

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047140.D
 Acq On : 25 Jul 2025 14:08
 Operator : JC/MD
 Sample : Q2655-01ME
 Misc : 4.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOILME

Quant Time: Jul 26 00:30:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	440279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	800109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	727271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	318883	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	302573	55.169	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.340%	
35) Dibromofluoromethane	5.397	113	238412	48.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.520%	
50) Toluene-d8	8.653	98	881597	55.105	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 110.200%	
62) 4-Bromofluorobenzene	11.079	95	320261	46.452	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.900%	

Target Compounds

						Qvalue
16) Acetone	2.410	43	12734m	5.796	ug/l	
18) Methyl Acetate	2.727	43	8113	1.390	ug/l	98
31) Cyclohexane	5.483	56	132709	12.944	ug/l	95
39) Methylcyclohexane	7.385	83	326202	31.026	ug/l	100
40) Benzene	6.044	78	1228275	50.401	ug/l	99
52) Toluene	8.720	92	1892766	126.313	ug/l	97
67) Ethyl Benzene	10.195	91	996904	33.465	ug/l	100
68) m/p-Xylenes	10.299	106	1838871	164.954	ug/l	99
69) o-Xylene	10.640	106	851069	80.251	ug/l	98
73) Isopropylbenzene	10.964	105	154787	6.153	ug/l	99
78) n-propylbenzene	11.305	91	358314	11.919	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	951390	45.775	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	2059309	99.336	ug/l	99
85) sec-Butylbenzene	11.890	105	95061	3.647	ug/l	92
86) p-Isopropyltoluene	12.006	119	121501	5.621	ug/l	98
89) n-Butylbenzene	12.329	91	138463m	6.831	ug/l	
95) Naphthalene	13.774	128	16116731	759.338	ug/l #	84

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

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