

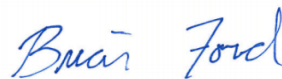
November 09, 2017

Oregon Dept. of Env. Quality - ODEQ

Sample Delivery Group: L948249
Samples Received: 11/03/2017
Project Number: 79
Description: Montezuma West 19-63680-34377-663300

Report To: Mallory Ott
165 East 7th Ave.
Ste. 100
Eugene, OR 97401

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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MW-11 L948249-01 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 14:14	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 02:55	11/04/17 02:55	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/03/17 20:48	11/03/17 20:48	BMB

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

MW-14 L948249-02 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 14:43	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 03:14	11/04/17 03:14	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/03/17 21:08	11/03/17 21:08	BMB

MW-17 L948249-03 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 14:05	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 03:34	11/04/17 03:34	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	50	11/08/17 18:41	11/08/17 18:41	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/03/17 21:27	11/03/17 21:27	BMB

DW-18 L948249-04 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 15:52	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 03:54	11/04/17 03:54	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/08/17 18:21	11/08/17 18:21	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/03/17 21:47	11/03/17 21:47	BMB

DW-19 L948249-05 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 16:00	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 04:13	11/04/17 04:13	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/03/17 22:06	11/03/17 22:06	BMB

DW-20 L948249-06 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 16:15	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 04:33	11/04/17 04:33	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/03/17 22:26	11/03/17 22:26	BMB

DW-21 L948249-07 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 15:44	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 04:53	11/04/17 04:53	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/03/17 22:46	11/03/17 22:46	BMB



DW-23 L948249-08 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 15:33	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 05:13	11/04/17 05:13	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/03/17 23:05	11/03/17 23:05	BMB

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

DW-25 L948249-09 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 13:40	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 05:33	11/04/17 05:33	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/03/17 23:25	11/03/17 23:25	BMB

DW-25F L948249-10 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 13:45	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 05:52	11/04/17 05:52	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/03/17 23:45	11/03/17 23:45	BMB

DW-27 L948249-11 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 15:14	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 06:12	11/04/17 06:12	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/04/17 00:04	11/04/17 00:04	BMB

PW-3 L948249-12 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 13:24	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 06:31	11/04/17 06:31	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/04/17 00:23	11/04/17 00:23	BMB

PW-3F L948249-13 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 13:30	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 06:51	11/04/17 06:51	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/04/17 00:42	11/04/17 00:42	BMB

DUP-1 L948249-14 GW

			Collected by	Collected date/time	Received date/time
			Mallory Ott	11/01/17 00:00	11/03/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 07:11	11/04/17 07:11	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/04/17 01:02	11/04/17 01:02	BMB

TRIP BLANK L948249-15 GW

Collected by
Mallory Ott

Collected date/time
11/01/17 00:00

Received date/time
11/03/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1039018	1	11/04/17 02:15	11/04/17 02:15	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1039038	1	11/04/17 01:22	11/04/17 01:22	BMB

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. 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	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	19.1	J	10.0	50.0	1	11/04/2017 02:55	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 02:55	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 02:55	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 02:55	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 02:55	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 02:55	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 02:55	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 02:55	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 02:55	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 02:55	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 02:55	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 02:55	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 02:55	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 02:55	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 02:55	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 02:55	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 02:55	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 02:55	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 02:55	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 02:55	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 02:55	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 02:55	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 02:55	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 02:55	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 02:55	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 02:55	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 02:55	WG1039018
1,1-Dichloroethane	0.723	J	0.259	1.00	1	11/04/2017 02:55	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 02:55	WG1039018
1,1-Dichloroethene	8.31		0.398	1.00	1	11/04/2017 02:55	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 02:55	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 02:55	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 02:55	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 02:55	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 02:55	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 02:55	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 02:55	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 02:55	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 02:55	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 02:55	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 02:55	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 02:55	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 02:55	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 02:55	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 02:55	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 02:55	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 02:55	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 02:55	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 02:55	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 02:55	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 02:55	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 02:55	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 02:55	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 02:55	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 02:55	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 02:55	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 14:14

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 02:55	WG1039018
1,1,1-Trichloroethane	11.3		0.319	1.00	1	11/04/2017 02:55	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 02:55	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 02:55	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 02:55	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 02:55	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 02:55	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 02:55	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 02:55	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 02:55	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 02:55	WG1039018
(S) Toluene-d8	109			80.0-120		11/04/2017 02:55	WG1039018
(S) Dibromofluoromethane	104			76.0-123		11/04/2017 02:55	WG1039018
(S) 4-Bromofluorobenzene	92.1			80.0-120		11/04/2017 02:55	WG1039018

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.597	3.00	1	11/03/2017 20:48	WG1039038
(S) Toluene-d8	97.5			78.0-122		11/03/2017 20:48	WG1039038



Collected date/time: 11/01/17 14:43

L948249

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 03:14	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 03:14	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 03:14	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 03:14	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 03:14	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 03:14	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 03:14	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 03:14	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 03:14	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 03:14	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 03:14	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 03:14	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 03:14	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 03:14	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 03:14	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 03:14	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 03:14	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 03:14	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 03:14	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 03:14	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 03:14	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 03:14	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 03:14	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 03:14	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 03:14	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 03:14	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 03:14	WG1039018
1,1-Dichloroethane	0.446	J	0.259	1.00	1	11/04/2017 03:14	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 03:14	WG1039018
1,1-Dichloroethene	3.76		0.398	1.00	1	11/04/2017 03:14	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 03:14	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 03:14	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 03:14	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 03:14	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 03:14	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 03:14	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 03:14	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 03:14	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 03:14	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 03:14	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 03:14	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 03:14	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 03:14	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 03:14	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 03:14	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 03:14	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 03:14	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 03:14	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 03:14	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 03:14	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 03:14	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 03:14	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 03:14	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 03:14	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 03:14	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 03:14	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 14:43

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 03:14	WG1039018
1,1,1-Trichloroethane	1.01		0.319	1.00	1	11/04/2017 03:14	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 03:14	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 03:14	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 03:14	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 03:14	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 03:14	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 03:14	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 03:14	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 03:14	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 03:14	WG1039018
(S) Toluene-d8	110			80.0-120		11/04/2017 03:14	WG1039018
(S) Dibromofluoromethane	101			76.0-123		11/04/2017 03:14	WG1039018
(S) 4-Bromofluorobenzene	93.7			80.0-120		11/04/2017 03:14	WG1039018

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	3.90		0.597	3.00	1	11/03/2017 21:08	WG1039038
(S) Toluene-d8	102			78.0-122		11/03/2017 21:08	WG1039038



Collected date/time: 11/01/17 14:05

L948249

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	19.0	J	10.0	50.0	1	11/04/2017 03:34	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 03:34	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 03:34	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 03:34	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 03:34	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 03:34	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 03:34	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 03:34	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 03:34	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 03:34	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 03:34	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 03:34	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 03:34	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 03:34	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 03:34	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 03:34	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 03:34	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 03:34	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 03:34	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 03:34	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 03:34	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 03:34	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 03:34	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 03:34	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 03:34	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 03:34	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 03:34	WG1039018
1,1-Dichloroethane	52.4		0.259	1.00	1	11/04/2017 03:34	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 03:34	WG1039018
1,1-Dichloroethene	405		19.9	50.0	50	11/08/2017 18:41	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 03:34	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 03:34	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 03:34	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 03:34	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 03:34	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 03:34	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 03:34	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 03:34	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 03:34	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 03:34	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 03:34	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 03:34	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 03:34	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 03:34	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 03:34	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 03:34	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 03:34	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 03:34	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 03:34	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 03:34	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 03:34	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 03:34	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 03:34	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 03:34	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 03:34	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 03:34	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 14:05

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 03:34	WG1039018
1,1,1-Trichloroethane	1070		16.0	50.0	50	11/08/2017 18:41	WG1039018
1,1,2-Trichloroethane	0.593	J	0.383	1.00	1	11/04/2017 03:34	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 03:34	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 03:34	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 03:34	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 03:34	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 03:34	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 03:34	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 03:34	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 03:34	WG1039018
(S) Toluene-d8	107			80.0-120		11/04/2017 03:34	WG1039018
(S) Toluene-d8	104			80.0-120		11/08/2017 18:41	WG1039018
(S) Dibromofluoromethane	102			76.0-123		11/08/2017 18:41	WG1039018
(S) Dibromofluoromethane	101			76.0-123		11/04/2017 03:34	WG1039018
(S) 4-Bromofluorobenzene	98.1			80.0-120		11/08/2017 18:41	WG1039018
(S) 4-Bromofluorobenzene	91.2			80.0-120		11/04/2017 03:34	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	3.29		0.597	3.00	1	11/03/2017 21:27	WG1039038
(S) Toluene-d8	95.0			78.0-122		11/03/2017 21:27	WG1039038



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 03:54	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 03:54	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 03:54	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 03:54	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 03:54	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 03:54	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 03:54	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 03:54	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 03:54	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 03:54	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 03:54	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 03:54	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 03:54	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 03:54	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 03:54	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 03:54	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 03:54	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 03:54	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 03:54	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 03:54	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 03:54	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 03:54	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 03:54	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 03:54	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 03:54	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 03:54	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 03:54	WG1039018
1,1-Dichloroethane	U		0.259	1.00	1	11/04/2017 03:54	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 03:54	WG1039018
1,1-Dichloroethene	U		0.398	1.00	1	11/08/2017 18:21	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 03:54	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 03:54	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 03:54	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 03:54	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 03:54	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 03:54	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 03:54	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 03:54	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 03:54	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 03:54	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 03:54	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 03:54	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 03:54	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 03:54	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 03:54	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 03:54	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 03:54	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 03:54	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 03:54	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 03:54	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 03:54	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 03:54	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 03:54	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 03:54	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 03:54	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 03:54	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 15:52

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 03:54	WG1039018
1,1,1-Trichloroethane	0.342	J	0.319	1.00	1	11/08/2017 18:21	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 03:54	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 03:54	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 03:54	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 03:54	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 03:54	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 03:54	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 03:54	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 03:54	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 03:54	WG1039018
(S) Toluene-d8	104			80.0-120		11/08/2017 18:21	WG1039018
(S) Toluene-d8	111			80.0-120		11/04/2017 03:54	WG1039018
(S) Dibromofluoromethane	102			76.0-123		11/08/2017 18:21	WG1039018
(S) Dibromofluoromethane	105			76.0-123		11/04/2017 03:54	WG1039018
(S) 4-Bromofluorobenzene	91.9			80.0-120		11/04/2017 03:54	WG1039018
(S) 4-Bromofluorobenzene	96.5			80.0-120		11/08/2017 18:21	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.597	3.00	1	11/03/2017 21:47	WG1039038
(S) Toluene-d8	103			78.0-122		11/03/2017 21:47	WG1039038



Collected date/time: 11/01/17 16:00

L948249

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 04:13	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 04:13	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 04:13	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 04:13	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 04:13	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 04:13	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 04:13	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 04:13	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 04:13	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 04:13	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 04:13	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 04:13	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 04:13	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 04:13	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 04:13	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 04:13	WG1039018
Chloroform	0.436	J	0.324	5.00	1	11/04/2017 04:13	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 04:13	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 04:13	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 04:13	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 04:13	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 04:13	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 04:13	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 04:13	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 04:13	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 04:13	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 04:13	WG1039018
1,1-Dichloroethane	U		0.259	1.00	1	11/04/2017 04:13	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 04:13	WG1039018
1,1-Dichloroethene	0.829	J	0.398	1.00	1	11/04/2017 04:13	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 04:13	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 04:13	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 04:13	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 04:13	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 04:13	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 04:13	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 04:13	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 04:13	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 04:13	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 04:13	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 04:13	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 04:13	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 04:13	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 04:13	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 04:13	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 04:13	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 04:13	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 04:13	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 04:13	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 04:13	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 04:13	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 04:13	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 04:13	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 04:13	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 04:13	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 04:13	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 16:00

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 04:13	WG1039018
1,1,1-Trichloroethane	2.02		0.319	1.00	1	11/04/2017 04:13	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 04:13	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 04:13	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 04:13	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 04:13	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 04:13	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 04:13	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 04:13	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 04:13	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 04:13	WG1039018
(S) Toluene-d8	107			80.0-120		11/04/2017 04:13	WG1039018
(S) Dibromofluoromethane	101			76.0-123		11/04/2017 04:13	WG1039018
(S) 4-Bromofluorobenzene	94.4			80.0-120		11/04/2017 04:13	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.959	J	0.597	3.00	1	11/03/2017 22:06	WG1039038
(S) Toluene-d8	104			78.0-122		11/03/2017 22:06	WG1039038



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 04:33	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 04:33	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 04:33	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 04:33	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 04:33	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 04:33	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 04:33	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 04:33	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 04:33	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 04:33	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 04:33	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 04:33	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 04:33	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 04:33	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 04:33	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 04:33	WG1039018
Chloroform	0.372	J	0.324	5.00	1	11/04/2017 04:33	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 04:33	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 04:33	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 04:33	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 04:33	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 04:33	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 04:33	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 04:33	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 04:33	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 04:33	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 04:33	WG1039018
1,1-Dichloroethane	U		0.259	1.00	1	11/04/2017 04:33	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 04:33	WG1039018
1,1-Dichloroethene	0.756	J	0.398	1.00	1	11/04/2017 04:33	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 04:33	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 04:33	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 04:33	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 04:33	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 04:33	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 04:33	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 04:33	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 04:33	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 04:33	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 04:33	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 04:33	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 04:33	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 04:33	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 04:33	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 04:33	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 04:33	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 04:33	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 04:33	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 04:33	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 04:33	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 04:33	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 04:33	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 04:33	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 04:33	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 04:33	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 04:33	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 16:15

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 04:33	WG1039018
1,1,1-Trichloroethane	1.50		0.319	1.00	1	11/04/2017 04:33	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 04:33	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 04:33	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 04:33	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 04:33	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 04:33	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 04:33	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 04:33	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 04:33	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 04:33	WG1039018
(S) Toluene-d8	112			80.0-120		11/04/2017 04:33	WG1039018
(S) Dibromofluoromethane	100			76.0-123		11/04/2017 04:33	WG1039018
(S) 4-Bromofluorobenzene	95.1			80.0-120		11/04/2017 04:33	WG1039018

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.809	J	0.597	3.00	1	11/03/2017 22:26	WG1039038
(S) Toluene-d8	96.4			78.0-122		11/03/2017 22:26	WG1039038



Collected date/time: 11/01/17 15:44

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 04:53	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 04:53	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 04:53	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 04:53	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 04:53	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 04:53	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 04:53	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 04:53	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 04:53	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 04:53	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 04:53	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 04:53	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 04:53	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 04:53	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 04:53	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 04:53	WG1039018
Chloroform	1.09	J	0.324	5.00	1	11/04/2017 04:53	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 04:53	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 04:53	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 04:53	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 04:53	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 04:53	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 04:53	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 04:53	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 04:53	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 04:53	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 04:53	WG1039018
1,1-Dichloroethane	0.662	J	0.259	1.00	1	11/04/2017 04:53	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 04:53	WG1039018
1,1-Dichloroethene	6.30		0.398	1.00	1	11/04/2017 04:53	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 04:53	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 04:53	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 04:53	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 04:53	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 04:53	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 04:53	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 04:53	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 04:53	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 04:53	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 04:53	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 04:53	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 04:53	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 04:53	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 04:53	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 04:53	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 04:53	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 04:53	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 04:53	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 04:53	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 04:53	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 04:53	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 04:53	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 04:53	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 04:53	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 04:53	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 04:53	WG1039018

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 04:53	WG1039018
1,1,1-Trichloroethane	9.34		0.319	1.00	1	11/04/2017 04:53	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 04:53	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 04:53	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 04:53	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 04:53	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 04:53	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 04:53	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 04:53	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 04:53	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 04:53	WG1039018
(S) Toluene-d8	108			80.0-120		11/04/2017 04:53	WG1039018
(S) Dibromofluoromethane	101			76.0-123		11/04/2017 04:53	WG1039018
(S) 4-Bromofluorobenzene	93.8			80.0-120		11/04/2017 04:53	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	3.78		0.597	3.00	1	11/03/2017 22:46	WG1039038
(S) Toluene-d8	103			78.0-122		11/03/2017 22:46	WG1039038



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 05:13	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 05:13	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 05:13	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 05:13	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 05:13	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 05:13	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 05:13	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 05:13	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 05:13	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 05:13	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 05:13	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 05:13	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 05:13	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 05:13	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 05:13	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 05:13	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 05:13	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 05:13	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 05:13	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 05:13	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 05:13	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 05:13	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 05:13	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 05:13	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 05:13	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 05:13	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 05:13	WG1039018
1,1-Dichloroethane	0.806	J	0.259	1.00	1	11/04/2017 05:13	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 05:13	WG1039018
1,1-Dichloroethene	6.91		0.398	1.00	1	11/04/2017 05:13	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 05:13	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 05:13	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 05:13	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 05:13	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 05:13	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 05:13	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 05:13	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 05:13	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 05:13	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 05:13	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 05:13	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 05:13	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 05:13	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 05:13	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 05:13	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 05:13	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 05:13	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 05:13	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 05:13	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 05:13	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 05:13	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 05:13	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 05:13	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 05:13	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 05:13	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 05:13	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 15:33

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 05:13	WG1039018
1,1,1-Trichloroethane	7.02		0.319	1.00	1	11/04/2017 05:13	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 05:13	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 05:13	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 05:13	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 05:13	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 05:13	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 05:13	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 05:13	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 05:13	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 05:13	WG1039018
(S) Toluene-d8	109			80.0-120		11/04/2017 05:13	WG1039018
(S) Dibromofluoromethane	100			76.0-123		11/04/2017 05:13	WG1039018
(S) 4-Bromofluorobenzene	97.9			80.0-120		11/04/2017 05:13	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	4.58		0.597	3.00	1	11/03/2017 23:05	WG1039038
(S) Toluene-d8	103			78.0-122		11/03/2017 23:05	WG1039038



Collected date/time: 11/01/17 13:40

L948249

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 05:33	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 05:33	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 05:33	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 05:33	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 05:33	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 05:33	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 05:33	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 05:33	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 05:33	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 05:33	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 05:33	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 05:33	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 05:33	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 05:33	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 05:33	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 05:33	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 05:33	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 05:33	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 05:33	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 05:33	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 05:33	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 05:33	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 05:33	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 05:33	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 05:33	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 05:33	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 05:33	WG1039018
1,1-Dichloroethane	1.35		0.259	1.00	1	11/04/2017 05:33	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 05:33	WG1039018
1,1-Dichloroethene	2.73		0.398	1.00	1	11/04/2017 05:33	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 05:33	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 05:33	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 05:33	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 05:33	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 05:33	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 05:33	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 05:33	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 05:33	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 05:33	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 05:33	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 05:33	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 05:33	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 05:33	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 05:33	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 05:33	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 05:33	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 05:33	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 05:33	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 05:33	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 05:33	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 05:33	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 05:33	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 05:33	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 05:33	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 05:33	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 05:33	WG1039018

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	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 05:33	WG1039018
1,1,1-Trichloroethane	0.713	J	0.319	1.00	1	11/04/2017 05:33	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 05:33	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 05:33	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 05:33	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 05:33	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 05:33	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 05:33	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 05:33	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 05:33	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 05:33	WG1039018
(S) Toluene-d8	108			80.0-120		11/04/2017 05:33	WG1039018
(S) Dibromofluoromethane	101			76.0-123		11/04/2017 05:33	WG1039018
(S) 4-Bromofluorobenzene	99.2			80.0-120		11/04/2017 05:33	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	5.83		0.597	3.00	1	11/03/2017 23:25	WG1039038
(S) Toluene-d8	103			78.0-122		11/03/2017 23:25	WG1039038



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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 05:52	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 05:52	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 05:52	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 05:52	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 05:52	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 05:52	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 05:52	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 05:52	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 05:52	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 05:52	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 05:52	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 05:52	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 05:52	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 05:52	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 05:52	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 05:52	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 05:52	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 05:52	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 05:52	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 05:52	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 05:52	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 05:52	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 05:52	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 05:52	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 05:52	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 05:52	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 05:52	WG1039018
1,1-Dichloroethane	U		0.259	1.00	1	11/04/2017 05:52	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 05:52	WG1039018
1,1-Dichloroethene	U		0.398	1.00	1	11/04/2017 05:52	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 05:52	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 05:52	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 05:52	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 05:52	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 05:52	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 05:52	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 05:52	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 05:52	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 05:52	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 05:52	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 05:52	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 05:52	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 05:52	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 05:52	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 05:52	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 05:52	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 05:52	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 05:52	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 05:52	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 05:52	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 05:52	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 05:52	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 05:52	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 05:52	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 05:52	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 05:52	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 13:45

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 05:52	WG1039018
1,1,1-Trichloroethane	U		0.319	1.00	1	11/04/2017 05:52	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 05:52	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 05:52	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 05:52	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 05:52	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 05:52	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 05:52	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 05:52	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 05:52	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 05:52	WG1039018
(S) Toluene-d8	104			80.0-120		11/04/2017 05:52	WG1039018
(S) Dibromofluoromethane	101			76.0-123		11/04/2017 05:52	WG1039018
(S) 4-Bromofluorobenzene	93.9			80.0-120		11/04/2017 05:52	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.597	3.00	1	11/03/2017 23:45	WG1039038
(S) Toluene-d8	103			78.0-122		11/03/2017 23:45	WG1039038



Collected date/time: 11/01/17 15:14

L948249

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 06:12	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 06:12	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 06:12	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 06:12	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 06:12	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 06:12	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 06:12	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 06:12	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 06:12	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 06:12	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 06:12	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 06:12	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 06:12	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 06:12	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 06:12	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 06:12	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 06:12	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 06:12	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 06:12	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 06:12	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 06:12	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 06:12	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 06:12	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 06:12	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 06:12	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 06:12	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 06:12	WG1039018
1,1-Dichloroethane	U		0.259	1.00	1	11/04/2017 06:12	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 06:12	WG1039018
1,1-Dichloroethene	U		0.398	1.00	1	11/04/2017 06:12	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 06:12	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 06:12	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 06:12	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 06:12	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 06:12	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 06:12	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 06:12	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 06:12	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 06:12	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 06:12	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 06:12	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 06:12	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 06:12	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 06:12	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 06:12	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 06:12	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 06:12	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 06:12	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 06:12	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 06:12	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 06:12	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 06:12	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 06:12	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 06:12	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 06:12	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 06:12	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 15:14

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 06:12	WG1039018
1,1,1-Trichloroethane	U		0.319	1.00	1	11/04/2017 06:12	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 06:12	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 06:12	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 06:12	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 06:12	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 06:12	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 06:12	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 06:12	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 06:12	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 06:12	WG1039018
(S) Toluene-d8	109			80.0-120		11/04/2017 06:12	WG1039018
(S) Dibromofluoromethane	103			76.0-123		11/04/2017 06:12	WG1039018
(S) 4-Bromofluorobenzene	94.3			80.0-120		11/04/2017 06:12	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.597	3.00	1	11/04/2017 00:04	WG1039038
(S) Toluene-d8	103			78.0-122		11/04/2017 00:04	WG1039038



Collected date/time: 11/01/17 13:24

L948249

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 06:31	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 06:31	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 06:31	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 06:31	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 06:31	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 06:31	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 06:31	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 06:31	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 06:31	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 06:31	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 06:31	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 06:31	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 06:31	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 06:31	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 06:31	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 06:31	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 06:31	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 06:31	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 06:31	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 06:31	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 06:31	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 06:31	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 06:31	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 06:31	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 06:31	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 06:31	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 06:31	WG1039018
1,1-Dichloroethane	1.34		0.259	1.00	1	11/04/2017 06:31	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 06:31	WG1039018
1,1-Dichloroethene	3.32		0.398	1.00	1	11/04/2017 06:31	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 06:31	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 06:31	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 06:31	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 06:31	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 06:31	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 06:31	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 06:31	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 06:31	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 06:31	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 06:31	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 06:31	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 06:31	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 06:31	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 06:31	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 06:31	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 06:31	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 06:31	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 06:31	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 06:31	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 06:31	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 06:31	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 06:31	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 06:31	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 06:31	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 06:31	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 06:31	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 13:24

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 06:31	WG1039018
1,1,1-Trichloroethane	1.07		0.319	1.00	1	11/04/2017 06:31	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 06:31	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 06:31	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 06:31	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 06:31	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 06:31	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 06:31	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 06:31	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 06:31	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 06:31	WG1039018
(S) Toluene-d8	111			80.0-120		11/04/2017 06:31	WG1039018
(S) Dibromofluoromethane	102			76.0-123		11/04/2017 06:31	WG1039018
(S) 4-Bromofluorobenzene	92.3			80.0-120		11/04/2017 06:31	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	5.00		0.597	3.00	1	11/04/2017 00:23	WG1039038
(S) Toluene-d8	103			78.0-122		11/04/2017 00:23	WG1039038



Collected date/time: 11/01/17 13:30

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 06:51	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 06:51	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 06:51	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 06:51	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 06:51	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 06:51	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 06:51	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 06:51	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 06:51	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 06:51	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 06:51	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 06:51	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 06:51	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 06:51	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 06:51	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 06:51	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 06:51	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 06:51	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 06:51	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 06:51	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 06:51	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 06:51	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 06:51	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 06:51	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 06:51	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 06:51	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 06:51	WG1039018
1,1-Dichloroethane	U		0.259	1.00	1	11/04/2017 06:51	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 06:51	WG1039018
1,1-Dichloroethene	U		0.398	1.00	1	11/04/2017 06:51	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 06:51	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 06:51	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 06:51	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 06:51	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 06:51	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 06:51	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 06:51	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 06:51	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 06:51	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 06:51	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 06:51	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 06:51	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 06:51	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 06:51	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 06:51	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 06:51	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 06:51	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 06:51	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 06:51	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 06:51	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 06:51	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 06:51	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 06:51	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 06:51	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 06:51	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 06:51	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 13:30

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 06:51	WG1039018
1,1,1-Trichloroethane	U		0.319	1.00	1	11/04/2017 06:51	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 06:51	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 06:51	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 06:51	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 06:51	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 06:51	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 06:51	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 06:51	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 06:51	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 06:51	WG1039018
(S) Toluene-d8	110			80.0-120		11/04/2017 06:51	WG1039018
(S) Dibromofluoromethane	103			76.0-123		11/04/2017 06:51	WG1039018
(S) 4-Bromofluorobenzene	93.5			80.0-120		11/04/2017 06:51	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	0.728	J	0.597	3.00	1	11/04/2017 00:42	WG1039038
(S) Toluene-d8	103			78.0-122		11/04/2017 00:42	WG1039038



Collected date/time: 11/01/17 00:00

L948249

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 07:11	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 07:11	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 07:11	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 07:11	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 07:11	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 07:11	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 07:11	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 07:11	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 07:11	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 07:11	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 07:11	WG1039018
Carbon disulfide	U		0.275	1.00	1	11/04/2017 07:11	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 07:11	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 07:11	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 07:11	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 07:11	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 07:11	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 07:11	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 07:11	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 07:11	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 07:11	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 07:11	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 07:11	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 07:11	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 07:11	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 07:11	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 07:11	WG1039018
1,1-Dichloroethane	0.845	J	0.259	1.00	1	11/04/2017 07:11	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 07:11	WG1039018
1,1-Dichloroethene	6.50		0.398	1.00	1	11/04/2017 07:11	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 07:11	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 07:11	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 07:11	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 07:11	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 07:11	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 07:11	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 07:11	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 07:11	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 07:11	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 07:11	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 07:11	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 07:11	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 07:11	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 07:11	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 07:11	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 07:11	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 07:11	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 07:11	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 07:11	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 07:11	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 07:11	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 07:11	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 07:11	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 07:11	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 07:11	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 07:11	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 00:00

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 07:11	WG1039018
1,1,1-Trichloroethane	6.75		0.319	1.00	1	11/04/2017 07:11	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 07:11	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 07:11	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 07:11	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 07:11	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 07:11	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 07:11	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 07:11	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 07:11	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 07:11	WG1039018
(S) Toluene-d8	107			80.0-120		11/04/2017 07:11	WG1039018
(S) Dibromofluoromethane	104			76.0-123		11/04/2017 07:11	WG1039018
(S) 4-Bromofluorobenzene	95.9			80.0-120		11/04/2017 07:11	WG1039018

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-SIM

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	4.58		0.597	3.00	1	11/04/2017 01:02	WG1039038
(S) Toluene-d8	103			78.0-122		11/04/2017 01:02	WG1039038



Collected date/time: 11/01/17 00:00

L948249

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/04/2017 02:15	WG1039018
Acrolein	U	J4	8.87	50.0	1	11/04/2017 02:15	WG1039018
Acrylonitrile	U		1.87	10.0	1	11/04/2017 02:15	WG1039018
Benzene	U		0.331	1.00	1	11/04/2017 02:15	WG1039018
Bromobenzene	U		0.352	1.00	1	11/04/2017 02:15	WG1039018
Bromodichloromethane	U		0.380	1.00	1	11/04/2017 02:15	WG1039018
Bromoform	U		0.469	1.00	1	11/04/2017 02:15	WG1039018
Bromomethane	U		0.866	5.00	1	11/04/2017 02:15	WG1039018
n-Butylbenzene	U		0.361	1.00	1	11/04/2017 02:15	WG1039018
sec-Butylbenzene	U		0.365	1.00	1	11/04/2017 02:15	WG1039018
tert-Butylbenzene	U		0.399	1.00	1	11/04/2017 02:15	WG1039018
Carbon disulfide	1.29		0.275	1.00	1	11/04/2017 02:15	WG1039018
Carbon tetrachloride	U		0.379	1.00	1	11/04/2017 02:15	WG1039018
Chlorobenzene	U		0.348	1.00	1	11/04/2017 02:15	WG1039018
Chlorodibromomethane	U		0.327	1.00	1	11/04/2017 02:15	WG1039018
Chloroethane	U		0.453	5.00	1	11/04/2017 02:15	WG1039018
Chloroform	U		0.324	5.00	1	11/04/2017 02:15	WG1039018
Chloromethane	U		0.276	2.50	1	11/04/2017 02:15	WG1039018
2-Chlorotoluene	U		0.375	1.00	1	11/04/2017 02:15	WG1039018
4-Chlorotoluene	U		0.351	1.00	1	11/04/2017 02:15	WG1039018
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/04/2017 02:15	WG1039018
1,2-Dibromoethane	U		0.381	1.00	1	11/04/2017 02:15	WG1039018
Dibromomethane	U		0.346	1.00	1	11/04/2017 02:15	WG1039018
1,2-Dichlorobenzene	U		0.349	1.00	1	11/04/2017 02:15	WG1039018
1,3-Dichlorobenzene	U		0.220	1.00	1	11/04/2017 02:15	WG1039018
1,4-Dichlorobenzene	U		0.274	1.00	1	11/04/2017 02:15	WG1039018
Dichlorodifluoromethane	U		0.551	5.00	1	11/04/2017 02:15	WG1039018
1,1-Dichloroethane	U		0.259	1.00	1	11/04/2017 02:15	WG1039018
1,2-Dichloroethane	U		0.361	1.00	1	11/04/2017 02:15	WG1039018
1,1-Dichloroethene	U		0.398	1.00	1	11/04/2017 02:15	WG1039018
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/04/2017 02:15	WG1039018
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/04/2017 02:15	WG1039018
1,2-Dichloropropane	U		0.306	1.00	1	11/04/2017 02:15	WG1039018
1,1-Dichloropropene	U		0.352	1.00	1	11/04/2017 02:15	WG1039018
1,3-Dichloropropane	U		0.366	1.00	1	11/04/2017 02:15	WG1039018
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/04/2017 02:15	WG1039018
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/04/2017 02:15	WG1039018
2,2-Dichloropropane	U		0.321	1.00	1	11/04/2017 02:15	WG1039018
Di-isopropyl ether	U		0.320	1.00	1	11/04/2017 02:15	WG1039018
Ethylbenzene	U		0.384	1.00	1	11/04/2017 02:15	WG1039018
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/04/2017 02:15	WG1039018
Isopropylbenzene	U		0.326	1.00	1	11/04/2017 02:15	WG1039018
p-Isopropyltoluene	U		0.350	1.00	1	11/04/2017 02:15	WG1039018
2-Butanone (MEK)	U		3.93	10.0	1	11/04/2017 02:15	WG1039018
Methylene Chloride	U		1.00	5.00	1	11/04/2017 02:15	WG1039018
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/04/2017 02:15	WG1039018
Methyl tert-butyl ether	U		0.367	1.00	1	11/04/2017 02:15	WG1039018
Naphthalene	U		1.00	5.00	1	11/04/2017 02:15	WG1039018
n-Propylbenzene	U		0.349	1.00	1	11/04/2017 02:15	WG1039018
Styrene	U		0.307	1.00	1	11/04/2017 02:15	WG1039018
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/04/2017 02:15	WG1039018
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/04/2017 02:15	WG1039018
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/04/2017 02:15	WG1039018
Tetrachloroethene	U		0.372	1.00	1	11/04/2017 02:15	WG1039018
Toluene	U		0.412	1.00	1	11/04/2017 02:15	WG1039018
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/04/2017 02:15	WG1039018

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 11/01/17 00:00

L948249

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/04/2017 02:15	WG1039018
1,1,1-Trichloroethane	U		0.319	1.00	1	11/04/2017 02:15	WG1039018
1,1,2-Trichloroethane	U		0.383	1.00	1	11/04/2017 02:15	WG1039018
Trichloroethene	U		0.398	1.00	1	11/04/2017 02:15	WG1039018
Trichlorofluoromethane	U		1.20	5.00	1	11/04/2017 02:15	WG1039018
1,2,3-Trichloropropane	U		0.807	2.50	1	11/04/2017 02:15	WG1039018
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/04/2017 02:15	WG1039018
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/04/2017 02:15	WG1039018
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/04/2017 02:15	WG1039018
Vinyl chloride	U		0.259	1.00	1	11/04/2017 02:15	WG1039018
Xylenes, Total	U		1.06	3.00	1	11/04/2017 02:15	WG1039018
(S) Toluene-d8	109			80.0-120		11/04/2017 02:15	WG1039018
(S) Dibromofluoromethane	103			76.0-123		11/04/2017 02:15	WG1039018
(S) 4-Bromofluorobenzene	94.6			80.0-120		11/04/2017 02:15	WG1039018

1
Cp2
Tc3
Ss4
Cn5
Sr6
Qc7
Gl8
Al9
Sc

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,4-Dioxane	U		0.597	3.00	1	11/04/2017 01:22	WG1039038
(S) Toluene-d8	103			78.0-122		11/04/2017 01:22	WG1039038



Method Blank (MB)

(MB) R3264059-2 11/04/17 01:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		10.0	50.0
Acrolein	U		8.87	50.0
Acrylonitrile	U		1.87	10.0
Benzene	U		0.331	1.00
Bromobenzene	U		0.352	1.00
Bromodichloromethane	U		0.380	1.00
Bromoform	U		0.469	1.00
Bromomethane	U		0.866	5.00
n-Butylbenzene	U		0.361	1.00
sec-Butylbenzene	U		0.365	1.00
tert-Butylbenzene	U		0.399	1.00
Carbon disulfide	U		0.275	1.00
Carbon tetrachloride	U		0.379	1.00
Chlorobenzene	U		0.348	1.00
Chlorodibromomethane	U		0.327	1.00
Chloroethane	U		0.453	5.00
Chloroform	U		0.324	5.00
Chloromethane	U		0.276	2.50
2-Chlorotoluene	U		0.375	1.00
4-Chlorotoluene	U		0.351	1.00
1,2-Dibromo-3-Chloropropane	U		1.33	5.00
1,2-Dibromoethane	U		0.381	1.00
Dibromomethane	U		0.346	1.00
1,2-Dichlorobenzene	U		0.349	1.00
1,3-Dichlorobenzene	U		0.220	1.00
1,4-Dichlorobenzene	U		0.274	1.00
Dichlorodifluoromethane	U		0.551	5.00
1,1-Dichloroethane	U		0.259	1.00
1,2-Dichloroethane	U		0.361	1.00
1,1-Dichloroethene	U		0.398	1.00
cis-1,2-Dichloroethene	U		0.260	1.00
trans-1,2-Dichloroethene	U		0.396	1.00
1,2-Dichloropropane	U		0.306	1.00
1,1-Dichloropropene	U		0.352	1.00
1,3-Dichloropropane	U		0.366	1.00
cis-1,3-Dichloropropene	U		0.418	1.00
trans-1,3-Dichloropropene	U		0.419	1.00
2,2-Dichloropropane	U		0.321	1.00
Di-isopropyl ether	U		0.320	1.00
Ethylbenzene	U		0.384	1.00

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

[L948249-01,02,03,04,05,06,07,08,09,10,11,12,13,14,15](#)

Method Blank (MB)

(MB) R3264059-2 11/04/17 01:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.256	1.00
Isopropylbenzene	U		0.326	1.00
p-Isopropyltoluene	U		0.350	1.00
2-Butanone (MEK)	U		3.93	10.0
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.349	1.00
Styrene	U		0.307	1.00
1,1,1,2-Tetrachloroethane	U		0.385	1.00
1,1,2,2-Tetrachloroethane	U		0.130	1.00
Tetrachloroethene	U		0.372	1.00
Toluene	U		0.412	1.00
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00
1,2,3-Trichlorobenzene	0.547	J	0.230	1.00
1,2,4-Trichlorobenzene	U		0.355	1.00
1,1,1-Trichloroethane	U		0.319	1.00
1,1,2-Trichloroethane	U		0.383	1.00
Trichloroethene	U		0.398	1.00
Trichlorofluoromethane	U		1.20	5.00
1,2,3-Trichloropropane	U		0.807	2.50
1,2,3-Trimethylbenzene	U		0.321	1.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Vinyl chloride	U		0.259	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	107			80.0-120
(S) Dibromofluoromethane	102			76.0-123
(S) 4-Bromofluorobenzene	91.9			80.0-120

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS)

(LCS) R3264059-1 11/04/17 01:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	125	187	150	10.0-160	
Acrolein	125	836	669	10.0-160	E J4
Acrylonitrile	125	137	109	60.0-142	



Laboratory Control Sample (LCS)

(LCS) R3264059-1 11/04/17 01:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	25.0	23.3	93.3	69.0-123	
Bromobenzene	25.0	23.3	93.2	79.0-120	
Bromodichloromethane	25.0	23.5	93.9	76.0-120	
Bromoform	25.0	21.4	85.7	67.0-132	
Bromomethane	25.0	31.6	127	18.0-160	
n-Butylbenzene	25.0	28.6	114	72.0-126	
sec-Butylbenzene	25.0	27.7	111	74.0-121	
tert-Butylbenzene	25.0	24.8	99.1	75.0-122	
Carbon disulfide	25.0	24.3	97.1	55.0-127	
Carbon tetrachloride	25.0	25.2	101	63.0-122	
Chlorobenzene	25.0	24.5	98.1	79.0-121	
Chlorodibromomethane	25.0	22.2	88.7	75.0-125	
Chloroethane	25.0	29.7	119	47.0-152	
Chloroform	25.0	25.6	103	72.0-121	
Chloromethane	25.0	27.8	111	48.0-139	
2-Chlorotoluene	25.0	28.7	115	74.0-122	
4-Chlorotoluene	25.0	25.9	104	79.0-120	
1,2-Dibromo-3-Chloropropane	25.0	24.8	99.1	64.0-127	
1,2-Dibromoethane	25.0	24.1	96.5	77.0-123	
Dibromomethane	25.0	23.8	95.2	78.0-120	
1,2-Dichlorobenzene	25.0	26.9	108	80.0-120	
1,3-Dichlorobenzene	25.0	23.9	95.6	72.0-123	
1,4-Dichlorobenzene	25.0	25.6	102	77.0-120	
Dichlorodifluoromethane	25.0	28.8	115	49.0-155	
1,1-Dichloroethane	25.0	26.0	104	70.0-126	
1,2-Dichloroethane	25.0	24.1	96.2	67.0-126	
1,1-Dichloroethene	25.0	26.0	104	64.0-129	
cis-1,2-Dichloroethene	25.0	24.1	96.2	73.0-120	
trans-1,2-Dichloroethene	25.0	25.9	104	71.0-121	
1,2-Dichloropropane	25.0	25.5	102	75.0-125	
1,1-Dichloropropene	25.0	24.9	99.7	71.0-129	
1,3-Dichloropropane	25.0	23.1	92.3	80.0-121	
cis-1,3-Dichloropropene	25.0	22.1	88.6	79.0-123	
trans-1,3-Dichloropropene	25.0	18.9	75.4	74.0-127	
2,2-Dichloropropane	25.0	22.5	90.1	60.0-125	
Di-isopropyl ether	25.0	26.5	106	59.0-133	
Ethylbenzene	25.0	24.9	99.8	77.0-120	
Hexachloro-1,3-butadiene	25.0	27.8	111	64.0-131	
Isopropylbenzene	25.0	27.5	110	75.0-120	
p-Isopropyltoluene	25.0	29.1	116	74.0-126	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Laboratory Control Sample (LCS)

(LCS) R3264059-1 11/04/17 01:16

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Butanone (MEK)	125	107	85.2	37.0-158	
Methylene Chloride	25.0	24.9	99.6	66.0-121	
4-Methyl-2-pentanone (MIBK)	125	136	109	59.0-143	
Methyl tert-butyl ether	25.0	25.7	103	64.0-123	
Naphthalene	25.0	26.0	104	62.0-128	
n-Propylbenzene	25.0	26.1	104	79.0-120	
Styrene	25.0	25.3	101	78.0-124	
1,1,1,2-Tetrachloroethane	25.0	25.7	103	75.0-122	
1,1,2,2-Tetrachloroethane	25.0	23.4	93.6	71.0-122	
Tetrachloroethene	25.0	23.3	93.3	70.0-127	
Toluene	25.0	23.4	93.5	77.0-120	
1,1,2-Trichlorotrifluoroethane	25.0	26.3	105	61.0-136	
1,2,3-Trichlorobenzene	25.0	27.1	108	61.0-133	
1,2,4-Trichlorobenzene	25.0	27.9	111	69.0-129	
1,1,1-Trichloroethane	25.0	26.1	105	68.0-122	
1,1,2-Trichloroethane	25.0	22.5	90.1	78.0-120	
Trichloroethene	25.0	25.6	102	78.0-120	
Trichlorofluoromethane	25.0	31.5	126	56.0-137	
1,2,3-Trichloropropane	25.0	24.3	97.3	72.0-124	
1,2,3-Trimethylbenzene	25.0	28.8	115	75.0-120	
1,2,4-Trimethylbenzene	25.0	29.0	116	75.0-120	
1,3,5-Trimethylbenzene	25.0	27.5	110	75.0-120	
Vinyl chloride	25.0	30.1	120	64.0-133	
Xylenes, Total	75.0	77.6	103	77.0-120	
(S) Toluene-d8			101	80.0-120	
(S) Dibromofluoromethane			103	76.0-123	
(S) 4-Bromofluorobenzene			95.4	80.0-120	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) R3264103-3 11/03/17 20:29

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
1,4-Dioxane	U		0.597	3.00
(S) Toluene-d8	92.2			78.0-122

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

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

(LCS) R3264103-1 11/03/17 19:11 • (LCSD) R3264103-2 11/03/17 19:30

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	50.0	63.6	64.5	127	129	56.0-136			1.50	28
(S) Toluene-d8				108	108	78.0-122				

L948249-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L948249-01 11/03/17 20:48 • (MS) R3264103-4 11/04/17 01:41 • (MSD) R3264103-5 11/04/17 02:00

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,4-Dioxane	50.0	U	45.5	35.1	91.1	70.2	1	35.0-160			25.8	29
(S) Toluene-d8					96.2	103		78.0-122				



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.
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, 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.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
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
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.

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

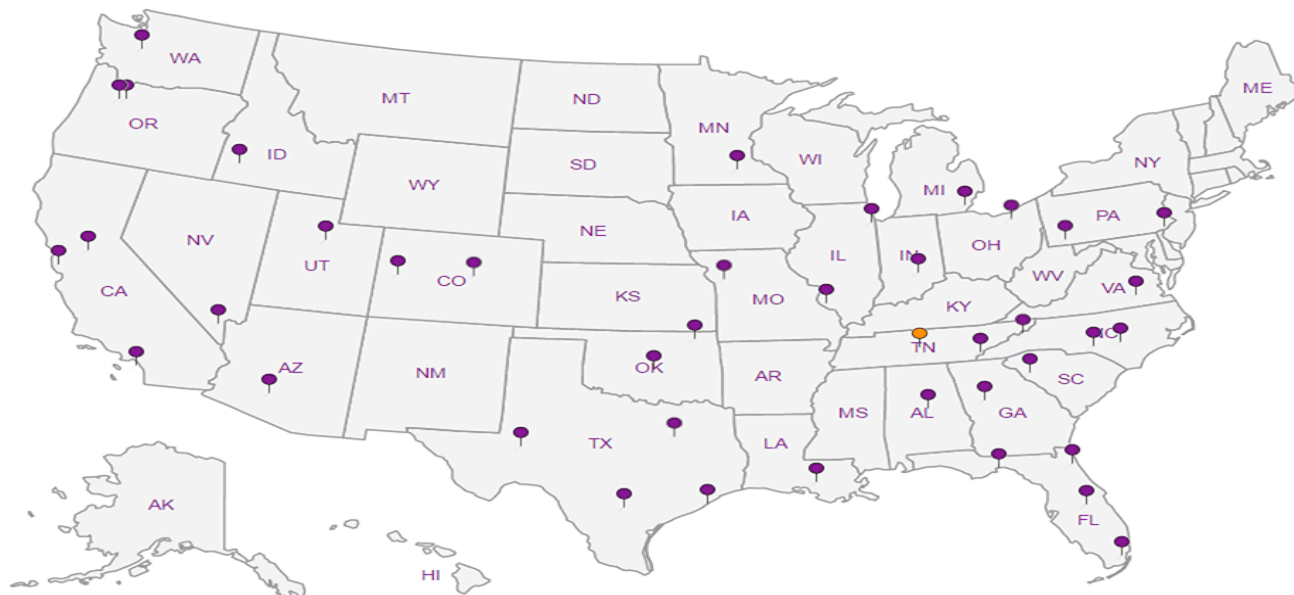
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

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

Third Party & Federal Accreditations

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

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.**



Agency, Authorized Purchaser or Agent: Oregon DEQ					Contract Laboratory Name: ESC Lab Servies			Lab Selection Criteria: ☐ Proximity (if TAT < 48 hrs) ☐ Prior work on same project ☒ Cost (for anticipated analyses) ☐ Other labs disqualified or unable to perform requested services ☐ Emergency work				Turn Around Time: ☒ 10 days (std.) ☐ 5 days ☐ 72 hours ☐ 48 hours ☐ 24 hours ☐ Other			
Send Lab Report To: Mallory Ott Address: 165 E. 7 th Avenue, Suite 100 Eugene, OR 97401 Tel. #: 541-687-7440 E-mail: Ott.mallory@deq.state.or.us					Lab Batch #:			Invoice To: ODEQ/Business Office Address: 811 SW 6 th Ave Portland, OR 97204 Tel. #: 800-452-4011							
Project Name: Montezuma West Project #: 79 FUND Code: 19-63680-34377-663300 Sampler Name: Mallory Ott					Sample Preservative HCL HCL								B199		
					Requested Analyses VOCs 8260 1,4-dioxane 8260LL										
Sample ID#	Sample Collection Date Time		Matrix	Number of Containers	VOCs 8260	1,4-dioxane 8260LL									Comments 1948249 -01 -02 -03 -04 -05 -06 -07 -08 -09 -10 -11 -12
MW-11	11/1/17	1414	GW	3	X	X									
MW-14	11/1/17	1443	GW	3	X	X									
MW-17	11/1/17	1405	GW	3	X	X									
DW-18	11/1/17	1552	GW	3	X	X									
DW-19	11/1/17	1600	GW	3	X	X									
DW-20	11/1/17	1615	GW	3	X	X									
DW-21	11/1/17	1544	GW	3	X	X									
DW-23	11/1/17	1533	GW	3	X	X									
DW-25	11/1/17	1340	GW	3	X	X									
DW-25F	11/1/17	1345	GW	3	X	X									
DW-27	11/1/17	1514	GW	3	X	X									
PW-3	11/1/17	1324	GW	3	X	X									

Notes:

Relinquished By: Mallory Ott		Agency/Agent: DEQ	Received By:		Agency/Agent:
Signature: <i>Mallory Ott</i>		Time & Date: 11/2/17 1345	Signature:		Time & Date:
Relinquished By:		Agency/Agent:	Received By: Kate Moffatt		Agency/Agent: ESC
Signature:		Time & Date:	Signature: <i>Kate Moffatt</i>		Time & Date: 11/3/17 0845

THIS PURCHASE IS SUBMITTED PURSUANT TO STATE OF OREGON SOLICITATION #102-1098-07 AND PRICE AGREEMENT # 8903. THE PRICE AGREEMENT INCLUDING CONTRACT TERMS AND CONDITIONS AND SPECIAL CONTRACT TERMS AND CONDITIONS (T'S & C'S) CONTAINED IN THE PRICE AGREEMENT ARE HEREBY INCORPORATED BY REFERENCE AND SHALL APPLY TO THIS PURCHASE AND SHALL TAKE PRECEDENCE OVER ALL OTHER CONFLICTING T'S AND C'S, EXPRESS OR IMPLIED.

2.7 MW

pg 2 of 2

OK

2.7 m/s

ESC LAB SCIENCES

Cooler Receipt Form

Client: <u>OREFONDEA</u>	SDG#	<u>6948249</u>
Cooler Received/Opened On: <u>11/3/17</u>	Temperature: <u>22</u>	
Received by : Kate Moffitt		
Signature: <u>[Signature]</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?				