

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022345.D
 Acq On : 20 May 2025 16:09
 Operator : SY/MD
 Sample : Q2075-03
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11

Quant Time: May 21 01:51:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	239791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	432569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	345893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122461	46.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.460%
35) Dibromofluoromethane	7.634	113	125981	48.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.103	98	514605	48.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.401	95	132386	39.499	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.000%
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	5473	11.138	ug/l #	89
20) Methylene Chloride	4.616	84	14696	4.628	ug/l	94
39) Methylcyclohexane	9.109	83	10764	1.884	ug/l	88
52) Toluene	10.170	92	42034	5.265	ug/l	98
67) Ethyl Benzene	11.517	91	114266	7.819	ug/l	100
68) m/p-Xylenes	11.621	106	163448	29.680	ug/l	96
69) o-Xylene	11.950	106	87953	16.880	ug/l	100
73) Isopropylbenzene	12.255	105	23017	2.127	ug/l	94
78) n-propylbenzene	12.596	91	70774	5.421	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	86309	9.879	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	350537	40.417	ug/l	97
85) sec-Butylbenzene	13.176	105	16558	1.436	ug/l	87
89) n-Butylbenzene	13.615	91	13194	1.439	ug/l #	74

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

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