

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021870.D
 Acq On : 14 Apr 2025 15:26
 Operator : SY/MD
 Sample : Q1784-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-01-41125

Quant Time: Apr 14 23:31:53 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	295671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	536095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	493540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	206269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	168192	52.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.000%	
35) Dibromofluoromethane	7.634	113	181225	52.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.220%	
50) Toluene-d8	10.109	98	652344	49.309	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.407	95	219972	49.157	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.320%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.109	83	7925	1.252	ug/l	96
52) Toluene	10.170	92	54503	5.507	ug/l	95
67) Ethyl Benzene	11.517	91	226636	11.682	ug/l	99
68) m/p-Xylenes	11.627	106	384772	51.794	ug/l	99
69) o-Xylene	11.956	106	290354	42.341	ug/l	98
73) Isopropylbenzene	12.255	105	151852	9.912	ug/l	100
78) n-propylbenzene	12.596	91	383650	20.829	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	847933	67.720	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	2213851	178.891	ug/l	99
85) sec-Butylbenzene	13.176	105	320362	19.656	ug/l	87
86) p-Isopropyltoluene	13.291	119	241739	17.946	ug/l	100
89) n-Butylbenzene	13.614	91	226625	18.191	ug/l #	71

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

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