

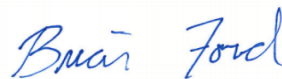
May 08, 2018

Cascade Corporation- Fairview, OR

Sample Delivery Group: L990332
Samples Received: 05/02/2018
Project Number: PNG0564S18
Description: Cascade Corp - TSA

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

Entire Report Reviewed By:



Brian Ford
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



EW1-050118 L990332-01 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 09:05	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 20:39	05/02/18 20:39	ACG

¹ Cp

² Tc

³ Ss

EW2-050118 L990332-02 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 09:15	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 20:57	05/02/18 20:57	ACG

⁴ Cn

⁵ Sr

EW14-050118 L990332-03 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 09:25	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 21:16	05/02/18 21:16	ACG

⁶ Qc

⁷ Gl

VMWA-050118 L990332-04 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 10:15	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 21:34	05/02/18 21:34	ACG

⁸ Al

⁹ Sc

VMWB-050118 L990332-05 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 10:50	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 21:53	05/02/18 21:53	ACG

VMWC-050118 L990332-06 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 10:35	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 22:12	05/02/18 22:12	ACG

VMWD-050118 L990332-07 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 11:10	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 22:31	05/02/18 22:31	ACG

EW12-050118-U L990332-08 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 11:30	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 22:49	05/02/18 22:49	ACG

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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



EW12-050118-L L990332-09 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 11:40	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 23:08	05/02/18 23:08	ACG

¹ Cp

² Tc

³ Ss

EW16-050118 L990332-10 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 12:55	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 23:27	05/02/18 23:27	ACG

⁴ Cn

⁵ Sr

D17DS-050118 L990332-11 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 12:00	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/03/18 00:11	05/03/18 00:11	ACG

⁶ Qc

⁷ Gl

CMW10DS-050118 L990332-12 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 13:25	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/03/18 00:30	05/03/18 00:30	ACG

⁸ Al

⁹ Sc

CMW17DS-050118 L990332-13 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 09:45	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/03/18 00:48	05/03/18 00:48	ACG

CMW18DS-050118 L990332-14 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 12:20	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/03/18 01:07	05/03/18 01:07	ACG

CMW18DS-050118-DUP L990332-15 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 12:21	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/03/18 01:26	05/03/18 01:26	ACG

CMW19DS-050118 L990332-16 GW

			Collected by Pat Yadon	Collected date/time 05/01/18 14:20	Received date/time 05/02/18 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/03/18 01:44	05/03/18 01:44	ACG

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CMW26DG-050118 L990332-17 GW

Collected by
Pat YadonCollected date/time
05/01/18 14:00Received date/time
05/02/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/03/18 02:03	05/03/18 02:03	ACG

TRIP BLANK LOT 394 L990332-18 GW

Collected by
Pat YadonCollected date/time
05/01/18 00:00Received date/time
05/02/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1106166	1	05/02/18 20:20	05/02/18 20:20	ACG

¹Cp²Tc³Ss⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc



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 radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. 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
Technical Service Representative

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/02/2018 20:39	WG1106166
Acrolein	ND		50.0	1	05/02/2018 20:39	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 20:39	WG1106166
Benzene	ND		0.500	1	05/02/2018 20:39	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 20:39	WG1106166
Bromoform	ND		0.500	1	05/02/2018 20:39	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 20:39	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 20:39	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 20:39	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 20:39	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 20:39	WG1106166
Chloroform	ND		0.500	1	05/02/2018 20:39	WG1106166
Chloromethane	ND		1.25	1	05/02/2018 20:39	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 20:39	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 20:39	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 20:39	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 20:39	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 20:39	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 20:39	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 20:39	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 20:39	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 20:39	WG1106166
cis-1,2-Dichloroethene	0.744		0.500	1	05/02/2018 20:39	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 20:39	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 20:39	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 20:39	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 20:39	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 20:39	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 20:39	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 20:39	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 20:39	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 20:39	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 20:39	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 20:39	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 20:39	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 20:39	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 20:39	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 20:39	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
Styrene	ND		0.500	1	05/02/2018 20:39	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 20:39	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 20:39	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 20:39	WG1106166
Tetrachloroethene	ND		0.500	1	05/02/2018 20:39	WG1106166
Toluene	ND		0.500	1	05/02/2018 20:39	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 20:39	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 20:39	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 20:39	WG1106166
Trichloroethene	3.32		0.500	1	05/02/2018 20:39	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 20:39	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 20:39	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 20:39	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 20:39	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 20:39	WG1106166
(S) Toluene-d8	104		80.0-120		05/02/2018 20:39	WG1106166
(S) Dibromofluoromethane	99.3		76.0-123		05/02/2018 20:39	WG1106166
(S) 4-Bromofluorobenzene	96.1		80.0-120		05/02/2018 20:39	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/02/2018 20:57	WG1106166
Acrolein	ND		50.0	1	05/02/2018 20:57	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 20:57	WG1106166
Benzene	ND		0.500	1	05/02/2018 20:57	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 20:57	WG1106166
Bromoform	ND		0.500	1	05/02/2018 20:57	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 20:57	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 20:57	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 20:57	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 20:57	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 20:57	WG1106166
Chloroform	ND		0.500	1	05/02/2018 20:57	WG1106166
Chloromethane	ND		1.25	1	05/02/2018 20:57	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 20:57	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 20:57	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 20:57	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 20:57	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 20:57	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 20:57	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 20:57	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 20:57	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 20:57	WG1106166
cis-1,2-Dichloroethene	1.30		0.500	1	05/02/2018 20:57	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 20:57	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 20:57	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 20:57	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 20:57	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 20:57	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 20:57	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 20:57	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 20:57	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 20:57	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 20:57	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 20:57	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 20:57	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 20:57	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 20:57	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 20:57	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
Styrene	ND		0.500	1	05/02/2018 20:57	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 20:57	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 20:57	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 20:57	WG1106166
Tetrachloroethene	0.897		0.500	1	05/02/2018 20:57	WG1106166
Toluene	ND		0.500	1	05/02/2018 20:57	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 20:57	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 20:57	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 20:57	WG1106166
Trichloroethene	12.1		0.500	1	05/02/2018 20:57	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 20:57	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 20:57	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 20:57	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 20:57	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 20:57	WG1106166
(S) Toluene-d8	102		80.0-120		05/02/2018 20:57	WG1106166
(S) Dibromofluoromethane	100		76.0-123		05/02/2018 20:57	WG1106166
(S) 4-Bromofluorobenzene	99.5		80.0-120		05/02/2018 20:57	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/02/2018 21:16	WG1106166
Acrolein	ND		50.0	1	05/02/2018 21:16	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 21:16	WG1106166
Benzene	ND		0.500	1	05/02/2018 21:16	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 21:16	WG1106166
Bromoform	ND		0.500	1	05/02/2018 21:16	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 21:16	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 21:16	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 21:16	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 21:16	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 21:16	WG1106166
Chloroform	ND		0.500	1	05/02/2018 21:16	WG1106166
Chloromethane	2.41		1.25	1	05/02/2018 21:16	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 21:16	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 21:16	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 21:16	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 21:16	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 21:16	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 21:16	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 21:16	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 21:16	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 21:16	WG1106166
cis-1,2-Dichloroethene	0.828		0.500	1	05/02/2018 21:16	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 21:16	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 21:16	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 21:16	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 21:16	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 21:16	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 21:16	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 21:16	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 21:16	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 21:16	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 21:16	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 21:16	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 21:16	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 21:16	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 21:16	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 21:16	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
Styrene	ND		0.500	1	05/02/2018 21:16	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 21:16	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 21:16	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 21:16	WG1106166
Tetrachloroethene	0.526		0.500	1	05/02/2018 21:16	WG1106166
Toluene	ND		0.500	1	05/02/2018 21:16	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 21:16	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 21:16	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 21:16	WG1106166
Trichloroethene	6.88		0.500	1	05/02/2018 21:16	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 21:16	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 21:16	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 21:16	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 21:16	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 21:16	WG1106166
(S) Toluene-d8	102		80.0-120		05/02/2018 21:16	WG1106166
(S) Dibromofluoromethane	100		76.0-123		05/02/2018 21:16	WG1106166
(S) 4-Bromofluorobenzene	96.5		80.0-120		05/02/2018 21:16	WG1106166

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/02/2018 21:34	WG1106166
Acrolein	ND		50.0	1	05/02/2018 21:34	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 21:34	WG1106166
Benzene	ND		0.500	1	05/02/2018 21:34	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 21:34	WG1106166
Bromoform	ND		0.500	1	05/02/2018 21:34	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 21:34	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 21:34	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 21:34	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 21:34	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 21:34	WG1106166
Chloroform	ND		0.500	1	05/02/2018 21:34	WG1106166
Chloromethane	ND		1.25	1	05/02/2018 21:34	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 21:34	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 21:34	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 21:34	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 21:34	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 21:34	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 21:34	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 21:34	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 21:34	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 21:34	WG1106166
cis-1,2-Dichloroethene	1.46		0.500	1	05/02/2018 21:34	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 21:34	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 21:34	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 21:34	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 21:34	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 21:34	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 21:34	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 21:34	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 21:34	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 21:34	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 21:34	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 21:34	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 21:34	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 21:34	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 21:34	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 21:34	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
Styrene	ND		0.500	1	05/02/2018 21:34	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 21:34	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 21:34	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 21:34	WG1106166
Tetrachloroethene	0.637		0.500	1	05/02/2018 21:34	WG1106166
Toluene	ND		0.500	1	05/02/2018 21:34	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 21:34	WG1106166

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/01/18 10:15

L990332

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 21:34	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 21:34	WG1106166
Trichloroethene	11.5		0.500	1	05/02/2018 21:34	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 21:34	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 21:34	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 21:34	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 21:34	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 21:34	WG1106166
(S) Toluene-d8	103		80.0-120		05/02/2018 21:34	WG1106166
(S) Dibromofluoromethane	101		76.0-123		05/02/2018 21:34	WG1106166
(S) 4-Bromofluorobenzene	94.0		80.0-120		05/02/2018 21:34	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/02/2018 21:53	WG1106166
Acrolein	ND		50.0	1	05/02/2018 21:53	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 21:53	WG1106166
Benzene	ND		0.500	1	05/02/2018 21:53	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 21:53	WG1106166
Bromoform	ND		0.500	1	05/02/2018 21:53	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 21:53	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 21:53	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 21:53	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 21:53	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 21:53	WG1106166
Chloroform	ND		0.500	1	05/02/2018 21:53	WG1106166
Chloromethane	ND		1.25	1	05/02/2018 21:53	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 21:53	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 21:53	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 21:53	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 21:53	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 21:53	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 21:53	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 21:53	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 21:53	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 21:53	WG1106166
cis-1,2-Dichloroethene	1.91		0.500	1	05/02/2018 21:53	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 21:53	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 21:53	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 21:53	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 21:53	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 21:53	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 21:53	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 21:53	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 21:53	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 21:53	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 21:53	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 21:53	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 21:53	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 21:53	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 21:53	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 21:53	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
Styrene	ND		0.500	1	05/02/2018 21:53	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 21:53	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 21:53	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 21:53	WG1106166
Tetrachloroethene	0.682		0.500	1	05/02/2018 21:53	WG1106166
Toluene	ND		0.500	1	05/02/2018 21:53	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 21:53	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 21:53	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 21:53	WG1106166
Trichloroethene	11.5		0.500	1	05/02/2018 21:53	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 21:53	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 21:53	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 21:53	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 21:53	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 21:53	WG1106166
(S) Toluene-d8	103		80.0-120		05/02/2018 21:53	WG1106166
(S) Dibromofluoromethane	101		76.0-123		05/02/2018 21:53	WG1106166
(S) 4-Bromofluorobenzene	96.1		80.0-120		05/02/2018 21:53	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/02/2018 22:12	WG1106166
Acrolein	ND		50.0	1	05/02/2018 22:12	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 22:12	WG1106166
Benzene	ND		0.500	1	05/02/2018 22:12	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 22:12	WG1106166
Bromoform	ND		0.500	1	05/02/2018 22:12	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 22:12	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 22:12	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 22:12	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 22:12	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 22:12	WG1106166
Chloroform	ND		0.500	1	05/02/2018 22:12	WG1106166
Chloromethane	ND		1.25	1	05/02/2018 22:12	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 22:12	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 22:12	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 22:12	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 22:12	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 22:12	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 22:12	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 22:12	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 22:12	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 22:12	WG1106166
cis-1,2-Dichloroethene	1.88		0.500	1	05/02/2018 22:12	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 22:12	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 22:12	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 22:12	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 22:12	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 22:12	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 22:12	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 22:12	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 22:12	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 22:12	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 22:12	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 22:12	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 22:12	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 22:12	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 22:12	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 22:12	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
Styrene	ND		0.500	1	05/02/2018 22:12	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 22:12	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 22:12	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 22:12	WG1106166
Tetrachloroethene	0.633		0.500	1	05/02/2018 22:12	WG1106166
Toluene	ND		0.500	1	05/02/2018 22:12	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 22:12	WG1106166

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/01/18 10:35

L990332

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 22:12	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 22:12	WG1106166
Trichloroethene	26.3		0.500	1	05/02/2018 22:12	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 22:12	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 22:12	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 22:12	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 22:12	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 22:12	WG1106166
(S) Toluene-d8	102		80.0-120		05/02/2018 22:12	WG1106166
(S) Dibromofluoromethane	98.9		76.0-123		05/02/2018 22:12	WG1106166
(S) 4-Bromofluorobenzene	97.4		80.0-120		05/02/2018 22:12	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/02/2018 22:31	WG1106166
Acrolein	ND		50.0	1	05/02/2018 22:31	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 22:31	WG1106166
Benzene	ND		0.500	1	05/02/2018 22:31	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 22:31	WG1106166
Bromoform	ND		0.500	1	05/02/2018 22:31	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 22:31	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 22:31	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 22:31	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 22:31	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 22:31	WG1106166
Chloroform	ND		0.500	1	05/02/2018 22:31	WG1106166
Chloromethane	ND		1.25	1	05/02/2018 22:31	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 22:31	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 22:31	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 22:31	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 22:31	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 22:31	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 22:31	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 22:31	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 22:31	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 22:31	WG1106166
cis-1,2-Dichloroethene	2.47		0.500	1	05/02/2018 22:31	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 22:31	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 22:31	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 22:31	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 22:31	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 22:31	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 22:31	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 22:31	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 22:31	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 22:31	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 22:31	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 22:31	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 22:31	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 22:31	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 22:31	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 22:31	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
Styrene	ND		0.500	1	05/02/2018 22:31	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 22:31	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 22:31	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 22:31	WG1106166
Tetrachloroethene	0.668		0.500	1	05/02/2018 22:31	WG1106166
Toluene	ND		0.500	1	05/02/2018 22:31	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 22:31	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 22:31	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 22:31	WG1106166
Trichloroethene	17.2		0.500	1	05/02/2018 22:31	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 22:31	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 22:31	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 22:31	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 22:31	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 22:31	WG1106166
(S) Toluene-d8	103		80.0-120		05/02/2018 22:31	WG1106166
(S) Dibromofluoromethane	99.3		76.0-123		05/02/2018 22:31	WG1106166
(S) 4-Bromofluorobenzene	95.6		80.0-120		05/02/2018 22:31	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/02/2018 22:49	WG1106166
Acrolein	ND		50.0	1	05/02/2018 22:49	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 22:49	WG1106166
Benzene	ND		0.500	1	05/02/2018 22:49	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 22:49	WG1106166
Bromoform	ND		0.500	1	05/02/2018 22:49	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 22:49	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 22:49	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 22:49	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 22:49	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 22:49	WG1106166
Chloroform	ND		0.500	1	05/02/2018 22:49	WG1106166
Chloromethane	ND		1.25	1	05/02/2018 22:49	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 22:49	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 22:49	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 22:49	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 22:49	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 22:49	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 22:49	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 22:49	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 22:49	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 22:49	WG1106166
cis-1,2-Dichloroethene	ND		0.500	1	05/02/2018 22:49	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 22:49	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 22:49	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 22:49	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 22:49	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 22:49	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 22:49	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 22:49	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 22:49	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 22:49	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 22:49	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 22:49	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 22:49	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 22:49	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 22:49	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 22:49	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
Styrene	ND		0.500	1	05/02/2018 22:49	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 22:49	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 22:49	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 22:49	WG1106166
Tetrachloroethene	ND		0.500	1	05/02/2018 22:49	WG1106166
Toluene	ND		0.500	1	05/02/2018 22:49	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 22:49	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 22:49	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 22:49	WG1106166
Trichloroethene	1.43		0.500	1	05/02/2018 22:49	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 22:49	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 22:49	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 22:49	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 22:49	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 22:49	WG1106166
(S) Toluene-d8	101		80.0-120		05/02/2018 22:49	WG1106166
(S) Dibromofluoromethane	99.1		76.0-123		05/02/2018 22:49	WG1106166
(S) 4-Bromofluorobenzene	95.6		80.0-120		05/02/2018 22:49	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/02/2018 23:08	WG1106166
Acrolein	ND		50.0	1	05/02/2018 23:08	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 23:08	WG1106166
Benzene	ND		0.500	1	05/02/2018 23:08	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 23:08	WG1106166
Bromoform	ND		0.500	1	05/02/2018 23:08	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 23:08	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 23:08	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 23:08	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 23:08	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 23:08	WG1106166
Chloroform	ND		0.500	1	05/02/2018 23:08	WG1106166
Chloromethane	ND		1.25	1	05/02/2018 23:08	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 23:08	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 23:08	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 23:08	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 23:08	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 23:08	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 23:08	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 23:08	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 23:08	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 23:08	WG1106166
cis-1,2-Dichloroethene	ND		0.500	1	05/02/2018 23:08	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 23:08	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 23:08	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 23:08	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 23:08	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 23:08	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 23:08	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 23:08	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 23:08	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 23:08	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 23:08	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 23:08	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 23:08	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 23:08	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 23:08	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 23:08	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
Styrene	ND		0.500	1	05/02/2018 23:08	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 23:08	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 23:08	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 23:08	WG1106166
Tetrachloroethene	ND		0.500	1	05/02/2018 23:08	WG1106166
Toluene	ND		0.500	1	05/02/2018 23:08	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 23:08	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 23:08	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 23:08	WG1106166
Trichloroethene	2.29		0.500	1	05/02/2018 23:08	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 23:08	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 23:08	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
1,1,3-Trimethylbenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 23:08	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 23:08	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 23:08	WG1106166
(S) Toluene-d8	103		80.0-120		05/02/2018 23:08	WG1106166
(S) Dibromofluoromethane	101		76.0-123		05/02/2018 23:08	WG1106166
(S) 4-Bromofluorobenzene	94.1		80.0-120		05/02/2018 23:08	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/02/2018 23:27	WG1106166
Acrolein	ND		50.0	1	05/02/2018 23:27	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 23:27	WG1106166
Benzene	ND		0.500	1	05/02/2018 23:27	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 23:27	WG1106166
Bromoform	ND		0.500	1	05/02/2018 23:27	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 23:27	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 23:27	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 23:27	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 23:27	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 23:27	WG1106166
Chloroform	ND		0.500	1	05/02/2018 23:27	WG1106166
Chloromethane	ND		1.25	1	05/02/2018 23:27	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 23:27	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 23:27	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 23:27	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 23:27	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 23:27	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 23:27	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 23:27	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 23:27	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 23:27	WG1106166
cis-1,2-Dichloroethene	ND		0.500	1	05/02/2018 23:27	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 23:27	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 23:27	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 23:27	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 23:27	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 23:27	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 23:27	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 23:27	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 23:27	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 23:27	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 23:27	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 23:27	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 23:27	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 23:27	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 23:27	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 23:27	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
Styrene	ND		0.500	1	05/02/2018 23:27	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 23:27	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 23:27	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 23:27	WG1106166
Tetrachloroethene	ND		0.500	1	05/02/2018 23:27	WG1106166
Toluene	ND		0.500	1	05/02/2018 23:27	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 23:27	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 23:27	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 23:27	WG1106166
Trichloroethene	ND		0.500	1	05/02/2018 23:27	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 23:27	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 23:27	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 23:27	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 23:27	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 23:27	WG1106166
(S) Toluene-d8	102		80.0-120		05/02/2018 23:27	WG1106166
(S) Dibromofluoromethane	98.7		76.0-123		05/02/2018 23:27	WG1106166
(S) 4-Bromofluorobenzene	96.5		80.0-120		05/02/2018 23:27	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	65.4		25.0	1	05/03/2018 00:11	WG1106166
Acrolein	ND		50.0	1	05/03/2018 00:11	WG1106166
Acrylonitrile	ND		5.00	1	05/03/2018 00:11	WG1106166
Benzene	ND		0.500	1	05/03/2018 00:11	WG1106166
Bromobenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
Bromodichloromethane	ND		0.500	1	05/03/2018 00:11	WG1106166
Bromoform	ND		0.500	1	05/03/2018 00:11	WG1106166
Bromomethane	ND		2.50	1	05/03/2018 00:11	WG1106166
n-Butylbenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
sec-Butylbenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
tert-Butylbenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
Carbon disulfide	ND		0.500	1	05/03/2018 00:11	WG1106166
Carbon tetrachloride	ND		0.500	1	05/03/2018 00:11	WG1106166
Chlorobenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
Chlorodibromomethane	ND		0.500	1	05/03/2018 00:11	WG1106166
Chloroethane	ND		2.50	1	05/03/2018 00:11	WG1106166
Chloroform	ND		0.500	1	05/03/2018 00:11	WG1106166
Chloromethane	ND		1.25	1	05/03/2018 00:11	WG1106166
2-Chlorotoluene	ND		0.500	1	05/03/2018 00:11	WG1106166
4-Chlorotoluene	ND		0.500	1	05/03/2018 00:11	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/03/2018 00:11	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/03/2018 00:11	WG1106166
Dibromomethane	ND		0.500	1	05/03/2018 00:11	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/03/2018 00:11	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/03/2018 00:11	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/03/2018 00:11	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/03/2018 00:11	WG1106166
cis-1,2-Dichloroethene	10.1		0.500	1	05/03/2018 00:11	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/03/2018 00:11	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/03/2018 00:11	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/03/2018 00:11	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/03/2018 00:11	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/03/2018 00:11	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/03/2018 00:11	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/03/2018 00:11	WG1106166
Di-isopropyl ether	ND		0.500	1	05/03/2018 00:11	WG1106166
Ethylbenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2018 00:11	WG1106166
Isopropylbenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/03/2018 00:11	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/03/2018 00:11	WG1106166
Methylene Chloride	ND		2.50	1	05/03/2018 00:11	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/03/2018 00:11	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/03/2018 00:11	WG1106166
Naphthalene	ND		2.50	1	05/03/2018 00:11	WG1106166
n-Propylbenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
Styrene	ND		0.500	1	05/03/2018 00:11	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/03/2018 00:11	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/03/2018 00:11	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/03/2018 00:11	WG1106166
Tetrachloroethene	1.25		0.500	1	05/03/2018 00:11	WG1106166
Toluene	ND		0.500	1	05/03/2018 00:11	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/03/2018 00:11	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/03/2018 00:11	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/03/2018 00:11	WG1106166
Trichloroethene	42.1		0.500	1	05/03/2018 00:11	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/03/2018 00:11	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/03/2018 00:11	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/03/2018 00:11	WG1106166
Vinyl chloride	ND		0.500	1	05/03/2018 00:11	WG1106166
Xylenes, Total	ND		1.50	1	05/03/2018 00:11	WG1106166
(S) Toluene-d8	102		80.0-120		05/03/2018 00:11	WG1106166
(S) Dibromofluoromethane	103		76.0-123		05/03/2018 00:11	WG1106166
(S) 4-Bromofluorobenzene	94.2		80.0-120		05/03/2018 00:11	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/03/2018 00:30	WG1106166
Acrolein	ND		50.0	1	05/03/2018 00:30	WG1106166
Acrylonitrile	ND		5.00	1	05/03/2018 00:30	WG1106166
Benzene	ND		0.500	1	05/03/2018 00:30	WG1106166
Bromobenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
Bromodichloromethane	ND		0.500	1	05/03/2018 00:30	WG1106166
Bromoform	ND		0.500	1	05/03/2018 00:30	WG1106166
Bromomethane	ND		2.50	1	05/03/2018 00:30	WG1106166
n-Butylbenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
sec-Butylbenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
tert-Butylbenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
Carbon disulfide	ND		0.500	1	05/03/2018 00:30	WG1106166
Carbon tetrachloride	ND		0.500	1	05/03/2018 00:30	WG1106166
Chlorobenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
Chlorodibromomethane	ND		0.500	1	05/03/2018 00:30	WG1106166
Chloroethane	ND		2.50	1	05/03/2018 00:30	WG1106166
Chloroform	ND		0.500	1	05/03/2018 00:30	WG1106166
Chloromethane	ND		1.25	1	05/03/2018 00:30	WG1106166
2-Chlorotoluene	ND		0.500	1	05/03/2018 00:30	WG1106166
4-Chlorotoluene	ND		0.500	1	05/03/2018 00:30	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/03/2018 00:30	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/03/2018 00:30	WG1106166
Dibromomethane	ND		0.500	1	05/03/2018 00:30	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/03/2018 00:30	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/03/2018 00:30	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/03/2018 00:30	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/03/2018 00:30	WG1106166
cis-1,2-Dichloroethene	ND		0.500	1	05/03/2018 00:30	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/03/2018 00:30	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/03/2018 00:30	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/03/2018 00:30	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/03/2018 00:30	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/03/2018 00:30	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/03/2018 00:30	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/03/2018 00:30	WG1106166
Di-isopropyl ether	ND		0.500	1	05/03/2018 00:30	WG1106166
Ethylbenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2018 00:30	WG1106166
Isopropylbenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/03/2018 00:30	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/03/2018 00:30	WG1106166
Methylene Chloride	ND		2.50	1	05/03/2018 00:30	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/03/2018 00:30	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/03/2018 00:30	WG1106166
Naphthalene	ND		2.50	1	05/03/2018 00:30	WG1106166
n-Propylbenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
Styrene	ND		0.500	1	05/03/2018 00:30	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/03/2018 00:30	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/03/2018 00:30	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/03/2018 00:30	WG1106166
Tetrachloroethene	0.713		0.500	1	05/03/2018 00:30	WG1106166
Toluene	ND		0.500	1	05/03/2018 00:30	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/03/2018 00:30	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/03/2018 00:30	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/03/2018 00:30	WG1106166
Trichloroethene	14.9		0.500	1	05/03/2018 00:30	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/03/2018 00:30	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/03/2018 00:30	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/03/2018 00:30	WG1106166
Vinyl chloride	ND		0.500	1	05/03/2018 00:30	WG1106166
Xylenes, Total	ND		1.50	1	05/03/2018 00:30	WG1106166
(S) Toluene-d8	102		80.0-120		05/03/2018 00:30	WG1106166
(S) Dibromofluoromethane	101		76.0-123		05/03/2018 00:30	WG1106166
(S) 4-Bromofluorobenzene	93.6		80.0-120		05/03/2018 00:30	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/03/2018 00:48	WG1106166
Acrolein	ND		50.0	1	05/03/2018 00:48	WG1106166
Acrylonitrile	ND		5.00	1	05/03/2018 00:48	WG1106166
Benzene	ND		0.500	1	05/03/2018 00:48	WG1106166
Bromobenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
Bromodichloromethane	ND		0.500	1	05/03/2018 00:48	WG1106166
Bromoform	ND		0.500	1	05/03/2018 00:48	WG1106166
Bromomethane	ND		2.50	1	05/03/2018 00:48	WG1106166
n-Butylbenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
sec-Butylbenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
tert-Butylbenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
Carbon disulfide	ND		0.500	1	05/03/2018 00:48	WG1106166
Carbon tetrachloride	ND		0.500	1	05/03/2018 00:48	WG1106166
Chlorobenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
Chlorodibromomethane	ND		0.500	1	05/03/2018 00:48	WG1106166
Chloroethane	ND		2.50	1	05/03/2018 00:48	WG1106166
Chloroform	0.513		0.500	1	05/03/2018 00:48	WG1106166
Chloromethane	ND		1.25	1	05/03/2018 00:48	WG1106166
2-Chlorotoluene	ND		0.500	1	05/03/2018 00:48	WG1106166
4-Chlorotoluene	ND		0.500	1	05/03/2018 00:48	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/03/2018 00:48	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/03/2018 00:48	WG1106166
Dibromomethane	ND		0.500	1	05/03/2018 00:48	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/03/2018 00:48	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/03/2018 00:48	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/03/2018 00:48	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/03/2018 00:48	WG1106166
cis-1,2-Dichloroethene	2.36		0.500	1	05/03/2018 00:48	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/03/2018 00:48	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/03/2018 00:48	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/03/2018 00:48	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/03/2018 00:48	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/03/2018 00:48	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/03/2018 00:48	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/03/2018 00:48	WG1106166
Di-isopropyl ether	ND		0.500	1	05/03/2018 00:48	WG1106166
Ethylbenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2018 00:48	WG1106166
Isopropylbenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/03/2018 00:48	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/03/2018 00:48	WG1106166
Methylene Chloride	ND		2.50	1	05/03/2018 00:48	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/03/2018 00:48	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/03/2018 00:48	WG1106166
Naphthalene	ND		2.50	1	05/03/2018 00:48	WG1106166
n-Propylbenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
Styrene	ND		0.500	1	05/03/2018 00:48	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/03/2018 00:48	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/03/2018 00:48	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/03/2018 00:48	WG1106166
Tetrachloroethene	0.791		0.500	1	05/03/2018 00:48	WG1106166
Toluene	ND		0.500	1	05/03/2018 00:48	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/03/2018 00:48	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/03/2018 00:48	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/03/2018 00:48	WG1106166
Trichloroethene	15.1		0.500	1	05/03/2018 00:48	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/03/2018 00:48	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/03/2018 00:48	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/03/2018 00:48	WG1106166
Vinyl chloride	ND		0.500	1	05/03/2018 00:48	WG1106166
Xylenes, Total	ND		1.50	1	05/03/2018 00:48	WG1106166
(S) Toluene-d8	103		80.0-120		05/03/2018 00:48	WG1106166
(S) Dibromofluoromethane	99.8		76.0-123		05/03/2018 00:48	WG1106166
(S) 4-Bromofluorobenzene	94.1		80.0-120		05/03/2018 00:48	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/03/2018 01:07	WG1106166
Acrolein	ND		50.0	1	05/03/2018 01:07	WG1106166
Acrylonitrile	ND		5.00	1	05/03/2018 01:07	WG1106166
Benzene	ND		0.500	1	05/03/2018 01:07	WG1106166
Bromobenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
Bromodichloromethane	ND		0.500	1	05/03/2018 01:07	WG1106166
Bromoform	ND		0.500	1	05/03/2018 01:07	WG1106166
Bromomethane	ND		2.50	1	05/03/2018 01:07	WG1106166
n-Butylbenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
sec-Butylbenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
tert-Butylbenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
Carbon disulfide	ND		0.500	1	05/03/2018 01:07	WG1106166
Carbon tetrachloride	ND		0.500	1	05/03/2018 01:07	WG1106166
Chlorobenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
Chlorodibromomethane	ND		0.500	1	05/03/2018 01:07	WG1106166
Chloroethane	ND		2.50	1	05/03/2018 01:07	WG1106166
Chloroform	ND		0.500	1	05/03/2018 01:07	WG1106166
Chloromethane	ND		1.25	1	05/03/2018 01:07	WG1106166
2-Chlorotoluene	ND		0.500	1	05/03/2018 01:07	WG1106166
4-Chlorotoluene	ND		0.500	1	05/03/2018 01:07	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/03/2018 01:07	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/03/2018 01:07	WG1106166
Dibromomethane	ND		0.500	1	05/03/2018 01:07	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/03/2018 01:07	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/03/2018 01:07	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/03/2018 01:07	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/03/2018 01:07	WG1106166
cis-1,2-Dichloroethene	9.62		0.500	1	05/03/2018 01:07	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/03/2018 01:07	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/03/2018 01:07	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/03/2018 01:07	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/03/2018 01:07	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/03/2018 01:07	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/03/2018 01:07	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/03/2018 01:07	WG1106166
Di-isopropyl ether	ND		0.500	1	05/03/2018 01:07	WG1106166
Ethylbenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2018 01:07	WG1106166
Isopropylbenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/03/2018 01:07	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/03/2018 01:07	WG1106166
Methylene Chloride	ND		2.50	1	05/03/2018 01:07	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/03/2018 01:07	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/03/2018 01:07	WG1106166
Naphthalene	ND		2.50	1	05/03/2018 01:07	WG1106166
n-Propylbenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
Styrene	ND		0.500	1	05/03/2018 01:07	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/03/2018 01:07	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/03/2018 01:07	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/03/2018 01:07	WG1106166
Tetrachloroethene	1.88		0.500	1	05/03/2018 01:07	WG1106166
Toluene	ND		0.500	1	05/03/2018 01:07	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/03/2018 01:07	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/03/2018 01:07	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/03/2018 01:07	WG1106166
Trichloroethene	62.7		0.500	1	05/03/2018 01:07	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/03/2018 01:07	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/03/2018 01:07	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/03/2018 01:07	WG1106166
Vinyl chloride	ND		0.500	1	05/03/2018 01:07	WG1106166
Xylenes, Total	ND		1.50	1	05/03/2018 01:07	WG1106166
(S) Toluene-d8	103		80.0-120		05/03/2018 01:07	WG1106166
(S) Dibromofluoromethane	99.9		76.0-123		05/03/2018 01:07	WG1106166
(S) 4-Bromofluorobenzene	94.2		80.0-120		05/03/2018 01:07	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/03/2018 01:26	WG1106166
Acrolein	ND		50.0	1	05/03/2018 01:26	WG1106166
Acrylonitrile	ND		5.00	1	05/03/2018 01:26	WG1106166
Benzene	ND		0.500	1	05/03/2018 01:26	WG1106166
Bromobenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
Bromodichloromethane	ND		0.500	1	05/03/2018 01:26	WG1106166
Bromoform	ND		0.500	1	05/03/2018 01:26	WG1106166
Bromomethane	ND		2.50	1	05/03/2018 01:26	WG1106166
n-Butylbenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
sec-Butylbenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
tert-Butylbenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
Carbon disulfide	ND		0.500	1	05/03/2018 01:26	WG1106166
Carbon tetrachloride	ND		0.500	1	05/03/2018 01:26	WG1106166
Chlorobenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
Chlorodibromomethane	ND		0.500	1	05/03/2018 01:26	WG1106166
Chloroethane	ND		2.50	1	05/03/2018 01:26	WG1106166
Chloroform	ND		0.500	1	05/03/2018 01:26	WG1106166
Chloromethane	ND		1.25	1	05/03/2018 01:26	WG1106166
2-Chlorotoluene	ND		0.500	1	05/03/2018 01:26	WG1106166
4-Chlorotoluene	ND		0.500	1	05/03/2018 01:26	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/03/2018 01:26	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/03/2018 01:26	WG1106166
Dibromomethane	ND		0.500	1	05/03/2018 01:26	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/03/2018 01:26	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/03/2018 01:26	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/03/2018 01:26	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/03/2018 01:26	WG1106166
cis-1,2-Dichloroethene	9.61		0.500	1	05/03/2018 01:26	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/03/2018 01:26	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/03/2018 01:26	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/03/2018 01:26	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/03/2018 01:26	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/03/2018 01:26	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/03/2018 01:26	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/03/2018 01:26	WG1106166
Di-isopropyl ether	ND		0.500	1	05/03/2018 01:26	WG1106166
Ethylbenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2018 01:26	WG1106166
Isopropylbenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/03/2018 01:26	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/03/2018 01:26	WG1106166
Methylene Chloride	ND		2.50	1	05/03/2018 01:26	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/03/2018 01:26	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/03/2018 01:26	WG1106166
Naphthalene	ND		2.50	1	05/03/2018 01:26	WG1106166
n-Propylbenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
Styrene	ND		0.500	1	05/03/2018 01:26	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/03/2018 01:26	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/03/2018 01:26	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/03/2018 01:26	WG1106166
Tetrachloroethene	1.94		0.500	1	05/03/2018 01:26	WG1106166
Toluene	ND		0.500	1	05/03/2018 01:26	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/03/2018 01:26	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/03/2018 01:26	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/03/2018 01:26	WG1106166
Trichloroethene	64.3		0.500	1	05/03/2018 01:26	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/03/2018 01:26	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/03/2018 01:26	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/03/2018 01:26	WG1106166
Vinyl chloride	ND		0.500	1	05/03/2018 01:26	WG1106166
Xylenes, Total	ND		1.50	1	05/03/2018 01:26	WG1106166
(S) Toluene-d8	102		80.0-120		05/03/2018 01:26	WG1106166
(S) Dibromofluoromethane	101		76.0-123		05/03/2018 01:26	WG1106166
(S) 4-Bromofluorobenzene	95.8		80.0-120		05/03/2018 01:26	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/03/2018 01:44	WG1106166
Acrolein	ND		50.0	1	05/03/2018 01:44	WG1106166
Acrylonitrile	ND		5.00	1	05/03/2018 01:44	WG1106166
Benzene	ND		0.500	1	05/03/2018 01:44	WG1106166
Bromobenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
Bromodichloromethane	ND		0.500	1	05/03/2018 01:44	WG1106166
Bromoform	ND		0.500	1	05/03/2018 01:44	WG1106166
Bromomethane	ND		2.50	1	05/03/2018 01:44	WG1106166
n-Butylbenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
sec-Butylbenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
tert-Butylbenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
Carbon disulfide	ND		0.500	1	05/03/2018 01:44	WG1106166
Carbon tetrachloride	ND		0.500	1	05/03/2018 01:44	WG1106166
Chlorobenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
Chlorodibromomethane	ND		0.500	1	05/03/2018 01:44	WG1106166
Chloroethane	ND		2.50	1	05/03/2018 01:44	WG1106166
Chloroform	ND		0.500	1	05/03/2018 01:44	WG1106166
Chloromethane	ND		1.25	1	05/03/2018 01:44	WG1106166
2-Chlorotoluene	ND		0.500	1	05/03/2018 01:44	WG1106166
4-Chlorotoluene	ND		0.500	1	05/03/2018 01:44	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/03/2018 01:44	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/03/2018 01:44	WG1106166
Dibromomethane	ND		0.500	1	05/03/2018 01:44	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/03/2018 01:44	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/03/2018 01:44	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/03/2018 01:44	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/03/2018 01:44	WG1106166
cis-1,2-Dichloroethene	ND		0.500	1	05/03/2018 01:44	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/03/2018 01:44	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/03/2018 01:44	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/03/2018 01:44	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/03/2018 01:44	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/03/2018 01:44	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/03/2018 01:44	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/03/2018 01:44	WG1106166
Di-isopropyl ether	ND		0.500	1	05/03/2018 01:44	WG1106166
Ethylbenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2018 01:44	WG1106166
Isopropylbenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/03/2018 01:44	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/03/2018 01:44	WG1106166
Methylene Chloride	ND		2.50	1	05/03/2018 01:44	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/03/2018 01:44	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/03/2018 01:44	WG1106166
Naphthalene	ND		2.50	1	05/03/2018 01:44	WG1106166
n-Propylbenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
Styrene	ND		0.500	1	05/03/2018 01:44	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/03/2018 01:44	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/03/2018 01:44	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/03/2018 01:44	WG1106166
Tetrachloroethene	ND		0.500	1	05/03/2018 01:44	WG1106166
Toluene	ND		0.500	1	05/03/2018 01:44	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/03/2018 01:44	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/03/2018 01:44	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/03/2018 01:44	WG1106166
Trichloroethene	ND		0.500	1	05/03/2018 01:44	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/03/2018 01:44	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/03/2018 01:44	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/03/2018 01:44	WG1106166
Vinyl chloride	ND		0.500	1	05/03/2018 01:44	WG1106166
Xylenes, Total	ND		1.50	1	05/03/2018 01:44	WG1106166
(S) Toluene-d8	103		80.0-120		05/03/2018 01:44	WG1106166
(S) Dibromofluoromethane	102		76.0-123		05/03/2018 01:44	WG1106166
(S) 4-Bromofluorobenzene	94.3		80.0-120		05/03/2018 01:44	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		25.0	1	05/03/2018 02:03	WG1106166
Acrolein	ND		50.0	1	05/03/2018 02:03	WG1106166
Acrylonitrile	ND		5.00	1	05/03/2018 02:03	WG1106166
Benzene	ND		0.500	1	05/03/2018 02:03	WG1106166
Bromobenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
Bromodichloromethane	ND		0.500	1	05/03/2018 02:03	WG1106166
Bromoform	ND		0.500	1	05/03/2018 02:03	WG1106166
Bromomethane	ND		2.50	1	05/03/2018 02:03	WG1106166
n-Butylbenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
sec-Butylbenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
tert-Butylbenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
Carbon disulfide	ND		0.500	1	05/03/2018 02:03	WG1106166
Carbon tetrachloride	ND		0.500	1	05/03/2018 02:03	WG1106166
Chlorobenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
Chlorodibromomethane	ND		0.500	1	05/03/2018 02:03	WG1106166
Chloroethane	ND		2.50	1	05/03/2018 02:03	WG1106166
Chloroform	ND		0.500	1	05/03/2018 02:03	WG1106166
Chloromethane	ND		1.25	1	05/03/2018 02:03	WG1106166
2-Chlorotoluene	ND		0.500	1	05/03/2018 02:03	WG1106166
4-Chlorotoluene	ND		0.500	1	05/03/2018 02:03	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/03/2018 02:03	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/03/2018 02:03	WG1106166
Dibromomethane	ND		0.500	1	05/03/2018 02:03	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/03/2018 02:03	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/03/2018 02:03	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/03/2018 02:03	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/03/2018 02:03	WG1106166
cis-1,2-Dichloroethene	ND		0.500	1	05/03/2018 02:03	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/03/2018 02:03	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/03/2018 02:03	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/03/2018 02:03	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/03/2018 02:03	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/03/2018 02:03	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/03/2018 02:03	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/03/2018 02:03	WG1106166
Di-isopropyl ether	ND		0.500	1	05/03/2018 02:03	WG1106166
Ethylbenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/03/2018 02:03	WG1106166
Isopropylbenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/03/2018 02:03	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/03/2018 02:03	WG1106166
Methylene Chloride	ND		2.50	1	05/03/2018 02:03	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/03/2018 02:03	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/03/2018 02:03	WG1106166
Naphthalene	ND		2.50	1	05/03/2018 02:03	WG1106166
n-Propylbenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
Styrene	ND		0.500	1	05/03/2018 02:03	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/03/2018 02:03	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/03/2018 02:03	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/03/2018 02:03	WG1106166
Tetrachloroethene	ND		0.500	1	05/03/2018 02:03	WG1106166
Toluene	ND		0.500	1	05/03/2018 02:03	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/03/2018 02:03	WG1106166

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 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/03/2018 02:03	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/03/2018 02:03	WG1106166
Trichloroethene	3.24		0.500	1	05/03/2018 02:03	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/03/2018 02:03	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/03/2018 02:03	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/03/2018 02:03	WG1106166
Vinyl chloride	ND		0.500	1	05/03/2018 02:03	WG1106166
Xylenes, Total	ND		1.50	1	05/03/2018 02:03	WG1106166
(S) Toluene-d8	102		80.0-120		05/03/2018 02:03	WG1106166
(S) Dibromofluoromethane	100		76.0-123		05/03/2018 02:03	WG1106166
(S) 4-Bromofluorobenzene	94.3		80.0-120		05/03/2018 02:03	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	90.5		25.0	1	05/02/2018 20:20	WG1106166
Acrolein	ND		50.0	1	05/02/2018 20:20	WG1106166
Acrylonitrile	ND		5.00	1	05/02/2018 20:20	WG1106166
Benzene	ND		0.500	1	05/02/2018 20:20	WG1106166
Bromobenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
Bromodichloromethane	ND		0.500	1	05/02/2018 20:20	WG1106166
Bromoform	ND		0.500	1	05/02/2018 20:20	WG1106166
Bromomethane	ND		2.50	1	05/02/2018 20:20	WG1106166
n-Butylbenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
sec-Butylbenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
tert-Butylbenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
Carbon disulfide	ND		0.500	1	05/02/2018 20:20	WG1106166
Carbon tetrachloride	ND		0.500	1	05/02/2018 20:20	WG1106166
Chlorobenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
Chlorodibromomethane	ND		0.500	1	05/02/2018 20:20	WG1106166
Chloroethane	ND		2.50	1	05/02/2018 20:20	WG1106166
Chloroform	ND		0.500	1	05/02/2018 20:20	WG1106166
Chloromethane	ND		1.25	1	05/02/2018 20:20	WG1106166
2-Chlorotoluene	ND		0.500	1	05/02/2018 20:20	WG1106166
4-Chlorotoluene	ND		0.500	1	05/02/2018 20:20	WG1106166
1,2-Dibromo-3-Chloropropane	ND		2.50	1	05/02/2018 20:20	WG1106166
1,2-Dibromoethane	ND		0.500	1	05/02/2018 20:20	WG1106166
Dibromomethane	ND		0.500	1	05/02/2018 20:20	WG1106166
1,2-Dichlorobenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
1,3-Dichlorobenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
1,4-Dichlorobenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
Dichlorodifluoromethane	ND		2.50	1	05/02/2018 20:20	WG1106166
1,1-Dichloroethane	ND		0.500	1	05/02/2018 20:20	WG1106166
1,2-Dichloroethane	ND		0.500	1	05/02/2018 20:20	WG1106166
1,1-Dichloroethene	ND		0.500	1	05/02/2018 20:20	WG1106166
cis-1,2-Dichloroethene	ND		0.500	1	05/02/2018 20:20	WG1106166
trans-1,2-Dichloroethene	ND		0.500	1	05/02/2018 20:20	WG1106166
1,2-Dichloropropane	ND		0.500	1	05/02/2018 20:20	WG1106166
1,1-Dichloropropene	ND		0.500	1	05/02/2018 20:20	WG1106166
1,3-Dichloropropane	ND		1.00	1	05/02/2018 20:20	WG1106166
cis-1,3-Dichloropropene	ND		0.500	1	05/02/2018 20:20	WG1106166
trans-1,3-Dichloropropene	ND		0.500	1	05/02/2018 20:20	WG1106166
2,2-Dichloropropane	ND		0.500	1	05/02/2018 20:20	WG1106166
Di-isopropyl ether	ND		0.500	1	05/02/2018 20:20	WG1106166
Ethylbenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
Hexachloro-1,3-butadiene	ND		1.00	1	05/02/2018 20:20	WG1106166
Isopropylbenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
p-Isopropyltoluene	ND		0.500	1	05/02/2018 20:20	WG1106166
2-Butanone (MEK)	ND		5.00	1	05/02/2018 20:20	WG1106166
Methylene Chloride	ND		2.50	1	05/02/2018 20:20	WG1106166
4-Methyl-2-pentanone (MIBK)	ND		5.00	1	05/02/2018 20:20	WG1106166
Methyl tert-butyl ether	ND		0.500	1	05/02/2018 20:20	WG1106166
Naphthalene	ND		2.50	1	05/02/2018 20:20	WG1106166
n-Propylbenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
Styrene	ND		0.500	1	05/02/2018 20:20	WG1106166
1,1,1,2-Tetrachloroethane	ND		0.500	1	05/02/2018 20:20	WG1106166
1,1,2,2-Tetrachloroethane	ND		0.500	1	05/02/2018 20:20	WG1106166
1,1,2-Trichlorotrifluoroethane	ND		0.500	1	05/02/2018 20:20	WG1106166
Tetrachloroethene	ND		0.500	1	05/02/2018 20:20	WG1106166
Toluene	ND		0.500	1	05/02/2018 20:20	WG1106166
1,2,3-Trichlorobenzene	ND		0.500	1	05/02/2018 20:20	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
1,1,1-Trichloroethane	ND		0.500	1	05/02/2018 20:20	WG1106166
1,1,2-Trichloroethane	ND		0.500	1	05/02/2018 20:20	WG1106166
Trichloroethene	ND		0.500	1	05/02/2018 20:20	WG1106166
Trichlorofluoromethane	ND		2.50	1	05/02/2018 20:20	WG1106166
1,2,3-Trichloropropane	ND		2.50	1	05/02/2018 20:20	WG1106166
1,2,4-Trimethylbenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
1,2,3-Trimethylbenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
1,3,5-Trimethylbenzene	ND		0.500	1	05/02/2018 20:20	WG1106166
Vinyl chloride	ND		0.500	1	05/02/2018 20:20	WG1106166
Xylenes, Total	ND		1.50	1	05/02/2018 20:20	WG1106166
(S) Toluene-d8	104		80.0-120		05/02/2018 20:20	WG1106166
(S) Dibromofluoromethane	99.9		76.0-123		05/02/2018 20:20	WG1106166
(S) 4-Bromofluorobenzene	95.8		80.0-120		05/02/2018 20:20	WG1106166

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Method Blank (MB)

(MB) R3307932-2 05/02/18 20:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		1.05	25.0
Acrolein	U		3.97	50.0
Acrylonitrile	U		0.873	5.00
Benzene	U		0.0896	0.500
Bromobenzene	U		0.133	0.500
Bromodichloromethane	U		0.0800	0.500
Bromoform	U		0.186	0.500
Bromomethane	U		0.157	2.50
n-Butylbenzene	U		0.143	0.500
sec-Butylbenzene	U		0.134	0.500
tert-Butylbenzene	U		0.183	0.500
Carbon disulfide	U		0.101	0.500
Carbon tetrachloride	U		0.159	0.500
Chlorobenzene	U		0.140	0.500
Chlorodibromomethane	U		0.128	0.500
Chloroethane	U		0.141	2.50
Chloroform	U		0.0860	0.500
Chloromethane	U		0.153	1.25
2-Chlorotoluene	U		0.111	0.500
4-Chlorotoluene	U		0.0972	0.500
1,2-Dibromo-3-Chloropropane	U		0.325	2.50
1,2-Dibromoethane	U		0.193	0.500
Dibromomethane	U		0.117	0.500
1,2-Dichlorobenzene	U		0.101	0.500
1,3-Dichlorobenzene	U		0.130	0.500
1,4-Dichlorobenzene	U		0.121	0.500
Dichlorodifluoromethane	U		0.127	2.50
1,1-Dichloroethane	U		0.114	0.500
1,2-Dichloroethane	U		0.108	0.500
1,1-Dichloroethene	U		0.188	0.500
cis-1,2-Dichloroethene	U		0.0933	0.500
trans-1,2-Dichloroethene	U		0.152	0.500
1,2-Dichloropropane	U		0.190	0.500
1,1-Dichloropropene	U		0.128	0.500
1,3-Dichloropropane	U		0.147	1.00
cis-1,3-Dichloropropene	U		0.0976	0.500
trans-1,3-Dichloropropene	U		0.222	0.500
2,2-Dichloropropane	U		0.0929	0.500
Di-isopropyl ether	U		0.0924	0.500
Ethylbenzene	U		0.158	0.500

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R3307932-2 05/02/18 20:01

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	0.209	U	0.157	1.00
Isopropylbenzene	U		0.126	0.500
p-Isopropyltoluene	U		0.138	0.500
2-Butanone (MEK)	U		1.28	5.00
Methylene Chloride	U		1.07	2.50
4-Methyl-2-pentanone (MIBK)	U		0.823	5.00
Methyl tert-butyl ether	U		0.102	0.500
Naphthalene	U		0.174	2.50
n-Propylbenzene	U		0.162	0.500
Styrene	U		0.117	0.500
1,1,1,2-Tetrachloroethane	U		0.120	0.500
1,1,2,2-Tetrachloroethane	U		0.130	0.500
1,1,2-Trichlorotrifluoroethane	U		0.164	0.500
Tetrachloroethene	U		0.199	0.500
Toluene	U		0.412	0.500
1,2,3-Trichlorobenzene	U		0.164	0.500
1,2,4-Trichlorobenzene	U		0.355	0.500
1,1,1-Trichloroethane	U		0.0940	0.500
1,1,2-Trichloroethane	U		0.186	0.500
Trichloroethene	U		0.153	0.500
Trichlorofluoromethane	U		0.130	2.50
1,2,3-Trichloropropane	U		0.247	2.50
1,2,4-Trimethylbenzene	U		0.123	0.500
1,2,3-Trimethylbenzene	U		0.0739	0.500
1,3,5-Trimethylbenzene	U		0.124	0.500
Vinyl chloride	U		0.118	0.500
Xylenes, Total	U		0.316	1.50
(S) Toluene-d8	102			80.0-120
(S) Dibromofluoromethane	97.5			76.0-123
(S) 4-Bromofluorobenzene	95.3			80.0-120

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

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Qc

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Gl

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Al

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Sc

Laboratory Control Sample (LCS)

(LCS) R3307932-1 05/02/18 19:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	125	144	115	10.0-160	
Acrolein	125	45.1	36.1	10.0-160	
Acrylonitrile	125	131	105	60.0-142	



Laboratory Control Sample (LCS)

(LCS) R3307932-1 05/02/18 19:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	25.0	25.4	101	69.0-123	
Bromobenzene	25.0	23.6	94.4	79.0-120	
Bromodichloromethane	25.0	25.1	100	76.0-120	
Bromoform	25.0	23.6	94.3	67.0-132	
Bromomethane	25.0	26.6	107	18.0-160	
n-Butylbenzene	25.0	25.2	101	72.0-126	
sec-Butylbenzene	25.0	26.1	104	74.0-121	
tert-Butylbenzene	25.0	25.6	102	75.0-122	
Carbon disulfide	25.0	26.4	106	55.0-127	
Carbon tetrachloride	25.0	22.8	91.4	63.0-122	
Chlorobenzene	25.0	25.2	101	79.0-121	
Chlorodibromomethane	25.0	24.3	97.4	75.0-125	
Chloroethane	25.0	27.9	112	47.0-152	
Chloroform	25.0	25.0	99.9	72.0-121	
Chloromethane	25.0	28.9	116	48.0-139	
2-Chlorotoluene	25.0	24.5	97.8	74.0-122	
4-Chlorotoluene	25.0	24.4	97.7	79.0-120	
1,2-Dibromo-3-Chloropropane	25.0	23.6	94.3	64.0-127	
1,2-Dibromoethane	25.0	25.0	99.8	77.0-123	
Dibromomethane	25.0	25.5	102	78.0-120	
1,2-Dichlorobenzene	25.0	24.0	96.1	80.0-120	
1,3-Dichlorobenzene	25.0	24.6	98.3	72.0-123	
1,4-Dichlorobenzene	25.0	24.1	96.2	77.0-120	
Dichlorodifluoromethane	25.0	23.5	94.1	49.0-155	
1,1-Dichloroethane	25.0	26.5	106	70.0-126	
1,2-Dichloroethane	25.0	25.7	103	67.0-126	
1,1-Dichloroethene	25.0	25.8	103	64.0-129	
cis-1,2-Dichloroethene	25.0	24.3	97.1	73.0-120	
trans-1,2-Dichloroethene	25.0	24.9	99.4	71.0-121	
1,2-Dichloropropane	25.0	26.8	107	75.0-125	
1,1-Dichloropropene	25.0	26.4	105	71.0-129	
1,3-Dichloropropane	25.0	25.6	103	80.0-121	
cis-1,3-Dichloropropene	25.0	25.5	102	79.0-123	
trans-1,3-Dichloropropene	25.0	25.4	102	74.0-127	
2,2-Dichloropropane	25.0	22.3	89.0	60.0-125	
Di-isopropyl ether	25.0	28.0	112	59.0-133	
Ethylbenzene	25.0	25.6	103	77.0-120	
Hexachloro-1,3-butadiene	25.0	24.7	98.9	64.0-131	
Isopropylbenzene	25.0	24.8	99.1	75.0-120	
p-Isopropyltoluene	25.0	25.6	102	74.0-126	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Laboratory Control Sample (LCS)

(LCS) R3307932-1 05/02/18 19:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
2-Butanone (MEK)	125	136	109	37.0-158	
Methylene Chloride	25.0	24.6	98.3	66.0-121	
4-Methyl-2-pentanone (MIBK)	125	140	112	59.0-143	
Methyl tert-butyl ether	25.0	24.7	98.7	64.0-123	
Naphthalene	25.0	24.3	97.1	62.0-128	
n-Propylbenzene	25.0	24.9	99.4	79.0-120	
Styrene	25.0	24.1	96.2	78.0-124	
1,1,1,2-Tetrachloroethane	25.0	24.9	99.7	75.0-122	
1,1,2,2-Tetrachloroethane	25.0	20.5	82.0	71.0-122	
1,1,2-Trichlorotrifluoroethane	25.0	24.4	97.6	61.0-136	
Tetrachloroethene	25.0	25.2	101	70.0-127	
Toluene	25.0	25.0	99.9	77.0-120	
1,2,3-Trichlorobenzene	25.0	24.1	96.4	61.0-133	
1,2,4-Trichlorobenzene	25.0	24.3	97.1	69.0-129	
1,1,1-Trichloroethane	25.0	25.5	102	68.0-122	
1,1,2-Trichloroethane	25.0	24.3	97.2	78.0-120	
Trichloroethene	25.0	27.6	111	78.0-120	
Trichlorofluoromethane	25.0	26.4	106	56.0-137	
1,2,3-Trichloropropane	25.0	23.1	92.3	72.0-124	
1,2,4-Trimethylbenzene	25.0	24.9	99.5	75.0-120	
1,2,3-Trimethylbenzene	25.0	25.0	100	75.0-120	
1,3,5-Trimethylbenzene	25.0	24.4	97.6	75.0-120	
Vinyl chloride	25.0	29.7	119	64.0-133	
Xylenes, Total	75.0	75.5	101	77.0-120	
(S) Toluene-d8			103	80.0-120	
(S) Dibromofluoromethane			97.2	76.0-123	
(S) 4-Bromofluorobenzene			96.2	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



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.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
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.
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

J	The identification of the analyte is acceptable; the reported value is an estimate.
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¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* 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 ESC Lab Sciences.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	n/a
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	TN2000002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T 104704245-17-14
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

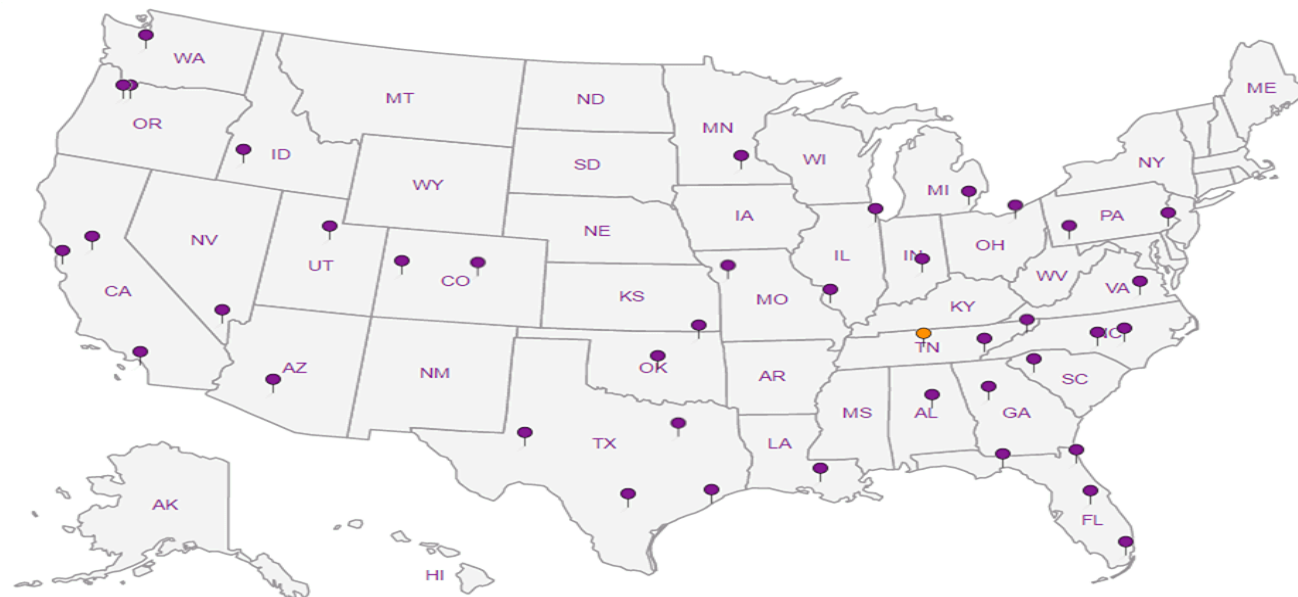
Third Party Federal Accreditations

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

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



Project Information								Analytical Information										Matrix Codes	
Project Name: Cascade Corp - TSA																		DW = Drinking Water GW = Ground Water WW = Water SW = Surface Water SO = Soil SL = Sludge OI = Oil LIQ = Other Liquid AIR = Air SOL = Other Solid WP = Wipe	
Street: 2525 NE 201st Ave																			
City: Fairview State: OR																			
Project No.: PNG0564S18																			
Project Contact: Cindy Bartlett, Barb Lary																			
Email: cbartlett@geosyntec.com																			
Sampler(s) Name(s) (Printed): Pat Yaden																			
Client/Owner: Cascade Corp																			
Sample Identification		Collection			Container Information			VOCs - EPA Method 8260											Remarks
	Date:	Time:	Matrix:	Total No. of Bottles:	Other:	None:	Preserved:												
EW1-050118	5/1/18	9:05	W	3			HCl	X									21		
EW2-050118	5/1/18	9:15	W	3			HCl	X									22		
EW4-050118	5/1/18	9:25	W	3				X									23		
VMWA-050118	5/1/18	10:15	W	3				X									24		
VMWB-050118	5/1/18	10:50	W	3				X									25		
VMWC-050118	5/1/18	10:35	W	3				X									26		
VMWD-050118	5/1/18	11:10	W	3				X									27		
EW12-050118 - U	5/1/18	11:30	W	3				X									28		
EW12-050118 - L	5/1/18	11:40	W	3				X									29		
EW16-050118	5/1/18	12:55	W	3				X									30		
D17ds-050118	5/1/18	12:00	W	3				X									31		
CMW10ds-050118	5/1/18	13:25	W	3				X									32		
CMW17ds-050118	5/1/18	9:45	W	3				X									33		
CMW18ds-050118	5/1/18	12:20	W	3				X									34		
CMW18ds-050118-DUP	5/1/18	12:21	W	3				X									35		
Laboratory:		Turnaround Time:			Total No. of Containers:			51 + 1TB		Method of Shipment:		Laboratory Comments and Log No.:							
Relinquished by (Signature):		Date:		Relinquished by (Signature):		Date:		Relinquished by (Signature):		Date:		rec'd 5/1 + 1TB 346 646 61860 1.4 mg/l							
Printed Name:		Time:		Printed Name:		Time:		Printed Name:		Time:									
Company:				Company:				Company:											
Received by:		Date:		Received by:		Date:		Received by:		Date:									
Printed Name:		Time:		Printed Name:		Time:		Printed Name:		Time:									
Company:				Company:				Company:											

CHAIN-OF-CUSTODY RECORD

[illegible]

ESC LAB SCIENCES Cooler Receipt Form

Client: <u>CASCORFOR</u>	SDG#	990332	
Cooler Received/Opened On: <u>5/2 /18</u>	Temperature:	<u>14</u>	
Received By: <u>Ian White</u>			
Signature: <u>Ian White</u>			
Receipt Check List	NP	Yes	No
COC Seal Present / Intact?	/		
COC Signed / Accurate?		/	
Bottles arrive intact?		/	
Correct bottles used?		/	
Sufficient volume sent?		/	
If Applicable		/	
VOA Zero headspace?			
Preservation Correct / Checked?			