

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077402.D
 Acq On : 24 Oct 2023 18:37
 Operator : JC/SY
 Sample : 05005-04
 Misc : 5.16G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N-3(0-5)

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 04:08:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	127490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	236017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84569	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59823	52.550	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.100%			
35) Dibromofluoromethane	7.804	113	78702	47.465	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.920%			
50) Toluene-d8	10.269	98	227447	38.302	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 76.600%			
62) 4-Bromofluorobenzene	12.575	95	80739	47.233	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.460%			
Target Compounds						Qvalue
16) Acetone	4.028	43	16574	66.392	ug/l	99
17) Carbon Disulfide	4.275	76	29517	6.840	ug/l	96
18) Methyl Acetate	4.558	43	5976m	6.878	ug/l	
20) Methylene Chloride	4.793	84	17229	7.332	ug/l	90
25) 2-Butanone	7.087	43	4786	18.482	ug/l	# 85
40) Benzene	8.251	78	25604	3.872	ug/l	99
67) Ethyl Benzene	11.687	91	124600	17.678	ug/l	94
68) m/p-Xylenes	11.798	106	4599	1.589	ug/l	79
69) o-Xylene	12.122	106	10725	4.025	ug/l	57
73) Isopropylbenzene	12.422	105	3146022	562.413	ug/l	97
78) n-propylbenzene	12.757	91	17209787	2554.623	ug/l	76
80) 1,3,5-Trimethylbenzene	12.904	105	2517744	545.429	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	5308533	1142.216	ug/l	99
85) sec-Butylbenzene	13.345	105	2935477	476.657	ug/l	# 58
86) p-Isopropyltoluene	13.469	119	135014m	25.236	ug/l	
89) n-Butylbenzene	13.786	91	3255886	698.888	ug/l	# 76

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

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