

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021871.D
 Acq On : 14 Apr 2025 15:50
 Operator : SY/MD
 Sample : Q1783-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-41125

Quant Time: Apr 14 23:32:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	343659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	605607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	527173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	223281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	167920	45.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.634	113	192359	48.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.940%
50) Toluene-d8	10.109	98	714513	47.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.408	95	231433	45.782	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.560%
Target Compounds						
					Qvalue	
52) Toluene	10.170	92	17177	1.536	ug/l	99
67) Ethyl Benzene	11.518	91	75706	3.653	ug/l	97
68) m/p-Xylenes	11.627	106	77691	9.791	ug/l	97
69) o-Xylene	11.957	106	62400	8.519	ug/l	99
73) Isopropylbenzene	12.255	105	31539	1.902	ug/l	98
78) n-propylbenzene	12.597	91	84129	4.220	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	118004	8.706	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	308266	23.012	ug/l	100
85) sec-Butylbenzene	13.176	105	40665	2.305	ug/l	91
86) p-Isopropyltoluene	13.292	119	25411	1.743	ug/l	97
89) n-Butylbenzene	13.615	91	32577	2.416	ug/l #	70

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

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