

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023917.D
 Acq On : 09 Dec 2025 18:37
 Operator : SY/MD
 Sample : Q3809-14
 Misc : 3.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4

Quant Time: Dec 10 02:33:16 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	804825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1379198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1200410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	507538	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	390592	48.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.640	113	436012	49.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.109	98	1579476	45.885	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.780%
62) 4-Bromofluorobenzene	12.408	95	485231	41.329	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.660%

Target Compounds						Qvalue
16) Acetone	3.891	43	25546	10.589	ug/l	90
17) Carbon Disulfide	4.116	76	96754	4.224	ug/l	100
52) Toluene	10.176	92	303385	12.288	ug/l	100
67) Ethyl Benzene	11.524	91	337192	7.119	ug/l	97
68) m/p-Xylenes	11.627	106	558976	30.875	ug/l	96
69) o-Xylene	11.956	106	154012	9.095	ug/l	99
78) n-propylbenzene	12.597	91	114436	2.536	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	101711	3.348	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	381768	12.683	ug/l	95

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

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