

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
 Data File : VW032597.D
 Acq On : 08 Dec 2025 15:32
 Operator : SY/MD
 Sample : Q3804-02
 Misc : 4.52g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 120325-A

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 02:20:09 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	426031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	898071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	624814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	270849	42.720	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	85.440%		
35) Dibromofluoromethane	7.904	113	208539	35.286	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	70.580%		
50) Toluene-d8	10.331	98	696136	31.304	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	62.600%#		
62) 4-Bromofluorobenzene	12.617	95	183255	22.304	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	44.600%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.343	83	172464	15.668	ug/l	98
40) Benzene	8.337	78	47247	1.645	ug/l	99
52) Toluene	10.392	92	794790	45.918	ug/l	97
67) Ethyl Benzene	11.727	91	1641634	65.511	ug/l	97
68) m/p-Xylenes	11.837	106	1965268	206.278	ug/l	99
69) o-Xylene	12.160	106	998824	114.476	ug/l	95
73) Isopropylbenzene	12.458	105	494359	40.893	ug/l	99
78) n-propylbenzene	12.800	91	1490926	96.670	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1445121	140.097	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	5110059	495.928	ug/l	100
85) sec-Butylbenzene	13.379	105	529183	40.329	ug/l	87
86) p-Isopropyltoluene	13.495	119	312202	28.888	ug/l	99
89) n-Butylbenzene	13.818	91	469851m	42.810	ug/l	
95) Naphthalene	15.360	128	354084	50.166	ug/l #	93

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

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