3	0.105	0.500	1	02/12/2024 03:47	WG2224381
Ethylbenzene	U		0.137	0.500	1	02/12/2024 03:47	WG2224381
Hexachloro-1,3-butadiene	U		0.337	1.00	1	02/12/2024 03:47	WG2224381
Isopropylbenzene	U		0.105	0.500	1	02/12/2024 03:47	WG2224381
p-Isopropyltoluene	U		0.120	0.500	1	02/12/2024 03:47	WG2224381
2-Butanone (MEK)	4.60	J	1.19	5.00	1	02/12/2024 03:47	WG2224381
Methylene Chloride	U		0.430	2.50	1	02/12/2024 03:47	WG2224381
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	02/12/2024 03:47	WG2224381
Methyl tert-butyl ether	U		0.101	0.500	1	02/12/2024 03:47	WG2224381
Naphthalene	U		0.174	2.50	1	02/12/2024 03:47	WG2224381
n-Propylbenzene	U		0.0993	0.500	1	02/12/2024 03:47	WG2224381
Styrene	U		0.118	0.500	1	02/12/2024 03:47	WG2224381
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	02/12/2024 03:47	WG2224381
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	02/12/2024 03:47	WG2224381
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	02/12/2024 03:47	WG2224381
Tetrachloroethene	0.562		0.300	0.500	1	02/12/2024 03:47	WG2224381
Toluene	U		0.278	0.500	1	02/12/2024 03:47	WG2224381
1,2,3-Trichlorobenzene	U		0.164	0.500	1	02/12/2024 03:47	WG2224381

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	02/12/2024 03:47	WG2224381
1,1,1-Trichloroethane	U		0.149	0.500	1	02/12/2024 03:47	WG2224381
1,1,2-Trichloroethane	U		0.158	0.500	1	02/12/2024 03:47	WG2224381
Trichloroethene	7.10		0.190	0.500	1	02/12/2024 03:47	WG2224381
Trichlorofluoromethane	U		0.160	2.50	1	02/12/2024 03:47	WG2224381
1,2,3-Trichloropropane	U		0.237	2.50	1	02/12/2024 03:47	WG2224381
1,2,4-Trimethylbenzene	U		0.322	0.500	1	02/12/2024 03:47	WG2224381
1,2,3-Trimethylbenzene	U		0.104	0.500	1	02/12/2024 03:47	WG2224381
1,3,5-Trimethylbenzene	U		0.104	0.500	1	02/12/2024 03:47	WG2224381
Vinyl chloride	U		0.234	0.500	1	02/12/2024 03:47	WG2224381
Xylenes, Total	U		0.174	1.50	1	02/12/2024 03:47	WG2224381
(S) Toluene-d8	107			80.0-120		02/12/2024 03:47	WG2224381
(S) 4-Bromofluorobenzene	92.4			77.0-126		02/12/2024 03:47	WG2224381
(S) 1,2-Dichloroethane-d4	102			70.0-130		02/12/2024 03:47	WG2224381

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4034154-3 02/11/24 11:45

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500
Ethylbenzene	U		0.137	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4034154-3 02/11/24 11:45

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	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	109			80.0-120
(S) 4-Bromofluorobenzene	92.8			77.0-126
(S) 1,2-Dichloroethane-d4	96.3			70.0-130

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4034154-1 02/11/24 10:48 • (LCSD) R4034154-2 02/11/24 11:07

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	30.5	27.5	122	110	19.0-160			10.3	27
Acrolein	25.0	77.5	72.4	310	290	10.0-160	J4	J4	6.80	26
Acrylonitrile	25.0	22.4	19.9	89.6	79.6	55.0-149			11.8	20

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

(LCS) R4034154-1 02/11/24 10:48 • (LCSD) R4034154-2 02/11/24 11:07

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 %
Benzene	5.00	5.07	4.91	101	98.2	70.0-123			3.21	20
Bromobenzene	5.00	4.56	5.21	91.2	104	73.0-121			13.3	20
Bromodichloromethane	5.00	5.03	5.08	101	102	75.0-120			0.989	20
Bromoform	5.00	4.88	4.89	97.6	97.8	68.0-132			0.205	20
Bromomethane	5.00	6.02	5.84	120	117	10.0-160			3.04	25
n-Butylbenzene	5.00	4.81	5.40	96.2	108	73.0-125			11.6	20
sec-Butylbenzene	5.00	4.74	5.48	94.8	110	75.0-125			14.5	20
tert-Butylbenzene	5.00	5.15	5.70	103	114	76.0-124			10.1	20
Carbon disulfide	5.00	5.68	5.32	114	106	61.0-128			6.55	20
Carbon tetrachloride	5.00	5.31	5.26	106	105	68.0-126			0.946	20
Chlorobenzene	5.00	5.14	5.37	103	107	80.0-121			4.38	20
Chlorodibromomethane	5.00	4.97	5.31	99.4	106	77.0-125			6.61	20
Chloroethane	5.00	4.75	4.65	95.0	93.0	47.0-150			2.13	20
Chloroform	5.00	5.06	5.05	101	101	73.0-120			0.198	20
Chloromethane	5.00	3.64	3.56	72.8	71.2	41.0-142			2.22	20
2-Chlorotoluene	5.00	4.86	5.41	97.2	108	76.0-123			10.7	20
4-Chlorotoluene	5.00	4.76	5.43	95.2	109	75.0-122			13.2	20
1,2-Dibromo-3-Chloropropane	5.00	4.91	5.02	98.2	100	58.0-134			2.22	20
1,2-Dibromoethane	5.00	5.08	5.10	102	102	80.0-122			0.393	20
Dibromomethane	5.00	4.83	4.88	96.6	97.6	80.0-120			1.03	20
1,2-Dichlorobenzene	5.00	5.02	5.57	100	111	79.0-121			10.4	20
1,3-Dichlorobenzene	5.00	4.96	5.45	99.2	109	79.0-120			9.41	20
1,4-Dichlorobenzene	5.00	4.96	5.18	99.2	104	79.0-120			4.34	20
Dichlorodifluoromethane	5.00	4.27	4.36	85.4	87.2	51.0-149			2.09	20
1,1-Dichloroethane	5.00	4.75	4.55	95.0	91.0	70.0-126			4.30	20
1,2-Dichloroethane	5.00	4.89	4.55	97.8	91.0	70.0-128			7.20	20
1,1-Dichloroethene	5.00	5.39	5.48	108	110	71.0-124			1.66	20
cis-1,2-Dichloroethene	5.00	5.20	5.10	104	102	73.0-120			1.94	20
trans-1,2-Dichloroethene	5.00	5.22	5.26	104	105	73.0-120			0.763	20
1,2-Dichloropropane	5.00	4.15	4.14	83.0	82.8	77.0-125			0.241	20
1,1-Dichloropropene	5.00	5.04	4.94	101	98.8	74.0-126			2.00	20
1,3-Dichloropropane	5.00	4.95	5.19	99.0	104	80.0-120			4.73	20
cis-1,3-Dichloropropene	5.00	4.81	4.72	96.2	94.4	80.0-123			1.89	20
trans-1,3-Dichloropropene	5.00	4.74	5.10	94.8	102	78.0-124			7.32	20
2,2-Dichloropropane	5.00	6.48	6.60	130	132	58.0-130		J4	1.83	20
Di-isopropyl ether	5.00	4.07	4.03	81.4	80.6	58.0-138			0.988	20
Ethylbenzene	5.00	5.17	5.49	103	110	79.0-123			6.00	20
Hexachloro-1,3-butadiene	5.00	4.83	5.59	96.6	112	54.0-138			14.6	20
Isopropylbenzene	5.00	5.05	5.26	101	105	76.0-127			4.07	20
p-Isopropyltoluene	5.00	5.00	5.66	100	113	76.0-125			12.4	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R4034154-1 02/11/24 10:48 • (LCSD) R4034154-2 02/11/24 11:07

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 %
2-Butanone (MEK)	25.0	23.5	22.5	94.0	90.0	44.0-160			4.35	20
Methylene Chloride	5.00	5.01	4.73	100	94.6	67.0-120			5.75	20
4-Methyl-2-pentanone (MIBK)	25.0	24.0	24.0	96.0	96.0	68.0-142			0.000	20
Methyl tert-butyl ether	5.00	5.00	4.86	100	97.2	68.0-125			2.84	20
Naphthalene	5.00	4.29	4.61	85.8	92.2	54.0-135			7.19	20
n-Propylbenzene	5.00	4.90	5.52	98.0	110	77.0-124			11.9	20
Styrene	5.00	4.56	4.63	91.2	92.6	73.0-130			1.52	20
1,1,1,2-Tetrachloroethane	5.00	5.23	5.25	105	105	75.0-125			0.382	20
1,1,2,2-Tetrachloroethane	5.00	5.38	5.74	108	115	65.0-130			6.47	20
1,1,2-Trichlorotrifluoroethane	5.00	5.20	5.58	104	112	69.0-132			7.05	20
Tetrachloroethene	5.00	5.37	5.43	107	109	72.0-132			1.11	20
Toluene	5.00	4.99	5.13	99.8	103	79.0-120			2.77	20
1,2,3-Trichlorobenzene	5.00	4.26	4.69	85.2	93.8	50.0-138			9.61	20
1,2,4-Trichlorobenzene	5.00	4.59	5.01	91.8	100	57.0-137			8.75	20
1,1,1-Trichloroethane	5.00	5.46	5.49	109	110	73.0-124			0.548	20
1,1,2-Trichloroethane	5.00	5.14	5.26	103	105	80.0-120			2.31	20
Trichloroethene	5.00	5.19	5.10	104	102	78.0-124			1.75	20
Trichlorofluoromethane	5.00	5.28	5.52	106	110	59.0-147			4.44	20
1,2,3-Trichloropropane	5.00	5.12	5.02	102	100	73.0-130			1.97	20
1,2,4-Trimethylbenzene	5.00	4.81	5.24	96.2	105	76.0-121			8.56	20
1,2,3-Trimethylbenzene	5.00	4.70	5.28	94.0	106	77.0-120			11.6	20
1,3,5-Trimethylbenzene	5.00	5.02	5.52	100	110	76.0-122			9.49	20
Vinyl chloride	5.00	4.64	4.51	92.8	90.2	67.0-131			2.84	20
Xylenes, Total	15.0	15.6	16.5	104	110	79.0-123			5.61	20
(S) Toluene-d8				103	105	80.0-120				
(S) 4-Bromofluorobenzene				98.3	95.8	77.0-126				
(S) 1,2-Dichloroethane-d4				96.8	93.9	70.0-130				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4032599-2 02/11/24 23:32

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
Acrolein	U		2.54	50.0
Acrylonitrile	U		0.671	5.00
Benzene	U		0.0941	0.500
Bromobenzene	U		0.118	0.500
Bromodichloromethane	U		0.136	0.500
Bromoform	U		0.129	0.500
Bromomethane	U		0.605	2.50
n-Butylbenzene	U		0.157	0.500
sec-Butylbenzene	U		0.125	0.500
tert-Butylbenzene	U		0.127	0.500
Carbon disulfide	U		0.0962	0.500
Carbon tetrachloride	U		0.128	0.500
Chlorobenzene	U		0.117	0.500
Chlorodibromomethane	U		0.140	0.500
Chloroethane	U		0.192	2.50
Chloroform	U		0.111	0.500
Chloromethane	U		0.960	1.25
2-Chlorotoluene	U		0.106	0.500
4-Chlorotoluene	U		0.114	0.500
1,2-Dibromo-3-Chloropropane	U		0.276	2.50
1,2-Dibromoethane	U		0.126	0.500
Dibromomethane	U		0.122	0.500
1,2-Dichlorobenzene	U		0.107	0.500
1,3-Dichlorobenzene	U		0.299	0.500
1,4-Dichlorobenzene	U		0.120	0.500
Dichlorodifluoromethane	U		0.374	2.50
1,1-Dichloroethane	U		0.100	0.500
1,2-Dichloroethane	U		0.0819	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.126	0.500
trans-1,2-Dichloroethene	U		0.149	0.500
1,2-Dichloropropane	U		0.149	0.500
1,1-Dichloropropene	U		0.142	0.500
1,3-Dichloropropane	U		0.109	1.00
cis-1,3-Dichloropropene	U		0.111	0.500
trans-1,3-Dichloropropene	U		0.118	0.500
2,2-Dichloropropane	U		0.161	0.500
Di-isopropyl ether	U		0.105	0.500
Ethylbenzene	U		0.137	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4032599-2 02/11/24 23:32

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	0.500
p-Isopropyltoluene	U		0.120	0.500
2-Butanone (MEK)	U		1.19	5.00
Methylene Chloride	U		0.430	2.50
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00
Methyl tert-butyl ether	U		0.101	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.0993	0.500
Styrene	U		0.118	0.500
1,1,1,2-Tetrachloroethane	U		0.147	0.500
1,1,2,2-Tetrachloroethane	U		0.133	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.481	1.00
1,1,1-Trichloroethane	U		0.149	0.500
1,1,2-Trichloroethane	U		0.158	0.500
Trichloroethene	U		0.190	0.500
Trichlorofluoromethane	U		0.160	2.50
1,2,3-Trichloropropane	U		0.237	2.50
1,2,4-Trimethylbenzene	U		0.322	0.500
1,2,3-Trimethylbenzene	U		0.104	0.500
1,3,5-Trimethylbenzene	U		0.104	0.500
Vinyl chloride	U		0.234	0.500
Xylenes, Total	U		0.174	1.50
(S) Toluene-d8	107			80.0-120
(S) 4-Bromofluorobenzene	94.3			77.0-126
(S) 1,2-Dichloroethane-d4	96.4			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4032599-1 02/11/24 22:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	27.0	108	19.0-160	
Acrolein	25.0	110	440	10.0-160	J4
Acrylonitrile	25.0	18.9	75.6	55.0-149	

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Laboratory Control Sample (LCS)

(LCS) R4032599-1 02/11/24 22:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	5.00	4.64	92.8	70.0-123	
Bromobenzene	5.00	4.49	89.8	73.0-121	
Bromodichloromethane	5.00	5.18	104	75.0-120	
Bromoform	5.00	5.09	102	68.0-132	
Bromomethane	5.00	5.54	111	10.0-160	
n-Butylbenzene	5.00	4.69	93.8	73.0-125	
sec-Butylbenzene	5.00	4.45	89.0	75.0-125	
tert-Butylbenzene	5.00	4.78	95.6	76.0-124	
Carbon disulfide	5.00	4.72	94.4	61.0-128	
Carbon tetrachloride	5.00	5.18	104	68.0-126	
Chlorobenzene	5.00	4.79	95.8	80.0-121	
Chlorodibromomethane	5.00	4.89	97.8	77.0-125	
Chloroethane	5.00	4.21	84.2	47.0-150	
Chloroform	5.00	4.99	99.8	73.0-120	
Chloromethane	5.00	3.24	64.8	41.0-142	
2-Chlorotoluene	5.00	4.73	94.6	76.0-123	
4-Chlorotoluene	5.00	4.44	88.8	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	4.45	89.0	58.0-134	
1,2-Dibromoethane	5.00	4.89	97.8	80.0-122	
Dibromomethane	5.00	4.59	91.8	80.0-120	
1,2-Dichlorobenzene	5.00	4.83	96.6	79.0-121	
1,3-Dichlorobenzene	5.00	4.75	95.0	79.0-120	
1,4-Dichlorobenzene	5.00	4.95	99.0	79.0-120	
Dichlorodifluoromethane	5.00	3.98	79.6	51.0-149	
1,1-Dichloroethane	5.00	4.49	89.8	70.0-126	
1,2-Dichloroethane	5.00	4.87	97.4	70.0-128	
1,1-Dichloroethene	5.00	4.79	95.8	71.0-124	
cis-1,2-Dichloroethene	5.00	4.67	93.4	73.0-120	
trans-1,2-Dichloroethene	5.00	4.73	94.6	73.0-120	
1,2-Dichloropropane	5.00	3.99	79.8	77.0-125	
1,1-Dichloropropene	5.00	4.66	93.2	74.0-126	
1,3-Dichloropropane	5.00	4.64	92.8	80.0-120	
cis-1,3-Dichloropropene	5.00	4.48	89.6	80.0-123	
trans-1,3-Dichloropropene	5.00	4.78	95.6	78.0-124	
2,2-Dichloropropane	5.00	5.43	109	58.0-130	
Di-isopropyl ether	5.00	3.79	75.8	58.0-138	
Ethylbenzene	5.00	4.96	99.2	79.0-123	
Hexachloro-1,3-butadiene	5.00	4.66	93.2	54.0-138	
Isopropylbenzene	5.00	4.76	95.2	76.0-127	
p-Isopropyltoluene	5.00	4.72	94.4	76.0-125	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Laboratory Control Sample (LCS)

(LCS) R4032599-1 02/11/24 22:36

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2-Butanone (MEK)	25.0	22.3	89.2	44.0-160	
Methylene Chloride	5.00	4.41	88.2	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	22.6	90.4	68.0-142	
Methyl tert-butyl ether	5.00	4.68	93.6	68.0-125	
Naphthalene	5.00	4.01	80.2	54.0-135	
n-Propylbenzene	5.00	4.63	92.6	77.0-124	
Styrene	5.00	4.20	84.0	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.14	103	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	4.95	99.0	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	4.97	99.4	69.0-132	
Tetrachloroethene	5.00	4.78	95.6	72.0-132	
Toluene	5.00	4.63	92.6	79.0-120	
1,2,3-Trichlorobenzene	5.00	4.19	83.8	50.0-138	
1,2,4-Trichlorobenzene	5.00	4.21	84.2	57.0-137	
1,1,1-Trichloroethane	5.00	5.44	109	73.0-124	
1,1,2-Trichloroethane	5.00	4.77	95.4	80.0-120	
Trichloroethene	5.00	4.96	99.2	78.0-124	
Trichlorofluoromethane	5.00	5.23	105	59.0-147	
1,2,3-Trichloropropane	5.00	4.86	97.2	73.0-130	
1,2,4-Trimethylbenzene	5.00	4.27	85.4	76.0-121	
1,2,3-Trimethylbenzene	5.00	4.52	90.4	77.0-120	
1,3,5-Trimethylbenzene	5.00	4.61	92.2	76.0-122	
Vinyl chloride	5.00	4.05	81.0	67.0-131	
Xylenes, Total	15.0	15.0	100	79.0-123	
(S) Toluene-d8			102	80.0-120	
(S) 4-Bromofluorobenzene			97.9	77.0-126	
(S) 1,2-Dichloroethane-d4			104	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4034886-3 02/15/24 16:54

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
(S) Toluene-d8	102			80.0-120
(S) 4-Bromofluorobenzene	92.3			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

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

(LCS) R4034886-1 02/15/24 15:52 • (LCSD) R4034886-2 02/15/24 16:13

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	25.3	25.5	101	102	19.0-160			0.787	27
(S) Toluene-d8				95.8	97.5	80.0-120				
(S) 4-Bromofluorobenzene				89.9	88.8	77.0-126				
(S) 1,2-Dichloroethane-d4				99.7	99.8	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4034762-3 02/15/24 21:22

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	25.0
2-Butanone (MEK)	U		1.19	5.00
(S) Toluene-d8	107			80.0-120
(S) 4-Bromofluorobenzene	99.9			77.0-126
(S) 1,2-Dichloroethane-d4	117			70.0-130

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

(LCS) R4034762-1 02/15/24 20:17 • (LCSD) R4034762-2 02/15/24 20:39

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 %
Acetone	25.0	20.5	22.8	82.0	91.2	19.0-160			10.6	27
2-Butanone (MEK)	25.0	25.2	24.9	101	99.6	44.0-160			1.20	20
(S) Toluene-d8				104	103	80.0-120				
(S) 4-Bromofluorobenzene				100	98.9	77.0-126				
(S) 1,2-Dichloroethane-d4				117	113	70.0-130				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

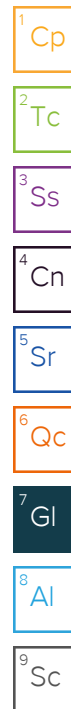
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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.
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.
J4	The associated batch QC was outside the established quality control range for accuracy.



ACCREDITATIONS & LOCATIONS

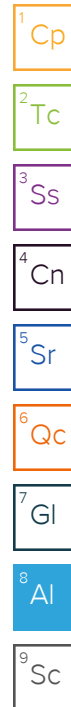
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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.



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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 #

M139

Acctnum: CASCORFOR

Template: T245338

Prelogin: P1049821

PM: 841 - Kelly Mercer

PB: BF 1/26/24

Shipped Via: FedEX Ground

Remarks

Sample # (lab only)

Report to:

Jon laurance

Email To:

jlaurance@geosyntec.com; lhenry@geosyntec.c

Project Description:

Use CASCORFOR-PNG0564!!!!!!!

City/State

Collected: Fairview OR.

Please Circle:

PT MT CT ET

Phone: 503-669-6286

Client Project #

Use CASCORFOR-PNG05

Lab Project #

CASCORFOR-PNG0564S23

Collected by (print):

PAT YADON

Site/Facility ID #

P.O. #

Collected by (signature):

Patrick Yadon

Rush? (Lab MUST Be Notified)

Same Day Five Day

Next Day 5 Day (Rad Only)

Two Day 10 Day (Rad Only)

Three Day * STAN OAKO.

Quote #

Date Results Needed

Immediately

Packed on Ice N Y X

No.
of
Cntrs

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

CMW10ds-020824

GW

2-8-24 11:18

3

X

CMW14Rds-020824

GW

2-8-24 8:48

3

X

CMW17ds-020824

GW

2-8-24 9:10

3

X

CMW17ds-020824-DUP

GW

2-8-24 9:11

3

X

CMW18ds-020824

GW

2-8-24 9:30

3

X

CMW18ds-020824-DUP

GW

2-8-24 9:31

3

X

CMW19ds-020824

GW

2-8-24 11:00

3

X

CMW24dg-020824

GW

2-8-24 10:22

3

X

CMW25dg-020824

GW

2-8-24 10:00

3

X

VMWA-020824

GW

2-8-24 12:30

3

X

* 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 # 7260 2117 1649

Relinquished by: (Signature)

Patrick Yadon

Date:

2-8-24

Time:

16:50

Received by: (Signature)

FedEX

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: DPA 8 Bottles Received: 0.1+0.0.7 72

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Caleb Tapp

Date: 2/9/24 Time: 09:00

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 Headspace: Y N

Preservation Correct/Checked: Y N

RAD Screen <0.5 mR/hr: Y N

Hold:	Condition: NCF / OK
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Remarks	Sample # (lab only)
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