

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007977.D
 Acq On : 22 Mar 2022 01:30
 Operator : SY/MD
 Sample : N1977-06
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-20220315-15.0-16.0

Quant Time: Mar 22 03:44:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	224235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145156	56.775	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.540%			
35) Dibromofluoromethane	7.716	113	130750	44.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.740%			
50) Toluene-d8	10.179	98	510845	58.402	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.800%			
62) 4-Bromofluorobenzene	12.483	95	160811	38.025	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.060%			
Target Compounds					Qvalue	
16) Acetone	3.942	43	360411	531.381	ug/l	92
17) Carbon Disulfide	4.198	76	64246	9.462	ug/l	99
25) 2-Butanone	6.984	43	129741	119.422	ug/l #	90
40) Benzene	8.161	78	137969	10.803	ug/l	93
52) Toluene	10.240	92	21062	2.568	ug/l	98
67) Ethyl Benzene	11.593	91	20496	1.328	ug/l	98
68) m/p-Xylenes	11.703	106	13252	2.201	ug/l	92
69) o-Xylene	12.032	106	11847	2.034	ug/l	99
73) Isopropylbenzene	12.331	105	25952	2.392	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	18740	2.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	46624	5.331	ug/l	99
85) sec-Butylbenzene	13.251	105	13518	1.130	ug/l #	43
86) p-Isopropyltoluene	13.367	119	13829m	1.424	ug/l	

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

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