

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013247.D
 Acq On : 11 Apr 2023 16:59
 Operator : KP/MD
 Sample : 02222-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MID-H4(ELEV-24)

Quant Time: Apr 11 17:38:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	86273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	143624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	125295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55010	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44376	45.740	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.480%
35) Dibromofluoromethane	7.716	113	40115	46.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.460%
50) Toluene-d8	10.179	98	137682	45.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.620%
62) 4-Bromofluorobenzene	12.483	95	44936	41.865	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.740%

Target Compounds					Qvalue	
16) Acetone	3.948	43	3228	8.176	ug/l	96
20) Methylene Chloride	4.710	84	21145	16.714	ug/l	94
40) Benzene	8.155	78	3849	1.107	ug/l #	83
52) Toluene	10.240	92	3651	1.674	ug/l	95
67) Ethyl Benzene	11.593	91	7400	1.785	ug/l	100
68) m/p-Xylenes	11.697	106	3904	2.475	ug/l	99
69) o-Xylene	12.032	106	4666	3.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	10611	3.715	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	4421	1.557	ug/l	98
95) Naphthalene	15.239	128	12401	5.629	ug/l	98

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

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