

May 13, 2024

Cascade Corporation- Fairview, OR

Sample Delivery Group: L1732633
Samples Received: 05/03/2024
Project Number: PNG0564S24
Description: Cascade

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

Entire Report Reviewed By:



Kelly Mercer
Project Manager

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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

EW1-050224 L1732633-01 GW

			Collected by Pat Yadon	Collected date/time 05/02/24 10:30	Received date/time 05/03/24 09:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 07:04	05/08/24 07:04	TJJ	Mt. Juliet, TN	

EW2-050224 L1732633-02 GW

			Collected by Pat Yadon	Collected date/time 05/02/24 10:00	Received date/time 05/03/24 09:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 08:22	05/08/24 08:22	TJJ	Mt. Juliet, TN	

EW14-050224 L1732633-03 GW

			Collected by Pat Yadon	Collected date/time 05/02/24 10:12	Received date/time 05/03/24 09:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 08:42	05/08/24 08:42	TJJ	Mt. Juliet, TN	

D17DG-050224 L1732633-04 GW

			Collected by Pat Yadon	Collected date/time 05/02/24 11:00	Received date/time 05/03/24 09:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 09:03	05/08/24 09:03	TJJ	Mt. Juliet, TN	

D17DS-050224 L1732633-05 GW

			Collected by Pat Yadon	Collected date/time 05/02/24 10:50	Received date/time 05/03/24 09:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 09:23	05/08/24 09:23	TJJ	Mt. Juliet, TN	

CMW17DS-050224 L1732633-06 GW

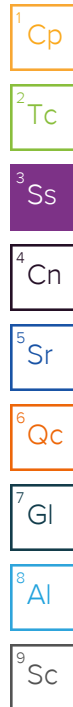
			Collected by Pat Yadon	Collected date/time 05/02/24 10:38	Received date/time 05/03/24 09:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 09:43	05/08/24 09:43	TJJ	Mt. Juliet, TN	

CMW17DS-050224-DUP L1732633-07 GW

			Collected by Pat Yadon	Collected date/time 05/02/24 10:39	Received date/time 05/03/24 09:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 10:04	05/08/24 10:04	TJJ	Mt. Juliet, TN	

CMW18DS-050224 L1732633-08 GW

			Collected by Pat Yadon	Collected date/time 05/02/24 11:22	Received date/time 05/03/24 09:00		
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location	
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 10:24	05/08/24 10:24	TJJ	Mt. Juliet, TN	



SAMPLE SUMMARY

CMW18DS-050224-DUP L1732633-09 GW

				Collected by Pat Yadon	Collected date/time 05/02/24 11:23	Received date/time 05/03/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 10:44	05/08/24 10:44	TJJ	Mt. Juliet, TN

CMW19DS-050224 L1732633-10 GW

				Collected by Pat Yadon	Collected date/time 05/02/24 11:50	Received date/time 05/03/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 11:04	05/08/24 11:04	TJJ	Mt. Juliet, TN

TS-C-EFF-050224 L1732633-11 GW

				Collected by Pat Yadon	Collected date/time 05/02/24 09:30	Received date/time 05/03/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 11:24	05/08/24 11:24	TJJ	Mt. Juliet, TN

TS-C-EFF-050224-DUP L1732633-12 GW

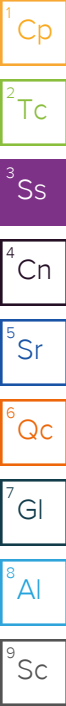
				Collected by Pat Yadon	Collected date/time 05/02/24 09:31	Received date/time 05/03/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 11:45	05/08/24 11:45	TJJ	Mt. Juliet, TN

TS-C-INF-050224 L1732633-13 GW

				Collected by Pat Yadon	Collected date/time 05/02/24 09:40	Received date/time 05/03/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 12:05	05/08/24 12:05	TJJ	Mt. Juliet, TN

TRIP-050224-1 L1732633-14 GW

				Collected by Pat Yadon	Collected date/time 05/02/24 07:00	Received date/time 05/03/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2281626	1	05/08/24 06:44	05/08/24 06:44	TJJ	Mt. Juliet, TN

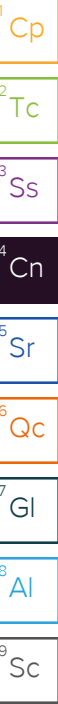


CASE NARRATIVE

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



Kelly Mercer
Project Manager



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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		11.3	25.0	1	05/08/2024 07:04	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 07:04	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 07:04	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 07:04	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 07:04	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 07:04	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 07:04	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 07:04	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 07:04	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 07:04	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 07:04	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 07:04	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 07:04	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 07:04	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 07:04	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 07:04	WG2281626
Chloroform	U		0.111	0.500	1	05/08/2024 07:04	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 07:04	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 07:04	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 07:04	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 07:04	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 07:04	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 07:04	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 07:04	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 07:04	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 07:04	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 07:04	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 07:04	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 07:04	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 07:04	WG2281626
cis-1,2-Dichloroethene	U		0.126	0.500	1	05/08/2024 07:04	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 07:04	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 07:04	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 07:04	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 07:04	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 07:04	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 07:04	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 07:04	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 07:04	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 07:04	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 07:04	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 07:04	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 07:04	WG2281626
2-Butanone (MEK)	U		1.19	5.00	1	05/08/2024 07:04	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 07:04	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 07:04	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 07:04	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 07:04	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 07:04	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 07:04	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 07:04	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 07:04	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 07:04	WG2281626
Tetrachloroethene	U		0.300	0.500	1	05/08/2024 07:04	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 07:04	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 07:04	WG2281626

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	05/08/2024 07:04	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 07:04	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 07:04	WG2281626
Trichloroethene	1.20		0.190	0.500	1	05/08/2024 07:04	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 07:04	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 07:04	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 07:04	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 07:04	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 07:04	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 07:04	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 07:04	WG2281626
(S) Toluene-d8	99.7			80.0-120		05/08/2024 07:04	WG2281626
(S) 4-Bromofluorobenzene	95.9			77.0-126		05/08/2024 07:04	WG2281626
(S) 1,2-Dichloroethane-d4	103			70.0-130		05/08/2024 07:04	WG2281626

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	05/08/2024 08:22	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 08:22	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 08:22	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 08:22	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 08:22	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 08:22	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 08:22	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 08:22	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 08:22	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 08:22	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 08:22	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 08:22	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 08:22	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 08:22	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 08:22	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 08:22	WG2281626
Chloroform	0.333	J	0.111	0.500	1	05/08/2024 08:22	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 08:22	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 08:22	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 08:22	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 08:22	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 08:22	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 08:22	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 08:22	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 08:22	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 08:22	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 08:22	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 08:22	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 08:22	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 08:22	WG2281626
cis-1,2-Dichloroethene	0.730		0.126	0.500	1	05/08/2024 08:22	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 08:22	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 08:22	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 08:22	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 08:22	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 08:22	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 08:22	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 08:22	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 08:22	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 08:22	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 08:22	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 08:22	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 08:22	WG2281626
2-Butanone (MEK)	U		1.19	5.00	1	05/08/2024 08:22	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 08:22	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 08:22	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 08:22	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 08:22	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 08:22	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 08:22	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 08:22	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 08:22	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 08:22	WG2281626
Tetrachloroethene	U		0.300	0.500	1	05/08/2024 08:22	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 08:22	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 08:22	WG2281626

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	05/08/2024 08:22	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 08:22	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 08:22	WG2281626
Trichloroethene	7.82		0.190	0.500	1	05/08/2024 08:22	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 08:22	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 08:22	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 08:22	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 08:22	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 08:22	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 08:22	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 08:22	WG2281626
(S) Toluene-d8	95.7			80.0-120		05/08/2024 08:22	WG2281626
(S) 4-Bromofluorobenzene	96.1			77.0-126		05/08/2024 08:22	WG2281626
(S) 1,2-Dichloroethane-d4	100			70.0-130		05/08/2024 08:22	WG2281626

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	05/08/2024 08:42	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 08:42	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 08:42	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 08:42	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 08:42	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 08:42	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 08:42	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 08:42	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 08:42	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 08:42	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 08:42	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 08:42	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 08:42	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 08:42	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 08:42	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 08:42	WG2281626
Chloroform	U		0.111	0.500	1	05/08/2024 08:42	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 08:42	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 08:42	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 08:42	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 08:42	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 08:42	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 08:42	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 08:42	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 08:42	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 08:42	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 08:42	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 08:42	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 08:42	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 08:42	WG2281626
cis-1,2-Dichloroethene	0.526		0.126	0.500	1	05/08/2024 08:42	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 08:42	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 08:42	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 08:42	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 08:42	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 08:42	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 08:42	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 08:42	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 08:42	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 08:42	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 08:42	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 08:42	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 08:42	WG2281626
2-Butanone (MEK)	U		1.19	5.00	1	05/08/2024 08:42	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 08:42	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 08:42	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 08:42	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 08:42	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 08:42	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 08:42	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 08:42	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 08:42	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 08:42	WG2281626
Tetrachloroethene	U		0.300	0.500	1	05/08/2024 08:42	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 08:42	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 08:42	WG2281626

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	05/08/2024 08:42	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 08:42	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 08:42	WG2281626
Trichloroethene	4.88		0.190	0.500	1	05/08/2024 08:42	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 08:42	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 08:42	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 08:42	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 08:42	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 08:42	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 08:42	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 08:42	WG2281626
(S) Toluene-d8	97.9			80.0-120		05/08/2024 08:42	WG2281626
(S) 4-Bromofluorobenzene	95.8			77.0-126		05/08/2024 08:42	WG2281626
(S) 1,2-Dichloroethane-d4	101			70.0-130		05/08/2024 08:42	WG2281626

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	13.5	J	11.3	25.0	1	05/08/2024 09:03	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 09:03	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 09:03	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 09:03	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 09:03	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 09:03	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 09:03	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 09:03	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 09:03	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 09:03	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 09:03	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 09:03	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 09:03	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 09:03	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 09:03	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 09:03	WG2281626
Chloroform	U		0.111	0.500	1	05/08/2024 09:03	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 09:03	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 09:03	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 09:03	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 09:03	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 09:03	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 09:03	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 09:03	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 09:03	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 09:03	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 09:03	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 09:03	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 09:03	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 09:03	WG2281626
cis-1,2-Dichloroethene	U		0.126	0.500	1	05/08/2024 09:03	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 09:03	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 09:03	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 09:03	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 09:03	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 09:03	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 09:03	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 09:03	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 09:03	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 09:03	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 09:03	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 09:03	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 09:03	WG2281626
2-Butanone (MEK)	U		1.19	5.00	1	05/08/2024 09:03	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 09:03	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 09:03	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 09:03	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 09:03	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 09:03	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 09:03	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 09:03	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 09:03	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 09:03	WG2281626
Tetrachloroethene	U		0.300	0.500	1	05/08/2024 09:03	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 09:03	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 09:03	WG2281626

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	05/08/2024 09:03	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 09:03	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 09:03	WG2281626
Trichloroethene	1.90		0.190	0.500	1	05/08/2024 09:03	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 09:03	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 09:03	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 09:03	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 09:03	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 09:03	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 09:03	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 09:03	WG2281626
(S) Toluene-d8	96.8			80.0-120		05/08/2024 09:03	WG2281626
(S) 4-Bromofluorobenzene	93.8			77.0-126		05/08/2024 09:03	WG2281626
(S) 1,2-Dichloroethane-d4	102			70.0-130		05/08/2024 09:03	WG2281626

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	29.6	C5	11.3	25.0	1	05/08/2024 09:23	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 09:23	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 09:23	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 09:23	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 09:23	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 09:23	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 09:23	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 09:23	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 09:23	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 09:23	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 09:23	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 09:23	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 09:23	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 09:23	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 09:23	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 09:23	WG2281626
Chloroform	U		0.111	0.500	1	05/08/2024 09:23	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 09:23	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 09:23	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 09:23	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 09:23	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 09:23	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 09:23	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 09:23	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 09:23	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 09:23	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 09:23	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 09:23	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 09:23	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 09:23	WG2281626
cis-1,2-Dichloroethene	11.9		0.126	0.500	1	05/08/2024 09:23	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 09:23	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 09:23	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 09:23	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 09:23	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 09:23	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 09:23	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 09:23	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 09:23	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 09:23	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 09:23	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 09:23	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 09:23	WG2281626
2-Butanone (MEK)	U		1.19	5.00	1	05/08/2024 09:23	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 09:23	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 09:23	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 09:23	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 09:23	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 09:23	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 09:23	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 09:23	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 09:23	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 09:23	WG2281626
Tetrachloroethene	1.13		0.300	0.500	1	05/08/2024 09:23	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 09:23	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 09:23	WG2281626

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

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	05/08/2024 09:23	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 09:23	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 09:23	WG2281626
Trichloroethene	52.2		0.190	0.500	1	05/08/2024 09:23	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 09:23	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 09:23	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 09:23	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 09:23	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 09:23	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 09:23	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 09:23	WG2281626
(S) Toluene-d8	96.9			80.0-120		05/08/2024 09:23	WG2281626
(S) 4-Bromofluorobenzene	92.7			77.0-126		05/08/2024 09:23	WG2281626
(S) 1,2-Dichloroethane-d4	101			70.0-130		05/08/2024 09:23	WG2281626

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	284	C5	11.3	25.0	1	05/08/2024 09:43	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 09:43	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 09:43	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 09:43	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 09:43	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 09:43	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 09:43	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 09:43	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 09:43	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 09:43	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 09:43	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 09:43	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 09:43	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 09:43	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 09:43	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 09:43	WG2281626
Chloroform	0.741		0.111	0.500	1	05/08/2024 09:43	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 09:43	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 09:43	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 09:43	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 09:43	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 09:43	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 09:43	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 09:43	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 09:43	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 09:43	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 09:43	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 09:43	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 09:43	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 09:43	WG2281626
cis-1,2-Dichloroethene	2.84		0.126	0.500	1	05/08/2024 09:43	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 09:43	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 09:43	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 09:43	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 09:43	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 09:43	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 09:43	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 09:43	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 09:43	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 09:43	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 09:43	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 09:43	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 09:43	WG2281626
2-Butanone (MEK)	2.15	J	1.19	5.00	1	05/08/2024 09:43	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 09:43	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 09:43	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 09:43	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 09:43	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 09:43	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 09:43	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 09:43	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 09:43	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 09:43	WG2281626
Tetrachloroethene	1.23		0.300	0.500	1	05/08/2024 09:43	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 09:43	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 09:43	WG2281626

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	05/08/2024 09:43	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 09:43	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 09:43	WG2281626
Trichloroethene	21.8		0.190	0.500	1	05/08/2024 09:43	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 09:43	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 09:43	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 09:43	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 09:43	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 09:43	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 09:43	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 09:43	WG2281626
(S) Toluene-d8	97.6			80.0-120		05/08/2024 09:43	WG2281626
(S) 4-Bromofluorobenzene	94.1			77.0-126		05/08/2024 09:43	WG2281626
(S) 1,2-Dichloroethane-d4	103			70.0-130		05/08/2024 09:43	WG2281626

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	281	C5	11.3	25.0	1	05/08/2024 10:04	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 10:04	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 10:04	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 10:04	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 10:04	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 10:04	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 10:04	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 10:04	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 10:04	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 10:04	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 10:04	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 10:04	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 10:04	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 10:04	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 10:04	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 10:04	WG2281626
Chloroform	0.768		0.111	0.500	1	05/08/2024 10:04	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 10:04	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 10:04	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 10:04	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 10:04	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 10:04	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 10:04	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 10:04	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 10:04	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 10:04	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 10:04	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 10:04	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 10:04	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 10:04	WG2281626
cis-1,2-Dichloroethene	2.60		0.126	0.500	1	05/08/2024 10:04	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 10:04	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 10:04	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 10:04	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 10:04	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 10:04	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 10:04	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 10:04	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 10:04	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 10:04	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 10:04	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 10:04	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 10:04	WG2281626
2-Butanone (MEK)	2.12	J	1.19	5.00	1	05/08/2024 10:04	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 10:04	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 10:04	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 10:04	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 10:04	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 10:04	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 10:04	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 10:04	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 10:04	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 10:04	WG2281626
Tetrachloroethene	1.15		0.300	0.500	1	05/08/2024 10:04	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 10:04	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 10:04	WG2281626

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	05/08/2024 10:04	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 10:04	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 10:04	WG2281626
Trichloroethene	20.6		0.190	0.500	1	05/08/2024 10:04	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 10:04	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 10:04	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 10:04	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 10:04	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 10:04	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 10:04	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 10:04	WG2281626
(S) Toluene-d8	97.2			80.0-120		05/08/2024 10:04	WG2281626
(S) 4-Bromofluorobenzene	96.7			77.0-126		05/08/2024 10:04	WG2281626
(S) 1,2-Dichloroethane-d4	103			70.0-130		05/08/2024 10:04	WG2281626

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	544	C5	11.3	25.0	1	05/08/2024 10:24	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 10:24	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 10:24	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 10:24	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 10:24	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 10:24	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 10:24	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 10:24	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 10:24	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 10:24	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 10:24	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 10:24	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 10:24	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 10:24	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 10:24	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 10:24	WG2281626
Chloroform	0.255	J	0.111	0.500	1	05/08/2024 10:24	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 10:24	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 10:24	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 10:24	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 10:24	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 10:24	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 10:24	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 10:24	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 10:24	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 10:24	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 10:24	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 10:24	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 10:24	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 10:24	WG2281626
cis-1,2-Dichloroethene	9.59		0.126	0.500	1	05/08/2024 10:24	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 10:24	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 10:24	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 10:24	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 10:24	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 10:24	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 10:24	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 10:24	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 10:24	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 10:24	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 10:24	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 10:24	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 10:24	WG2281626
2-Butanone (MEK)	7.14	C5	1.19	5.00	1	05/08/2024 10:24	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 10:24	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 10:24	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 10:24	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 10:24	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 10:24	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 10:24	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 10:24	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 10:24	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 10:24	WG2281626
Tetrachloroethene	1.93		0.300	0.500	1	05/08/2024 10:24	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 10:24	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 10:24	WG2281626

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	05/08/2024 10:24	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 10:24	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 10:24	WG2281626
Trichloroethene	62.5		0.190	0.500	1	05/08/2024 10:24	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 10:24	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 10:24	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 10:24	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 10:24	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 10:24	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 10:24	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 10:24	WG2281626
(S) Toluene-d8	99.3			80.0-120		05/08/2024 10:24	WG2281626
(S) 4-Bromofluorobenzene	94.3			77.0-126		05/08/2024 10:24	WG2281626
(S) 1,2-Dichloroethane-d4	105			70.0-130		05/08/2024 10:24	WG2281626

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	537	C5	11.3	25.0	1	05/08/2024 10:44	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 10:44	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 10:44	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 10:44	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 10:44	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 10:44	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 10:44	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 10:44	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 10:44	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 10:44	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 10:44	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 10:44	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 10:44	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 10:44	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 10:44	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 10:44	WG2281626
Chloroform	U		0.111	0.500	1	05/08/2024 10:44	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 10:44	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 10:44	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 10:44	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 10:44	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 10:44	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 10:44	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 10:44	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 10:44	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 10:44	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 10:44	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 10:44	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 10:44	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 10:44	WG2281626
cis-1,2-Dichloroethene	9.66		0.126	0.500	1	05/08/2024 10:44	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 10:44	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 10:44	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 10:44	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 10:44	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 10:44	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 10:44	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 10:44	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 10:44	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 10:44	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 10:44	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 10:44	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 10:44	WG2281626
2-Butanone (MEK)	6.67	C5	1.19	5.00	1	05/08/2024 10:44	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 10:44	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 10:44	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 10:44	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 10:44	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 10:44	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 10:44	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 10:44	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 10:44	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 10:44	WG2281626
Tetrachloroethene	2.12		0.300	0.500	1	05/08/2024 10:44	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 10:44	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 10:44	WG2281626

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	05/08/2024 10:44	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 10:44	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 10:44	WG2281626
Trichloroethene	62.2		0.190	0.500	1	05/08/2024 10:44	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 10:44	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 10:44	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 10:44	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 10:44	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 10:44	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 10:44	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 10:44	WG2281626
(S) Toluene-d8	96.9			80.0-120		05/08/2024 10:44	WG2281626
(S) 4-Bromofluorobenzene	95.6			77.0-126		05/08/2024 10:44	WG2281626
(S) 1,2-Dichloroethane-d4	102			70.0-130		05/08/2024 10:44	WG2281626

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	482	C5	11.3	25.0	1	05/08/2024 11:04	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 11:04	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 11:04	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 11:04	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 11:04	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 11:04	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 11:04	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 11:04	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 11:04	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 11:04	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 11:04	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 11:04	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 11:04	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 11:04	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 11:04	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 11:04	WG2281626
Chloroform	U		0.111	0.500	1	05/08/2024 11:04	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 11:04	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 11:04	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 11:04	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 11:04	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 11:04	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 11:04	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 11:04	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 11:04	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 11:04	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 11:04	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 11:04	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 11:04	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 11:04	WG2281626
cis-1,2-Dichloroethene	U		0.126	0.500	1	05/08/2024 11:04	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 11:04	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 11:04	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 11:04	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 11:04	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 11:04	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 11:04	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 11:04	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 11:04	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 11:04	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 11:04	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 11:04	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 11:04	WG2281626
2-Butanone (MEK)	3.77	J	1.19	5.00	1	05/08/2024 11:04	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 11:04	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 11:04	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 11:04	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 11:04	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 11:04	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 11:04	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 11:04	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 11:04	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 11:04	WG2281626
Tetrachloroethene	U		0.300	0.500	1	05/08/2024 11:04	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 11:04	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 11:04	WG2281626

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	05/08/2024 11:04	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 11:04	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 11:04	WG2281626
Trichloroethene	U		0.190	0.500	1	05/08/2024 11:04	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 11:04	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 11:04	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 11:04	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 11:04	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 11:04	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 11:04	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 11:04	WG2281626
(S) Toluene-d8	96.9			80.0-120		05/08/2024 11:04	WG2281626
(S) 4-Bromofluorobenzene	93.4			77.0-126		05/08/2024 11:04	WG2281626
(S) 1,2-Dichloroethane-d4	105			70.0-130		05/08/2024 11:04	WG2281626

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

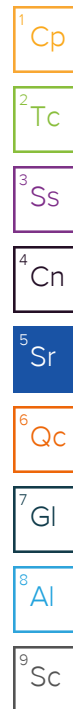
7Gl

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	05/08/2024 11:24	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 11:24	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 11:24	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 11:24	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 11:24	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 11:24	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 11:24	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 11:24	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 11:24	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 11:24	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 11:24	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 11:24	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 11:24	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 11:24	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 11:24	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 11:24	WG2281626
Chloroform	U		0.111	0.500	1	05/08/2024 11:24	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 11:24	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 11:24	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 11:24	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 11:24	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 11:24	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 11:24	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 11:24	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 11:24	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 11:24	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 11:24	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 11:24	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 11:24	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 11:24	WG2281626
cis-1,2-Dichloroethene	U		0.126	0.500	1	05/08/2024 11:24	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 11:24	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 11:24	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 11:24	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 11:24	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 11:24	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 11:24	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 11:24	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 11:24	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 11:24	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 11:24	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 11:24	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 11:24	WG2281626
2-Butanone (MEK)	U		1.19	5.00	1	05/08/2024 11:24	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 11:24	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 11:24	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 11:24	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 11:24	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 11:24	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 11:24	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 11:24	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 11:24	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 11:24	WG2281626
Tetrachloroethene	U		0.300	0.500	1	05/08/2024 11:24	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 11:24	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 11:24	WG2281626



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	05/08/2024 11:24	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 11:24	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 11:24	WG2281626
Trichloroethene	U		0.190	0.500	1	05/08/2024 11:24	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 11:24	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 11:24	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 11:24	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 11:24	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 11:24	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 11:24	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 11:24	WG2281626
(S) Toluene-d8	102			80.0-120		05/08/2024 11:24	WG2281626
(S) 4-Bromofluorobenzene	96.5			77.0-126		05/08/2024 11:24	WG2281626
(S) 1,2-Dichloroethane-d4	103			70.0-130		05/08/2024 11:24	WG2281626

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	05/08/2024 11:45	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 11:45	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 11:45	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 11:45	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 11:45	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 11:45	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 11:45	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 11:45	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 11:45	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 11:45	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 11:45	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 11:45	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 11:45	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 11:45	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 11:45	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 11:45	WG2281626
Chloroform	U		0.111	0.500	1	05/08/2024 11:45	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 11:45	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 11:45	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 11:45	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 11:45	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 11:45	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 11:45	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 11:45	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 11:45	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 11:45	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 11:45	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 11:45	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 11:45	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 11:45	WG2281626
cis-1,2-Dichloroethene	U		0.126	0.500	1	05/08/2024 11:45	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 11:45	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 11:45	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 11:45	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 11:45	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 11:45	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 11:45	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 11:45	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 11:45	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 11:45	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 11:45	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 11:45	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 11:45	WG2281626
2-Butanone (MEK)	U		1.19	5.00	1	05/08/2024 11:45	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 11:45	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 11:45	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 11:45	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 11:45	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 11:45	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 11:45	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 11:45	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 11:45	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 11:45	WG2281626
Tetrachloroethene	U		0.300	0.500	1	05/08/2024 11:45	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 11:45	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 11:45	WG2281626

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.481	1.00	1	05/08/2024 11:45	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 11:45	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 11:45	WG2281626
Trichloroethene	U		0.190	0.500	1	05/08/2024 11:45	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 11:45	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 11:45	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 11:45	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 11:45	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 11:45	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 11:45	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 11:45	WG2281626
(S) Toluene-d8	98.9			80.0-120		05/08/2024 11:45	WG2281626
(S) 4-Bromofluorobenzene	94.2			77.0-126		05/08/2024 11:45	WG2281626
(S) 1,2-Dichloroethane-d4	102			70.0-130		05/08/2024 11:45	WG2281626

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	05/08/2024 12:05	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 12:05	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 12:05	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 12:05	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 12:05	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 12:05	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 12:05	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 12:05	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 12:05	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 12:05	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 12:05	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 12:05	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 12:05	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 12:05	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 12:05	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 12:05	WG2281626
Chloroform	U		0.111	0.500	1	05/08/2024 12:05	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 12:05	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 12:05	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 12:05	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 12:05	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 12:05	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 12:05	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 12:05	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 12:05	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 12:05	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 12:05	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 12:05	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 12:05	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 12:05	WG2281626
cis-1,2-Dichloroethene	0.636		0.126	0.500	1	05/08/2024 12:05	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 12:05	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 12:05	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 12:05	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 12:05	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 12:05	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 12:05	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 12:05	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 12:05	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 12:05	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 12:05	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 12:05	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 12:05	WG2281626
2-Butanone (MEK)	U		1.19	5.00	1	05/08/2024 12:05	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 12:05	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 12:05	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 12:05	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 12:05	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 12:05	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 12:05	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 12:05	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 12:05	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 12:05	WG2281626
Tetrachloroethene	0.460	J	0.300	0.500	1	05/08/2024 12:05	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 12:05	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 12:05	WG2281626

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	05/08/2024 12:05	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 12:05	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 12:05	WG2281626
Trichloroethene	5.88		0.190	0.500	1	05/08/2024 12:05	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 12:05	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 12:05	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 12:05	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 12:05	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 12:05	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 12:05	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 12:05	WG2281626
(S) Toluene-d8	99.2			80.0-120		05/08/2024 12:05	WG2281626
(S) 4-Bromofluorobenzene	96.6			77.0-126		05/08/2024 12:05	WG2281626
(S) 1,2-Dichloroethane-d4	100			70.0-130		05/08/2024 12:05	WG2281626

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	05/08/2024 06:44	WG2281626
Acrolein	U		2.54	50.0	1	05/08/2024 06:44	WG2281626
Acrylonitrile	U		0.671	5.00	1	05/08/2024 06:44	WG2281626
Benzene	U		0.0941	0.500	1	05/08/2024 06:44	WG2281626
Bromobenzene	U		0.118	0.500	1	05/08/2024 06:44	WG2281626
Bromodichloromethane	U		0.136	0.500	1	05/08/2024 06:44	WG2281626
Bromoform	U		0.129	0.500	1	05/08/2024 06:44	WG2281626
Bromomethane	U		0.605	2.50	1	05/08/2024 06:44	WG2281626
n-Butylbenzene	U		0.157	0.500	1	05/08/2024 06:44	WG2281626
sec-Butylbenzene	U		0.125	0.500	1	05/08/2024 06:44	WG2281626
tert-Butylbenzene	U		0.127	0.500	1	05/08/2024 06:44	WG2281626
Carbon disulfide	U		0.0962	0.500	1	05/08/2024 06:44	WG2281626
Carbon tetrachloride	U		0.128	0.500	1	05/08/2024 06:44	WG2281626
Chlorobenzene	U		0.117	0.500	1	05/08/2024 06:44	WG2281626
Chlorodibromomethane	U		0.140	0.500	1	05/08/2024 06:44	WG2281626
Chloroethane	U		0.192	2.50	1	05/08/2024 06:44	WG2281626
Chloroform	U		0.111	0.500	1	05/08/2024 06:44	WG2281626
Chloromethane	U		0.960	1.25	1	05/08/2024 06:44	WG2281626
2-Chlorotoluene	U		0.106	0.500	1	05/08/2024 06:44	WG2281626
4-Chlorotoluene	U		0.114	0.500	1	05/08/2024 06:44	WG2281626
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	05/08/2024 06:44	WG2281626
1,2-Dibromoethane	U		0.126	0.500	1	05/08/2024 06:44	WG2281626
Dibromomethane	U		0.122	0.500	1	05/08/2024 06:44	WG2281626
1,2-Dichlorobenzene	U		0.107	0.500	1	05/08/2024 06:44	WG2281626
1,3-Dichlorobenzene	U		0.299	0.500	1	05/08/2024 06:44	WG2281626
1,4-Dichlorobenzene	U		0.120	0.500	1	05/08/2024 06:44	WG2281626
Dichlorodifluoromethane	U		0.374	2.50	1	05/08/2024 06:44	WG2281626
1,1-Dichloroethane	U		0.100	0.500	1	05/08/2024 06:44	WG2281626
1,2-Dichloroethane	U		0.0819	0.500	1	05/08/2024 06:44	WG2281626
1,1-Dichloroethene	U		0.188	0.500	1	05/08/2024 06:44	WG2281626
cis-1,2-Dichloroethene	U		0.126	0.500	1	05/08/2024 06:44	WG2281626
trans-1,2-Dichloroethene	U		0.149	0.500	1	05/08/2024 06:44	WG2281626
1,2-Dichloropropane	U		0.149	0.500	1	05/08/2024 06:44	WG2281626
1,1-Dichloropropene	U		0.142	0.500	1	05/08/2024 06:44	WG2281626
1,3-Dichloropropane	U		0.109	1.00	1	05/08/2024 06:44	WG2281626
cis-1,3-Dichloropropene	U		0.111	0.500	1	05/08/2024 06:44	WG2281626
trans-1,3-Dichloropropene	U		0.118	0.500	1	05/08/2024 06:44	WG2281626
2,2-Dichloropropane	U		0.161	0.500	1	05/08/2024 06:44	WG2281626
Di-isopropyl ether	U		0.105	0.500	1	05/08/2024 06:44	WG2281626
Ethylbenzene	U		0.137	0.500	1	05/08/2024 06:44	WG2281626
Hexachloro-1,3-butadiene	U		0.337	1.00	1	05/08/2024 06:44	WG2281626
Isopropylbenzene	U		0.105	0.500	1	05/08/2024 06:44	WG2281626
p-Isopropyltoluene	U		0.120	0.500	1	05/08/2024 06:44	WG2281626
2-Butanone (MEK)	U		1.19	5.00	1	05/08/2024 06:44	WG2281626
Methylene Chloride	U		0.430	2.50	1	05/08/2024 06:44	WG2281626
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	05/08/2024 06:44	WG2281626
Methyl tert-butyl ether	U		0.101	0.500	1	05/08/2024 06:44	WG2281626
Naphthalene	U		0.174	2.50	1	05/08/2024 06:44	WG2281626
n-Propylbenzene	U		0.0993	0.500	1	05/08/2024 06:44	WG2281626
Styrene	U		0.118	0.500	1	05/08/2024 06:44	WG2281626
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	05/08/2024 06:44	WG2281626
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	05/08/2024 06:44	WG2281626
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	05/08/2024 06:44	WG2281626
Tetrachloroethene	U		0.300	0.500	1	05/08/2024 06:44	WG2281626
Toluene	U		0.278	0.500	1	05/08/2024 06:44	WG2281626
1,2,3-Trichlorobenzene	U		0.164	0.500	1	05/08/2024 06:44	WG2281626

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	05/08/2024 06:44	WG2281626
1,1,1-Trichloroethane	U		0.149	0.500	1	05/08/2024 06:44	WG2281626
1,1,2-Trichloroethane	U		0.158	0.500	1	05/08/2024 06:44	WG2281626
Trichloroethene	U		0.190	0.500	1	05/08/2024 06:44	WG2281626
Trichlorofluoromethane	U		0.160	2.50	1	05/08/2024 06:44	WG2281626
1,2,3-Trichloropropane	U		0.237	2.50	1	05/08/2024 06:44	WG2281626
1,2,4-Trimethylbenzene	U		0.322	0.500	1	05/08/2024 06:44	WG2281626
1,2,3-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 06:44	WG2281626
1,3,5-Trimethylbenzene	U		0.104	0.500	1	05/08/2024 06:44	WG2281626
Vinyl chloride	U		0.234	0.500	1	05/08/2024 06:44	WG2281626
Xylenes, Total	U		0.174	1.50	1	05/08/2024 06:44	WG2281626
(S) Toluene-d8	99.2			80.0-120		05/08/2024 06:44	WG2281626
(S) 4-Bromofluorobenzene	95.9			77.0-126		05/08/2024 06:44	WG2281626
(S) 1,2-Dichloroethane-d4	104			70.0-130		05/08/2024 06:44	WG2281626

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4067690-2 05/08/24 06:24

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) R4067690-2 05/08/24 06:24

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	99.3			80.0-120
(S) 4-Bromofluorobenzene	95.2			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4067690-1 05/08/24 05:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	25.0	32.0	128	19.0-160	
Acrolein	25.0	29.3	117	10.0-160	
Acrylonitrile	25.0	30.4	122	55.0-149	

Laboratory Control Sample (LCS)

(LCS) R4067690-1 05/08/24 05:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	5.00	5.45	109	70.0-123	
Bromobenzene	5.00	4.84	96.8	73.0-121	
Bromodichloromethane	5.00	5.15	103	75.0-120	
Bromoform	5.00	5.04	101	68.0-132	
Bromomethane	5.00	4.45	89.0	10.0-160	
n-Butylbenzene	5.00	4.91	98.2	73.0-125	
sec-Butylbenzene	5.00	5.30	106	75.0-125	
tert-Butylbenzene	5.00	5.17	103	76.0-124	
Carbon disulfide	5.00	5.24	105	61.0-128	
Carbon tetrachloride	5.00	5.69	114	68.0-126	
Chlorobenzene	5.00	5.51	110	80.0-121	
Chlorodibromomethane	5.00	5.29	106	77.0-125	
Chloroethane	5.00	6.07	121	47.0-150	
Chloroform	5.00	5.59	112	73.0-120	
Chloromethane	5.00	6.07	121	41.0-142	
2-Chlorotoluene	5.00	5.09	102	76.0-123	
4-Chlorotoluene	5.00	4.93	98.6	75.0-122	
1,2-Dibromo-3-Chloropropane	5.00	4.53	90.6	58.0-134	
1,2-Dibromoethane	5.00	5.52	110	80.0-122	
Dibromomethane	5.00	5.38	108	80.0-120	
1,2-Dichlorobenzene	5.00	5.14	103	79.0-121	
1,3-Dichlorobenzene	5.00	5.26	105	79.0-120	
1,4-Dichlorobenzene	5.00	5.35	107	79.0-120	
Dichlorodifluoromethane	5.00	5.15	103	51.0-149	
1,1-Dichloroethane	5.00	5.69	114	70.0-126	
1,2-Dichloroethane	5.00	5.97	119	70.0-128	
1,1-Dichloroethene	5.00	5.34	107	71.0-124	
cis-1,2-Dichloroethene	5.00	5.44	109	73.0-120	
trans-1,2-Dichloroethene	5.00	5.30	106	73.0-120	
1,2-Dichloropropane	5.00	6.03	121	77.0-125	
1,1-Dichloropropene	5.00	5.59	112	74.0-126	
1,3-Dichloropropane	5.00	5.48	110	80.0-120	
cis-1,3-Dichloropropene	5.00	5.36	107	80.0-123	
trans-1,3-Dichloropropene	5.00	5.68	114	78.0-124	
2,2-Dichloropropane	5.00	5.10	102	58.0-130	
Di-isopropyl ether	5.00	6.41	128	58.0-138	
Ethylbenzene	5.00	5.42	108	79.0-123	
Hexachloro-1,3-butadiene	5.00	5.53	111	54.0-138	
Isopropylbenzene	5.00	5.28	106	76.0-127	
p-Isopropyltoluene	5.00	5.19	104	76.0-125	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Laboratory Control Sample (LCS)

(LCS) R4067690-1 05/08/24 05:43

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2-Butanone (MEK)	25.0	30.4	122	44.0-160	
Methylene Chloride	5.00	5.57	111	67.0-120	
4-Methyl-2-pentanone (MIBK)	25.0	31.0	124	68.0-142	
Methyl tert-butyl ether	5.00	5.37	107	68.0-125	
Naphthalene	5.00	4.62	92.4	54.0-135	
n-Propylbenzene	5.00	5.08	102	77.0-124	
Styrene	5.00	5.21	104	73.0-130	
1,1,1,2-Tetrachloroethane	5.00	5.39	108	75.0-125	
1,1,2,2-Tetrachloroethane	5.00	5.28	106	65.0-130	
1,1,2-Trichlorotrifluoroethane	5.00	5.39	108	69.0-132	
Tetrachloroethene	5.00	5.79	116	72.0-132	
Toluene	5.00	5.37	107	79.0-120	
1,2,3-Trichlorobenzene	5.00	5.24	105	50.0-138	
1,2,4-Trichlorobenzene	5.00	5.15	103	57.0-137	
1,1,1-Trichloroethane	5.00	5.67	113	73.0-124	
1,1,2-Trichloroethane	5.00	5.01	100	80.0-120	
Trichloroethene	5.00	5.69	114	78.0-124	
Trichlorofluoromethane	5.00	6.09	122	59.0-147	
1,2,3-Trichloropropane	5.00	5.48	110	73.0-130	
1,2,4-Trimethylbenzene	5.00	5.04	101	76.0-121	
1,2,3-Trimethylbenzene	5.00	4.95	99.0	77.0-120	
1,3,5-Trimethylbenzene	5.00	5.06	101	76.0-122	
Vinyl chloride	5.00	6.47	129	67.0-131	
Xylenes, Total	15.0	15.9	106	79.0-123	
(S) Toluene-d8			94.7	80.0-120	
(S) 4-Bromofluorobenzene			92.6	77.0-126	
(S) 1,2-Dichloroethane-d4			104	70.0-130	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

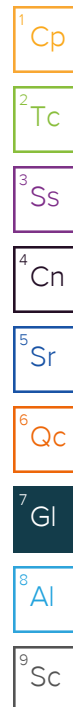
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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
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.



ACCREDITATIONS & LOCATIONS

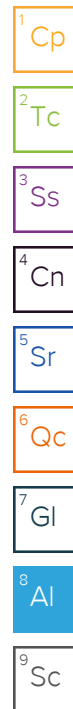
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

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.



Cascade Corporation- Fairview, OR

2201 NE 201st Avenue
Fairview, OR 97024-9718Accounts Payable
P.O. Box 20187
Portland, OR 97294-0187Pres
Chk

Report to:

James.Dahl / Jodi Lockhart

Email To:

CBartlett@Geosyntec.com;James.Dahl@cascorp

Project Description:

Cascade

City/State

Collected: Fairview OR 97024

Please Circle:

PT MT CT ET

Phone: 503-669-6286

Client Project #

PNG0564524

Lab Project #

Collected by (print):

PAT YADON

Site/Facility ID #

P.O. #

Collected by (signature):

Patricia Yodon

Rush? (Lab MUST Be Notified)

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

Quote #

Date Results Needed

Immediately

Packed on Ice N ☐ Y ☒No.
of
Cntrs

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

EW1-050224

GW

5/2/24

10:30

3

EW2-050224

GW

5/2/24

10:00

3

EW14-050224

GW

5/2/24

10:12

3

DI7DG-050224

GW

5/2/24

11:00

3

DI7DS-050224

GW

5/2/24

10:50

3

CMW17DS-050224

GW

5/2/24

10:38

3

CMW17DS-050224-DUP

GW

5/2/24

10:39

3

CMW18DS-050224

GW

5/2/24

11:22

3

CMW18DS-050224-DUP

GW

5/2/24

11:23

3

CMW19DS-050224

GW

5/2/24

11:50

3

* Matrix:

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

Remarks:

*TRIP-050224-1 in cooler

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Tracking # 7354 4548 8728

Relinquished by: (Signature)

Patricia Yodon

Date:

5/2/24

Time:

18:00

Received by: (Signature)

FOD EX

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 24.6°C Bottles Received: 0.1+0.1=0.2 39

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

CHAMBER STEVENSON

Date: 5-3-24 Time: 9:00

Hold:

Condition:

NCF / OK



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 #

D026

Acctnum: CASCORFOR

Template: T251347

Prelogin: P1069948

PM: 841 - Kelly Mercer

PB: LM 4/20/24

Shipped Via: FedEX Ground

Remarks

Sample # (lab only)

Sample Receipt Checklist

COC Seal Present/Intact: ☒ Y ☐ NCOC Signed/Accurate: ☒ Y ☐ NBottles arrive intact: ☒ Y ☐ NCorrect bottles used: ☒ Y ☐ NSufficient volume sent: ☒ Y ☐ N

If Applicable

VOA Zero Headspace: ☐ Y ☒ NPreservation Correct/Checked: ☐ Y ☒ NRAD Screen <0.5 mR/hr: ☒ Y ☐ N

Cascade Corporation- Fairview, OR

2201 NE 201st Avenue
Fairview, OR 97024-9718Accounts Payable
P.O. Box 20187
Portland, OR 97294-0187Pres
Chk

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>Report to:
James.Dahl / Jodi LockhartEmail To:
CBartlett@Geosyntec.com;James.Dahl@cascorpProject Description:
CascadeCity/State
Collected: Fairview OR 97024Please Circle:
(PT) MT CT ET

Phone: 503-669-6286

Client Project #
PNG0564524

Lab Project #

Collected by (print):
PAT YADON

Site/Facility ID #

P.O. #

Collected by (signature):
Patricia Yodon

Rush? (Lab MUST Be Notified)

☐ Same Day ☐ Five Day
☐ Next Day ☐ 5 Day (Rad Only)
☐ Two Day ☐ 10 Day (Rad Only)
☐ Three Day ☒ *STANDARD

Quote #

Date Results Needed

Immediately
Packed on Ice N ☐ Y ☒No.
of
Cntrs

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

TS-C-EFF-050224

GW

5/2/24

9:30

3

TS-C-EFF-050224 Dup

GW

5/2/24

9:31

3

TS-C-INF-050224

GW

5/2/24

9:40

3

TRIP-050224-1

GW

5/2/24

7:00

1

GW

GW

GW

GW

GW

GW

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Tracking #

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes/No

HCL/ MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 17.8°C Bottles Received: 21-0.1-0.2 39

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 5-3-24 Time: 9:00

Hold:

Condition:
NCF / OK

Sample Receipt Checklist

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

V8260LL 40mlamb-HCl