

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014934.D
 Acq On : 02 Aug 2023 16:29
 Operator : SY/MD
 Sample : 03862-06
 Misc : 6.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUILDING-B-9-(5-10)

Quant Time: Aug 03 02:44:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	213669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	341452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135445	55.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.260%			
35) Dibromofluoromethane	7.710	113	111400	46.910	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.820%			
50) Toluene-d8	10.173	98	445182	50.848	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.700%			
62) 4-Bromofluorobenzene	12.477	95	150260	44.759	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.520%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	27049	35.057	ug/l	95
17) Carbon Disulfide	4.180	76	46981	7.799	ug/l #	94
20) Methylene Chloride	4.704	84	44445	14.755	ug/l	92
25) 2-Butanone	6.984	43	8849	7.839	ug/l	98
29) Tetrahydrofuran	7.350	42	1392	2.003	ug/l	94
30) Chloroform	7.496	83	5283	1.179	ug/l	87
31) Cyclohexane	7.777	56	10669	2.640	ug/l #	47
39) Methylcyclohexane	9.179	83	21470	4.640	ug/l	98
40) Benzene	8.155	78	71943	7.123	ug/l	98
52) Toluene	10.240	92	41671	6.447	ug/l	90
67) Ethyl Benzene	11.587	91	13936	1.061	ug/l	99
68) m/p-Xylenes	11.697	106	20131	4.014	ug/l	96
69) o-Xylene	12.026	106	15735	3.221	ug/l	92
73) Isopropylbenzene	12.331	105	43913	3.699	ug/l #	62
80) 1,3,5-Trimethylbenzene	12.806	105	26805	2.704	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	42296	4.347	ug/l	98

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

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