

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016194.D
 Acq On : 02 Nov 2023 16:45
 Operator : SY/MD
 Sample : 05220-02
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Z-5(0-5)

Quant Time: Nov 03 03:17:10 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	117113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	201080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	188706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65939	60.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.340%	
35) Dibromofluoromethane	7.728	113	54451	45.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.840%	
50) Toluene-d8	10.185	98	236601	49.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.489	95	85061	52.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.680%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	12553	57.031	ug/l #	88
17) Carbon Disulfide	4.216	76	10893	4.708	ug/l	99
18) Methyl Acetate	4.491	43	4904	5.565	ug/l	99
20) Methylene Chloride	4.735	84	18360	14.297	ug/l	92
25) 2-Butanone	7.003	43	3095	10.237	ug/l	96
40) Benzene	8.173	78	16014	3.222	ug/l	98
42) 1,2-Dichloroethane	8.252	62	2217	1.599	ug/l	96
52) Toluene	10.252	92	11230	3.487	ug/l	97
67) Ethyl Benzene	11.599	91	7206	1.075	ug/l	95
68) m/p-Xylenes	11.703	106	5341	2.061	ug/l	95
69) o-Xylene	12.038	106	3816	1.542	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	10801	1.993	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	5101	1.705	ug/l #	81

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

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