

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061806.D
 Acq On : 16 Apr 2019 12:52
 Operator : VA/AP
 Sample : K2347-01
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG01

Quant Time: Apr 16 13:25:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	38269	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	93008	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.38	117	36403	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	26797	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	87917	274.11	ug/l	-0.03
Spiked Amount			Recovery	=	548.22%	
35) Dibromofluoromethane	6.93	113	76623	109.04	ug/l	-0.04
Spiked Amount			Recovery	=	218.08%	
50) Toluene-d8	10.42	98	24699	14.83	ug/l	-0.03
Spiked Amount			Recovery	=	29.66%	
62) 4-Bromofluorobenzene	13.48	95	2647	3.92	ug/l	-0.10
Spiked Amount			Recovery	=	7.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	179	Below Cal	#	1
8) Diethyl Ether	2.89	74	223	1.776	ug/l #	1
10) Methyl Iodide	3.33	142	814	4.624	ug/l #	37
16) Acetone	3.23	43	64295	813.366	ug/l	97
18) Methyl Acetate	3.65	43	31422	198.325	ug/l #	88
20) Methylene Chloride	3.83	84	21016	53.839	ug/l	88
25) 2-Butanone	6.08	43	13806	153.410	ug/l	94
29) Tetrahydrofuran	6.09	42	180	4.106	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	2668	3.510	ug/l #	40
37) Ethyl Acetate	6.08	43	13806	42.443	ug/l #	64
38) Carbon Tetrachloride	7.06	117	3234	3.370	ug/l #	12
43) Isopropyl Acetate	9.26	43	756	1.652	ug/l #	43
51) 4-Methyl-2-Pentanone	10.31	43	1468	5.244	ug/l #	37
59) 2-Hexanone	11.53	43	3441	16.550	ug/l	98
67) Ethyl Benzene	12.67	91	1710	1.575	ug/l	89
68) m/p-Xylenes	12.67	106	539	1.322	ug/l #	56
70) Styrene	13.08	104	957	1.451	ug/l #	60
74) N-amyl acetate	13.33	43	23018	49.255	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	13.72	83	7818	22.758	ug/l #	76
80) 1,3,5-Trimethylbenzene	13.93	105	19788	14.350	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.56	75	8975	76.778	ug/l #	21
83) tert-Butylbenzene	14.19	119	2327	1.437	ug/l	76
85) sec-Butylbenzene	14.38	105	4567	2.729	ug/l	100
86) p-Isopropyltoluene	14.49	119	11437	7.303	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	1318	1.529	ug/l #	1
88) 1,4-Dichlorobenzene	14.54	146	1407	1.652	ug/l #	1
89) n-Butylbenzene	14.86	91	13301	9.595	ug/l #	1
90) Hexachloroethane	15.01	117	2706	6.339	ug/l #	20
91) 1,2-Dichlorobenzene	14.81	146	738	1.022	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	15.38	75	751	18.263	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.95	180	1196	3.016	ug/l #	1
95) Naphthalene	16.13	128	4530	7.454	ug/l #	43
96) 1,2,3-Trichlorobenzene	16.26	180	3915	17.327	ug/l #	1

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

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