

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023116.D
 Acq On : 15 Aug 2025 11:07
 Operator : SY/MD
 Sample : Q2877-01
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-08142025

Quant Time: Aug 18 02:27:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	420885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	794068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	740057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	336966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	248987	62.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.140%	
35) Dibromofluoromethane	7.634	113	258233	54.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.700%	
50) Toluene-d8	10.103	98	981774	52.892	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.402	95	322697	54.058	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.120%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.518	91	34537	1.257	ug/l	96
68) m/p-Xylenes	11.621	106	64606	6.022	ug/l	98
69) o-Xylene	11.950	106	70985	7.064	ug/l	92
78) n-propylbenzene	12.591	91	120397	4.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	472873	24.602	ug/l	100
84) 1,2,4-Trimethylbenzene	13.036	105	824297	43.081	ug/l	99
85) sec-Butylbenzene	13.170	105	122719	4.812	ug/l	87
86) p-Isopropyltoluene	13.286	119	92798	4.384	ug/l	97
89) n-Butylbenzene	13.615	91	69347	3.567	ug/l #	69

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

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