

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
 Data File : VW032440.D
 Acq On : 12 Nov 2025 15:19
 Operator : SY/MD
 Sample : VW1112SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/14/2025
 Supervised By :Mahesh Dadoda 11/14/2025

Quant Time: Nov 14 05:18:18 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	7.965	168	366994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	679219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	627588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	298446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	266324	56.288	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 112.580%	
35) Dibromofluoromethane	7.898	113	218425	53.711	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 107.420%	
50) Toluene-d8	10.325	98	842384	53.995	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 108.000%	
62) 4-Bromofluorobenzene	12.617	95	311188	52.802	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	36722	19.722	ug/l	99
3) Chloromethane	2.253	50	68266	21.390	ug/l	98
4) Vinyl Chloride	2.406	62	83872	20.823	ug/l	98
5) Bromomethane	2.820	94	57801	21.453	ug/l	93
6) Chloroethane	2.972	64	55017	20.877	ug/l	96
7) Trichlorofluoromethane	3.308	101	59208	18.749	ug/l	87
8) Diethyl Ether	3.722	74	54443	21.086	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	72169	20.979	ug/l	100
10) Methyl Iodide	4.314	142	113811	20.541	ug/l	99
11) Tert butyl alcohol	5.222	59	43291	105.813	ug/l	99
12) 1,1-Dichloroethene	4.082	96	81805	20.738	ug/l	96
13) Acrolein	3.930	56	69833	101.733	ug/l	100
14) Allyl chloride	4.704	41	154782	20.404	ug/l	97
15) Acrylonitrile	5.399	53	159428	106.795	ug/l	99
16) Acetone	4.161	43	146619	103.579	ug/l	99
17) Carbon Disulfide	4.423	76	234867	20.145	ug/l	97
18) Methyl Acetate	4.710	43	76122	21.716	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	166357	20.006	ug/l	97
20) Methylene Chloride	4.960	84	111327	21.992	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	93319	20.689	ug/l	95
22) Diisopropyl ether	6.338	45	333574	21.598	ug/l	98
23) Vinyl Acetate	6.283	43	1116159	105.479	ug/l	98
24) 1,1-Dichloroethane	6.246	63	184343	21.785	ug/l	97
25) 2-Butanone	7.197	43	214574	102.892	ug/l	100
26) 2,2-Dichloropropane	7.185	77	92933	19.706	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	115570	21.444	ug/l	98
28) Bromochloromethane	7.527	49	92070	23.021	ug/l	97
29) Tetrahydrofuran	7.551	42	142216	107.444	ug/l	98
30) Chloroform	7.691	83	182479	22.028	ug/l	100
31) Cyclohexane	7.972	56	159644	20.395	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	124588	21.053	ug/l	99
36) 1,1-Dichloropropene	8.100	75	128194	21.395	ug/l	98
37) Ethyl Acetate	7.277	43	96397	21.636	ug/l	99
38) Carbon Tetrachloride	8.081	117	111045	20.858	ug/l	97
39) Methylcyclohexane	9.343	83	154110	19.854	ug/l	96
40) Benzene	8.337	78	411866	21.345	ug/l	99

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41) Methacrylonitrile	7.502	41	50078	20.461	ug/l	97
42) 1,2-Dichloroethane	8.417	62	126618	22.340	ug/l	100
43) Isopropyl Acetate	8.435	43	166584	21.115	ug/l	99
44) Trichloroethene	9.099	130	90053	20.056	ug/l	98
45) 1,2-Dichloropropane	9.374	63	105986	22.059	ug/l	100
46) Dibromomethane	9.465	93	61685	21.970	ug/l	99
47) Bromodichloromethane	9.648	83	136978	21.387	ug/l	99
48) Methyl methacrylate	9.447	41	74863	19.969	ug/l	93
49) 1,4-Dioxane	9.465	88	17583	447.038	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	479928	110.040	ug/l	99
52) Toluene	10.392	92	255050	21.399	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	137068	20.781	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	159868	20.959	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	83575	21.698	ug/l	97
56) Ethyl methacrylate	10.648	69	121553	20.568	ug/l	98
57) 1,3-Dichloropropane	10.934	76	149176	21.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.929	63	346281	110.026	ug/l	99
59) 2-Hexanone	10.971	43	338942	106.220	ug/l	97
60) Dibromochloromethane	11.130	129	91085	21.176	ug/l	95
61) 1,2-Dibromoethane	11.239	107	80271	21.398	ug/l	100
64) Tetrachloroethene	10.861	164	77995	20.986	ug/l	86
65) Chlorobenzene	11.660	112	280732	20.754	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	84614	20.212	ug/l	100
67) Ethyl Benzene	11.727	91	466082	19.914	ug/l	97
68) m/p-Xylenes	11.837	106	359060	40.859	ug/l	99
69) o-Xylene	12.166	106	167430	19.898	ug/l	98
70) Styrene	12.178	104	296462	20.482	ug/l	99
71) Bromoform	12.349	173	47042	18.972	ug/l #	99
73) Isopropylbenzene	12.465	105	419892	19.157	ug/l	98
74) N-amyl acetate	12.270	43	152454	20.016	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	107473	20.660	ug/l	98
76) 1,2,3-Trichloropropane	12.770	75	81901m	20.014	ug/l	
77) Bromobenzene	12.745	156	100969	19.456	ug/l	90
78) n-propylbenzene	12.800	91	541646	20.292	ug/l	99
79) 2-Chlorotoluene	12.891	91	330269	20.268	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	366549	20.270	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	33075	18.512	ug/l	91
82) 4-Chlorotoluene	12.989	91	348737	20.577	ug/l	98
83) tert-Butylbenzene	13.202	119	306662	19.495	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	373897	20.329	ug/l	100
85) sec-Butylbenzene	13.379	105	454997	19.422	ug/l	100
86) p-Isopropyltoluene	13.495	119	385632	19.936	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	214653	21.816	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	207082	20.543	ug/l	98
89) n-Butylbenzene	13.818	91	369364	19.545	ug/l	99
90) Hexachloroethane	14.092	117	66130	18.962	ug/l	89
91) 1,2-Dichlorobenzene	13.867	146	188183	20.834	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.477	75	17475	19.500	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	110799	19.276	ug/l	97
94) Hexachlorobutadiene	15.226	225	50127	20.994	ug/l	97
95) Naphthalene	15.361	128	272150	18.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	101424	19.436	ug/l	96

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

