

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021878.D
 Acq On : 14 Apr 2025 18:34
 Operator : SY/MD
 Sample : Q1785-01
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-041125

Quant Time: Apr 14 23:35:05 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	206616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	353497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	302182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	120139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100066	44.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.400%
35) Dibromofluoromethane	7.634	113	115795	50.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.109	98	415069	47.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.408	95	131428	44.541	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.080%
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	10826	23.629	ug/l	91
25) 2-Butanone	6.897	43	5350	8.176	ug/l	93
52) Toluene	10.170	92	11569	1.773	ug/l	99
67) Ethyl Benzene	11.518	91	97864	8.239	ug/l	99
68) m/p-Xylenes	11.627	106	44783	9.846	ug/l	99
69) o-Xylene	11.957	106	115789	27.578	ug/l	98
73) Isopropylbenzene	12.255	105	49304	5.525	ug/l	100
78) n-propylbenzene	12.597	91	126963	11.835	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	251400	34.472	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	152051	21.095	ug/l	99
85) sec-Butylbenzene	13.176	105	62914	6.628	ug/l	89
86) p-Isopropyltoluene	13.292	119	50622	6.452	ug/l	98
89) n-Butylbenzene	13.615	91	40358	5.562	ug/l #	66

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

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