

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016045.D
 Acq On : 19 Oct 2023 18:20
 Operator : SY/MD
 Sample : 04938-17
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0-2(0-10)

Quant Time: Oct 20 05:39:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2023
 Supervised By :Semsettin Yesilyurt 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	140986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	234351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89659	55.953	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.900%			
35) Dibromofluoromethane	7.722	113	76787	48.175	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.340%			
50) Toluene-d8	10.185	98	291250	50.312	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.620%			
62) 4-Bromofluorobenzene	12.483	95	125227	60.626	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 121.260%			
Target Compounds					Qvalue	
16) Acetone	3.991	43	9596	16.155	ug/l	97
17) Carbon Disulfide	4.192	76	10642	2.686	ug/l	100
20) Methylene Chloride	4.716	84	32106	18.194	ug/l	89
52) Toluene	10.246	92	21642	4.937	ug/l	98
67) Ethyl Benzene	11.593	91	489676	54.524	ug/l	100
68) m/p-Xylenes	11.709	106	443290	126.578	ug/l	95
69) o-Xylene	12.032	106	307205	92.208	ug/l	99
73) Isopropylbenzene	12.331	105	339994	41.668	ug/l	98
78) n-propylbenzene	12.672	91	843481	85.824	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	2609735	386.139	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	7782020	1159.515	ug/l	94
85) sec-Butylbenzene	13.258	105	132268m	14.944	ug/l	
86) p-Isopropyltoluene	13.373	119	462388	62.513	ug/l	88
89) n-Butylbenzene	13.703	91	449243	65.241	ug/l #	66

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

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