

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016237.D
 Acq On : 06 Nov 2023 15:19
 Operator : SY/MD
 Sample : 05253-01
 Misc : 6.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L-1(65FT)(5-10)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 06 23:58:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	112269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	195055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62327	59.329	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.660%			
35) Dibromofluoromethane	7.722	113	54016	46.451	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.900%			
50) Toluene-d8	10.185	98	234319	50.823	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.640%			
62) 4-Bromofluorobenzene	12.489	95	82405	52.269	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.540%			
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	14688	74.166	ug/l	99
17) Carbon Disulfide	4.210	76	3041	1.371	ug/l #	82
20) Methylene Chloride	4.729	84	11501	8.219	ug/l #	81
25) 2-Butanone	7.003	43	4187	14.446	ug/l #	86
31) Cyclohexane	7.801	56	8946	5.540	ug/l #	72
39) Methylcyclohexane	9.191	83	37303	18.611	ug/l	94
40) Benzene	8.173	78	27056	5.612	ug/l	94
44) Trichloroethene	8.947	130	4903	3.476	ug/l	97
52) Toluene	10.252	92	55092	17.636	ug/l	95
64) Tetrachloroethene	10.727	164	9105	5.597	ug/l	94
67) Ethyl Benzene	11.599	91	89755	13.810	ug/l	99
68) m/p-Xylenes	11.703	106	99997	39.817	ug/l	97
69) o-Xylene	12.038	106	80678	33.646	ug/l	99
73) Isopropylbenzene	12.337	105	42681	6.677	ug/l	98
78) n-propylbenzene	12.678	91	108497	14.356	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	254783	49.196	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	721034	140.702	ug/l	97
85) sec-Butylbenzene	13.258	105	81737	12.018	ug/l	88
86) p-Isopropyltoluene	13.373	119	69411m	12.314	ug/l	
89) n-Butylbenzene	13.703	91	79985	15.443	ug/l #	70

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

