

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112025\
 Data File : VW032514.D
 Acq On : 20 Nov 2025 10:53
 Operator : SY/MD
 Sample : VW1120SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1120SBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

Quant Time: Nov 21 01:19:38 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	348890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	639727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	571264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	280539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	234748	52.189	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 104.380%			
35) Dibromofluoromethane	7.898	113	201416	52.586	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 105.180%			
50) Toluene-d8	10.331	98	753950	51.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.620%			
62) 4-Bromofluorobenzene	12.617	95	287538	51.801	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	35178	19.873	ug/l	94
3) Chloromethane	2.253	50	66810	22.020	ug/l	98
4) Vinyl Chloride	2.406	62	83903	21.911	ug/l	100
5) Bromomethane	2.820	94	56113	21.907	ug/l	97
6) Chloroethane	2.966	64	53964	21.540	ug/l	96
7) Trichlorofluoromethane	3.302	101	64295	21.416	ug/l	99
8) Diethyl Ether	3.722	74	51376	20.931	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	72266	22.097	ug/l	99
10) Methyl Iodide	4.314	142	108243	20.550	ug/l	99
11) Tert butyl alcohol	5.222	59	35452	91.149	ug/l	95
12) 1,1-Dichloroethene	4.082	96	80958	21.589	ug/l	98
13) Acrolein	3.930	56	49007	75.098	ug/l	98
14) Allyl chloride	4.704	41	150381	20.853	ug/l	99
15) Acrylonitrile	5.405	53	147731	104.095	ug/l	99
16) Acetone	4.161	43	149466	111.069	ug/l	99
17) Carbon Disulfide	4.423	76	232645	20.990	ug/l	97
18) Methyl Acetate	4.710	43	67226	20.173	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	155817	19.711	ug/l	100
20) Methylene Chloride	4.954	84	100148	20.810	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	91452	21.328	ug/l	97
22) Diisopropyl ether	6.344	45	316051	21.525	ug/l	96
23) Vinyl Acetate	6.283	43	1033433	102.729	ug/l	100
24) 1,1-Dichloroethane	6.246	63	177192	22.026	ug/l	100
25) 2-Butanone	7.197	43	205583	103.696	ug/l	96
26) 2,2-Dichloropropane	7.191	77	93213	20.791	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	107633	21.007	ug/l	97
28) Bromochloromethane	7.533	49	85325	22.441	ug/l	95
29) Tetrahydrofuran	7.557	42	129757	103.118	ug/l	98
30) Chloroform	7.697	83	181064	22.992	ug/l	98
31) Cyclohexane	7.972	56	152930	20.551	ug/l #	95
32) 1,1,1-Trichloroethane	7.892	97	121793	21.649	ug/l	98
36) 1,1-Dichloropropene	8.100	75	122948	21.786	ug/l	99
37) Ethyl Acetate	7.277	43	89448	21.315	ug/l	97
38) Carbon Tetrachloride	8.081	117	109779	21.893	ug/l	96
39) Methylcyclohexane	9.343	83	143872	19.679	ug/l	92
40) Benzene	8.331	78	393686	21.662	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	48937	21.229	ug/l	93
42) 1,2-Dichloroethane	8.417	62	120259	22.528	ug/l	99
43) Isopropyl Acetate	8.435	43	148956	20.046	ug/l	99
44) Trichloroethene	9.106	130	91311	21.592	ug/l	94
45) 1,2-Dichloropropane	9.374	63	101522	22.434	ug/l	97
46) Dibromomethane	9.465	93	58313	22.051	ug/l	99
47) Bromodichloromethane	9.654	83	130421	21.621	ug/l	97
48) Methyl methacrylate	9.441	41	67981	19.253	ug/l	95
49) 1,4-Dioxane	9.465	88	14798	399.457	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	443308	107.919	ug/l	99
52) Toluene	10.392	92	246186	21.931	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	126009	20.283	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	149988	20.877	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	78301	21.584	ug/l	99
56) Ethyl methacrylate	10.648	69	106448	19.124	ug/l	96
57) 1,3-Dichloropropane	10.934	76	138730	21.411	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	321857	108.579	ug/l	100
59) 2-Hexanone	10.971	43	308637	102.694	ug/l	98
60) Dibromochloromethane	11.130	129	85987	21.225	ug/l	99
61) 1,2-Dibromoethane	11.233	107	75571	21.388	ug/l	97
64) Tetrachloroethene	10.867	164	72365	21.391	ug/l	95
65) Chlorobenzene	11.660	112	266417	21.638	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	82489	21.647	ug/l	98
67) Ethyl Benzene	11.733	91	443272	20.806	ug/l	99
68) m/p-Xylenes	11.837	106	351467	43.939	ug/l	99
69) o-Xylene	12.166	106	156804	20.473	ug/l	98
70) Styrene	12.178	104	286834	21.770	ug/l	100
71) Bromoform	12.349	173	44041	19.513	ug/l #	99
73) Isopropylbenzene	12.459	105	396514	19.245	ug/l	99
74) N-amyl acetate	12.270	43	136608	19.080	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	103068	21.078	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	75132m	19.532	ug/l	
77) Bromobenzene	12.745	156	100195	20.539	ug/l	97
78) n-propylbenzene	12.800	91	526696	20.991	ug/l	98
79) 2-Chlorotoluene	12.891	91	311791	20.356	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	352816	20.756	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	30388	18.094	ug/l	89
82) 4-Chlorotoluene	12.983	91	334928	21.023	ug/l	96
83) tert-Butylbenzene	13.202	119	288972	19.543	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	357645	20.686	ug/l	100
85) sec-Butylbenzene	13.379	105	443572	20.142	ug/l	99
86) p-Isopropyltoluene	13.495	119	361844	19.901	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	197251	21.327	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	199256	21.028	ug/l	99
89) n-Butylbenzene	13.818	91	359829	20.256	ug/l	99
90) Hexachloroethane	14.086	117	67521	20.596	ug/l	91
91) 1,2-Dichlorobenzene	13.867	146	185360	21.831	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.483	75	16223	19.259	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	108573	20.095	ug/l	99
94) Hexachlorobutadiene	15.226	225	50698	22.589	ug/l	95
95) Naphthalene	15.360	128	242772	18.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	98775	20.136	ug/l	96

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

