

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023916.D
 Acq On : 09 Dec 2025 18:14
 Operator : SY/MD
 Sample : Q3809-13
 Misc : 2.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-10

Quant Time: Dec 10 02:32:51 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	150734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	243230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	213434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	84129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	87290	57.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.780%
35) Dibromofluoromethane	7.640	113	89495	57.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.740%
50) Toluene-d8	10.115	98	274011	45.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.280%
62) 4-Bromofluorobenzene	12.407	95	80001	38.637	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.280%

Target Compounds					Qvalue	
16) Acetone	3.866	43	7749	17.150	ug/l	# 87
17) Carbon Disulfide	4.116	76	14045	3.274	ug/l	97
52) Toluene	10.176	92	53960	12.393	ug/l	94
67) Ethyl Benzene	11.523	91	55610	6.603	ug/l	95
68) m/p-Xylenes	11.633	106	88444	27.476	ug/l	97
69) o-Xylene	11.956	106	25543	8.484	ug/l	98
78) n-propylbenzene	12.596	91	16909	2.261	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	14396	2.858	ug/l	100
84) 1,2,4-Trimethylbenzene	13.047	105	49836	9.988	ug/l	96

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

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