

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023912.D
 Acq On : 09 Dec 2025 16:40
 Operator : SY/MD
 Sample : Q3809-08
 Misc : 2.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-5

Quant Time: Dec 10 02:30:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	823549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1392287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1218144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	535176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	372034	45.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.320%
35) Dibromofluoromethane	7.646	113	424858	47.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.109	98	1608878	46.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.408	95	503081	42.446	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.900%
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	32054	12.984	ug/l	92
17) Carbon Disulfide	4.116	76	60907	2.598	ug/l	99
39) Methylcyclohexane	9.116	83	130669	7.624	ug/l	96
52) Toluene	10.176	92	970167	38.926	ug/l	99
67) Ethyl Benzene	11.524	91	1401137	29.150	ug/l	97
68) m/p-Xylenes	11.627	106	2105229	114.589	ug/l	95
69) o-Xylene	11.957	106	781525	45.480	ug/l	97
73) Isopropylbenzene	12.255	105	142178	3.606	ug/l	97
78) n-propylbenzene	12.597	91	521707	10.965	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	574746	17.939	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	1959908	61.750	ug/l	95
95) Naphthalene	15.145	128	197195	12.577	ug/l	99

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

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