

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014995.D
 Acq On : 08 Aug 2023 19:08
 Operator : SY/MD
 Sample : 03931-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DAYTON-SOIL1

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023

Quant Time: Aug 09 01:05:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	262540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	447811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	451072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	234380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	175323	55.097	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.200%			
35) Dibromofluoromethane	7.716	113	145130	50.680	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.360%			
50) Toluene-d8	10.179	98	547386	50.220	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.440%			
62) 4-Bromofluorobenzene	12.477	95	226906	58.737	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.480%			
Target Compounds						
					Qvalue	
31) Cyclohexane	7.777	56	20441	2.902	ug/l #	79
39) Methylcyclohexane	9.185	83	43713	10.339	ug/l	99
67) Ethyl Benzene	11.593	91	367509	24.466	ug/l	98
68) m/p-Xylenes	11.697	106	431981	75.176	ug/l	97
69) o-Xylene	12.032	106	7124	1.267	ug/l	93
73) Isopropylbenzene	12.331	105	100354	6.369	ug/l	99
78) n-propylbenzene	12.672	91	663230	35.195	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1009578	77.758	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	3882048	298.430	ug/l	97
85) sec-Butylbenzene	13.251	105	86861m	4.983	ug/l	
86) p-Isopropyltoluene	13.367	119	37706m	2.613	ug/l	
89) n-Butylbenzene	13.696	91	185438	13.678	ug/l #	72

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

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