

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014996.D
 Acq On : 08 Aug 2023 19:31
 Operator : SY/MD
 Sample : 03931-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DAYTON-SOIL2

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 01:06:03 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	121279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	202658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67602	45.990	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.980%		
35) Dibromofluoromethane	7.716	113	62567	48.279	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.560%		
50) Toluene-d8	10.179	98	242864	49.235	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.480%		
62) 4-Bromofluorobenzene	12.483	95	91961	52.602	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.200%		
Target Compounds						
					Qvalue	
31) Cyclohexane	7.771	56	11522	4.372	ug/l #	84
39) Methylcyclohexane	9.179	83	25714	13.439	ug/l	97
67) Ethyl Benzene	11.593	91	194332	31.277	ug/l	99
68) m/p-Xylenes	11.697	106	225817	95.007	ug/l	97
69) o-Xylene	12.026	106	4247	1.826	ug/l	88
73) Isopropylbenzene	12.331	105	61514	10.120	ug/l	99
78) n-propylbenzene	12.672	91	374542	51.518	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	597026	119.189	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	2228435	444.036	ug/l	98
85) sec-Butylbenzene	13.251	105	50822m	7.557	ug/l	
86) p-Isopropyltoluene	13.367	119	22134m	3.976	ug/l	
89) n-Butylbenzene	13.696	91	97027	18.550	ug/l #	71

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

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