

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070381.D
 Acq On : 20 Sep 2021 13:51
 Operator : VA/SY
 Sample : M3792-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20416

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 6:59:31 PM

Quant Time: Sep 21 03:33:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	120243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	268300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	254639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	32801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	118158	76.530	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 153.060%			
35) Dibromofluoromethane	7.909	113	112764	59.045	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.100%			
50) Toluene-d8	10.338	98	320897	46.279	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.560%			
62) 4-Bromofluorobenzene	12.620	95	86416	35.660	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 71.320%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	60377	219.036	ug/l	96
17) Carbon Disulfide	4.415	76	13258	2.567	ug/l	97
25) 2-Butanone	7.220	43	19864	54.135	ug/l	92
39) Methylcyclohexane	9.356	83	91820	28.660	ug/l	91
40) Benzene	8.344	78	24003	2.856	ug/l	96
52) Toluene	10.397	92	1745683	343.777	ug/l	98
65) Chlorobenzene	11.667	112	6543	1.240	ug/l	90
67) Ethyl Benzene	11.738	91	116757	12.834	ug/l	96
68) m/p-Xylenes	11.844	106	91615	26.074	ug/l	93
69) o-Xylene	12.173	106	37122	11.793	ug/l	82
73) Isopropylbenzene	12.473	105	59905	26.042	ug/l	96
78) n-propylbenzene	12.814	91	92061	30.835	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	117703	59.288	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	326159	166.835	ug/l	100
85) sec-Butylbenzene	13.391	105	358141	141.507	ug/l	99
86) p-Isopropyltoluene	13.508	119	86198	42.389	ug/l	97
89) n-Butylbenzene	13.832	91	49384m	24.358	ug/l	

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

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