

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032421.D
 Acq On : 11 Nov 2025 11:44
 Operator : SY/MD
 Sample : Q3483-23DL 4X
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HW1025-PT-VOA-SOILDL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 03:45:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	425654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	792053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	690426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	324590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	278472	50.745	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	101.480%		
35) Dibromofluoromethane	7.898	113	232023	48.927	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	97.860%		
50) Toluene-d8	10.325	98	905595	49.778	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	99.560%		
62) 4-Bromofluorobenzene	12.617	95	328607	47.815	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	95.620%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.234	59	5331m	11.234	ug/l	
12) 1,1-Dichloroethene	4.082	96	103299	22.578	ug/l	98
16) Acetone	4.161	43	167840	102.230	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	196086	20.332	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	76799	14.680	ug/l	97
25) 2-Butanone	7.197	43	91207	37.708	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	88789	14.204	ug/l	94
30) Chloroform	7.697	83	144040	14.992	ug/l	96
38) Carbon Tetrachloride	8.087	117	98124	15.805	ug/l	93
40) Benzene	8.337	78	521758	23.188	ug/l	98
42) 1,2-Dichloroethane	8.416	62	319152	48.288	ug/l	99
44) Trichloroethene	9.105	130	146976	28.071	ug/l	94
53) t-1,3-Dichloropropene	10.611	75	288879	37.557	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	377095	42.394	ug/l	95
59) 2-Hexanone	10.971	43	347852	93.483	ug/l	98
61) 1,2-Dibromoethane	11.239	107	32395	7.405	ug/l	98
64) Tetrachloroethene	10.861	164	96553	23.615	ug/l	89
65) Chlorobenzene	11.654	112	85847	5.769	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	74569	16.192	ug/l	97
67) Ethyl Benzene	11.733	91	139483	5.417	ug/l	100
68) m/p-Xylenes	11.836	106	441262	45.643	ug/l	98
69) o-Xylene	12.166	106	420263	45.401	ug/l	98
70) Styrene	12.178	104	425367	26.713	ug/l	94
71) Bromoform	12.342	173	70187	25.730	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	234530	41.454	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	158963	35.717	ug/l #	1
79) 2-Chlorotoluene	12.891	91	370379	20.899	ug/l	99
83) tert-Butylbenzene	13.202	119	537111	31.394	ug/l	97
84) 1,2,4-Trimethylbenzene	13.251	105	925454	46.264	ug/l	99
86) p-Isopropyltoluene	13.495	119	958195	45.547	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	144661	13.518	ug/l	97
88) 1,4-Dichlorobenzene	13.580	146	224134	20.444	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	235100	37.607	ug/l	97
95) Naphthalene	15.360	128	240302	15.415	ug/l	99

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

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