

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023955.D
 Acq On : 11 Dec 2025 15:18
 Operator : SY/MD
 Sample : Q3809-11
 Misc : 3.52g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-8

Quant Time: Dec 12 03:24:37 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	749775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1253186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1109443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	493913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	362314	54.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.320%
35) Dibromofluoromethane	7.640	113	391199	47.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.500%
50) Toluene-d8	10.109	98	1470410	48.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.408	95	471808	46.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.640%
Target Compounds						
						Qvalue
17) Carbon Disulfide	4.110	76	56868	3.147	ug/l	95
39) Methylcyclohexane	9.109	83	83449	5.601	ug/l #	88
52) Toluene	10.176	92	37559	1.671	ug/l	96
67) Ethyl Benzene	11.517	91	299086	6.944	ug/l	100
68) m/p-Xylenes	11.627	106	619146	36.210	ug/l	100
69) o-Xylene	11.956	106	289199	18.080	ug/l	100
73) Isopropylbenzene	12.255	105	87571	2.426	ug/l	99
78) n-propylbenzene	12.597	91	540785	12.877	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	835960	29.030	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	2864827	100.425	ug/l	100
89) n-Butylbenzene	13.615	91	136097	4.735	ug/l #	68
95) Naphthalene	15.145	128	506837	37.009	ug/l	99

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

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