

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
 Data File : VW032601.D
 Acq On : 08 Dec 2025 16:58
 Operator : SY/MD
 Sample : Q3809-04
 Misc : 3.23g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SW-3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025

Quant Time: Dec 09 02:21:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	560525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	1024963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	850819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	346722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	376225	45.102	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	90.200%		
35) Dibromofluoromethane	7.898	113	312542	46.337	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	92.680%		
50) Toluene-d8	10.325	98	1251863	49.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	98.640%		
62) 4-Bromofluorobenzene	12.617	95	413979	44.148	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	88.300%		
Target Compounds					Qvalue	
16) Acetone	4.155	43	41319	15.852	ug/l #	82
39) Methylcyclohexane	9.343	83	240304	19.129	ug/l	92
52) Toluene	10.392	92	92607	4.688	ug/l	99
67) Ethyl Benzene	11.733	91	2412974	70.713	ug/l	99
68) m/p-Xylenes	11.837	106	3655096	281.737	ug/l	100
69) o-Xylene	12.166	106	1147440	96.576	ug/l	96
73) Isopropylbenzene	12.464	105	332467	12.926	ug/l	99
78) n-propylbenzene	12.800	91	1910149	58.213	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	2448719	111.579	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	8259698	376.769	ug/l	98
85) sec-Butylbenzene	13.379	105	144418m	5.173	ug/l	
86) p-Isopropyltoluene	13.495	119	78693m	3.422	ug/l	
89) n-Butylbenzene	13.818	91	326699	13.991	ug/l #	75
95) Naphthalene	15.354	128	2487059	165.617	ug/l	99

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

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