

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023903.D
 Acq On : 09 Dec 2025 13:08
 Operator : SY/MD
 Sample : Q3804-02RE
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 120325-ARE

Quant Time: Dec 10 02:26:03 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	7.725	168	195261	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	304769	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	241237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	82691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	97527	49.929	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.860%			
35) Dibromofluoromethane	7.646	113	102047	52.206	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.420%			
50) Toluene-d8	10.115	98	344688	45.315	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.620%			
62) 4-Bromofluorobenzene	12.414	95	94568	36.450	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 72.900%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.121	83	55821	14.878	ug/l	93
40) Benzene	8.097	78	11005	1.263	ug/l	92
52) Toluene	10.182	92	171305	31.399	ug/l	96
67) Ethyl Benzene	11.523	91	349494	36.716	ug/l	98
68) m/p-Xylenes	11.633	106	455193	125.110	ug/l	97
69) o-Xylene	11.962	106	227494	66.851	ug/l	98
73) Isopropylbenzene	12.261	105	123947	20.345	ug/l	97
78) n-propylbenzene	12.603	91	337765	45.944	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	351985	71.103	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	1219988	248.767	ug/l	96
85) sec-Butylbenzene	13.182	105	144069	21.701	ug/l	86
86) p-Isopropyltoluene	13.298	119	83562	15.202	ug/l	98
89) n-Butylbenzene	13.621	91	137966	27.118	ug/l #	79
95) Naphthalene	15.151	128	60722	25.065	ug/l #	92

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

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