

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023719.D
 Acq On : 10 Nov 2025 16:59
 Operator : SY/MD
 Sample : Q3593-09
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-LAW-25-0156-0166-COMP

Quant Time: Nov 11 02:09:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	166811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	267463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	170858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	40378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	107816	77.293	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.580%	
35) Dibromofluoromethane	7.640	113	105153	63.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.960%	
50) Toluene-d8	10.109	98	264788	43.264	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.520%	
62) 4-Bromofluorobenzene	12.407	95	57847	28.628	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 57.260%	
Target Compounds						
11) Tert butyl alcohol	4.860	59	8171	78.740	ug/l	Qvalue # 94
20) Methylene Chloride	4.628	84	7490	4.171	ug/l	98
39) Methylcyclohexane	9.115	83	8984	3.171	ug/l	97
52) Toluene	10.176	92	6467	1.446	ug/l	92
67) Ethyl Benzene	11.523	91	13887	2.309	ug/l	91
68) m/p-Xylenes	11.627	106	15954	6.613	ug/l	94
69) o-Xylene	11.956	106	6543	2.891	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	21108	9.817	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	55100	25.676	ug/l	98
85) sec-Butylbenzene	13.176	105	16252	5.707	ug/l	88

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

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