

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058210.D
 Acq On : 20 Jun 2018 15:20
 Operator : VA/AP
 Sample : J3249-07RE
 Misc : 6.98g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-061818-DRE

Quant Time: Jun 21 01:45:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	6282	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.69	114	10206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	8956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	5121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	6112	96.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.64%	
35) Dibromofluoromethane	5.55	113	3602	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	
50) Toluene-d8	8.71	98	9339	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	11.94	95	4951	60.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.62%	

Target Compounds

						Qvalue
3) Chloromethane	1.48	50	506	15.45	ug/l	# 43
5) Bromomethane	1.83	94	1387	Below	Cal	91
10) Methyl Iodide	2.72	142	737	22.59	ug/l	# 28
14) Allyl chloride	2.87	41	1045	20.80	ug/l	# 10
16) Acetone	2.60	43	7245	834.90	ug/l	95
18) Methyl Acetate	2.92	43	1089	58.84	ug/l	# 65
20) Methylene Chloride	3.08	84	235	6.20	ug/l	# 1
25) 2-Butanone	4.87	43	254	13.43	ug/l	# 60
29) Tetrahydrofuran	4.74	42	182	18.08	ug/l	# 37
37) Ethyl Acetate	4.87	43	254	4.42	ug/l	# 72
38) Carbon Tetrachloride	5.65	117	267	2.66	ug/l	# 11
43) Isopropyl Acetate	7.78	43	504	6.57	ug/l	# 48
48) Methyl methacrylate	7.35	41	190	4.08	ug/l	# 18
51) 4-Methyl-2-Pentanone	8.61	43	727	14.53	ug/l	# 41
59) 2-Hexanone	9.90	43	208	5.75	ug/l	# 32
67) Ethyl Benzene	10.85	91	499	1.69	ug/l	# 47
68) m/p-Xylenes	11.01	106	367	3.72	ug/l	# 54
70) Styrene	11.44	104	184	1.14	ug/l	# 28
74) N-amyl acetate	11.74	43	243	2.05	ug/l	# 53
78) n-propylbenzene	12.15	91	1214	3.07	ug/l	# 57
79) 2-Chlorotoluene	12.23	91	304	1.34	ug/l	# 45
80) 1,3,5-Trimethylbenzene	12.32	105	1924	8.05	ug/l	# 71
81) trans-1,4-Dichloro-2-buten	11.93	75	1775	97.34	ug/l	# 1
82) 4-Chlorotoluene	12.33	91	764	Below	Cal	# 45
83) tert-Butylbenzene	12.63	119	1042	3.79	ug/l	# 89
84) 1,2,4-Trimethylbenzene	12.63	105	9594	36.94	ug/l	94
85) sec-Butylbenzene	12.75	105	1323	4.11	ug/l	# 62
86) p-Isopropyltoluene	12.88	119	863	3.31	ug/l	# 50
87) 1,3-Dichlorobenzene	12.84	146	194	1.22	ug/l	# 6
88) 1,4-Dichlorobenzene	12.93	146	584	3.75	ug/l	# 83
89) n-Butylbenzene	13.20	91	3986	14.54	ug/l	96
90) Hexachloroethane	13.49	117	2294	33.87	ug/l	# 1
91) 1,2-Dichlorobenzene	13.20	146	670	4.94	ug/l	# 76
93) 1,2,4-Trichlorobenzene	14.34	180	863	6.65	ug/l	# 69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	14.52	128	3641	21.30	ug/l #	77
96) 1,2,3-Trichlorobenzene	14.66	180	698	6.14	ug/l #	70

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

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