

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
 Data File : VW032444.D
 Acq On : 12 Nov 2025 17:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 05:20:55 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	368923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	671618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	629032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	292850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	259568	54.574	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 109.140%			
35) Dibromofluoromethane	7.898	113	215947	53.703	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 107.400%			
50) Toluene-d8	10.325	98	827480	53.640	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 107.280%			
62) 4-Bromofluorobenzene	12.617	95	309804	53.162	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 106.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	98183	52.455	ug/l	96
3) Chloromethane	2.253	50	173185	53.980	ug/l	98
4) Vinyl Chloride	2.405	62	205014	50.632	ug/l	100
5) Bromomethane	2.826	94	141584	52.274	ug/l	91
6) Chloroethane	2.972	64	140458	53.021	ug/l	100
7) Trichlorofluoromethane	3.308	101	159220	50.154	ug/l	97
8) Diethyl Ether	3.722	74	136851	52.726	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	182068	52.649	ug/l	98
10) Methyl Iodide	4.314	142	279970	50.265	ug/l	99
11) Tert butyl alcohol	5.216	59	105461	256.423	ug/l	99
12) 1,1-Dichloroethene	4.076	96	203333	51.277	ug/l	93
13) Acrolein	3.936	56	152000	220.276	ug/l	100
14) Allyl chloride	4.710	41	402986	52.846	ug/l	99
15) Acrylonitrile	5.405	53	414380	276.127	ug/l	100
16) Acetone	4.161	43	376404	264.520	ug/l	98
17) Carbon Disulfide	4.429	76	608028	51.879	ug/l	97
18) Methyl Acetate	4.710	43	192150	54.530	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	433012	51.803	ug/l	99
20) Methylene Chloride	4.960	84	262596	51.602	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	245696	54.188	ug/l	94
22) Diisopropyl ether	6.344	45	853246	54.955	ug/l	97
23) Vinyl Acetate	6.283	43	2965274	278.758	ug/l	99
24) 1,1-Dichloroethane	6.246	63	472655	55.564	ug/l	99
25) 2-Butanone	7.197	43	568062	270.972	ug/l	99
26) 2,2-Dichloropropane	7.191	77	236737	49.937	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	288849	53.315	ug/l	97
28) Bromochloromethane	7.532	49	220724	54.900	ug/l	97
29) Tetrahydrofuran	7.551	42	375731	282.379	ug/l	100
30) Chloroform	7.697	83	465449	55.894	ug/l	100
31) Cyclohexane	7.971	56	396410	50.378	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	316756	53.246	ug/l	98
36) 1,1-Dichloropropene	8.099	75	330070	55.710	ug/l	99
37) Ethyl Acetate	7.276	43	247373	56.149	ug/l	100
38) Carbon Tetrachloride	8.087	117	280027	53.193	ug/l	98
39) Methylcyclohexane	9.343	83	412417	53.733	ug/l	94
40) Benzene	8.337	78	1050935	55.081	ug/l	100

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41) Methacrylonitrile	7.502	41	131202	54.213	ug/l	99
42) 1,2-Dichloroethane	8.410	62	316763	56.521	ug/l	100
43) Isopropyl Acetate	8.435	43	426248	54.640	ug/l	99
44) Trichloroethene	9.099	130	242250	54.564	ug/l	88
45) 1,2-Dichloropropane	9.374	63	267629	56.332	ug/l	96
46) Dibromomethane	9.465	93	155703	56.084	ug/l	100
47) Bromodichloromethane	9.654	83	345270	54.520	ug/l	99
48) Methyl methacrylate	9.441	41	201972	54.484	ug/l	94
49) 1,4-Dioxane	9.465	88	44267	1138.202	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	1244421	288.557	ug/l	99
52) Toluene	10.392	92	655180	55.593	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	356993	54.735	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	414242	54.922	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	207870	54.580	ug/l	95
56) Ethyl methacrylate	10.648	69	328893	56.282	ug/l	99
57) 1,3-Dichloropropane	10.934	76	378672	55.668	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	860915	276.641	ug/l	100
59) 2-Hexanone	10.971	43	891330	282.493	ug/l	98
60) Dibromochloromethane	11.129	129	231655	54.467	ug/l	99
61) 1,2-Dibromoethane	11.239	107	205435	55.382	ug/l	99
64) Tetrachloroethene	10.867	164	194180	52.129	ug/l	91
65) Chlorobenzene	11.654	112	718611	53.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	218473	52.068	ug/l	99
67) Ethyl Benzene	11.727	91	1198056	51.070	ug/l	100
68) m/p-Xylenes	11.837	106	932091	105.824	ug/l	98
69) o-Xylene	12.166	106	453608	53.786	ug/l	97
70) Styrene	12.178	104	775733	53.470	ug/l	99
71) Bromoform	12.349	173	122259	49.193	ug/l #	99
73) Isopropylbenzene	12.458	105	1113839	51.787	ug/l	99
74) N-amyl acetate	12.269	43	400412	53.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	271961	53.280	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	198705m	49.485	ug/l	
77) Bromobenzene	12.745	156	265687	52.174	ug/l	98
78) n-propylbenzene	12.800	91	1409213	53.802	ug/l	99
79) 2-Chlorotoluene	12.891	91	848664	53.077	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	962342	54.235	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	92590	52.814	ug/l	98
82) 4-Chlorotoluene	12.983	91	885565	53.250	ug/l	100
83) tert-Butylbenzene	13.202	119	794741	51.488	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	949789	52.627	ug/l	100
85) sec-Butylbenzene	13.379	105	1211779	52.713	ug/l	99
86) p-Isopropyltoluene	13.495	119	985767	51.936	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	519016	53.757	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	502615	50.813	ug/l	98
89) n-Butylbenzene	13.818	91	972150	52.426	ug/l	98
90) Hexachloroethane	14.086	117	174527	50.999	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	475258	53.622	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	44660	50.789	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	287093	50.901	ug/l	97
94) Hexachlorobutadiene	15.232	225	124535	53.154	ug/l	94
95) Naphthalene	15.360	128	758387	53.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	268899	52.513	ug/l	92

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

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