

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060683.D
 Acq On : 21 Dec 2018 14:54
 Operator : VA/AP
 Sample : J6191-01
 Misc : 6.35g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-122018-A

Quant Time: Dec 21 22:23:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	18641	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	7.48	114	30043	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.30	117	26902	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	7503	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.81	65	15102	117.23	ug/l	0.02
Spiked Amount			Recovery	=	234.46%	
35) Dibromofluoromethane	6.35	113	13807	62.79	ug/l	0.03
Spiked Amount			Recovery	=	125.58%	
50) Toluene-d8	9.49	98	22242	33.90	ug/l	0.04
Spiked Amount			Recovery	=	67.80%	
62) 4-Bromofluorobenzene	12.45	95	6190	26.94	ug/l	0.03
Spiked Amount			Recovery	=	53.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.78	50	2717	12.395	ug/l	90
5) Bromomethane	2.20	94	4489	115.149	ug/l #	69
10) Methyl Iodide	3.29	142	3323	25.181	ug/l #	71
16) Acetone	3.17	43	10083	448.192	ug/l #	82
18) Methyl Acetate	3.57	43	2170	38.920	ug/l #	63
20) Methylene Chloride	3.75	84	787	3.368	ug/l #	61
25) 2-Butanone	5.65	43	250	5.807	ug/l #	61
36) 1,1-Dichloropropene	6.43	75	871	2.815	ug/l #	40
37) Ethyl Acetate	5.65	43	250	1.932	ug/l #	69
38) Carbon Tetrachloride	6.43	117	1425	5.221	ug/l #	12
40) Benzene	6.82	78	2767	3.463	ug/l #	51
51) 4-Methyl-2-Pentanone	9.21	43	195	1.917	ug/l #	42
52) Toluene	9.57	92	4381	8.745	ug/l	100
68) m/p-Xylenes	11.58	106	465	1.250	ug/l	99
76) 1,2,3-Trichloropropane	12.45	75	2497	29.232	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.45	75	2497	105.788	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.11	105	1495	3.519	ug/l	83
85) sec-Butylbenzene	13.11	105	1495	2.611	ug/l #	62
87) 1,3-Dichlorobenzene	13.41	146	449	1.734	ug/l #	79
88) 1,4-Dichlorobenzene	13.41	146	449	1.760	ug/l #	80
90) Hexachloroethane	14.00	117	510	4.492	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.81	180	232	1.404	ug/l #	79
95) Naphthalene	14.98	128	817	4.160	ug/l #	70

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

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