

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068713.D
 Acq On : 29 Mar 2021 22:15
 Operator : VA/SY
 Sample : M1836-04
 Misc : 11.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B2-10-12

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:23:40 PM

Quant Time: Mar 30 01:09:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	614427	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.873	114	1161081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	1096219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	584942	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.344	65	319917	51.64	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.28%			
35) Dibromofluoromethane	7.920	113	293035	40.56	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 81.12%			
50) Toluene-d8	10.350	98	2160086	77.56	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 155.12%#			
62) 4-Bromofluorobenzene	12.632	95	756831	83.81	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 167.62%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.238	59	305579	1070.36	ug/l	# 73
17) Carbon Disulfide	4.409	76	18206	1.17	ug/l	98
19) Methyl tert-butyl Ether	5.462	73	41838698m	3420.34	ug/l	
31) Cyclohexane	7.985	56	19299526	1930.62	ug/l	# 73
39) Methylcyclohexane	9.361	83	22113656	1727.63	ug/l	# 74
40) Benzene	8.338	78	34265133m	1132.45	ug/l	
52) Toluene	10.391	92	41789158m	2182.47	ug/l	
67) Ethyl Benzene	11.732	91	32272111m	857.48	ug/l	
68) m/p-Xylenes	11.838	106	39472859m	2691.93	ug/l	
69) o-Xylene	12.173	106	27991964m	2059.80	ug/l	
73) Isopropylbenzene	12.479	105	15649608	389.39	ug/l	90
78) n-propylbenzene	12.808	91	24270219m	507.20	ug/l	
80) 1,3,5-Trimethylbenzene	12.867	105	65390918m	2011.81	ug/l	
84) 1,2,4-Trimethylbenzene	13.255	105	32319946m	962.56	ug/l	
85) sec-Butylbenzene	13.402	105	5314173	131.96	ug/l	# 51
86) p-Isopropyltoluene	13.514	119	2762217	75.38	ug/l	98
89) n-Butylbenzene	13.843	91	9573494	275.21	ug/l	# 66
95) Naphthalene	15.390	128	21275893	1171.11	ug/l	# 85

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

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