

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021022\
 Data File : VY007469.D
 Acq On : 10 Feb 2022 14:14
 Operator : SY/MD
 Sample : N1465-01
 Misc : 6.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5-1-8.5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2022
 Supervised By : Mahesh Dadoda 02/11/2022

Quant Time: Feb 11 00:50:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	44155	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.697	114	118349	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.502	117	118299	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	61575	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39589	77.948	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 155.900%			
35) Dibromofluoromethane	7.728	113	39399	51.843	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.680%			
50) Toluene-d8	10.191	98	642138	228.707	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 457.420%#			
62) 4-Bromofluorobenzene	12.483	95	207783	217.732	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 435.460%#			
Target Compounds					Qvalue	
17) Carbon Disulfide	4.198	76	6572	4.073	ug/l	97
31) Cyclohexane	7.801	56	7212511	7277.786	ug/l #	74
39) Methylcyclohexane	9.203	83	8604948	5157.285	ug/l	92
40) Benzene	8.173	78	7058695	2004.362	ug/l	98
52) Toluene	10.258	92	3129480	1410.393	ug/l	94
67) Ethyl Benzene	11.599	91	25279779m	5062.195	ug/l	
68) m/p-Xylenes	11.715	106	26864236m	14524.463	ug/l	
69) o-Xylene	12.044	106	7983828	4565.533	ug/l	89
73) Isopropylbenzene	12.343	105	6729852	1195.893	ug/l	99
78) n-propylbenzene	12.684	91	17723940	2600.267	ug/l	95
80) 1,3,5-Trimethylbenzene	12.831	105	14041887	3058.709	ug/l	84
84) 1,2,4-Trimethylbenzene	13.129	105	25113451m	5555.969	ug/l	
85) sec-Butylbenzene	13.263	105	2349680	391.975	ug/l #	58
86) p-Isopropyltoluene	13.379	119	907449	185.831	ug/l	95
89) n-Butylbenzene	13.702	91	2522155	536.629	ug/l #	78
95) Naphthalene	15.239	128	955825	383.920	ug/l	99

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

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