

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022815.D
 Acq On : 25 Jun 2025 11:24
 Operator : SY/MD
 Sample : Q2403-03RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-25-0093RE

Quant Time: Jun 26 01:23:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	286271	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	509592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	415699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	97432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	163895	51.296	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.634	113	156368	50.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.103	98	581453	47.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.560%	
62) 4-Bromofluorobenzene	12.402	95	151079	38.216	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.440%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.860	59	5927	27.898	ug/l	96
16) Acetone	3.873	43	6843	11.331	ug/l	96
52) Toluene	10.164	92	48126	5.282	ug/l	100
68) m/p-Xylenes	11.621	106	31013	4.999	ug/l	93
69) o-Xylene	11.950	106	12402	2.122	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	63760	10.948	ug/l	98
89) n-Butylbenzene	13.615	91	19700	3.261	ug/l #	73

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

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