

Cascade Corporation- Fairview, OR

Sample Delivery Group: L1426444
Samples Received: 11/03/2021
Project Number: PNG0564S21
Description: Cascade TSA

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

Entire Report Reviewed By:



Brian Ford
Project Manager

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TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	5
Sr: Sample Results	6
EW1-110221 L1426444-01	6
EW2-110221 L1426444-02	8
EW14-110221 L1426444-03	10
D17DG-110221 L1426444-04	12
D17DS-110221 L1426444-05	14
EW12-110221 L1426444-06	16
CMW10DS-110221 L1426444-07	18
CMW10DS-110221-DUP L1426444-08	20
CMW18DS-110221 L1426444-09	22
CMW17DS-110221 L1426444-10	24
CMW19DS-110221 L1426444-11	26
TRIP BLANK LOT #472 L1426444-13	28
Qc: Quality Control Summary	30
Volatile Organic Compounds (GC/MS) by Method 8260D	30
Gl: Glossary of Terms	38
Al: Accreditations & Locations	39
Sc: Sample Chain of Custody	40

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

SAMPLE SUMMARY

EW1-110221 L1426444-01 GW

				Collected by Pat Yadon	Collected date/time 11/02/21 14:05	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769441	1	11/05/21 20:56	11/05/21 20:56	JAH	Mt. Juliet, TN

EW2-110221 L1426444-02 GW

				Collected by Pat Yadon	Collected date/time 11/02/21 13:50	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769441	1	11/05/21 21:16	11/05/21 21:16	JAH	Mt. Juliet, TN

EW14-110221 L1426444-03 GW

				Collected by Pat Yadon	Collected date/time 11/02/21 14:50	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769441	1	11/05/21 21:36	11/05/21 21:36	JAH	Mt. Juliet, TN

D17DG-110221 L1426444-04 GW

				Collected by Pat Yadon	Collected date/time 11/02/21 14:30	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769740	1	11/06/21 00:18	11/06/21 00:18	JAH	Mt. Juliet, TN

D17DS-110221 L1426444-05 GW

				Collected by Pat Yadon	Collected date/time 11/02/21 14:40	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769740	1	11/06/21 00:39	11/06/21 00:39	JAH	Mt. Juliet, TN

EW12-110221 L1426444-06 GW

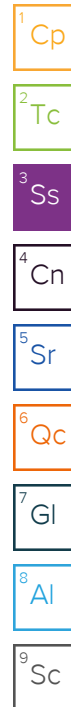
				Collected by Pat Yadon	Collected date/time 11/02/21 15:00	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769740	1	11/06/21 00:59	11/06/21 00:59	JAH	Mt. Juliet, TN

CMW10DS-110221 L1426444-07 GW

				Collected by Pat Yadon	Collected date/time 11/02/21 15:50	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769740	1	11/06/21 01:19	11/06/21 01:19	JAH	Mt. Juliet, TN

CMW10DS-110221-DUP L1426444-08 GW

				Collected by Pat Yadon	Collected date/time 11/02/21 15:51	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769740	1	11/06/21 01:39	11/06/21 01:39	JAH	Mt. Juliet, TN



SAMPLE SUMMARY

CMW18DS-110221 L1426444-09 GW

				Collected by Pat Yadon	Collected date/time 11/02/21 12:30	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769740	1	11/06/21 02:00	11/06/21 02:00	JAH	Mt. Juliet, TN

CMW17DS-110221 L1426444-10 GW

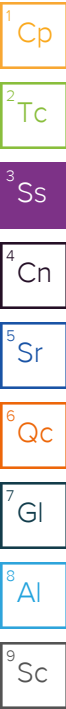
				Collected by Pat Yadon	Collected date/time 11/02/21 12:50	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769740	1	11/06/21 02:20	11/06/21 02:20	JAH	Mt. Juliet, TN

CMW19DS-110221 L1426444-11 GW

				Collected by Pat Yadon	Collected date/time 11/02/21 15:30	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769740	1	11/06/21 02:40	11/06/21 02:40	JAH	Mt. Juliet, TN

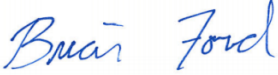
TRIP BLANK LOT #472 L1426444-13 GW

				Collected by Pat Yadon	Collected date/time 11/02/21 00:00	Received date/time 11/03/21 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1769441	1	11/05/21 16:13	11/05/21 16:13	JAH	Mt. Juliet, TN

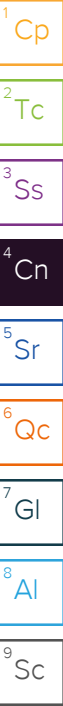


CASE NARRATIVE

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

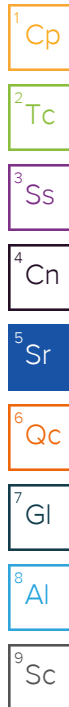


Brian Ford
Project Manager



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	11/05/2021 20:56	WG1769441
Acrolein	U		2.54	50.0	1	11/05/2021 20:56	WG1769441
Acrylonitrile	U		0.671	5.00	1	11/05/2021 20:56	WG1769441
Benzene	U		0.0941	0.500	1	11/05/2021 20:56	WG1769441
Bromobenzene	U		0.118	0.500	1	11/05/2021 20:56	WG1769441
Bromodichloromethane	U		0.136	0.500	1	11/05/2021 20:56	WG1769441
Bromoform	U		0.129	0.500	1	11/05/2021 20:56	WG1769441
Bromomethane	U		0.605	2.50	1	11/05/2021 20:56	WG1769441
n-Butylbenzene	U		0.157	0.500	1	11/05/2021 20:56	WG1769441
sec-Butylbenzene	U		0.125	0.500	1	11/05/2021 20:56	WG1769441
tert-Butylbenzene	U		0.127	0.500	1	11/05/2021 20:56	WG1769441
Carbon disulfide	U		0.0962	0.500	1	11/05/2021 20:56	WG1769441
Carbon tetrachloride	U		0.128	0.500	1	11/05/2021 20:56	WG1769441
Chlorobenzene	U		0.117	0.500	1	11/05/2021 20:56	WG1769441
Chlorodibromomethane	U		0.140	0.500	1	11/05/2021 20:56	WG1769441
Chloroethane	U		0.192	2.50	1	11/05/2021 20:56	WG1769441
Chloroform	0.246	J	0.111	0.500	1	11/05/2021 20:56	WG1769441
Chloromethane	U		0.960	1.25	1	11/05/2021 20:56	WG1769441
2-Chlorotoluene	U		0.106	0.500	1	11/05/2021 20:56	WG1769441
4-Chlorotoluene	U		0.114	0.500	1	11/05/2021 20:56	WG1769441
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/05/2021 20:56	WG1769441
1,2-Dibromoethane	U		0.126	0.500	1	11/05/2021 20:56	WG1769441
Dibromomethane	U		0.122	0.500	1	11/05/2021 20:56	WG1769441
1,2-Dichlorobenzene	U		0.107	0.500	1	11/05/2021 20:56	WG1769441
1,3-Dichlorobenzene	U		0.299	0.500	1	11/05/2021 20:56	WG1769441
1,4-Dichlorobenzene	U		0.120	0.500	1	11/05/2021 20:56	WG1769441
Dichlorodifluoromethane	U		0.374	2.50	1	11/05/2021 20:56	WG1769441
1,1-Dichloroethane	U		0.100	0.500	1	11/05/2021 20:56	WG1769441
1,2-Dichloroethane	U		0.0819	0.500	1	11/05/2021 20:56	WG1769441
1,1-Dichloroethene	U		0.188	0.500	1	11/05/2021 20:56	WG1769441
cis-1,2-Dichloroethene	U		0.126	0.500	1	11/05/2021 20:56	WG1769441
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/05/2021 20:56	WG1769441
1,2-Dichloropropane	U	J3	0.149	0.500	1	11/05/2021 20:56	WG1769441
1,1-Dichloropropene	U		0.142	0.500	1	11/05/2021 20:56	WG1769441
1,3-Dichloropropane	U		0.109	1.00	1	11/05/2021 20:56	WG1769441
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/05/2021 20:56	WG1769441
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/05/2021 20:56	WG1769441
2,2-Dichloropropane	U	C3	0.161	0.500	1	11/05/2021 20:56	WG1769441
Di-isopropyl ether	U		0.105	0.500	1	11/05/2021 20:56	WG1769441
Ethylbenzene	U		0.137	0.500	1	11/05/2021 20:56	WG1769441
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/05/2021 20:56	WG1769441
Isopropylbenzene	U		0.105	0.500	1	11/05/2021 20:56	WG1769441
p-Isopropyltoluene	U		0.120	0.500	1	11/05/2021 20:56	WG1769441
2-Butanone (MEK)	U		1.19	5.00	1	11/05/2021 20:56	WG1769441
Methylene Chloride	U		0.430	2.50	1	11/05/2021 20:56	WG1769441
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/05/2021 20:56	WG1769441
Methyl tert-butyl ether	U		0.101	0.500	1	11/05/2021 20:56	WG1769441
Naphthalene	U		0.174	2.50	1	11/05/2021 20:56	WG1769441
n-Propylbenzene	U		0.0993	0.500	1	11/05/2021 20:56	WG1769441
Styrene	U		0.118	0.500	1	11/05/2021 20:56	WG1769441
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/05/2021 20:56	WG1769441
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	11/05/2021 20:56	WG1769441
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/05/2021 20:56	WG1769441
Tetrachloroethene	U		0.300	0.500	1	11/05/2021 20:56	WG1769441
Toluene	U		0.278	0.500	1	11/05/2021 20:56	WG1769441
1,2,3-Trichlorobenzene	U		0.164	0.500	1	11/05/2021 20:56	WG1769441



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	11/05/2021 20:56	WG1769441
1,1,1-Trichloroethane	U		0.149	0.500	1	11/05/2021 20:56	WG1769441
1,1,2-Trichloroethane	U		0.158	0.500	1	11/05/2021 20:56	WG1769441
Trichloroethene	U		0.190	0.500	1	11/05/2021 20:56	WG1769441
Trichlorofluoromethane	U		0.160	2.50	1	11/05/2021 20:56	WG1769441
1,2,3-Trichloropropane	U		0.237	2.50	1	11/05/2021 20:56	WG1769441
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/05/2021 20:56	WG1769441
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/05/2021 20:56	WG1769441
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/05/2021 20:56	WG1769441
Vinyl chloride	U		0.234	0.500	1	11/05/2021 20:56	WG1769441
Xylenes, Total	U		0.174	1.50	1	11/05/2021 20:56	WG1769441
(S) Toluene-d8	112			80.0-120		11/05/2021 20:56	WG1769441
(S) 4-Bromofluorobenzene	96.0			77.0-126		11/05/2021 20:56	WG1769441
(S) 1,2-Dichloroethane-d4	97.5			70.0-130		11/05/2021 20:56	WG1769441

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	11/05/2021 21:16	WG1769441
Acrolein	U		2.54	50.0	1	11/05/2021 21:16	WG1769441
Acrylonitrile	U		0.671	5.00	1	11/05/2021 21:16	WG1769441
Benzene	U		0.0941	0.500	1	11/05/2021 21:16	WG1769441
Bromobenzene	U		0.118	0.500	1	11/05/2021 21:16	WG1769441
Bromodichloromethane	U		0.136	0.500	1	11/05/2021 21:16	WG1769441
Bromoform	U		0.129	0.500	1	11/05/2021 21:16	WG1769441
Bromomethane	U		0.605	2.50	1	11/05/2021 21:16	WG1769441
n-Butylbenzene	U		0.157	0.500	1	11/05/2021 21:16	WG1769441
sec-Butylbenzene	U		0.125	0.500	1	11/05/2021 21:16	WG1769441
tert-Butylbenzene	U		0.127	0.500	1	11/05/2021 21:16	WG1769441
Carbon disulfide	U		0.0962	0.500	1	11/05/2021 21:16	WG1769441
Carbon tetrachloride	U		0.128	0.500	1	11/05/2021 21:16	WG1769441
Chlorobenzene	U		0.117	0.500	1	11/05/2021 21:16	WG1769441
Chlorodibromomethane	U		0.140	0.500	1	11/05/2021 21:16	WG1769441
Chloroethane	U		0.192	2.50	1	11/05/2021 21:16	WG1769441
Chloroform	0.325	J	0.111	0.500	1	11/05/2021 21:16	WG1769441
Chloromethane	U		0.960	1.25	1	11/05/2021 21:16	WG1769441
2-Chlorotoluene	U		0.106	0.500	1	11/05/2021 21:16	WG1769441
4-Chlorotoluene	U		0.114	0.500	1	11/05/2021 21:16	WG1769441
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/05/2021 21:16	WG1769441
1,2-Dibromoethane	U		0.126	0.500	1	11/05/2021 21:16	WG1769441
Dibromomethane	U		0.122	0.500	1	11/05/2021 21:16	WG1769441
1,2-Dichlorobenzene	U		0.107	0.500	1	11/05/2021 21:16	WG1769441
1,3-Dichlorobenzene	U		0.299	0.500	1	11/05/2021 21:16	WG1769441
1,4-Dichlorobenzene	U		0.120	0.500	1	11/05/2021 21:16	WG1769441
Dichlorodifluoromethane	U		0.374	2.50	1	11/05/2021 21:16	WG1769441
1,1-Dichloroethane	U		0.100	0.500	1	11/05/2021 21:16	WG1769441
1,2-Dichloroethane	U		0.0819	0.500	1	11/05/2021 21:16	WG1769441
1,1-Dichloroethene	U		0.188	0.500	1	11/05/2021 21:16	WG1769441
cis-1,2-Dichloroethene	0.673		0.126	0.500	1	11/05/2021 21:16	WG1769441
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/05/2021 21:16	WG1769441
1,2-Dichloropropane	U	J3	0.149	0.500	1	11/05/2021 21:16	WG1769441
1,1-Dichloropropene	U		0.142	0.500	1	11/05/2021 21:16	WG1769441
1,3-Dichloropropane	U		0.109	1.00	1	11/05/2021 21:16	WG1769441
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/05/2021 21:16	WG1769441
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/05/2021 21:16	WG1769441
2,2-Dichloropropane	U	C3	0.161	0.500	1	11/05/2021 21:16	WG1769441
Di-isopropyl ether	U		0.105	0.500	1	11/05/2021 21:16	WG1769441
Ethylbenzene	U		0.137	0.500	1	11/05/2021 21:16	WG1769441
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/05/2021 21:16	WG1769441
Isopropylbenzene	U		0.105	0.500	1	11/05/2021 21:16	WG1769441
p-Isopropyltoluene	U		0.120	0.500	1	11/05/2021 21:16	WG1769441
2-Butanone (MEK)	U		1.19	5.00	1	11/05/2021 21:16	WG1769441
Methylene Chloride	U		0.430	2.50	1	11/05/2021 21:16	WG1769441
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/05/2021 21:16	WG1769441
Methyl tert-butyl ether	U		0.101	0.500	1	11/05/2021 21:16	WG1769441
Naphthalene	U		0.174	2.50	1	11/05/2021 21:16	WG1769441
n-Propylbenzene	U		0.0993	0.500	1	11/05/2021 21:16	WG1769441
Styrene	U		0.118	0.500	1	11/05/2021 21:16	WG1769441
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/05/2021 21:16	WG1769441
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	11/05/2021 21:16	WG1769441
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/05/2021 21:16	WG1769441
Tetrachloroethene	0.702		0.300	0.500	1	11/05/2021 21:16	WG1769441
Toluene	U		0.278	0.500	1	11/05/2021 21:16	WG1769441
1,2,3-Trichlorobenzene	U		0.164	0.500	1	11/05/2021 21:16	WG1769441

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	11/05/2021 21:16	WG1769441
1,1,1-Trichloroethane	U		0.149	0.500	1	11/05/2021 21:16	WG1769441
1,1,2-Trichloroethane	U		0.158	0.500	1	11/05/2021 21:16	WG1769441
Trichloroethene	8.86		0.190	0.500	1	11/05/2021 21:16	WG1769441
Trichlorofluoromethane	U		0.160	2.50	1	11/05/2021 21:16	WG1769441
1,2,3-Trichloropropane	U		0.237	2.50	1	11/05/2021 21:16	WG1769441
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/05/2021 21:16	WG1769441
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/05/2021 21:16	WG1769441
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/05/2021 21:16	WG1769441
Vinyl chloride	U		0.234	0.500	1	11/05/2021 21:16	WG1769441
Xylenes, Total	U		0.174	1.50	1	11/05/2021 21:16	WG1769441
(S) Toluene-d8	111			80.0-120		11/05/2021 21:16	WG1769441
(S) 4-Bromofluorobenzene	97.2			77.0-126		11/05/2021 21:16	WG1769441
(S) 1,2-Dichloroethane-d4	96.8			70.0-130		11/05/2021 21:16	WG1769441

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

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	11/05/2021 21:36	WG1769441
Acrolein	U		2.54	50.0	1	11/05/2021 21:36	WG1769441
Acrylonitrile	U		0.671	5.00	1	11/05/2021 21:36	WG1769441
Benzene	U		0.0941	0.500	1	11/05/2021 21:36	WG1769441
Bromobenzene	U		0.118	0.500	1	11/05/2021 21:36	WG1769441
Bromodichloromethane	U		0.136	0.500	1	11/05/2021 21:36	WG1769441
Bromoform	U		0.129	0.500	1	11/05/2021 21:36	WG1769441
Bromomethane	U		0.605	2.50	1	11/05/2021 21:36	WG1769441
n-Butylbenzene	U		0.157	0.500	1	11/05/2021 21:36	WG1769441
sec-Butylbenzene	U		0.125	0.500	1	11/05/2021 21:36	WG1769441
tert-Butylbenzene	U		0.127	0.500	1	11/05/2021 21:36	WG1769441
Carbon disulfide	U		0.0962	0.500	1	11/05/2021 21:36	WG1769441
Carbon tetrachloride	U		0.128	0.500	1	11/05/2021 21:36	WG1769441
Chlorobenzene	U		0.117	0.500	1	11/05/2021 21:36	WG1769441
Chlorodibromomethane	U		0.140	0.500	1	11/05/2021 21:36	WG1769441
Chloroethane	U		0.192	2.50	1	11/05/2021 21:36	WG1769441
Chloroform	0.141	J	0.111	0.500	1	11/05/2021 21:36	WG1769441
Chloromethane	U		0.960	1.25	1	11/05/2021 21:36	WG1769441
2-Chlorotoluene	U		0.106	0.500	1	11/05/2021 21:36	WG1769441
4-Chlorotoluene	U		0.114	0.500	1	11/05/2021 21:36	WG1769441
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/05/2021 21:36	WG1769441
1,2-Dibromoethane	U		0.126	0.500	1	11/05/2021 21:36	WG1769441
Dibromomethane	U		0.122	0.500	1	11/05/2021 21:36	WG1769441
1,2-Dichlorobenzene	U		0.107	0.500	1	11/05/2021 21:36	WG1769441
1,3-Dichlorobenzene	U		0.299	0.500	1	11/05/2021 21:36	WG1769441
1,4-Dichlorobenzene	U		0.120	0.500	1	11/05/2021 21:36	WG1769441
Dichlorodifluoromethane	U		0.374	2.50	1	11/05/2021 21:36	WG1769441
1,1-Dichloroethane	U		0.100	0.500	1	11/05/2021 21:36	WG1769441
1,2-Dichloroethane	U		0.0819	0.500	1	11/05/2021 21:36	WG1769441
1,1-Dichloroethene	U		0.188	0.500	1	11/05/2021 21:36	WG1769441
cis-1,2-Dichloroethene	0.756		0.126	0.500	1	11/05/2021 21:36	WG1769441
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/05/2021 21:36	WG1769441
1,2-Dichloropropane	U	J3	0.149	0.500	1	11/05/2021 21:36	WG1769441
1,1-Dichloropropene	U		0.142	0.500	1	11/05/2021 21:36	WG1769441
1,3-Dichloropropane	U		0.109	1.00	1	11/05/2021 21:36	WG1769441
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/05/2021 21:36	WG1769441
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/05/2021 21:36	WG1769441
2,2-Dichloropropane	U	C3	0.161	0.500	1	11/05/2021 21:36	WG1769441
Di-isopropyl ether	U		0.105	0.500	1	11/05/2021 21:36	WG1769441
Ethylbenzene	U		0.137	0.500	1	11/05/2021 21:36	WG1769441
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/05/2021 21:36	WG1769441
Isopropylbenzene	U		0.105	0.500	1	11/05/2021 21:36	WG1769441
p-Isopropyltoluene	U		0.120	0.500	1	11/05/2021 21:36	WG1769441
2-Butanone (MEK)	U		1.19	5.00	1	11/05/2021 21:36	WG1769441
Methylene Chloride	U		0.430	2.50	1	11/05/2021 21:36	WG1769441
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/05/2021 21:36	WG1769441
Methyl tert-butyl ether	U		0.101	0.500	1	11/05/2021 21:36	WG1769441
Naphthalene	U		0.174	2.50	1	11/05/2021 21:36	WG1769441
n-Propylbenzene	U		0.0993	0.500	1	11/05/2021 21:36	WG1769441
Styrene	U		0.118	0.500	1	11/05/2021 21:36	WG1769441
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/05/2021 21:36	WG1769441
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	11/05/2021 21:36	WG1769441
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/05/2021 21:36	WG1769441
Tetrachloroethene	0.358	J	0.300	0.500	1	11/05/2021 21:36	WG1769441
Toluene	U		0.278	0.500	1	11/05/2021 21:36	WG1769441
1,2,3-Trichlorobenzene	U		0.164	0.500	1	11/05/2021 21:36	WG1769441

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

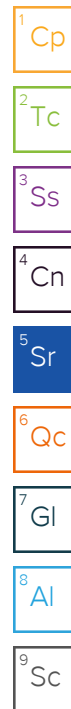
7 Gl

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	11/05/2021 21:36	WG1769441
1,1,1-Trichloroethane	U		0.149	0.500	1	11/05/2021 21:36	WG1769441
1,1,2-Trichloroethane	U		0.158	0.500	1	11/05/2021 21:36	WG1769441
Trichloroethene	6.43		0.190	0.500	1	11/05/2021 21:36	WG1769441
Trichlorofluoromethane	U		0.160	2.50	1	11/05/2021 21:36	WG1769441
1,2,3-Trichloropropane	U		0.237	2.50	1	11/05/2021 21:36	WG1769441
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/05/2021 21:36	WG1769441
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/05/2021 21:36	WG1769441
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/05/2021 21:36	WG1769441
Vinyl chloride	U		0.234	0.500	1	11/05/2021 21:36	WG1769441
Xylenes, Total	U		0.174	1.50	1	11/05/2021 21:36	WG1769441
(S) Toluene-d8	105			80.0-120		11/05/2021 21:36	WG1769441
(S) 4-Bromofluorobenzene	92.3			77.0-126		11/05/2021 21:36	WG1769441
(S) 1,2-Dichloroethane-d4	95.4			70.0-130		11/05/2021 21:36	WG1769441



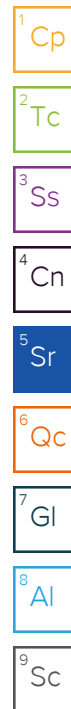
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	36.5		11.3	25.0	1	11/06/2021 00:18	WG1769740
Acrolein	U		2.54	50.0	1	11/06/2021 00:18	WG1769740
Acrylonitrile	U		0.671	5.00	1	11/06/2021 00:18	WG1769740
Benzene	U		0.0941	0.500	1	11/06/2021 00:18	WG1769740
Bromobenzene	U		0.118	0.500	1	11/06/2021 00:18	WG1769740
Bromodichloromethane	U		0.136	0.500	1	11/06/2021 00:18	WG1769740
Bromoform	U		0.129	0.500	1	11/06/2021 00:18	WG1769740
Bromomethane	U		0.605	2.50	1	11/06/2021 00:18	WG1769740
n-Butylbenzene	U		0.157	0.500	1	11/06/2021 00:18	WG1769740
sec-Butylbenzene	U		0.125	0.500	1	11/06/2021 00:18	WG1769740
tert-Butylbenzene	U		0.127	0.500	1	11/06/2021 00:18	WG1769740
Carbon disulfide	U		0.0962	0.500	1	11/06/2021 00:18	WG1769740
Carbon tetrachloride	U		0.128	0.500	1	11/06/2021 00:18	WG1769740
Chlorobenzene	U		0.117	0.500	1	11/06/2021 00:18	WG1769740
Chlorodibromomethane	U		0.140	0.500	1	11/06/2021 00:18	WG1769740
Chloroethane	U		0.192	2.50	1	11/06/2021 00:18	WG1769740
Chloroform	U		0.111	0.500	1	11/06/2021 00:18	WG1769740
Chloromethane	U		0.960	1.25	1	11/06/2021 00:18	WG1769740
2-Chlorotoluene	U		0.106	0.500	1	11/06/2021 00:18	WG1769740
4-Chlorotoluene	U		0.114	0.500	1	11/06/2021 00:18	WG1769740
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/06/2021 00:18	WG1769740
1,2-Dibromoethane	U		0.126	0.500	1	11/06/2021 00:18	WG1769740
Dibromomethane	U		0.122	0.500	1	11/06/2021 00:18	WG1769740
1,2-Dichlorobenzene	U		0.107	0.500	1	11/06/2021 00:18	WG1769740
1,3-Dichlorobenzene	U		0.299	0.500	1	11/06/2021 00:18	WG1769740
1,4-Dichlorobenzene	U		0.120	0.500	1	11/06/2021 00:18	WG1769740
Dichlorodifluoromethane	U		0.374	2.50	1	11/06/2021 00:18	WG1769740
1,1-Dichloroethane	U		0.100	0.500	1	11/06/2021 00:18	WG1769740
1,2-Dichloroethane	U		0.0819	0.500	1	11/06/2021 00:18	WG1769740
1,1-Dichloroethene	U		0.188	0.500	1	11/06/2021 00:18	WG1769740
cis-1,2-Dichloroethene	0.724		0.126	0.500	1	11/06/2021 00:18	WG1769740
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/06/2021 00:18	WG1769740
1,2-Dichloropropane	U		0.149	0.500	1	11/06/2021 00:18	WG1769740
1,1-Dichloropropene	U		0.142	0.500	1	11/06/2021 00:18	WG1769740
1,3-Dichloropropane	U		0.109	1.00	1	11/06/2021 00:18	WG1769740
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/06/2021 00:18	WG1769740
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/06/2021 00:18	WG1769740
2,2-Dichloropropane	U	J3 J4	0.161	0.500	1	11/06/2021 00:18	WG1769740
Di-isopropyl ether	U		0.105	0.500	1	11/06/2021 00:18	WG1769740
Ethylbenzene	U		0.137	0.500	1	11/06/2021 00:18	WG1769740
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/06/2021 00:18	WG1769740
Isopropylbenzene	U		0.105	0.500	1	11/06/2021 00:18	WG1769740
p-Isopropyltoluene	U		0.120	0.500	1	11/06/2021 00:18	WG1769740
2-Butanone (MEK)	U		1.19	5.00	1	11/06/2021 00:18	WG1769740
Methylene Chloride	U		0.430	2.50	1	11/06/2021 00:18	WG1769740
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/06/2021 00:18	WG1769740
Methyl tert-butyl ether	U		0.101	0.500	1	11/06/2021 00:18	WG1769740
Naphthalene	U	C3	0.174	2.50	1	11/06/2021 00:18	WG1769740
n-Propylbenzene	U		0.0993	0.500	1	11/06/2021 00:18	WG1769740
Styrene	U		0.118	0.500	1	11/06/2021 00:18	WG1769740
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/06/2021 00:18	WG1769740
1,1,2,2-Tetrachloroethane	U	J3	0.133	0.500	1	11/06/2021 00:18	WG1769740
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/06/2021 00:18	WG1769740
Tetrachloroethene	U		0.300	0.500	1	11/06/2021 00:18	WG1769740
Toluene	U		0.278	0.500	1	11/06/2021 00:18	WG1769740
1,2,3-Trichlorobenzene	U	C3	0.164	0.500	1	11/06/2021 00:18	WG1769740

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	11/06/2021 00:18	WG1769740
1,1,1-Trichloroethane	U		0.149	0.500	1	11/06/2021 00:18	WG1769740
1,1,2-Trichloroethane	U		0.158	0.500	1	11/06/2021 00:18	WG1769740
Trichloroethene	4.47	J3 J4	0.190	0.500	1	11/06/2021 00:18	WG1769740
Trichlorofluoromethane	U		0.160	2.50	1	11/06/2021 00:18	WG1769740
1,2,3-Trichloropropane	U		0.237	2.50	1	11/06/2021 00:18	WG1769740
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/06/2021 00:18	WG1769740
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 00:18	WG1769740
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 00:18	WG1769740
Vinyl chloride	U		0.234	0.500	1	11/06/2021 00:18	WG1769740
Xylenes, Total	U		0.174	1.50	1	11/06/2021 00:18	WG1769740
(S) Toluene-d8	108			80.0-120		11/06/2021 00:18	WG1769740
(S) 4-Bromofluorobenzene	91.6			77.0-126		11/06/2021 00:18	WG1769740
(S) 1,2-Dichloroethane-d4	96.3			70.0-130		11/06/2021 00:18	WG1769740



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	21.6	J	11.3	25.0	1	11/06/2021 00:39	WG1769740
Acrolein	U		2.54	50.0	1	11/06/2021 00:39	WG1769740
Acrylonitrile	U		0.671	5.00	1	11/06/2021 00:39	WG1769740
Benzene	U		0.0941	0.500	1	11/06/2021 00:39	WG1769740
Bromobenzene	U		0.118	0.500	1	11/06/2021 00:39	WG1769740
Bromodichloromethane	U		0.136	0.500	1	11/06/2021 00:39	WG1769740
Bromoform	U		0.129	0.500	1	11/06/2021 00:39	WG1769740
Bromomethane	U		0.605	2.50	1	11/06/2021 00:39	WG1769740
n-Butylbenzene	U		0.157	0.500	1	11/06/2021 00:39	WG1769740
sec-Butylbenzene	U		0.125	0.500	1	11/06/2021 00:39	WG1769740
tert-Butylbenzene	U		0.127	0.500	1	11/06/2021 00:39	WG1769740
Carbon disulfide	U		0.0962	0.500	1	11/06/2021 00:39	WG1769740
Carbon tetrachloride	U		0.128	0.500	1	11/06/2021 00:39	WG1769740
Chlorobenzene	U		0.117	0.500	1	11/06/2021 00:39	WG1769740
Chlorodibromomethane	U		0.140	0.500	1	11/06/2021 00:39	WG1769740
Chloroethane	U		0.192	2.50	1	11/06/2021 00:39	WG1769740
Chloroform	U		0.111	0.500	1	11/06/2021 00:39	WG1769740
Chloromethane	U		0.960	1.25	1	11/06/2021 00:39	WG1769740
2-Chlorotoluene	U		0.106	0.500	1	11/06/2021 00:39	WG1769740
4-Chlorotoluene	U		0.114	0.500	1	11/06/2021 00:39	WG1769740
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/06/2021 00:39	WG1769740
1,2-Dibromoethane	U		0.126	0.500	1	11/06/2021 00:39	WG1769740
Dibromomethane	U		0.122	0.500	1	11/06/2021 00:39	WG1769740
1,2-Dichlorobenzene	U		0.107	0.500	1	11/06/2021 00:39	WG1769740
1,3-Dichlorobenzene	U		0.299	0.500	1	11/06/2021 00:39	WG1769740
1,4-Dichlorobenzene	U		0.120	0.500	1	11/06/2021 00:39	WG1769740
Dichlorodifluoromethane	U		0.374	2.50	1	11/06/2021 00:39	WG1769740
1,1-Dichloroethane	U		0.100	0.500	1	11/06/2021 00:39	WG1769740
1,2-Dichloroethane	U		0.0819	0.500	1	11/06/2021 00:39	WG1769740
1,1-Dichloroethene	U		0.188	0.500	1	11/06/2021 00:39	WG1769740
cis-1,2-Dichloroethene	8.35		0.126	0.500	1	11/06/2021 00:39	WG1769740
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/06/2021 00:39	WG1769740
1,2-Dichloropropane	U		0.149	0.500	1	11/06/2021 00:39	WG1769740
1,1-Dichloropropene	U		0.142	0.500	1	11/06/2021 00:39	WG1769740
1,3-Dichloropropane	U		0.109	1.00	1	11/06/2021 00:39	WG1769740
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/06/2021 00:39	WG1769740
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/06/2021 00:39	WG1769740
2,2-Dichloropropane	U	J3 J4	0.161	0.500	1	11/06/2021 00:39	WG1769740
Di-isopropyl ether	U		0.105	0.500	1	11/06/2021 00:39	WG1769740
Ethylbenzene	U		0.137	0.500	1	11/06/2021 00:39	WG1769740
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/06/2021 00:39	WG1769740
Isopropylbenzene	U		0.105	0.500	1	11/06/2021 00:39	WG1769740
p-Isopropyltoluene	U		0.120	0.500	1	11/06/2021 00:39	WG1769740
2-Butanone (MEK)	U		1.19	5.00	1	11/06/2021 00:39	WG1769740
Methylene Chloride	U		0.430	2.50	1	11/06/2021 00:39	WG1769740
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/06/2021 00:39	WG1769740
Methyl tert-butyl ether	U		0.101	0.500	1	11/06/2021 00:39	WG1769740
Naphthalene	U	C3	0.174	2.50	1	11/06/2021 00:39	WG1769740
n-Propylbenzene	U		0.0993	0.500	1	11/06/2021 00:39	WG1769740
Styrene	U		0.118	0.500	1	11/06/2021 00:39	WG1769740
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/06/2021 00:39	WG1769740
1,1,2,2-Tetrachloroethane	U	J3	0.133	0.500	1	11/06/2021 00:39	WG1769740
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/06/2021 00:39	WG1769740
Tetrachloroethene	0.855		0.300	0.500	1	11/06/2021 00:39	WG1769740
Toluene	U		0.278	0.500	1	11/06/2021 00:39	WG1769740
1,2,3-Trichlorobenzene	U	C3	0.164	0.500	1	11/06/2021 00:39	WG1769740

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	11/06/2021 00:39	WG1769740
1,1,1-Trichloroethane	U		0.149	0.500	1	11/06/2021 00:39	WG1769740
1,1,2-Trichloroethane	U		0.158	0.500	1	11/06/2021 00:39	WG1769740
Trichloroethene	30.7	J3 J4	0.190	0.500	1	11/06/2021 00:39	WG1769740
Trichlorofluoromethane	U		0.160	2.50	1	11/06/2021 00:39	WG1769740
1,2,3-Trichloropropane	U		0.237	2.50	1	11/06/2021 00:39	WG1769740
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/06/2021 00:39	WG1769740
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 00:39	WG1769740
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 00:39	WG1769740
Vinyl chloride	U		0.234	0.500	1	11/06/2021 00:39	WG1769740
Xylenes, Total	U		0.174	1.50	1	11/06/2021 00:39	WG1769740
(S) Toluene-d8	111			80.0-120		11/06/2021 00:39	WG1769740
(S) 4-Bromofluorobenzene	94.7			77.0-126		11/06/2021 00:39	WG1769740
(S) 1,2-Dichloroethane-d4	94.6			70.0-130		11/06/2021 00:39	WG1769740

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	28.2		11.3	25.0	1	11/06/2021 00:59	WG1769740
Acrolein	U		2.54	50.0	1	11/06/2021 00:59	WG1769740
Acrylonitrile	U		0.671	5.00	1	11/06/2021 00:59	WG1769740
Benzene	U		0.0941	0.500	1	11/06/2021 00:59	WG1769740
Bromobenzene	U		0.118	0.500	1	11/06/2021 00:59	WG1769740
Bromodichloromethane	U		0.136	0.500	1	11/06/2021 00:59	WG1769740
Bromoform	U		0.129	0.500	1	11/06/2021 00:59	WG1769740
Bromomethane	U		0.605	2.50	1	11/06/2021 00:59	WG1769740
n-Butylbenzene	U		0.157	0.500	1	11/06/2021 00:59	WG1769740
sec-Butylbenzene	U		0.125	0.500	1	11/06/2021 00:59	WG1769740
tert-Butylbenzene	U		0.127	0.500	1	11/06/2021 00:59	WG1769740
Carbon disulfide	U		0.0962	0.500	1	11/06/2021 00:59	WG1769740
Carbon tetrachloride	U		0.128	0.500	1	11/06/2021 00:59	WG1769740
Chlorobenzene	U		0.117	0.500	1	11/06/2021 00:59	WG1769740
Chlorodibromomethane	U		0.140	0.500	1	11/06/2021 00:59	WG1769740
Chloroethane	U		0.192	2.50	1	11/06/2021 00:59	WG1769740
Chloroform	0.120	J	0.111	0.500	1	11/06/2021 00:59	WG1769740
Chloromethane	U		0.960	1.25	1	11/06/2021 00:59	WG1769740
2-Chlorotoluene	U		0.106	0.500	1	11/06/2021 00:59	WG1769740
4-Chlorotoluene	U		0.114	0.500	1	11/06/2021 00:59	WG1769740
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/06/2021 00:59	WG1769740
1,2-Dibromoethane	U		0.126	0.500	1	11/06/2021 00:59	WG1769740
Dibromomethane	U		0.122	0.500	1	11/06/2021 00:59	WG1769740
1,2-Dichlorobenzene	U		0.107	0.500	1	11/06/2021 00:59	WG1769740
1,3-Dichlorobenzene	U		0.299	0.500	1	11/06/2021 00:59	WG1769740
1,4-Dichlorobenzene	U		0.120	0.500	1	11/06/2021 00:59	WG1769740
Dichlorodifluoromethane	U		0.374	2.50	1	11/06/2021 00:59	WG1769740
1,1-Dichloroethane	U		0.100	0.500	1	11/06/2021 00:59	WG1769740
1,2-Dichloroethane	U		0.0819	0.500	1	11/06/2021 00:59	WG1769740
1,1-Dichloroethene	U		0.188	0.500	1	11/06/2021 00:59	WG1769740
cis-1,2-Dichloroethene	U		0.126	0.500	1	11/06/2021 00:59	WG1769740
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/06/2021 00:59	WG1769740
1,2-Dichloropropane	U		0.149	0.500	1	11/06/2021 00:59	WG1769740
1,1-Dichloropropene	U		0.142	0.500	1	11/06/2021 00:59	WG1769740
1,3-Dichloropropane	U		0.109	1.00	1	11/06/2021 00:59	WG1769740
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/06/2021 00:59	WG1769740
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/06/2021 00:59	WG1769740
2,2-Dichloropropane	U	J3 J4	0.161	0.500	1	11/06/2021 00:59	WG1769740
Di-isopropyl ether	U		0.105	0.500	1	11/06/2021 00:59	WG1769740
Ethylbenzene	U		0.137	0.500	1	11/06/2021 00:59	WG1769740
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/06/2021 00:59	WG1769740
Isopropylbenzene	U		0.105	0.500	1	11/06/2021 00:59	WG1769740
p-Isopropyltoluene	U		0.120	0.500	1	11/06/2021 00:59	WG1769740
2-Butanone (MEK)	U		1.19	5.00	1	11/06/2021 00:59	WG1769740
Methylene Chloride	U		0.430	2.50	1	11/06/2021 00:59	WG1769740
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/06/2021 00:59	WG1769740
Methyl tert-butyl ether	U		0.101	0.500	1	11/06/2021 00:59	WG1769740
Naphthalene	U	C3	0.174	2.50	1	11/06/2021 00:59	WG1769740
n-Propylbenzene	U		0.0993	0.500	1	11/06/2021 00:59	WG1769740
Styrene	U		0.118	0.500	1	11/06/2021 00:59	WG1769740
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/06/2021 00:59	WG1769740
1,1,2,2-Tetrachloroethane	U	J3	0.133	0.500	1	11/06/2021 00:59	WG1769740
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/06/2021 00:59	WG1769740
Tetrachloroethene	U		0.300	0.500	1	11/06/2021 00:59	WG1769740
Toluene	U		0.278	0.500	1	11/06/2021 00:59	WG1769740
1,2,3-Trichlorobenzene	U	C3	0.164	0.500	1	11/06/2021 00:59	WG1769740

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	11/06/2021 00:59	WG1769740
1,1,1-Trichloroethane	U		0.149	0.500	1	11/06/2021 00:59	WG1769740
1,1,2-Trichloroethane	U		0.158	0.500	1	11/06/2021 00:59	WG1769740
Trichloroethene	1.95	J3 J4	0.190	0.500	1	11/06/2021 00:59	WG1769740
Trichlorofluoromethane	U		0.160	2.50	1	11/06/2021 00:59	WG1769740
1,2,3-Trichloropropane	U		0.237	2.50	1	11/06/2021 00:59	WG1769740
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/06/2021 00:59	WG1769740
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 00:59	WG1769740
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 00:59	WG1769740
Vinyl chloride	U		0.234	0.500	1	11/06/2021 00:59	WG1769740
Xylenes, Total	U		0.174	1.50	1	11/06/2021 00:59	WG1769740
(S) Toluene-d8	108			80.0-120		11/06/2021 00:59	WG1769740
(S) 4-Bromofluorobenzene	95.1			77.0-126		11/06/2021 00:59	WG1769740
(S) 1,2-Dichloroethane-d4	104			70.0-130		11/06/2021 00:59	WG1769740

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	23.6	J	11.3	25.0	1	11/06/2021 01:19	WG1769740
Acrolein	U		2.54	50.0	1	11/06/2021 01:19	WG1769740
Acrylonitrile	U		0.671	5.00	1	11/06/2021 01:19	WG1769740
Benzene	U		0.0941	0.500	1	11/06/2021 01:19	WG1769740
Bromobenzene	U		0.118	0.500	1	11/06/2021 01:19	WG1769740
Bromodichloromethane	U		0.136	0.500	1	11/06/2021 01:19	WG1769740
Bromoform	U		0.129	0.500	1	11/06/2021 01:19	WG1769740
Bromomethane	U		0.605	2.50	1	11/06/2021 01:19	WG1769740
n-Butylbenzene	U		0.157	0.500	1	11/06/2021 01:19	WG1769740
sec-Butylbenzene	U		0.125	0.500	1	11/06/2021 01:19	WG1769740
tert-Butylbenzene	U		0.127	0.500	1	11/06/2021 01:19	WG1769740
Carbon disulfide	U		0.0962	0.500	1	11/06/2021 01:19	WG1769740
Carbon tetrachloride	U		0.128	0.500	1	11/06/2021 01:19	WG1769740
Chlorobenzene	U		0.117	0.500	1	11/06/2021 01:19	WG1769740
Chlorodibromomethane	U		0.140	0.500	1	11/06/2021 01:19	WG1769740
Chloroethane	U		0.192	2.50	1	11/06/2021 01:19	WG1769740
Chloroform	U		0.111	0.500	1	11/06/2021 01:19	WG1769740
Chloromethane	U		0.960	1.25	1	11/06/2021 01:19	WG1769740
2-Chlorotoluene	U		0.106	0.500	1	11/06/2021 01:19	WG1769740
4-Chlorotoluene	U		0.114	0.500	1	11/06/2021 01:19	WG1769740
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/06/2021 01:19	WG1769740
1,2-Dibromoethane	U		0.126	0.500	1	11/06/2021 01:19	WG1769740
Dibromomethane	U		0.122	0.500	1	11/06/2021 01:19	WG1769740
1,2-Dichlorobenzene	U		0.107	0.500	1	11/06/2021 01:19	WG1769740
1,3-Dichlorobenzene	U		0.299	0.500	1	11/06/2021 01:19	WG1769740
1,4-Dichlorobenzene	U		0.120	0.500	1	11/06/2021 01:19	WG1769740
Dichlorodifluoromethane	U		0.374	2.50	1	11/06/2021 01:19	WG1769740
1,1-Dichloroethane	U		0.100	0.500	1	11/06/2021 01:19	WG1769740
1,2-Dichloroethane	U		0.0819	0.500	1	11/06/2021 01:19	WG1769740
1,1-Dichloroethene	U		0.188	0.500	1	11/06/2021 01:19	WG1769740
cis-1,2-Dichloroethene	U		0.126	0.500	1	11/06/2021 01:19	WG1769740
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/06/2021 01:19	WG1769740
1,2-Dichloropropane	U		0.149	0.500	1	11/06/2021 01:19	WG1769740
1,1-Dichloropropene	U		0.142	0.500	1	11/06/2021 01:19	WG1769740
1,3-Dichloropropane	U		0.109	1.00	1	11/06/2021 01:19	WG1769740
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/06/2021 01:19	WG1769740
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/06/2021 01:19	WG1769740
2,2-Dichloropropane	U	J3 J4	0.161	0.500	1	11/06/2021 01:19	WG1769740
Di-isopropyl ether	U		0.105	0.500	1	11/06/2021 01:19	WG1769740
Ethylbenzene	U		0.137	0.500	1	11/06/2021 01:19	WG1769740
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/06/2021 01:19	WG1769740
Isopropylbenzene	U		0.105	0.500	1	11/06/2021 01:19	WG1769740
p-Isopropyltoluene	U		0.120	0.500	1	11/06/2021 01:19	WG1769740
2-Butanone (MEK)	U		1.19	5.00	1	11/06/2021 01:19	WG1769740
Methylene Chloride	U		0.430	2.50	1	11/06/2021 01:19	WG1769740
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/06/2021 01:19	WG1769740
Methyl tert-butyl ether	U		0.101	0.500	1	11/06/2021 01:19	WG1769740
Naphthalene	U	C3	0.174	2.50	1	11/06/2021 01:19	WG1769740
n-Propylbenzene	U		0.0993	0.500	1	11/06/2021 01:19	WG1769740
Styrene	U		0.118	0.500	1	11/06/2021 01:19	WG1769740
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/06/2021 01:19	WG1769740
1,1,2,2-Tetrachloroethane	U	J3	0.133	0.500	1	11/06/2021 01:19	WG1769740
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/06/2021 01:19	WG1769740
Tetrachloroethene	U		0.300	0.500	1	11/06/2021 01:19	WG1769740
Toluene	U		0.278	0.500	1	11/06/2021 01:19	WG1769740
1,2,3-Trichlorobenzene	U	C3	0.164	0.500	1	11/06/2021 01:19	WG1769740

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	11/06/2021 01:19	WG1769740
1,1,1-Trichloroethane	U		0.149	0.500	1	11/06/2021 01:19	WG1769740
1,1,2-Trichloroethane	U		0.158	0.500	1	11/06/2021 01:19	WG1769740
Trichloroethene	9.25	J3 J4	0.190	0.500	1	11/06/2021 01:19	WG1769740
Trichlorofluoromethane	U		0.160	2.50	1	11/06/2021 01:19	WG1769740
1,2,3-Trichloropropane	U		0.237	2.50	1	11/06/2021 01:19	WG1769740
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/06/2021 01:19	WG1769740
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 01:19	WG1769740
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 01:19	WG1769740
Vinyl chloride	U		0.234	0.500	1	11/06/2021 01:19	WG1769740
Xylenes, Total	U		0.174	1.50	1	11/06/2021 01:19	WG1769740
(S) Toluene-d8	109			80.0-120		11/06/2021 01:19	WG1769740
(S) 4-Bromofluorobenzene	92.1			77.0-126		11/06/2021 01:19	WG1769740
(S) 1,2-Dichloroethane-d4	102			70.0-130		11/06/2021 01:19	WG1769740

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	24.6	J	11.3	25.0	1	11/06/2021 01:39	WG1769740
Acrolein	U		2.54	50.0	1	11/06/2021 01:39	WG1769740
Acrylonitrile	U		0.671	5.00	1	11/06/2021 01:39	WG1769740
Benzene	U		0.0941	0.500	1	11/06/2021 01:39	WG1769740
Bromobenzene	U		0.118	0.500	1	11/06/2021 01:39	WG1769740
Bromodichloromethane	U		0.136	0.500	1	11/06/2021 01:39	WG1769740
Bromoform	U		0.129	0.500	1	11/06/2021 01:39	WG1769740
Bromomethane	U		0.605	2.50	1	11/06/2021 01:39	WG1769740
n-Butylbenzene	U		0.157	0.500	1	11/06/2021 01:39	WG1769740
sec-Butylbenzene	U		0.125	0.500	1	11/06/2021 01:39	WG1769740
tert-Butylbenzene	U		0.127	0.500	1	11/06/2021 01:39	WG1769740
Carbon disulfide	U		0.0962	0.500	1	11/06/2021 01:39	WG1769740
Carbon tetrachloride	U		0.128	0.500	1	11/06/2021 01:39	WG1769740
Chlorobenzene	U		0.117	0.500	1	11/06/2021 01:39	WG1769740
Chlorodibromomethane	U		0.140	0.500	1	11/06/2021 01:39	WG1769740
Chloroethane	U		0.192	2.50	1	11/06/2021 01:39	WG1769740
Chloroform	U		0.111	0.500	1	11/06/2021 01:39	WG1769740
Chloromethane	U		0.960	1.25	1	11/06/2021 01:39	WG1769740
2-Chlorotoluene	U		0.106	0.500	1	11/06/2021 01:39	WG1769740
4-Chlorotoluene	U		0.114	0.500	1	11/06/2021 01:39	WG1769740
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/06/2021 01:39	WG1769740
1,2-Dibromoethane	U		0.126	0.500	1	11/06/2021 01:39	WG1769740
Dibromomethane	U		0.122	0.500	1	11/06/2021 01:39	WG1769740
1,2-Dichlorobenzene	U		0.107	0.500	1	11/06/2021 01:39	WG1769740
1,3-Dichlorobenzene	U		0.299	0.500	1	11/06/2021 01:39	WG1769740
1,4-Dichlorobenzene	U		0.120	0.500	1	11/06/2021 01:39	WG1769740
Dichlorodifluoromethane	U		0.374	2.50	1	11/06/2021 01:39	WG1769740
1,1-Dichloroethane	U		0.100	0.500	1	11/06/2021 01:39	WG1769740
1,2-Dichloroethane	U		0.0819	0.500	1	11/06/2021 01:39	WG1769740
1,1-Dichloroethene	U		0.188	0.500	1	11/06/2021 01:39	WG1769740
cis-1,2-Dichloroethene	U		0.126	0.500	1	11/06/2021 01:39	WG1769740
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/06/2021 01:39	WG1769740
1,2-Dichloropropane	U		0.149	0.500	1	11/06/2021 01:39	WG1769740
1,1-Dichloropropene	U		0.142	0.500	1	11/06/2021 01:39	WG1769740
1,3-Dichloropropane	U		0.109	1.00	1	11/06/2021 01:39	WG1769740
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/06/2021 01:39	WG1769740
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/06/2021 01:39	WG1769740
2,2-Dichloropropane	U	J3 J4	0.161	0.500	1	11/06/2021 01:39	WG1769740
Di-isopropyl ether	U		0.105	0.500	1	11/06/2021 01:39	WG1769740
Ethylbenzene	U		0.137	0.500	1	11/06/2021 01:39	WG1769740
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/06/2021 01:39	WG1769740
Isopropylbenzene	U		0.105	0.500	1	11/06/2021 01:39	WG1769740
p-Isopropyltoluene	U		0.120	0.500	1	11/06/2021 01:39	WG1769740
2-Butanone (MEK)	U		1.19	5.00	1	11/06/2021 01:39	WG1769740
Methylene Chloride	U		0.430	2.50	1	11/06/2021 01:39	WG1769740
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/06/2021 01:39	WG1769740
Methyl tert-butyl ether	U		0.101	0.500	1	11/06/2021 01:39	WG1769740
Naphthalene	U	C3	0.174	2.50	1	11/06/2021 01:39	WG1769740
n-Propylbenzene	U		0.0993	0.500	1	11/06/2021 01:39	WG1769740
Styrene	U		0.118	0.500	1	11/06/2021 01:39	WG1769740
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/06/2021 01:39	WG1769740
1,1,2,2-Tetrachloroethane	U	J3	0.133	0.500	1	11/06/2021 01:39	WG1769740
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/06/2021 01:39	WG1769740
Tetrachloroethene	0.355	J	0.300	0.500	1	11/06/2021 01:39	WG1769740
Toluene	U		0.278	0.500	1	11/06/2021 01:39	WG1769740
1,2,3-Trichlorobenzene	U	C3	0.164	0.500	1	11/06/2021 01:39	WG1769740

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	11/06/2021 01:39	WG1769740
1,1,1-Trichloroethane	U		0.149	0.500	1	11/06/2021 01:39	WG1769740
1,1,2-Trichloroethane	U		0.158	0.500	1	11/06/2021 01:39	WG1769740
Trichloroethene	9.38	J3 J4	0.190	0.500	1	11/06/2021 01:39	WG1769740
Trichlorofluoromethane	U		0.160	2.50	1	11/06/2021 01:39	WG1769740
1,2,3-Trichloropropane	U		0.237	2.50	1	11/06/2021 01:39	WG1769740
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/06/2021 01:39	WG1769740
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 01:39	WG1769740
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 01:39	WG1769740
Vinyl chloride	U		0.234	0.500	1	11/06/2021 01:39	WG1769740
Xylenes, Total	U		0.174	1.50	1	11/06/2021 01:39	WG1769740
(S) Toluene-d8	111			80.0-120		11/06/2021 01:39	WG1769740
(S) 4-Bromofluorobenzene	89.8			77.0-126		11/06/2021 01:39	WG1769740
(S) 1,2-Dichloroethane-d4	99.7			70.0-130		11/06/2021 01:39	WG1769740

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

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	11/06/2021 02:00	WG1769740
Acrolein	U		2.54	50.0	1	11/06/2021 02:00	WG1769740
Acrylonitrile	U		0.671	5.00	1	11/06/2021 02:00	WG1769740
Benzene	U		0.0941	0.500	1	11/06/2021 02:00	WG1769740
Bromobenzene	U		0.118	0.500	1	11/06/2021 02:00	WG1769740
Bromodichloromethane	U		0.136	0.500	1	11/06/2021 02:00	WG1769740
Bromoform	U		0.129	0.500	1	11/06/2021 02:00	WG1769740
Bromomethane	U		0.605	2.50	1	11/06/2021 02:00	WG1769740
n-Butylbenzene	U		0.157	0.500	1	11/06/2021 02:00	WG1769740
sec-Butylbenzene	U		0.125	0.500	1	11/06/2021 02:00	WG1769740
tert-Butylbenzene	U		0.127	0.500	1	11/06/2021 02:00	WG1769740
Carbon disulfide	U		0.0962	0.500	1	11/06/2021 02:00	WG1769740
Carbon tetrachloride	U		0.128	0.500	1	11/06/2021 02:00	WG1769740
Chlorobenzene	U		0.117	0.500	1	11/06/2021 02:00	WG1769740
Chlorodibromomethane	U		0.140	0.500	1	11/06/2021 02:00	WG1769740
Chloroethane	U		0.192	2.50	1	11/06/2021 02:00	WG1769740
Chloroform	0.169	J	0.111	0.500	1	11/06/2021 02:00	WG1769740
Chloromethane	U		0.960	1.25	1	11/06/2021 02:00	WG1769740
2-Chlorotoluene	U		0.106	0.500	1	11/06/2021 02:00	WG1769740
4-Chlorotoluene	U		0.114	0.500	1	11/06/2021 02:00	WG1769740
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/06/2021 02:00	WG1769740
1,2-Dibromoethane	U		0.126	0.500	1	11/06/2021 02:00	WG1769740
Dibromomethane	U		0.122	0.500	1	11/06/2021 02:00	WG1769740
1,2-Dichlorobenzene	U		0.107	0.500	1	11/06/2021 02:00	WG1769740
1,3-Dichlorobenzene	U		0.299	0.500	1	11/06/2021 02:00	WG1769740
1,4-Dichlorobenzene	U		0.120	0.500	1	11/06/2021 02:00	WG1769740
Dichlorodifluoromethane	U		0.374	2.50	1	11/06/2021 02:00	WG1769740
1,1-Dichloroethane	U		0.100	0.500	1	11/06/2021 02:00	WG1769740
1,2-Dichloroethane	U		0.0819	0.500	1	11/06/2021 02:00	WG1769740
1,1-Dichloroethene	U		0.188	0.500	1	11/06/2021 02:00	WG1769740
cis-1,2-Dichloroethene	11.6		0.126	0.500	1	11/06/2021 02:00	WG1769740
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/06/2021 02:00	WG1769740
1,2-Dichloropropane	U		0.149	0.500	1	11/06/2021 02:00	WG1769740
1,1-Dichloropropene	U		0.142	0.500	1	11/06/2021 02:00	WG1769740
1,3-Dichloropropane	U		0.109	1.00	1	11/06/2021 02:00	WG1769740
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/06/2021 02:00	WG1769740
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/06/2021 02:00	WG1769740
2,2-Dichloropropane	U	J3 J4	0.161	0.500	1	11/06/2021 02:00	WG1769740
Di-isopropyl ether	U		0.105	0.500	1	11/06/2021 02:00	WG1769740
Ethylbenzene	U		0.137	0.500	1	11/06/2021 02:00	WG1769740
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/06/2021 02:00	WG1769740
Isopropylbenzene	U		0.105	0.500	1	11/06/2021 02:00	WG1769740
p-Isopropyltoluene	U		0.120	0.500	1	11/06/2021 02:00	WG1769740
2-Butanone (MEK)	U		1.19	5.00	1	11/06/2021 02:00	WG1769740
Methylene Chloride	U		0.430	2.50	1	11/06/2021 02:00	WG1769740
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/06/2021 02:00	WG1769740
Methyl tert-butyl ether	U		0.101	0.500	1	11/06/2021 02:00	WG1769740
Naphthalene	U	C3	0.174	2.50	1	11/06/2021 02:00	WG1769740
n-Propylbenzene	U		0.0993	0.500	1	11/06/2021 02:00	WG1769740
Styrene	U		0.118	0.500	1	11/06/2021 02:00	WG1769740
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/06/2021 02:00	WG1769740
1,1,2,2-Tetrachloroethane	U	J3	0.133	0.500	1	11/06/2021 02:00	WG1769740
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/06/2021 02:00	WG1769740
Tetrachloroethene	3.75		0.300	0.500	1	11/06/2021 02:00	WG1769740
Toluene	U		0.278	0.500	1	11/06/2021 02:00	WG1769740
1,2,3-Trichlorobenzene	U	C3	0.164	0.500	1	11/06/2021 02:00	WG1769740

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	11/06/2021 02:00	WG1769740
1,1,1-Trichloroethane	U		0.149	0.500	1	11/06/2021 02:00	WG1769740
1,1,2-Trichloroethane	U		0.158	0.500	1	11/06/2021 02:00	WG1769740
Trichloroethene	82.5	J3 J4	0.190	0.500	1	11/06/2021 02:00	WG1769740
Trichlorofluoromethane	U		0.160	2.50	1	11/06/2021 02:00	WG1769740
1,2,3-Trichloropropane	U		0.237	2.50	1	11/06/2021 02:00	WG1769740
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/06/2021 02:00	WG1769740
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 02:00	WG1769740
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 02:00	WG1769740
Vinyl chloride	U		0.234	0.500	1	11/06/2021 02:00	WG1769740
Xylenes, Total	U		0.174	1.50	1	11/06/2021 02:00	WG1769740
(S) Toluene-d8	109			80.0-120		11/06/2021 02:00	WG1769740
(S) 4-Bromofluorobenzene	93.7			77.0-126		11/06/2021 02:00	WG1769740
(S) 1,2-Dichloroethane-d4	94.1			70.0-130		11/06/2021 02:00	WG1769740

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

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	18.9	J	11.3	25.0	1	11/06/2021 02:20	WG1769740
Acrolein	U		2.54	50.0	1	11/06/2021 02:20	WG1769740
Acrylonitrile	U		0.671	5.00	1	11/06/2021 02:20	WG1769740
Benzene	U		0.0941	0.500	1	11/06/2021 02:20	WG1769740
Bromobenzene	U		0.118	0.500	1	11/06/2021 02:20	WG1769740
Bromodichloromethane	U		0.136	0.500	1	11/06/2021 02:20	WG1769740
Bromoform	U		0.129	0.500	1	11/06/2021 02:20	WG1769740
Bromomethane	U		0.605	2.50	1	11/06/2021 02:20	WG1769740
n-Butylbenzene	U		0.157	0.500	1	11/06/2021 02:20	WG1769740
sec-Butylbenzene	U		0.125	0.500	1	11/06/2021 02:20	WG1769740
tert-Butylbenzene	U		0.127	0.500	1	11/06/2021 02:20	WG1769740
Carbon disulfide	U		0.0962	0.500	1	11/06/2021 02:20	WG1769740
Carbon tetrachloride	U		0.128	0.500	1	11/06/2021 02:20	WG1769740
Chlorobenzene	U		0.117	0.500	1	11/06/2021 02:20	WG1769740
Chlorodibromomethane	U		0.140	0.500	1	11/06/2021 02:20	WG1769740
Chloroethane	U		0.192	2.50	1	11/06/2021 02:20	WG1769740
Chloroform	1.12		0.111	0.500	1	11/06/2021 02:20	WG1769740
Chloromethane	U		0.960	1.25	1	11/06/2021 02:20	WG1769740
2-Chlorotoluene	U		0.106	0.500	1	11/06/2021 02:20	WG1769740
4-Chlorotoluene	U		0.114	0.500	1	11/06/2021 02:20	WG1769740
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/06/2021 02:20	WG1769740
1,2-Dibromoethane	U		0.126	0.500	1	11/06/2021 02:20	WG1769740
Dibromomethane	U		0.122	0.500	1	11/06/2021 02:20	WG1769740
1,2-Dichlorobenzene	U		0.107	0.500	1	11/06/2021 02:20	WG1769740
1,3-Dichlorobenzene	U		0.299	0.500	1	11/06/2021 02:20	WG1769740
1,4-Dichlorobenzene	U		0.120	0.500	1	11/06/2021 02:20	WG1769740
Dichlorodifluoromethane	U		0.374	2.50	1	11/06/2021 02:20	WG1769740
1,1-Dichloroethane	U		0.100	0.500	1	11/06/2021 02:20	WG1769740
1,2-Dichloroethane	U		0.0819	0.500	1	11/06/2021 02:20	WG1769740
1,1-Dichloroethene	U		0.188	0.500	1	11/06/2021 02:20	WG1769740
cis-1,2-Dichloroethene	4.25		0.126	0.500	1	11/06/2021 02:20	WG1769740
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/06/2021 02:20	WG1769740
1,2-Dichloropropane	U		0.149	0.500	1	11/06/2021 02:20	WG1769740
1,1-Dichloropropene	U		0.142	0.500	1	11/06/2021 02:20	WG1769740
1,3-Dichloropropane	U		0.109	1.00	1	11/06/2021 02:20	WG1769740
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/06/2021 02:20	WG1769740
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/06/2021 02:20	WG1769740
2,2-Dichloropropane	U	J3 J4	0.161	0.500	1	11/06/2021 02:20	WG1769740
Di-isopropyl ether	U		0.105	0.500	1	11/06/2021 02:20	WG1769740
Ethylbenzene	U		0.137	0.500	1	11/06/2021 02:20	WG1769740
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/06/2021 02:20	WG1769740
Isopropylbenzene	U		0.105	0.500	1	11/06/2021 02:20	WG1769740
p-Isopropyltoluene	U		0.120	0.500	1	11/06/2021 02:20	WG1769740
2-Butanone (MEK)	U		1.19	5.00	1	11/06/2021 02:20	WG1769740
Methylene Chloride	U		0.430	2.50	1	11/06/2021 02:20	WG1769740
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/06/2021 02:20	WG1769740
Methyl tert-butyl ether	U		0.101	0.500	1	11/06/2021 02:20	WG1769740
Naphthalene	U	C3	0.174	2.50	1	11/06/2021 02:20	WG1769740
n-Propylbenzene	U		0.0993	0.500	1	11/06/2021 02:20	WG1769740
Styrene	U		0.118	0.500	1	11/06/2021 02:20	WG1769740
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/06/2021 02:20	WG1769740
1,1,2,2-Tetrachloroethane	U	J3	0.133	0.500	1	11/06/2021 02:20	WG1769740
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/06/2021 02:20	WG1769740
Tetrachloroethene	1.70		0.300	0.500	1	11/06/2021 02:20	WG1769740
Toluene	U		0.278	0.500	1	11/06/2021 02:20	WG1769740
1,2,3-Trichlorobenzene	U	C3	0.164	0.500	1	11/06/2021 02:20	WG1769740

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

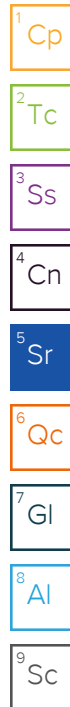
Volatile Organic Compounds (GC/MS) by Method 8260D

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	11/06/2021 02:20	WG1769740
1,1,1-Trichloroethane	U		0.149	0.500	1	11/06/2021 02:20	WG1769740
1,1,2-Trichloroethane	U		0.158	0.500	1	11/06/2021 02:20	WG1769740
Trichloroethene	30.5	J3 J4	0.190	0.500	1	11/06/2021 02:20	WG1769740
Trichlorofluoromethane	U		0.160	2.50	1	11/06/2021 02:20	WG1769740
1,2,3-Trichloropropane	U		0.237	2.50	1	11/06/2021 02:20	WG1769740
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/06/2021 02:20	WG1769740
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 02:20	WG1769740
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 02:20	WG1769740
Vinyl chloride	U		0.234	0.500	1	11/06/2021 02:20	WG1769740
Xylenes, Total	U		0.174	1.50	1	11/06/2021 02:20	WG1769740
(S) Toluene-d8	111			80.0-120		11/06/2021 02:20	WG1769740
(S) 4-Bromofluorobenzene	90.6			77.0-126		11/06/2021 02:20	WG1769740
(S) 1,2-Dichloroethane-d4	102			70.0-130		11/06/2021 02:20	WG1769740

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

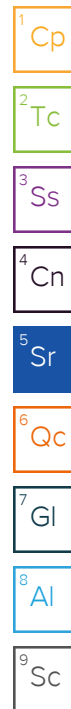
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	30.9		11.3	25.0	1	11/06/2021 02:40	WG1769740
Acrolein	U		2.54	50.0	1	11/06/2021 02:40	WG1769740
Acrylonitrile	U		0.671	5.00	1	11/06/2021 02:40	WG1769740
Benzene	U		0.0941	0.500	1	11/06/2021 02:40	WG1769740
Bromobenzene	U		0.118	0.500	1	11/06/2021 02:40	WG1769740
Bromodichloromethane	U		0.136	0.500	1	11/06/2021 02:40	WG1769740
Bromoform	U		0.129	0.500	1	11/06/2021 02:40	WG1769740
Bromomethane	U		0.605	2.50	1	11/06/2021 02:40	WG1769740
n-Butylbenzene	U		0.157	0.500	1	11/06/2021 02:40	WG1769740
sec-Butylbenzene	U		0.125	0.500	1	11/06/2021 02:40	WG1769740
tert-Butylbenzene	U		0.127	0.500	1	11/06/2021 02:40	WG1769740
Carbon disulfide	U		0.0962	0.500	1	11/06/2021 02:40	WG1769740
Carbon tetrachloride	U		0.128	0.500	1	11/06/2021 02:40	WG1769740
Chlorobenzene	U		0.117	0.500	1	11/06/2021 02:40	WG1769740
Chlorodibromomethane	U		0.140	0.500	1	11/06/2021 02:40	WG1769740
Chloroethane	U		0.192	2.50	1	11/06/2021 02:40	WG1769740
Chloroform	U		0.111	0.500	1	11/06/2021 02:40	WG1769740
Chloromethane	U		0.960	1.25	1	11/06/2021 02:40	WG1769740
2-Chlorotoluene	U		0.106	0.500	1	11/06/2021 02:40	WG1769740
4-Chlorotoluene	U		0.114	0.500	1	11/06/2021 02:40	WG1769740
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/06/2021 02:40	WG1769740
1,2-Dibromoethane	U		0.126	0.500	1	11/06/2021 02:40	WG1769740
Dibromomethane	U		0.122	0.500	1	11/06/2021 02:40	WG1769740
1,2-Dichlorobenzene	U		0.107	0.500	1	11/06/2021 02:40	WG1769740
1,3-Dichlorobenzene	U		0.299	0.500	1	11/06/2021 02:40	WG1769740
1,4-Dichlorobenzene	U		0.120	0.500	1	11/06/2021 02:40	WG1769740
Dichlorodifluoromethane	U		0.374	2.50	1	11/06/2021 02:40	WG1769740
1,1-Dichloroethane	U		0.100	0.500	1	11/06/2021 02:40	WG1769740
1,2-Dichloroethane	U		0.0819	0.500	1	11/06/2021 02:40	WG1769740
1,1-Dichloroethene	U		0.188	0.500	1	11/06/2021 02:40	WG1769740
cis-1,2-Dichloroethene	U		0.126	0.500	1	11/06/2021 02:40	WG1769740
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/06/2021 02:40	WG1769740
1,2-Dichloropropane	U		0.149	0.500	1	11/06/2021 02:40	WG1769740
1,1-Dichloropropene	U		0.142	0.500	1	11/06/2021 02:40	WG1769740
1,3-Dichloropropane	U		0.109	1.00	1	11/06/2021 02:40	WG1769740
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/06/2021 02:40	WG1769740
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/06/2021 02:40	WG1769740
2,2-Dichloropropane	U	J3 J4	0.161	0.500	1	11/06/2021 02:40	WG1769740
Di-isopropyl ether	U		0.105	0.500	1	11/06/2021 02:40	WG1769740
Ethylbenzene	U		0.137	0.500	1	11/06/2021 02:40	WG1769740
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/06/2021 02:40	WG1769740
Isopropylbenzene	U		0.105	0.500	1	11/06/2021 02:40	WG1769740
p-Isopropyltoluene	U		0.120	0.500	1	11/06/2021 02:40	WG1769740
2-Butanone (MEK)	U		1.19	5.00	1	11/06/2021 02:40	WG1769740
Methylene Chloride	U		0.430	2.50	1	11/06/2021 02:40	WG1769740
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/06/2021 02:40	WG1769740
Methyl tert-butyl ether	U		0.101	0.500	1	11/06/2021 02:40	WG1769740
Naphthalene	U	C3	0.174	2.50	1	11/06/2021 02:40	WG1769740
n-Propylbenzene	U		0.0993	0.500	1	11/06/2021 02:40	WG1769740
Styrene	U		0.118	0.500	1	11/06/2021 02:40	WG1769740
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/06/2021 02:40	WG1769740
1,1,2,2-Tetrachloroethane	U	J3	0.133	0.500	1	11/06/2021 02:40	WG1769740
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/06/2021 02:40	WG1769740
Tetrachloroethene	U		0.300	0.500	1	11/06/2021 02:40	WG1769740
Toluene	U		0.278	0.500	1	11/06/2021 02:40	WG1769740
1,2,3-Trichlorobenzene	U	C3	0.164	0.500	1	11/06/2021 02:40	WG1769740



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	11/06/2021 02:40	WG1769740
1,1,1-Trichloroethane	U		0.149	0.500	1	11/06/2021 02:40	WG1769740
1,1,2-Trichloroethane	U		0.158	0.500	1	11/06/2021 02:40	WG1769740
Trichloroethene	0.864	J3 J4	0.190	0.500	1	11/06/2021 02:40	WG1769740
Trichlorofluoromethane	U		0.160	2.50	1	11/06/2021 02:40	WG1769740
1,2,3-Trichloropropane	U		0.237	2.50	1	11/06/2021 02:40	WG1769740
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/06/2021 02:40	WG1769740
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 02:40	WG1769740
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/06/2021 02:40	WG1769740
Vinyl chloride	U		0.234	0.500	1	11/06/2021 02:40	WG1769740
Xylenes, Total	U		0.174	1.50	1	11/06/2021 02:40	WG1769740
(S) Toluene-d8	111			80.0-120		11/06/2021 02:40	WG1769740
(S) 4-Bromofluorobenzene	92.8			77.0-126		11/06/2021 02:40	WG1769740
(S) 1,2-Dichloroethane-d4	99.6			70.0-130		11/06/2021 02:40	WG1769740



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	11/05/2021 16:13	WG1769441
Acrolein	U		2.54	50.0	1	11/05/2021 16:13	WG1769441
Acrylonitrile	U		0.671	5.00	1	11/05/2021 16:13	WG1769441
Benzene	U		0.0941	0.500	1	11/05/2021 16:13	WG1769441
Bromobenzene	U		0.118	0.500	1	11/05/2021 16:13	WG1769441
Bromodichloromethane	U		0.136	0.500	1	11/05/2021 16:13	WG1769441
Bromoform	U		0.129	0.500	1	11/05/2021 16:13	WG1769441
Bromomethane	U		0.605	2.50	1	11/05/2021 16:13	WG1769441
n-Butylbenzene	U		0.157	0.500	1	11/05/2021 16:13	WG1769441
sec-Butylbenzene	U		0.125	0.500	1	11/05/2021 16:13	WG1769441
tert-Butylbenzene	U		0.127	0.500	1	11/05/2021 16:13	WG1769441
Carbon disulfide	U		0.0962	0.500	1	11/05/2021 16:13	WG1769441
Carbon tetrachloride	U		0.128	0.500	1	11/05/2021 16:13	WG1769441
Chlorobenzene	U		0.117	0.500	1	11/05/2021 16:13	WG1769441
Chlorodibromomethane	U		0.140	0.500	1	11/05/2021 16:13	WG1769441
Chloroethane	U		0.192	2.50	1	11/05/2021 16:13	WG1769441
Chloroform	U		0.111	0.500	1	11/05/2021 16:13	WG1769441
Chloromethane	U		0.960	1.25	1	11/05/2021 16:13	WG1769441
2-Chlorotoluene	U		0.106	0.500	1	11/05/2021 16:13	WG1769441
4-Chlorotoluene	U		0.114	0.500	1	11/05/2021 16:13	WG1769441
1,2-Dibromo-3-Chloropropane	U		0.276	2.50	1	11/05/2021 16:13	WG1769441
1,2-Dibromoethane	U		0.126	0.500	1	11/05/2021 16:13	WG1769441
Dibromomethane	U		0.122	0.500	1	11/05/2021 16:13	WG1769441
1,2-Dichlorobenzene	U		0.107	0.500	1	11/05/2021 16:13	WG1769441
1,3-Dichlorobenzene	U		0.299	0.500	1	11/05/2021 16:13	WG1769441
1,4-Dichlorobenzene	U		0.120	0.500	1	11/05/2021 16:13	WG1769441
Dichlorodifluoromethane	U		0.374	2.50	1	11/05/2021 16:13	WG1769441
1,1-Dichloroethane	U		0.100	0.500	1	11/05/2021 16:13	WG1769441
1,2-Dichloroethane	U		0.0819	0.500	1	11/05/2021 16:13	WG1769441
1,1-Dichloroethene	U		0.188	0.500	1	11/05/2021 16:13	WG1769441
cis-1,2-Dichloroethene	U		0.126	0.500	1	11/05/2021 16:13	WG1769441
trans-1,2-Dichloroethene	U		0.149	0.500	1	11/05/2021 16:13	WG1769441
1,2-Dichloropropane	U	J3	0.149	0.500	1	11/05/2021 16:13	WG1769441
1,1-Dichloropropene	U		0.142	0.500	1	11/05/2021 16:13	WG1769441
1,3-Dichloropropane	U		0.109	1.00	1	11/05/2021 16:13	WG1769441
cis-1,3-Dichloropropene	U		0.111	0.500	1	11/05/2021 16:13	WG1769441
trans-1,3-Dichloropropene	U		0.118	0.500	1	11/05/2021 16:13	WG1769441
2,2-Dichloropropane	U	C3	0.161	0.500	1	11/05/2021 16:13	WG1769441
Di-isopropyl ether	U		0.105	0.500	1	11/05/2021 16:13	WG1769441
Ethylbenzene	U		0.137	0.500	1	11/05/2021 16:13	WG1769441
Hexachloro-1,3-butadiene	U		0.337	1.00	1	11/05/2021 16:13	WG1769441
Isopropylbenzene	U		0.105	0.500	1	11/05/2021 16:13	WG1769441
p-Isopropyltoluene	U		0.120	0.500	1	11/05/2021 16:13	WG1769441
2-Butanone (MEK)	U		1.19	5.00	1	11/05/2021 16:13	WG1769441
Methylene Chloride	U		0.430	2.50	1	11/05/2021 16:13	WG1769441
4-Methyl-2-pentanone (MIBK)	U		0.478	5.00	1	11/05/2021 16:13	WG1769441
Methyl tert-butyl ether	U		0.101	0.500	1	11/05/2021 16:13	WG1769441
Naphthalene	U		0.174	2.50	1	11/05/2021 16:13	WG1769441
n-Propylbenzene	U		0.0993	0.500	1	11/05/2021 16:13	WG1769441
Styrene	U		0.118	0.500	1	11/05/2021 16:13	WG1769441
1,1,1,2-Tetrachloroethane	U		0.147	0.500	1	11/05/2021 16:13	WG1769441
1,1,2,2-Tetrachloroethane	U		0.133	0.500	1	11/05/2021 16:13	WG1769441
1,1,2-Trichlorotrifluoroethane	U		0.180	0.500	1	11/05/2021 16:13	WG1769441
Tetrachloroethene	U		0.300	0.500	1	11/05/2021 16:13	WG1769441
Toluene	U		0.278	0.500	1	11/05/2021 16:13	WG1769441
1,2,3-Trichlorobenzene	U		0.164	0.500	1	11/05/2021 16:13	WG1769441

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	11/05/2021 16:13	WG1769441
1,1,1-Trichloroethane	U		0.149	0.500	1	11/05/2021 16:13	WG1769441
1,1,2-Trichloroethane	U		0.158	0.500	1	11/05/2021 16:13	WG1769441
Trichloroethene	U		0.190	0.500	1	11/05/2021 16:13	WG1769441
Trichlorofluoromethane	U		0.160	2.50	1	11/05/2021 16:13	WG1769441
1,2,3-Trichloropropane	U		0.237	2.50	1	11/05/2021 16:13	WG1769441
1,2,4-Trimethylbenzene	U		0.322	0.500	1	11/05/2021 16:13	WG1769441
1,2,3-Trimethylbenzene	U		0.104	0.500	1	11/05/2021 16:13	WG1769441
1,3,5-Trimethylbenzene	U		0.104	0.500	1	11/05/2021 16:13	WG1769441
Vinyl chloride	U		0.234	0.500	1	11/05/2021 16:13	WG1769441
Xylenes, Total	U		0.174	1.50	1	11/05/2021 16:13	WG1769441
(S) Toluene-d8	109			80.0-120		11/05/2021 16:13	WG1769441
(S) 4-Bromofluorobenzene	93.4			77.0-126		11/05/2021 16:13	WG1769441
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		11/05/2021 16:13	WG1769441

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

Method Blank (MB)

(MB) R3726741-3 11/05/21 15:12

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	0.117	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

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R3726741-3 11/05/21 15:12

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	112			80.0-120
(S) 4-Bromofluorobenzene	94.2			77.0-126
(S) 1,2-Dichloroethane-d4	92.5			70.0-130

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3726741-1 11/05/21 12:32 • (LCSD) R3726741-2 11/05/21 12:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	21.7	22.4	86.8	89.6	19.0-160			3.17	27
Acrolein	25.0	20.9	20.5	83.6	82.0	10.0-160			1.93	26
Acrylonitrile	25.0	22.9	23.8	91.6	95.2	55.0-149			3.85	20

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

(LCS) R3726741-1 11/05/21 12:32 • (LCSD) R3726741-2 11/05/21 12:52

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	5.27	5.06	105	101	70.0-123			4.07	20
Bromobenzene	5.00	4.56	4.77	91.2	95.4	73.0-121			4.50	20
Bromodichloromethane	5.00	5.11	4.95	102	99.0	75.0-120			3.18	20
Bromoform	5.00	4.35	4.43	87.0	88.6	68.0-132			1.82	20
Bromomethane	5.00	4.79	4.88	95.8	97.6	10.0-160			1.86	25
n-Butylbenzene	5.00	4.22	4.13	84.4	82.6	73.0-125			2.16	20
sec-Butylbenzene	5.00	4.61	4.50	92.2	90.0	75.0-125			2.41	20
tert-Butylbenzene	5.00	4.79	4.71	95.8	94.2	76.0-124			1.68	20
Carbon disulfide	5.00	5.54	4.89	111	97.8	61.0-128			12.5	20
Carbon tetrachloride	5.00	5.36	4.97	107	99.4	68.0-126			7.55	20
Chlorobenzene	5.00	5.10	4.68	102	93.6	80.0-121			8.59	20
Chlorodibromomethane	5.00	4.76	4.50	95.2	90.0	77.0-125			5.62	20
Chloroethane	5.00	5.55	5.93	111	119	47.0-150			6.62	20
Chloroform	5.00	5.59	5.47	112	109	73.0-120			2.17	20
Chloromethane	5.00	4.78	4.45	95.6	89.0	41.0-142			7.15	20
2-Chlorotoluene	5.00	4.94	4.88	98.8	97.6	76.0-123			1.22	20
4-Chlorotoluene	5.00	5.00	5.06	100	101	75.0-122			1.19	20
1,2-Dibromo-3-Chloropropane	5.00	4.54	4.32	90.8	86.4	58.0-134			4.97	20
1,2-Dibromoethane	5.00	4.98	4.73	99.6	94.6	80.0-122			5.15	20
Dibromomethane	5.00	5.49	5.35	110	107	80.0-120			2.58	20
1,2-Dichlorobenzene	5.00	4.97	4.62	99.4	92.4	79.0-121			7.30	20
1,3-Dichlorobenzene	5.00	4.78	5.10	95.6	102	79.0-120			6.48	20
1,4-Dichlorobenzene	5.00	4.83	5.07	96.6	101	79.0-120			4.85	20
Dichlorodifluoromethane	5.00	5.29	5.22	106	104	51.0-149			1.33	20
1,1-Dichloroethane	5.00	5.56	5.14	111	103	70.0-126			7.85	20
1,2-Dichloroethane	5.00	5.19	5.17	104	103	70.0-128			0.386	20
1,1-Dichloroethene	5.00	5.49	4.86	110	97.2	71.0-124			12.2	20
cis-1,2-Dichloroethene	5.00	5.33	4.94	107	98.8	73.0-120			7.59	20
trans-1,2-Dichloroethene	5.00	5.33	4.90	107	98.0	73.0-120			8.41	20
1,2-Dichloropropane	5.00	6.17	5.00	123	100	77.0-125		J3	20.9	20
1,1-Dichloropropene	5.00	5.56	4.75	111	95.0	74.0-126			15.7	20
1,3-Dichloropropane	5.00	5.10	5.00	102	100	80.0-120			1.98	20
cis-1,3-Dichloropropene	5.00	4.79	4.52	95.8	90.4	80.0-123			5.80	20
trans-1,3-Dichloropropene	5.00	4.59	4.56	91.8	91.2	78.0-124			0.656	20
2,2-Dichloropropane	5.00	3.63	3.46	72.6	69.2	58.0-130			4.80	20
Di-isopropyl ether	5.00	5.16	4.90	103	98.0	58.0-138			5.17	20
Ethylbenzene	5.00	4.81	4.33	96.2	86.6	79.0-123			10.5	20
Hexachloro-1,3-butadiene	5.00	4.11	3.98	82.2	79.6	54.0-138			3.21	20
Isopropylbenzene	5.00	4.63	4.30	92.6	86.0	76.0-127			7.39	20
p-Isopropyltoluene	5.00	4.33	4.58	86.6	91.6	76.0-125			5.61	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3726741-1 11/05/21 12:32 • (LCSD) R3726741-2 11/05/21 12:52

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2-Butanone (MEK)	25.0	20.9	21.1	83.6	84.4	44.0-160			0.952	20
Methylene Chloride	5.00	5.97	5.69	119	114	67.0-120			4.80	20
4-Methyl-2-pentanone (MIBK)	25.0	24.7	24.5	98.8	98.0	68.0-142			0.813	20
Methyl tert-butyl ether	5.00	5.28	5.10	106	102	68.0-125			3.47	20
Naphthalene	5.00	4.77	5.09	95.4	102	54.0-135			6.49	20
n-Propylbenzene	5.00	4.70	4.35	94.0	87.0	77.0-124			7.73	20
Styrene	5.00	4.72	4.34	94.4	86.8	73.0-130			8.39	20
1,1,1,2-Tetrachloroethane	5.00	4.72	4.60	94.4	92.0	75.0-125			2.58	20
1,1,2,2-Tetrachloroethane	5.00	4.22	4.21	84.4	84.2	65.0-130			0.237	20
1,1,2-Trichlorotrifluoroethane	5.00	5.54	5.24	111	105	69.0-132			5.57	20
Tetrachloroethene	5.00	4.79	4.75	95.8	95.0	72.0-132			0.839	20
Toluene	5.00	5.12	4.76	102	95.2	79.0-120			7.29	20
1,2,3-Trichlorobenzene	5.00	4.06	4.73	81.2	94.6	50.0-138			15.2	20
1,2,4-Trichlorobenzene	5.00	4.23	4.44	84.6	88.8	57.0-137			4.84	20
1,1,1-Trichloroethane	5.00	5.44	5.12	109	102	73.0-124			6.06	20
1,1,2-Trichloroethane	5.00	5.28	4.95	106	99.0	80.0-120			6.45	20
Trichloroethene	5.00	5.88	5.92	118	118	78.0-124			0.678	20
Trichlorofluoromethane	5.00	5.51	5.16	110	103	59.0-147			6.56	20
1,2,3-Trichloropropane	5.00	5.17	5.45	103	109	73.0-130			5.27	20
1,2,4-Trimethylbenzene	5.00	4.72	4.59	94.4	91.8	76.0-121			2.79	20
1,2,3-Trimethylbenzene	5.00	4.68	4.84	93.6	96.8	77.0-120			3.36	20
1,3,5-Trimethylbenzene	5.00	4.73	4.92	94.6	98.4	76.0-122			3.94	20
Vinyl chloride	5.00	6.06	5.58	121	112	67.0-131			8.25	20
Xylenes, Total	15.0	14.1	12.9	94.0	86.0	79.0-123			8.89	20
(S) Toluene-d8				102	102	80.0-120				
(S) 4-Bromofluorobenzene				91.7	90.9	77.0-126				
(S) 1,2-Dichloroethane-d4				98.4	97.6	70.0-130				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3727172-3 11/05/21 23:58

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

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R3727172-3 11/05/21 23:58

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
Tetrachloroethene	U		0.300	0.500
Toluene	U		0.278	0.500
1,1,2-Trichlorotrifluoroethane	U		0.180	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
1,2,3-Trimethylbenzene	U		0.104	0.500
1,2,4-Trimethylbenzene	U		0.322	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	114			80.0-120
(S) 4-Bromofluorobenzene	94.8			77.0-126
(S) 1,2-Dichloroethane-d4	99.1			70.0-130

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3727172-1 11/05/21 22:57 • (LCSD) R3727172-2 11/05/21 23:18

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	21.8	22.5	87.2	90.0	19.0-160			3.16	27
Acrolein	25.0	22.8	19.5	91.2	78.0	10.0-160			15.6	26
Acrylonitrile	25.0	23.7	23.4	94.8	93.6	55.0-149			1.27	20

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

(LCS) R3727172-1 11/05/21 22:57 • (LCSD) R3727172-2 11/05/21 23:18

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	5.09	5.29	102	106	70.0-123			3.85	20
Bromobenzene	5.00	4.50	4.62	90.0	92.4	73.0-121			2.63	20
Bromodichloromethane	5.00	4.71	4.80	94.2	96.0	75.0-120			1.89	20
Bromoform	5.00	4.01	4.09	80.2	81.8	68.0-132			1.98	20
Bromomethane	5.00	3.82	4.42	76.4	88.4	10.0-160			14.6	25
n-Butylbenzene	5.00	4.50	4.29	90.0	85.8	73.0-125			4.78	20
sec-Butylbenzene	5.00	4.76	4.99	95.2	99.8	75.0-125			4.72	20
tert-Butylbenzene	5.00	4.65	4.74	93.0	94.8	76.0-124			1.92	20
Carbon disulfide	5.00	4.58	5.14	91.6	103	61.0-128			11.5	20
Carbon tetrachloride	5.00	5.25	5.25	105	105	68.0-126			0.000	20
Chlorobenzene	5.00	5.03	4.82	101	96.4	80.0-121			4.26	20
Chlorodibromomethane	5.00	4.39	4.81	87.8	96.2	77.0-125			9.13	20
Chloroethane	5.00	5.25	5.71	105	114	47.0-150			8.39	20
Chloroform	5.00	5.57	5.34	111	107	73.0-120			4.22	20
Chloromethane	5.00	4.21	4.53	84.2	90.6	41.0-142			7.32	20
2-Chlorotoluene	5.00	5.03	5.02	101	100	76.0-123			0.199	20
4-Chlorotoluene	5.00	5.30	5.07	106	101	75.0-122			4.44	20
1,2-Dibromo-3-Chloropropane	5.00	4.72	4.60	94.4	92.0	58.0-134			2.58	20
1,2-Dibromoethane	5.00	5.15	5.19	103	104	80.0-122			0.774	20
Dibromomethane	5.00	5.62	5.21	112	104	80.0-120			7.57	20
1,2-Dichlorobenzene	5.00	5.21	4.77	104	95.4	79.0-121			8.82	20
1,3-Dichlorobenzene	5.00	4.84	4.99	96.8	99.8	79.0-120			3.05	20
1,4-Dichlorobenzene	5.00	5.00	5.17	100	103	79.0-120			3.34	20
Dichlorodifluoromethane	5.00	4.69	5.41	93.8	108	51.0-149			14.3	20
1,1-Dichloroethane	5.00	5.09	5.15	102	103	70.0-126			1.17	20
1,2-Dichloroethane	5.00	5.41	5.25	108	105	70.0-128			3.00	20
1,1-Dichloroethene	5.00	4.97	5.26	99.4	105	71.0-124			5.67	20
cis-1,2-Dichloroethene	5.00	5.23	4.67	105	93.4	73.0-120			11.3	20
trans-1,2-Dichloroethene	5.00	4.67	5.09	93.4	102	73.0-120			8.61	20
1,2-Dichloropropane	5.00	5.95	5.56	119	111	77.0-125			6.78	20
1,1-Dichloropropene	5.00	4.88	5.35	97.6	107	74.0-126			9.19	20
1,3-Dichloropropane	5.00	4.86	5.35	97.2	107	80.0-120			9.60	20
cis-1,3-Dichloropropene	5.00	4.76	4.32	95.2	86.4	80.0-123			9.69	20
trans-1,3-Dichloropropene	5.00	4.74	4.33	94.8	86.6	78.0-124			9.04	20
2,2-Dichloropropane	5.00	4.59	2.77	91.8	55.4	58.0-130		J3 J4	49.5	20
Di-isopropyl ether	5.00	5.13	5.22	103	104	58.0-138			1.74	20
Ethylbenzene	5.00	5.10	4.79	102	95.8	79.0-123			6.27	20
Hexachloro-1,3-butadiene	5.00	3.99	3.99	79.8	79.8	54.0-138			0.000	20
Isopropylbenzene	5.00	4.41	4.60	88.2	92.0	76.0-127			4.22	20
p-Isopropyltoluene	5.00	4.54	4.63	90.8	92.6	76.0-125			1.96	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

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

(LCS) R3727172-1 11/05/21 22:57 • (LCSD) R3727172-2 11/05/21 23:18

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2-Butanone (MEK)	25.0	19.5	21.1	78.0	84.4	44.0-160			7.88	20
Methylene Chloride	5.00	5.90	5.75	118	115	67.0-120			2.58	20
4-Methyl-2-pentanone (MIBK)	25.0	24.7	24.9	98.8	99.6	68.0-142			0.806	20
Methyl tert-butyl ether	5.00	4.99	5.13	99.8	103	68.0-125			2.77	20
Naphthalene	5.00	4.25	4.31	85.0	86.2	54.0-135			1.40	20
n-Propylbenzene	5.00	4.69	4.56	93.8	91.2	77.0-124			2.81	20
Styrene	5.00	4.27	4.44	85.4	88.8	73.0-130			3.90	20
1,1,1,2-Tetrachloroethane	5.00	4.42	4.64	88.4	92.8	75.0-125			4.86	20
1,1,2,2-Tetrachloroethane	5.00	5.19	3.79	104	75.8	65.0-130		J3	31.2	20
Tetrachloroethene	5.00	4.65	4.97	93.0	99.4	72.0-132			6.65	20
Toluene	5.00	4.90	5.07	98.0	101	79.0-120			3.41	20
1,1,2-Trichlorotrifluoroethane	5.00	5.05	5.65	101	113	69.0-132			11.2	20
1,2,3-Trichlorobenzene	5.00	4.21	4.65	84.2	93.0	50.0-138			9.93	20
1,2,4-Trichlorobenzene	5.00	4.62	4.59	92.4	91.8	57.0-137			0.651	20
1,1,1-Trichloroethane	5.00	5.26	5.23	105	105	73.0-124			0.572	20
1,1,2-Trichloroethane	5.00	4.59	4.86	91.8	97.2	80.0-120			5.71	20
Trichloroethene	5.00	4.85	6.36	97.0	127	78.0-124		J3 J4	26.9	20
Trichlorofluoromethane	5.00	5.24	5.67	105	113	59.0-147			7.88	20
1,2,3-Trichloropropane	5.00	5.43	5.44	109	109	73.0-130			0.184	20
1,2,3-Trimethylbenzene	5.00	4.89	4.74	97.8	94.8	77.0-120			3.12	20
1,2,4-Trimethylbenzene	5.00	4.60	4.71	92.0	94.2	76.0-121			2.36	20
1,3,5-Trimethylbenzene	5.00	4.85	4.71	97.0	94.2	76.0-122			2.93	20
Vinyl chloride	5.00	5.86	6.00	117	120	67.0-131			2.36	20
Xylenes, Total	15.0	14.3	13.7	95.3	91.3	79.0-123			4.29	20
(S) Toluene-d8				103	106	80.0-120				
(S) 4-Bromofluorobenzene				92.4	92.4	77.0-126				
(S) 1,2-Dichloroethane-d4				98.0	98.8	70.0-130				

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

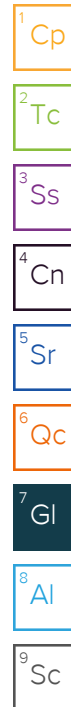
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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

Abbreviations and Definitions

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

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.



ACCREDITATIONS & LOCATIONS

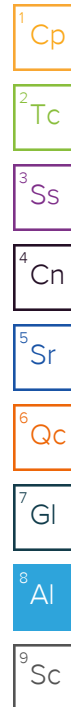
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

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

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company / Address:						Billing Information:	Analysis / Container / Preservative								Chain of Custody					
Cascade Corporation- Fairview, OR 2201 NE 201st Avenue Fairview, OR 97024-9718						Accounts Payable P.O. Box 20187 Portland, OR 97294-0187									Page 1 of 2					
Report to: Cindy Bartlett						Email To: CBartlett@Geosyntec.com; JLaurance@Geosyntec.com									Pace Analytical® 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf					
Project Description: Cascade TSA				City/State Collected: Fairview OR		Please Circle: ☒ PT ☐ MT ☐ CT ☐ ET										SDG # L426444				
Phone: 503-669-6286		Client Project # PNG0564S21		Lab Project # CASCORFOR-PNG0564		VOCs 8260D LL 40mAmb-HCl								C192						
Collected by (print): PAT YADON		Site/Facility ID #		P.O. #										Acctnum: CASCORFOR						
Collected by (signature): Patrick E. 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 #										Template: T190904						
Immediately Packed on Ice N ☐ Y ☒		Date Results Needed		No. of Cntrs										Prelogin: P859531 PM: 110 - Brian Ford						
Sample ID						Comp/Grab	Matrix *	Depth	Date	Time	Shipped Via:									
EW1-110221							GW		11/2/21	14:05	3	X	Remarks Sample # (lab only)							
EW2-110221							GW		11/2/21	13:50	3	X	-01							
EW14-110221							GW		11/2/21	14:50	3	X	-02							
DI7dg-110221							GW		11/2/21	14:30	3	X	-03							
DI7ds-110221							GW		11/2/21	14:40	3	X	-04							
EW12-110221							GW		11/2/21	15:00	3	X	-05							
CMW10ds-110221							GW		11/2/21	15:50	3	X	-06							
CMW10ds-110221-DUP							GW		11/2/21	15:51	3	X	-07							
CMW18ds-110221							GW		11/2/21	12:30	3	X	-08							
CMW17ds-110221							GW		11/2/21	12:50	3	X	-09							
* Matrix:						Remarks:						Sample Receipt Checklist								
SS - Soil AIR - Air F - Filter						pH _____ Temp _____						COC Seal Present/Intact: ☒ NP ☐ Y ☐ N								
☒ GW Groundwater B - Bioassay						Flow _____ Other _____						COC Signed/Accurate: ☒ Y ☐ N								
WW - Waste Water												Bottles arrive intact: ☒ Y ☐ N								
DW - Drinking Water												Correct bottles used: ☒ Y ☐ N								
OT - Other _____												Sufficient volume sent: ☒ Y ☐ N								
Samples returned via: ☐ UPS ☐ FedEx ☐ Courier						Tracking # 5217 3308 1040						If Applicable VOA Zero Headspace: ☒ Y ☐ N								
Relinquished by : (Signature) Patrick Yodon						Date: 11/2/21	Time: 18:00	Received by: (Signature) FED EX				Trip Blank Received: Yes ☐ No ☒ HCL / MeOH TBR								
Relinquished by : (Signature)						Date:	Time:	Received by: (Signature)				Temp: 7.7°C Bottles Received: 33								
Relinquished by : (Signature)						Date:	Time:	Received by: (Signature)				Date: 11/3/21 Time: 9:00 Hold: Condition: NCF / OK								

Company / Address: Cascade Corporation- Fairview, OR			Billing Information: Accounts Payable P.O. Box 20187 Portland, OR 97294-0187			Pres Chk		Analysis / Container / Preservative												Chain of Custody Page 2 of 2			
Report to: Cindy Bartlett			Email To: CBartlett@Geosyntec.com; JLaurance@Geosynt																	 12065 Lebanon Rd Mount Juliet, TN 37122 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf			
Project Description: Cascadia TSA			City/State Collected: Fairview OR.			Please Circle: PT MT CT ET																	
Phone: 503-669-6286			Client Project # PNG0564S21			Lab Project # CASCORFOR-PNG0564			VOCs 8260D LL 40mIAmb-HCI												SDG # L1426444		
Collected by (print): DAT YADON			Site/Facility ID #			P.O. #															Table #		
Collected by (signature): <i>[Signature]</i>			Rush? (Lab MUST Be Notified) Same Day _____ Five Day _____ Next Day _____ 5 Day (Rad Only) _____ Two Day _____ 10 Day (Rad Only) _____ Three Day _____ *STANDARD			Quote #															Acctnum: CASCORFOR		
Immediately Packed on Ice N ___ Y ☒						Date Results Needed															Template: T190904		
																					Prelogin: P859531		
Sample ID			Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs													PB:		
CMW19ds-110221				GW		11/2/21	15:30	3	X													Shipped Via:	
Temp Blank Lot# 472				GW		11/2/21	NA	1	X													Remarks Sample # (lab only)	
				GW																			
				GW																			
				GW																			
				GW																			
				GW																			
				GW																			
				GW																			
				GW																			
				GW																			
* Matrix:	SS - Soil AIR - Air F - Filter		Remarks:		Samples returned via: UPS FedEx Courier Tracking #				pH Temp Flow Other	Sample Receipt Checklist													
(GW) Groundwater B - Bioassay	WW - WasteWater DW - Drinking Water OT - Other									COC Seal Present/Intact: NP Y N COC Signed/Accurate: Y N Bottles arrive intact: Y N Correct bottles used: Y N Sufficient volume sent: Y N If Applicable VOA Zero Headspace: Y N Preservation Correct/Checked: Y N RAD Screen <0.5 mR/hr: Y N													
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)			Trip Blank Received: Yes No HCLY MeOH TBR			Bottles Received: If preservation required by Login: Date/Time														
<i>[Signature]</i>	11/2/21	18:00	<i>[Signature] Fed EX</i>			No			0.4-1=0.3 33														
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)			Date Time Hold Condition																	
						NCF OK																	