

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062810.D
 Acq On : 21 Jun 2019 12:26
 Operator : VA/AP
 Sample : K3159-05RE
 Misc : 7.35g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-061919-ARE

Quant Time: Jun 22 04:12:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	31430	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	42574	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	36819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	19498	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	33941	99.35	ug/l	0.01
Spiked Amount			Recovery	=	198.70%	
35) Dibromofluoromethane	6.94	113	24850	69.22	ug/l	0.01
Spiked Amount			Recovery	=	138.44%	
50) Toluene-d8	10.43	98	38440	49.20	ug/l	0.01
Spiked Amount			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	13.57	95	21210	59.70	ug/l	0.01
Spiked Amount			Recovery	=	119.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	691	2.259	ug/l #	45
5) Bromomethane	2.21	94	2419	17.032	ug/l #	13
6) Chloroethane	2.24	64	297	2.163	ug/l #	46
8) Diethyl Ether	2.89	74	415	5.322	ug/l	48
10) Methyl Iodide	3.33	142	1010	2.302	ug/l #	72
13) Acrolein	3.03	56	190	11.961	ug/l #	15
15) Acrylonitrile	4.24	53	324	8.862	ug/l #	11
16) Acetone	3.24	43	2384	28.204	ug/l #	64
20) Methylene Chloride	3.82	84	624	2.395	ug/l #	5
25) 2-Butanone	6.15	43	416	6.510	ug/l #	64
29) Tetrahydrofuran	6.72	42	202	6.682	ug/l #	33
36) 1,1-Dichloropropene	7.06	75	1967	4.881	ug/l #	46
37) Ethyl Acetate	6.15	43	416	1.386	ug/l #	69
39) Methylcyclohexane	8.89	83	460	1.297	ug/l #	11
51) 4-Methyl-2-Pentanone	10.32	43	261	1.742	ug/l #	41
55) 1,1,2-Trichloroethane	11.21	97	233	1.247	ug/l #	14
56) Ethyl methacrylate	11.13	69	209	1.047	ug/l #	11
58) 2-Chloroethyl Vinyl ether	9.89	63	560	5.463	ug/l #	47
59) 2-Hexanone	11.55	43	687	6.439	ug/l #	31
68) m/p-Xylenes	12.68	106	467	1.093	ug/l #	43
77) Bromobenzene	13.68	156	372	1.106	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.94	105	1286	1.225	ug/l	74
81) trans-1,4-Dichloro-2-buten	13.57	75	9129	154.748	ug/l #	2
82) 4-Chlorotoluene	13.96	91	1568	1.566	ug/l #	43
84) 1,2,4-Trimethylbenzene	14.25	105	2471	2.296	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	732	1.214	ug/l #	72
88) 1,4-Dichlorobenzene	14.46	146	732	1.209	ug/l	77
91) 1,2-Dichlorobenzene	14.82	146	766	1.485	ug/l #	46
92) 1,2-Dibromo-3-Chloropropan	15.39	75	197	4.955	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.96	180	1250	3.103	ug/l #	88
95) Naphthalene	16.14	128	4305	7.624	ug/l #	91
96) 1,2,3-Trichlorobenzene	16.27	180	1676	5.415	ug/l	69

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(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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