

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021478.D
 Acq On : 11 Mar 2025 12:01
 Operator : SY/MD
 Sample : Q1463-02
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 06:43:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.683	168	302993m	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	8.603	114	461439m	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.426	117	363901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	129475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	127510m	39.816	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.640%		
35) Dibromofluoromethane	7.622	113	113022m	37.263	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	74.520%		
50) Toluene-d8	10.103	98	541391m	47.142	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.414	95	144941	37.103	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.200%		
Target Compounds						Qvalue
10) Methyl Iodide	3.866	142	28491	8.210	ug/l	94
20) Methylene Chloride	4.525	84	50714m	13.832	ug/l	
52) Toluene	10.170	92	69898m	7.927	ug/l	
67) Ethyl Benzene	11.524	91	25136	1.667	ug/l	94
68) m/p-Xylenes	11.639	106	63055	11.011	ug/l	99
69) o-Xylene	11.956	106	22273	4.220	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	17440	2.104	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	30286	3.680	ug/l	99
95) Naphthalene	15.151	128	3892	2.557	ug/l #	87

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

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