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ANALYTICAL REPORT

November 07, 2018

Oregon Dept. of Env. Quality - ODEQ

Sample Delivery Group:	L1039802
Samples Received:	10/31/2018
Project Number:	QTIME 25265
Description:	ODEQ - Montezuma West

Report To: Chris Richardson
4026 Fairview Industrial Drive
Salem, OR 97302

Entire Report Reviewed By: Brian Ford

Brian Ford
Project Manager

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MW-11 L1039802-01 GW

Collected by: Chris Richardson | Collected date/time: 10/29/18 13:00 | Received date/time: 10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 13:52	11/01/18 13:52	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 13:14	11/06/18 13:14	BMB

MW-14 L1039802-02 GW

Collected by: Chris Richardson | Collected date/time: 10/29/18 13:35 | Received date/time: 10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 14:14	11/01/18 14:14	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 13:34	11/06/18 13:34	BMB

MW-17 L1039802-03 GW

Collected by: Chris Richardson | Collected date/time: 10/29/18 13:20 | Received date/time: 10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 14:36	11/01/18 14:36	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1191142	20	11/04/18 12:51	11/04/18 12:51	TJJ
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 13:53	11/06/18 13:53	BMB

DW-18 L1039802-04 GW

Collected by: Chris Richardson | Collected date/time: 10/29/18 15:20 | Received date/time: 10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 14:58	11/01/18 14:58	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1191142	1	11/04/18 11:51	11/04/18 11:51	TJJ
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 14:13	11/06/18 14:13	BMB

DW-19 L1039802-05 GW

Collected by: Chris Richardson | Collected date/time: 10/29/18 15:35 | Received date/time: 10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 15:20	11/01/18 15:20	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1191142	1	11/04/18 12:11	11/04/18 12:11	TJJ
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 14:33	11/06/18 14:33	BMB

DW-20 L1039802-06 GW

Collected by: Chris Richardson | Collected date/time: 10/29/18 15:45 | Received date/time: 10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 15:42	11/01/18 15:42	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1191142	1	11/04/18 12:31	11/04/18 12:31	TJJ
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 14:52	11/06/18 14:52	BMB

DW-21 L1039802-07 GW

Collected by: Chris Richardson | Collected date/time: 10/29/18 15:00 | Received date/time: 10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 16:04	11/01/18 16:04	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 15:11	11/06/18 15:11	BMB

DW-25 L1039802-08 GW

Collected by	Collected date/time	Received date/time
Chris Richardson	10/29/18 14:15	10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 16:26	11/01/18 16:26	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 15:31	11/06/18 15:31	BMB

DW-25F L1039802-09 GW

Collected by	Collected date/time	Received date/time
Chris Richardson	10/29/18 14:10	10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 16:48	11/01/18 16:48	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 15:51	11/06/18 15:51	BMB

DW-27 L1039802-10 GW

Collected by	Collected date/time	Received date/time
Chris Richardson	10/29/18 14:40	10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 17:10	11/01/18 17:10	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 16:10	11/06/18 16:10	BMB

PW-3 L1039802-11 GW

Collected by	Collected date/time	Received date/time
Chris Richardson	10/29/18 13:45	10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 17:31	11/01/18 17:31	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 16:29	11/06/18 16:29	BMB

PW-3F L1039802-12 GW

Collected by	Collected date/time	Received date/time
Chris Richardson	10/29/18 13:50	10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 17:53	11/01/18 17:53	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 16:49	11/06/18 16:49	BMB

DUP1 L1039802-13 GW

Collected by	Collected date/time	Received date/time
Chris Richardson	10/29/18 15:00	10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 18:15	11/01/18 18:15	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 17:08	11/06/18 17:08	BMB

TRIP BLANK L1039802-14 GW

Collected by	Collected date/time	Received date/time
Chris Richardson	10/29/18 12:00	10/31/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1189765	1	11/01/18 12:25	11/01/18 12:25	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B-SIM	WG1192107	1	11/06/18 12:55	11/06/18 12:55	BMB

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

Brian Ford
Project Manager

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U		10.0	50.0	1	11/01/2018 13:52	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 13:52	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 13:52	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 13:52	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 13:52	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 13:52	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 13:52	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 13:52	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 13:52	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 13:52	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 13:52	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 13:52	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 13:52	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 13:52	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 13:52	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 13:52	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 13:52	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 13:52	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 13:52	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 13:52	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 13:52	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 13:52	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 13:52	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 13:52	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 13:52	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 13:52	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 13:52	WG1189765
1,1-Dichloroethane	0.450	J	0.259	1.00	1	11/01/2018 13:52	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 13:52	WG1189765
1,1-Dichloroethene	5.09		0.398	1.00	1	11/01/2018 13:52	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 13:52	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 13:52	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 13:52	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 13:52	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 13:52	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 13:52	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 13:52	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 13:52	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 13:52	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 13:52	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 13:52	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 13:52	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 13:52	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 13:52	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 13:52	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 13:52	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 13:52	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 13:52	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 13:52	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 13:52	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 13:52	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 13:52	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 13:52	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 13:52	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 13:52	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 13:52	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 13:52	WG1189765
1,1,1-Trichloroethane	6.85		0.319	1.00	1	11/01/2018 13:52	WG1189765
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 13:52	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 13:52	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 13:52	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 13:52	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 13:52	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 13:52	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 13:52	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 13:52	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 13:52	WG1189765
(S) Toluene-d8	*95.7*			*80.0-120*		*11/01/2018 13:52*	WG1189765
(S) Dibromofluoromethane	*107*			*75.0-120*		*11/01/2018 13:52*	WG1189765
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*11/01/2018 13:52*	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	U		0.597	3.00	1	11/06/2018 13:14	WG1192107
(S) Toluene-d8	*110*			*77.0-127*		*11/06/2018 13:14*	WG1192107

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	11/01/2018 14:14	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 14:14	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 14:14	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 14:14	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 14:14	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 14:14	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 14:14	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 14:14	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 14:14	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 14:14	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 14:14	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 14:14	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 14:14	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 14:14	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 14:14	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 14:14	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 14:14	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 14:14	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 14:14	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 14:14	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 14:14	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 14:14	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 14:14	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 14:14	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 14:14	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 14:14	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 14:14	WG1189765
1,1-Dichloroethane	0.549	J	0.259	1.00	1	11/01/2018 14:14	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 14:14	WG1189765
1,1-Dichloroethene	4.87		0.398	1.00	1	11/01/2018 14:14	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 14:14	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 14:14	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 14:14	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 14:14	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 14:14	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 14:14	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 14:14	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 14:14	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 14:14	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 14:14	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 14:14	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 14:14	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 14:14	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 14:14	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 14:14	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 14:14	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 14:14	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 14:14	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 14:14	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 14:14	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 14:14	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 14:14	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 14:14	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 14:14	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 14:14	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 14:14	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 14:14	WG1189765
1,1,1-Trichloroethane	1.49		0.319	1.00	1	11/01/2018 14:14	WG1189765
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 14:14	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 14:14	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 14:14	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 14:14	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 14:14	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 14:14	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 14:14	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 14:14	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 14:14	WG1189765
(S) Toluene-d8	*99.7*			*80.0-120*		*11/01/2018 14:14*	WG1189765
(S) Dibromofluoromethane	*107*			*75.0-120*		*11/01/2018 14:14*	WG1189765
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*11/01/2018 14:14*	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	U		0.597	3.00	1	11/06/2018 13:34	WG1192107
(S) Toluene-d8	*111*			*77.0-127*		*11/06/2018 13:34*	WG1192107

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	11/01/2018 14:36	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 14:36	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 14:36	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 14:36	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 14:36	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 14:36	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 14:36	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 14:36	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 14:36	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 14:36	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 14:36	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 14:36	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 14:36	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 14:36	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 14:36	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 14:36	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 14:36	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 14:36	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 14:36	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 14:36	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 14:36	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 14:36	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 14:36	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 14:36	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 14:36	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 14:36	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 14:36	WG1189765
1,1-Dichloroethane	58.8		0.259	1.00	1	11/01/2018 14:36	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 14:36	WG1189765
1,1-Dichloroethene	345		7.96	20.0	20	11/04/2018 12:51	WG1191142
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 14:36	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 14:36	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 14:36	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 14:36	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 14:36	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 14:36	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 14:36	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 14:36	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 14:36	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 14:36	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 14:36	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 14:36	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 14:36	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 14:36	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 14:36	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 14:36	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 14:36	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 14:36	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 14:36	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 14:36	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 14:36	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 14:36	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 14:36	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 14:36	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 14:36	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 14:36	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 14:36	WG1189765
1,1,1-Trichloroethane	739		6.38	20.0	20	11/04/2018 12:51	WG1191142
1,1,2-Trichloroethane	0.439	J	0.383	1.00	1	11/01/2018 14:36	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 14:36	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 14:36	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 14:36	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 14:36	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 14:36	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 14:36	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 14:36	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 14:36	WG1189765
(S) Toluene-d8	*97.4*			*80.0-120*		*11/01/2018 14:36*	WG1189765
(S) Toluene-d8	*103*			*80.0-120*		*11/04/2018 12:51*	WG1191142
(S) Dibromofluoromethane	*107*			*75.0-120*		*11/01/2018 14:36*	WG1189765
(S) Dibromofluoromethane	*103*			*75.0-120*		*11/04/2018 12:51*	WG1191142
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*11/01/2018 14:36*	WG1189765
(S) 4-Bromofluorobenzene	*85.5*			*77.0-126*		*11/04/2018 12:51*	WG1191142

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	1.48	J	0.597	3.00	1	11/06/2018 13:53	WG1192107
(S) Toluene-d8	*110*			*77.0-127*		*11/06/2018 13:53*	WG1192107

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	11/01/2018 14:58	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 14:58	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 14:58	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 14:58	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 14:58	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 14:58	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 14:58	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 14:58	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 14:58	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 14:58	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 14:58	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 14:58	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 14:58	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 14:58	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 14:58	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 14:58	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 14:58	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 14:58	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 14:58	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 14:58	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 14:58	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 14:58	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 14:58	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 14:58	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 14:58	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 14:58	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 14:58	WG1189765
1,1-Dichloroethane	U		0.259	1.00	1	11/01/2018 14:58	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 14:58	WG1189765
1,1-Dichloroethene	0.466	J	0.398	1.00	1	11/04/2018 11:51	WG1191142
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 14:58	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 14:58	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 14:58	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 14:58	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 14:58	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 14:58	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 14:58	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 14:58	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 14:58	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 14:58	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 14:58	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 14:58	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 14:58	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 14:58	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 14:58	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 14:58	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 14:58	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 14:58	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 14:58	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 14:58	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 14:58	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 14:58	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 14:58	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 14:58	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 14:58	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 14:58	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 14:58	WG1189765
1,1,1-Trichloroethane	0.644	J	0.319	1.00	1	11/04/2018 11:51	WG1191142
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 14:58	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 14:58	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 14:58	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 14:58	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 14:58	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 14:58	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 14:58	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 14:58	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 14:58	WG1189765
(S) Toluene-d8	*97.3*			*80.0-120*		*11/01/2018 14:58*	WG1189765
(S) Toluene-d8	*99.5*			*80.0-120*		*11/04/2018 11:51*	WG1191142
(S) Dibromofluoromethane	*107*			*75.0-120*		*11/01/2018 14:58*	WG1189765
(S) Dibromofluoromethane	*105*			*75.0-120*		*11/04/2018 11:51*	WG1191142
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*11/01/2018 14:58*	WG1189765
(S) 4-Bromofluorobenzene	*84.1*			*77.0-126*		*11/04/2018 11:51*	WG1191142

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	U		0.597	3.00	1	11/06/2018 14:13	WG1192107
(S) Toluene-d8	*111*			*77.0-127*		*11/06/2018 14:13*	WG1192107

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	11/01/2018 15:20	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 15:20	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 15:20	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 15:20	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 15:20	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 15:20	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 15:20	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 15:20	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 15:20	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 15:20	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 15:20	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 15:20	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 15:20	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 15:20	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 15:20	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 15:20	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 15:20	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 15:20	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 15:20	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 15:20	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 15:20	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 15:20	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 15:20	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 15:20	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 15:20	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 15:20	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 15:20	WG1189765
1,1-Dichloroethane	U		0.259	1.00	1	11/01/2018 15:20	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 15:20	WG1189765
1,1-Dichloroethene	1.14		0.398	1.00	1	11/04/2018 12:11	WG1191142
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 15:20	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 15:20	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 15:20	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 15:20	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 15:20	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 15:20	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 15:20	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 15:20	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 15:20	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 15:20	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 15:20	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 15:20	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 15:20	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 15:20	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 15:20	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 15:20	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 15:20	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 15:20	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 15:20	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 15:20	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 15:20	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 15:20	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 15:20	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 15:20	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 15:20	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 15:20	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 15:20	WG1189765
1,1,1-Trichloroethane	2.81		0.319	1.00	1	11/04/2018 12:11	WG1191142
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 15:20	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 15:20	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 15:20	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 15:20	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 15:20	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 15:20	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 15:20	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 15:20	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 15:20	WG1189765
(S) Toluene-d8	*97.9*			*80.0-120*		*11/01/2018 15:20*	WG1189765
(S) Toluene-d8	*102*			*80.0-120*		*11/04/2018 12:11*	WG1191142
(S) Dibromofluoromethane	*110*			*75.0-120*		*11/01/2018 15:20*	WG1189765
(S) Dibromofluoromethane	*105*			*75.0-120*		*11/04/2018 12:11*	WG1191142
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*11/01/2018 15:20*	WG1189765
(S) 4-Bromofluorobenzene	*85.8*			*77.0-126*		*11/04/2018 12:11*	WG1191142

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	U		0.597	3.00	1	11/06/2018 14:33	WG1192107
(S) Toluene-d8	*111*			*77.0-127*		*11/06/2018 14:33*	WG1192107

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	11/01/2018 15:42	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 15:42	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 15:42	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 15:42	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 15:42	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 15:42	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 15:42	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 15:42	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 15:42	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 15:42	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 15:42	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 15:42	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 15:42	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 15:42	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 15:42	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 15:42	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 15:42	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 15:42	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 15:42	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 15:42	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 15:42	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 15:42	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 15:42	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 15:42	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 15:42	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 15:42	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 15:42	WG1189765
1,1-Dichloroethane	U		0.259	1.00	1	11/01/2018 15:42	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 15:42	WG1189765
1,1-Dichloroethene	U		0.398	1.00	1	11/01/2018 15:42	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 15:42	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 15:42	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 15:42	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 15:42	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 15:42	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 15:42	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 15:42	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 15:42	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 15:42	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 15:42	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 15:42	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 15:42	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 15:42	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 15:42	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 15:42	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 15:42	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 15:42	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 15:42	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 15:42	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 15:42	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 15:42	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 15:42	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 15:42	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 15:42	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 15:42	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 15:42	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 15:42	WG1189765
1,1,1-Trichloroethane	0.805	J	0.319	1.00	1	11/04/2018 12:31	WG1191142
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 15:42	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 15:42	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 15:42	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 15:42	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 15:42	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 15:42	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 15:42	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 15:42	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 15:42	WG1189765
(S) Toluene-d8	*98.7*			*80.0-120*		*11/01/2018 15:42*	WG1189765
(S) Toluene-d8	*98.8*			*80.0-120*		*11/04/2018 12:31*	WG1191142
(S) Dibromofluoromethane	*107*			*75.0-120*		*11/01/2018 15:42*	WG1189765
(S) Dibromofluoromethane	*103*			*75.0-120*		*11/04/2018 12:31*	WG1191142
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*11/01/2018 15:42*	WG1189765
(S) 4-Bromofluorobenzene	*87.4*			*77.0-126*		*11/04/2018 12:31*	WG1191142

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	U		0.597	3.00	1	11/06/2018 14:52	WG1192107
(S) Toluene-d8	*111*			*77.0-127*		*11/06/2018 14:52*	WG1192107

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	11/01/2018 16:04	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 16:04	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 16:04	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 16:04	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 16:04	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 16:04	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 16:04	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 16:04	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 16:04	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 16:04	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 16:04	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 16:04	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 16:04	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 16:04	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 16:04	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 16:04	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 16:04	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 16:04	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 16:04	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 16:04	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 16:04	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 16:04	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 16:04	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 16:04	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 16:04	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 16:04	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 16:04	WG1189765
1,1-Dichloroethane	0.610	J	0.259	1.00	1	11/01/2018 16:04	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 16:04	WG1189765
1,1-Dichloroethene	5.17		0.398	1.00	1	11/01/2018 16:04	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 16:04	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 16:04	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 16:04	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 16:04	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 16:04	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 16:04	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 16:04	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 16:04	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 16:04	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 16:04	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 16:04	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 16:04	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 16:04	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 16:04	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 16:04	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 16:04	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 16:04	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 16:04	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 16:04	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 16:04	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 16:04	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 16:04	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 16:04	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 16:04	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 16:04	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 16:04	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 16:04	WG1189765
1,1,1-Trichloroethane	8.05		0.319	1.00	1	11/01/2018 16:04	WG1189765
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 16:04	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 16:04	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 16:04	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 16:04	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 16:04	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 16:04	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 16:04	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 16:04	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 16:04	WG1189765
(S) Toluene-d8	*96.6*			*80.0-120*		*11/01/2018 16:04*	WG1189765
(S) Dibromofluoromethane	*107*			*75.0-120*		*11/01/2018 16:04*	WG1189765
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*11/01/2018 16:04*	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	3.37		0.597	3.00	1	11/06/2018 15:11	WG1192107
(S) Toluene-d8	*111*			*77.0-127*		*11/06/2018 15:11*	WG1192107

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	11/01/2018 16:26	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 16:26	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 16:26	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 16:26	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 16:26	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 16:26	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 16:26	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 16:26	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 16:26	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 16:26	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 16:26	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 16:26	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 16:26	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 16:26	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 16:26	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 16:26	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 16:26	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 16:26	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 16:26	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 16:26	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 16:26	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 16:26	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 16:26	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 16:26	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 16:26	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 16:26	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 16:26	WG1189765
1,1-Dichloroethane	1.55		0.259	1.00	1	11/01/2018 16:26	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 16:26	WG1189765
1,1-Dichloroethene	2.83		0.398	1.00	1	11/01/2018 16:26	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 16:26	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 16:26	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 16:26	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 16:26	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 16:26	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 16:26	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 16:26	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 16:26	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 16:26	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 16:26	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 16:26	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 16:26	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 16:26	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 16:26	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 16:26	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 16:26	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 16:26	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 16:26	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 16:26	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 16:26	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 16:26	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 16:26	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 16:26	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 16:26	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 16:26	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 16:26	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 16:26	WG1189765
1,1,1-Trichloroethane	1.35		0.319	1.00	1	11/01/2018 16:26	WG1189765
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 16:26	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 16:26	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 16:26	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 16:26	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 16:26	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 16:26	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 16:26	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 16:26	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 16:26	WG1189765
(S) Toluene-d8	*97.6*			*80.0-120*		*11/01/2018 16:26*	WG1189765
(S) Dibromofluoromethane	*111*			*75.0-120*		*11/01/2018 16:26*	WG1189765
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*11/01/2018 16:26*	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	4.92		0.597	3.00	1	11/06/2018 15:31	WG1192107
(S) Toluene-d8	*110*			*77.0-127*		*11/06/2018 15:31*	WG1192107

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	11/01/2018 16:48	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 16:48	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 16:48	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 16:48	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 16:48	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 16:48	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 16:48	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 16:48	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 16:48	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 16:48	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 16:48	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 16:48	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 16:48	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 16:48	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 16:48	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 16:48	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 16:48	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 16:48	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 16:48	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 16:48	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 16:48	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 16:48	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 16:48	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 16:48	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 16:48	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 16:48	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 16:48	WG1189765
1,1-Dichloroethane	U		0.259	1.00	1	11/01/2018 16:48	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 16:48	WG1189765
1,1-Dichloroethene	U		0.398	1.00	1	11/01/2018 16:48	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 16:48	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 16:48	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 16:48	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 16:48	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 16:48	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 16:48	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 16:48	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 16:48	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 16:48	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 16:48	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 16:48	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 16:48	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 16:48	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 16:48	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 16:48	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 16:48	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 16:48	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 16:48	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 16:48	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 16:48	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 16:48	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 16:48	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 16:48	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 16:48	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 16:48	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 16:48	WG1189765

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	11/01/2018 16:48	WG1189765
1,1,1-Trichloroethane	U		0.319	1.00	1	11/01/2018 16:48	WG1189765
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 16:48	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 16:48	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 16:48	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 16:48	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 16:48	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 16:48	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 16:48	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 16:48	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 16:48	WG1189765
(S) Toluene-d8	*96.7*			*80.0-120*		*11/01/2018 16:48*	WG1189765
(S) Dibromofluoromethane	*111*			*75.0-120*		*11/01/2018 16:48*	WG1189765
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*11/01/2018 16:48*	WG1189765

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	11/06/2018 15:51	WG1192107
(S) Toluene-d8	*111*			*77.0-127*		*11/06/2018 15:51*	WG1192107

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	11/01/2018 17:10	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 17:10	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 17:10	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 17:10	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 17:10	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 17:10	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 17:10	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 17:10	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 17:10	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 17:10	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 17:10	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 17:10	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 17:10	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 17:10	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 17:10	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 17:10	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 17:10	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 17:10	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 17:10	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 17:10	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 17:10	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 17:10	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 17:10	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 17:10	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 17:10	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 17:10	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 17:10	WG1189765
1,1-Dichloroethane	U		0.259	1.00	1	11/01/2018 17:10	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 17:10	WG1189765
1,1-Dichloroethene	U		0.398	1.00	1	11/01/2018 17:10	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 17:10	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 17:10	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 17:10	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 17:10	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 17:10	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 17:10	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 17:10	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 17:10	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 17:10	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 17:10	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 17:10	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 17:10	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 17:10	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 17:10	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 17:10	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 17:10	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 17:10	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 17:10	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 17:10	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 17:10	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 17:10	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 17:10	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 17:10	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 17:10	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 17:10	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 17:10	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 17:10	WG1189765
1,1,1-Trichloroethane	U		0.319	1.00	1	11/01/2018 17:10	WG1189765
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 17:10	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 17:10	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 17:10	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 17:10	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 17:10	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 17:10	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 17:10	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 17:10	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 17:10	WG1189765
(S) Toluene-d8	*96.2*			*80.0-120*		*11/01/2018 17:10*	WG1189765
(S) Dibromofluoromethane	*111*			*75.0-120*		*11/01/2018 17:10*	WG1189765
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*11/01/2018 17:10*	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	U		0.597	3.00	1	11/06/2018 16:10	WG1192107
(S) Toluene-d8	*111*			*77.0-127*		*11/06/2018 16:10*	WG1192107

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	11/01/2018 17:31	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 17:31	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 17:31	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 17:31	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 17:31	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 17:31	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 17:31	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 17:31	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 17:31	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 17:31	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 17:31	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 17:31	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 17:31	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 17:31	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 17:31	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 17:31	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 17:31	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 17:31	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 17:31	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 17:31	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 17:31	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 17:31	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 17:31	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 17:31	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 17:31	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 17:31	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 17:31	WG1189765
1,1-Dichloroethane	1.47		0.259	1.00	1	11/01/2018 17:31	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 17:31	WG1189765
1,1-Dichloroethene	2.92		0.398	1.00	1	11/01/2018 17:31	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 17:31	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 17:31	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 17:31	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 17:31	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 17:31	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 17:31	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 17:31	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 17:31	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 17:31	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 17:31	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 17:31	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 17:31	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 17:31	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 17:31	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 17:31	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 17:31	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 17:31	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 17:31	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 17:31	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 17:31	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 17:31	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 17:31	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 17:31	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 17:31	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 17:31	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 17:31	WG1189765

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	11/01/2018 17:31	WG1189765
1,1,1-Trichloroethane	1.50		0.319	1.00	1	11/01/2018 17:31	WG1189765
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 17:31	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 17:31	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 17:31	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 17:31	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 17:31	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 17:31	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 17:31	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 17:31	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 17:31	WG1189765
(S) Toluene-d8	*95.5*			*80.0-120*		*11/01/2018 17:31*	WG1189765
(S) Dibromofluoromethane	*112*			*75.0-120*		*11/01/2018 17:31*	WG1189765
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*11/01/2018 17:31*	WG1189765

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	7.29		0.597	3.00	1	11/06/2018 16:29	WG1192107
(S) Toluene-d8	*111*			*77.0-127*		*11/06/2018 16:29*	WG1192107

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	11/01/2018 17:53	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 17:53	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 17:53	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 17:53	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 17:53	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 17:53	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 17:53	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 17:53	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 17:53	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 17:53	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 17:53	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 17:53	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 17:53	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 17:53	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 17:53	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 17:53	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 17:53	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 17:53	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 17:53	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 17:53	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 17:53	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 17:53	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 17:53	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 17:53	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 17:53	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 17:53	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 17:53	WG1189765
1,1-Dichloroethane	U		0.259	1.00	1	11/01/2018 17:53	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 17:53	WG1189765
1,1-Dichloroethene	U		0.398	1.00	1	11/01/2018 17:53	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 17:53	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 17:53	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 17:53	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 17:53	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 17:53	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 17:53	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 17:53	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 17:53	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 17:53	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 17:53	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 17:53	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 17:53	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 17:53	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 17:53	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 17:53	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 17:53	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 17:53	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 17:53	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 17:53	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 17:53	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 17:53	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 17:53	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 17:53	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 17:53	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 17:53	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 17:53	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 17:53	WG1189765
1,1,1-Trichloroethane	U		0.319	1.00	1	11/01/2018 17:53	WG1189765
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 17:53	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 17:53	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 17:53	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 17:53	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 17:53	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 17:53	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 17:53	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 17:53	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 17:53	WG1189765
(S) Toluene-d8	*96.0*			*80.0-120*		*11/01/2018 17:53*	WG1189765
(S) Dibromofluoromethane	*112*			*75.0-120*		*11/01/2018 17:53*	WG1189765
(S) 4-Bromofluorobenzene	*105*			*77.0-126*		*11/01/2018 17:53*	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	U		0.597	3.00	1	11/06/2018 16:49	WG1192107
(S) Toluene-d8	*111*			*77.0-127*		*11/06/2018 16:49*	WG1192107

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	11/01/2018 18:15	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 18:15	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 18:15	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 18:15	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 18:15	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 18:15	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 18:15	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 18:15	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 18:15	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 18:15	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 18:15	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 18:15	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 18:15	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 18:15	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 18:15	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 18:15	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 18:15	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 18:15	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 18:15	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 18:15	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 18:15	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 18:15	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 18:15	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 18:15	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 18:15	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 18:15	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 18:15	WG1189765
1,1-Dichloroethane	0.610	J	0.259	1.00	1	11/01/2018 18:15	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 18:15	WG1189765
1,1-Dichloroethene	5.54		0.398	1.00	1	11/01/2018 18:15	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 18:15	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 18:15	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 18:15	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 18:15	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 18:15	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 18:15	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 18:15	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 18:15	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 18:15	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 18:15	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 18:15	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 18:15	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 18:15	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 18:15	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 18:15	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 18:15	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 18:15	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 18:15	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 18:15	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 18:15	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 18:15	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 18:15	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 18:15	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 18:15	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 18:15	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 18:15	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,2,4-Trichlorobenzene	U		0.355	1.00	1	11/01/2018 18:15	WG1189765
1,1,1-Trichloroethane	8.76		0.319	1.00	1	11/01/2018 18:15	WG1189765
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 18:15	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 18:15	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 18:15	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 18:15	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 18:15	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 18:15	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 18:15	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 18:15	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 18:15	WG1189765
(S) Toluene-d8	*96.3*			*80.0-120*		*11/01/2018 18:15*	WG1189765
(S) Dibromofluoromethane	*109*			*75.0-120*		*11/01/2018 18:15*	WG1189765
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*11/01/2018 18:15*	WG1189765

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

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
1,4-Dioxane	3.75		0.597	3.00	1	11/06/2018 17:08	WG1192107
(S) Toluene-d8	*111*			*77.0-127*		*11/06/2018 17:08*	WG1192107

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

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U		10.0	50.0	1	11/01/2018 12:25	WG1189765
Acrolein	U		8.87	50.0	1	11/01/2018 12:25	WG1189765
Acrylonitrile	U		1.87	10.0	1	11/01/2018 12:25	WG1189765
Benzene	U		0.331	1.00	1	11/01/2018 12:25	WG1189765
Bromobenzene	U		0.352	1.00	1	11/01/2018 12:25	WG1189765
Bromodichloromethane	U		0.380	1.00	1	11/01/2018 12:25	WG1189765
Bromoform	U		0.469	1.00	1	11/01/2018 12:25	WG1189765
Bromomethane	U		0.866	5.00	1	11/01/2018 12:25	WG1189765
n-Butylbenzene	U		0.361	1.00	1	11/01/2018 12:25	WG1189765
sec-Butylbenzene	U		0.365	1.00	1	11/01/2018 12:25	WG1189765
tert-Butylbenzene	U		0.399	1.00	1	11/01/2018 12:25	WG1189765
Carbon disulfide	U		0.275	1.00	1	11/01/2018 12:25	WG1189765
Carbon tetrachloride	U		0.379	1.00	1	11/01/2018 12:25	WG1189765
Chlorobenzene	U		0.348	1.00	1	11/01/2018 12:25	WG1189765
Chlorodibromomethane	U		0.327	1.00	1	11/01/2018 12:25	WG1189765
Chloroethane	U		0.453	5.00	1	11/01/2018 12:25	WG1189765
Chloroform	U		0.324	5.00	1	11/01/2018 12:25	WG1189765
Chloromethane	U		0.276	2.50	1	11/01/2018 12:25	WG1189765
2-Chlorotoluene	U		0.375	1.00	1	11/01/2018 12:25	WG1189765
4-Chlorotoluene	U		0.351	1.00	1	11/01/2018 12:25	WG1189765
1,2-Dibromo-3-Chloropropane	U		1.33	5.00	1	11/01/2018 12:25	WG1189765
1,2-Dibromoethane	U		0.381	1.00	1	11/01/2018 12:25	WG1189765
Dibromomethane	U		0.346	1.00	1	11/01/2018 12:25	WG1189765
1,2-Dichlorobenzene	U		0.349	1.00	1	11/01/2018 12:25	WG1189765
1,3-Dichlorobenzene	U		0.220	1.00	1	11/01/2018 12:25	WG1189765
1,4-Dichlorobenzene	U		0.274	1.00	1	11/01/2018 12:25	WG1189765
Dichlorodifluoromethane	U		0.551	5.00	1	11/01/2018 12:25	WG1189765
1,1-Dichloroethane	U		0.259	1.00	1	11/01/2018 12:25	WG1189765
1,2-Dichloroethane	U		0.361	1.00	1	11/01/2018 12:25	WG1189765
1,1-Dichloroethene	U		0.398	1.00	1	11/01/2018 12:25	WG1189765
cis-1,2-Dichloroethene	U		0.260	1.00	1	11/01/2018 12:25	WG1189765
trans-1,2-Dichloroethene	U		0.396	1.00	1	11/01/2018 12:25	WG1189765
1,2-Dichloropropane	U		0.306	1.00	1	11/01/2018 12:25	WG1189765
1,1-Dichloropropene	U		0.352	1.00	1	11/01/2018 12:25	WG1189765
1,3-Dichloropropane	U		0.366	1.00	1	11/01/2018 12:25	WG1189765
cis-1,3-Dichloropropene	U		0.418	1.00	1	11/01/2018 12:25	WG1189765
trans-1,3-Dichloropropene	U		0.419	1.00	1	11/01/2018 12:25	WG1189765
2,2-Dichloropropane	U		0.321	1.00	1	11/01/2018 12:25	WG1189765
Di-isopropyl ether	U		0.320	1.00	1	11/01/2018 12:25	WG1189765
Ethylbenzene	U		0.384	1.00	1	11/01/2018 12:25	WG1189765
Hexachloro-1,3-butadiene	U		0.256	1.00	1	11/01/2018 12:25	WG1189765
Isopropylbenzene	U		0.326	1.00	1	11/01/2018 12:25	WG1189765
p-Isopropyltoluene	U		0.350	1.00	1	11/01/2018 12:25	WG1189765
2-Butanone (MEK)	U		3.93	10.0	1	11/01/2018 12:25	WG1189765
Methylene Chloride	U		1.00	5.00	1	11/01/2018 12:25	WG1189765
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0	1	11/01/2018 12:25	WG1189765
Methyl tert-butyl ether	U		0.367	1.00	1	11/01/2018 12:25	WG1189765
Naphthalene	U		1.00	5.00	1	11/01/2018 12:25	WG1189765
n-Propylbenzene	U		0.349	1.00	1	11/01/2018 12:25	WG1189765
Styrene	U		0.307	1.00	1	11/01/2018 12:25	WG1189765
1,1,1,2-Tetrachloroethane	U		0.385	1.00	1	11/01/2018 12:25	WG1189765
1,1,2,2-Tetrachloroethane	U		0.130	1.00	1	11/01/2018 12:25	WG1189765
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00	1	11/01/2018 12:25	WG1189765
Tetrachloroethene	U		0.372	1.00	1	11/01/2018 12:25	WG1189765
Toluene	U		0.412	1.00	1	11/01/2018 12:25	WG1189765
1,2,3-Trichlorobenzene	U		0.230	1.00	1	11/01/2018 12:25	WG1189765

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	11/01/2018 12:25	WG1189765
1,1,1-Trichloroethane	U		0.319	1.00	1	11/01/2018 12:25	WG1189765
1,1,2-Trichloroethane	U		0.383	1.00	1	11/01/2018 12:25	WG1189765
Trichloroethene	U		0.398	1.00	1	11/01/2018 12:25	WG1189765
Trichlorofluoromethane	U		1.20	5.00	1	11/01/2018 12:25	WG1189765
1,2,3-Trichloropropane	U		0.807	2.50	1	11/01/2018 12:25	WG1189765
1,2,4-Trimethylbenzene	U		0.373	1.00	1	11/01/2018 12:25	WG1189765
1,2,3-Trimethylbenzene	U		0.321	1.00	1	11/01/2018 12:25	WG1189765
1,3,5-Trimethylbenzene	U		0.387	1.00	1	11/01/2018 12:25	WG1189765
Vinyl chloride	U		0.259	1.00	1	11/01/2018 12:25	WG1189765
Xylenes, Total	U		1.06	3.00	1	11/01/2018 12:25	WG1189765
(S) Toluene-d8	*99.2*			*80.0-120*		*11/01/2018 12:25*	WG1189765
(S) Dibromofluoromethane	*109*			*75.0-120*		*11/01/2018 12:25*	WG1189765
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*11/01/2018 12:25*	WG1189765

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	11/06/2018 12:55	WG1192107
(S) Toluene-d8	*110*			*77.0-127*		*11/06/2018 12:55*	WG1192107

Method Blank (MB)

(MB) R3356654-2 11/01/18 11:07

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

Method Blank (MB)

(MB) R3356654-2 11/01/18 11:07

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	U		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	*98.3*			*80.0-120*
(S) Dibromofluoromethane	*106*			*75.0-120*
(S) 4-Bromofluorobenzene	*105*			*77.0-126*

Laboratory Control Sample (LCS)

(LCS) R3356654-1 11/01/18 10:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	125	147	118	19.0-160	
Acrolein	125	108	86.5	10.0-160	
Acrylonitrile	125	135	108	55.0-149	

Laboratory Control Sample (LCS)

(LCS) R3356654-1 11/01/18 10:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	25.0	23.1	92.3	70.0-123	
Bromobenzene	25.0	23.4	93.4	73.0-121	
Bromodichloromethane	25.0	25.1	100	75.0-120	
Bromoform	25.0	25.3	101	68.0-132	
Bromomethane	25.0	22.4	89.6	10.0-160	
n-Butylbenzene	25.0	24.1	96.5	73.0-125	
sec-Butylbenzene	25.0	23.5	94.1	75.0-125	
tert-Butylbenzene	25.0	23.7	95.0	76.0-124	
Carbon disulfide	25.0	23.3	93.0	61.0-128	
Carbon tetrachloride	25.0	25.5	102	68.0-126	
Chlorobenzene	25.0	22.8	91.0	80.0-121	
Chlorodibromomethane	25.0	24.8	99.1	77.0-125	
Chloroethane	25.0	23.9	95.6	47.0-150	
Chloroform	25.0	24.9	99.4	73.0-120	
Chloromethane	25.0	24.7	98.8	41.0-142	
2-Chlorotoluene	25.0	23.9	95.6	76.0-123	
4-Chlorotoluene	25.0	24.4	97.6	75.0-122	
1,2-Dibromo-3-Chloropropane	25.0	23.1	92.2	58.0-134	
1,2-Dibromoethane	25.0	22.9	91.5	80.0-122	
Dibromomethane	25.0	24.6	98.5	80.0-120	
1,2-Dichlorobenzene	25.0	23.3	93.0	79.0-121	
1,3-Dichlorobenzene	25.0	22.9	91.7	79.0-120	
1,4-Dichlorobenzene	25.0	22.6	90.5	79.0-120	
Dichlorodifluoromethane	25.0	26.3	105	51.0-149	
1,1-Dichloroethane	25.0	25.3	101	70.0-126	
1,2-Dichloroethane	25.0	26.8	107	70.0-128	
1,1-Dichloroethene	25.0	23.4	93.5	71.0-124	
cis-1,2-Dichloroethene	25.0	23.1	92.3	73.0-120	
trans-1,2-Dichloroethene	25.0	23.9	95.4	73.0-120	
1,2-Dichloropropane	25.0	23.5	93.9	77.0-125	
1,1-Dichloropropene	25.0	24.3	97.3	74.0-126	
1,3-Dichloropropane	25.0	22.5	90.1	80.0-120	
cis-1,3-Dichloropropene	25.0	23.1	92.3	80.0-123	
trans-1,3-Dichloropropene	25.0	24.0	95.8	78.0-124	
2,2-Dichloropropane	25.0	27.2	109	58.0-130	
Di-isopropyl ether	25.0	26.0	104	58.0-138	
Ethylbenzene	25.0	22.8	91.3	79.0-123	
Hexachloro-1,3-butadiene	25.0	24.2	96.8	54.0-138	
Isopropylbenzene	25.0	24.4	97.5	76.0-127	
p-Isopropyltoluene	25.0	24.2	97.0	76.0-125	

Laboratory Control Sample (LCS)

(LCS) R3356654-1 11/01/18 10:24

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
2-Butanone (MEK)	125	133	106	44.0-160	
Methylene Chloride	25.0	22.2	88.9	67.0-120	
4-Methyl-2-pentanone (MIBK)	125	129	103	68.0-142	
Methyl tert-butyl ether	25.0	24.6	98.6	68.0-125	
Naphthalene	25.0	23.4	93.6	54.0-135	
n-Propylbenzene	25.0	24.1	96.5	77.0-124	
Styrene	25.0	24.4	97.6	73.0-130	
1,1,1,2-Tetrachloroethane	25.0	24.4	97.6	75.0-125	
1,1,2,2-Tetrachloroethane	25.0	23.7	94.7	65.0-130	
Tetrachloroethene	25.0	20.8	83.3	72.0-132	
Toluene	25.0	21.9	87.7	79.0-120	
1,1,2-Trichlorotrifluoroethane	25.0	26.1	104	69.0-132	
1,2,3-Trichlorobenzene	25.0	24.5	97.9	50.0-138	
1,2,4-Trichlorobenzene	25.0	24.4	97.8	57.0-137	
1,1,1-Trichloroethane	25.0	26.5	106	73.0-124	
1,1,2-Trichloroethane	25.0	22.1	88.2	80.0-120	
Trichloroethene	25.0	22.9	91.7	78.0-124	
Trichlorofluoromethane	25.0	28.7	115	59.0-147	
1,2,3-Trichloropropane	25.0	25.7	103	73.0-130	
1,2,3-Trimethylbenzene	25.0	24.3	97.0	77.0-120	
1,2,4-Trimethylbenzene	25.0	24.2	96.9	76.0-121	
1,3,5-Trimethylbenzene	25.0	25.1	101	76.0-122	
Vinyl chloride	25.0	24.6	98.3	67.0-131	
Xylenes, Total	75.0	68.4	91.2	79.0-123	
(S) Toluene-d8			*97.9*	*80.0-120*	
(S) Dibromofluoromethane			*107*	*75.0-120*	
(S) 4-Bromofluorobenzene			*102*	*77.0-126*	

Method Blank (MB)

(MB) R3357458-3 11/04/18 10:17

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
1,1-Dichloroethene	U		0.398	1.00
1,1,1-Trichloroethane	U		0.319	1.00
(S) Toluene-d8	*100*			*80.0-120*
(S) Dibromofluoromethane	*104*			*75.0-120*
(S) 4-Bromofluorobenzene	*83.3*			*77.0-126*

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

(LCS) R3357458-1 11/04/18 09:17 • (LCSD) R3357458-2 11/04/18 09:37

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
1,1-Dichloroethene	25.0	25.7	25.5	103	102	71.0-124			0.969	20
1,1,1-Trichloroethane	25.0	27.7	28.1	111	112	73.0-124			1.47	20
(S) Toluene-d8				*99.3*	*99.5*	*80.0-120*				
(S) Dibromofluoromethane				*103*	*103*	*75.0-120*				
(S) 4-Bromofluorobenzene				*83.1*	*86.0*	*77.0-126*				

Method Blank (MB)

(MB) R3357513-3 11/06/18 11:14

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	*111*			*77.0-127*

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

(LCS) R3357513-1 11/06/18 09:57 • (LCSD) R3357513-2 11/06/18 10:16

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	48.8	48.9	97.6	97.9	55.0-138			0.283	24
(S) Toluene-d8				*103*	*110*	*77.0-127*				

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

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T 104704245-17-14
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

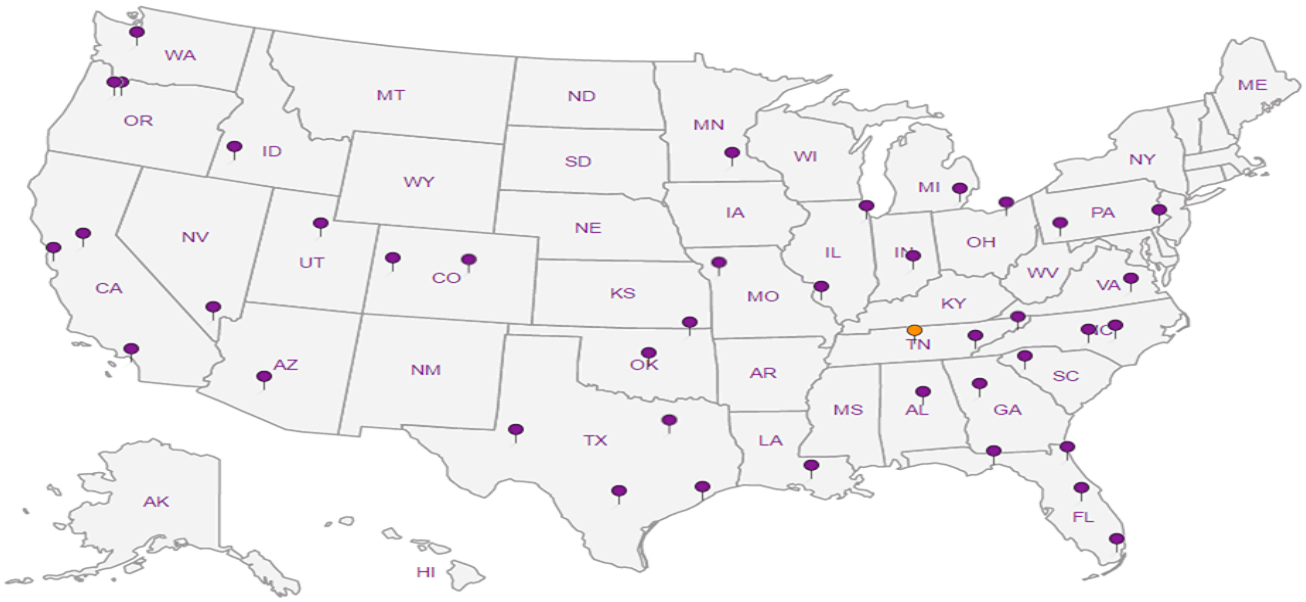
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

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

Our Locations

Pace National 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. Pace National performs all testing at our central laboratory.



State of Oregon Chain of Custody

Agency, Authorized Purchaser or Agent:

Send Lab Report To: Chris Richardson
Address: 4026 Fairview Industrial Drive, Salem, OR, 97302
Tel. #: 503-378-5045
E-mail: richardson.chris@deq.state.or.us

Contract Laboratory Name: Pace Analytical
Lab Batch #:
Invoice To: Address: DEQEXP@deq.state.or.us

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

Project Name: Montezuma West
Project #: QTime # 25265
Sampler Name: Chris Richardson

Sample Preservative: HCL | HCL

Requested Analyses

Sample ID#	Collection Date/Time	Matrix	Number of Containers	VOCs 8260C	1,4-Dioxane 8260LL									Comments D212
MW-11 10/29/18	1300	W	5	X	X									PDB L1039802-01
MW-14	1335	W	5	X	X									PDB 02
MW-17	1320	W	~~5~~ 4	X	X									PDB Sample Broken 03
DW-18	1520	W	6	X	X									04
DW-19	1535	W	6	X	X									05
DW-20	1545	W	6	X	X									06
DW-21	1500	W	6	X	X									07
~~DW-23~~		~~W~~	~~6~~	~~X~~	~~X~~									No Sample
DW-25	1415	W	6	X	X									08
DW-25F	1410	W	6	X	X									Filtered 09
DW-27	1440	W	6	X	X									10
PW-3	1345	W	6	X	X									11

Notes: MW-17 analyze what is possible with provided ammount. RAD SCREEN: <0.5 mR/hr 1.8 1.7 COC82

Relinquished By: Chris Richardson	Agency/Agent: OR-DEQ	Received By: Malik Tisdale	Agency/Agent:
Signature: [signature]	Time & Date: 10/30/18 1600	Signature:	Time & Date: 10/31 8:45
Relinquished By:	Agency/Agent:	Received By:	Agency/Agent:
Signature:	Time & Date:	Signature:	Time & Date:

State of Oregon Chain of Custody

Agency, Authorized Purchaser or Agent:	**Contract Laboratory Name:** Environmental Science Corp.	**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: Chris Richardson Address: 4026 Fairview Industrial Drive, Salem, OR, 97302 Tel. #: 503-378-5045 E-mail: richardson.chris@deq.state.or.us	**Lab Batch #:** **Invoice To:** Address: DEQEXP@deq.state.or.us		
Project Name: ~~Laureldale Lane~~ Montezuma West Project #: QTime # ~~36948~~ 25265 Sampler Name: Chris Richardson			

Sample ID#	Collection Date/Time	Matrix	Number of Containers	VOCs 8260C	1,4-Dioxane 8260LL	Comments
				Sample Preservative HCL		
				Requested Analyses		
PW-3F	10/29/18 1350	W	6	X	X	Filtered L1039802-12
DUP1	1500	W	6	X	X	DW-21 13
Trip Blank	1200	W	2 6	X	X	H

Notes: RAD SCREEN: <0.5 mR/hr 1.9 1.7 COCSI

Relinquished By: Chris Richardson	Agency/Agent: OR-DEQ	Received By: Mark TPSdale	Agency/Agent:
Signature:	Time & Date:	Signature:	Time & Date: 10/31 / 4:45
Relinquished By:	Agency/Agent:	Received By:	Agency/Agent:
Signature:	Time & Date:	Signature:	Time & Date:

Pace Analytical National Center for Testing & Innovation
Cooler Receipt Form

Client: ONEGOLD EA	SDG#	L1039302
Cooler Received/Opened On: 10/31/18	Temperature:	1.8
Received By: Malik Tisdale		
Signature: Malik Tisdale		

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?			