

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023954.D
 Acq On : 11 Dec 2025 14:55
 Operator : SY/MD
 Sample : Q3809-08
 Misc : 3.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-5

Quant Time: Dec 12 03:24:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	700634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1224699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1110669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	474110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	372892	60.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.400%
35) Dibromofluoromethane	7.640	113	389118	48.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.109	98	1455310	48.826	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.407	95	453378	45.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.100%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.116	76	132035	7.820	ug/l	99
39) Methylcyclohexane	9.109	83	68091	4.676	ug/l	90
52) Toluene	10.170	92	776818	35.370	ug/l	98
67) Ethyl Benzene	11.517	91	1243998	28.849	ug/l	99
68) m/p-Xylenes	11.627	106	1867299	109.085	ug/l	100
69) o-Xylene	11.956	106	723451	45.179	ug/l	98
73) Isopropylbenzene	12.255	105	136340	3.935	ug/l	99
78) n-propylbenzene	12.596	91	508500	12.614	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	608589	22.017	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	1994002	72.819	ug/l	100
95) Naphthalene	15.145	128	170339	12.958	ug/l	98

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

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