

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032435.D
 Acq On : 11 Nov 2025 16:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 12 03:52:24 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 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	393178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	738581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	671615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	300090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	272288	53.716	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 107.440%			
35) Dibromofluoromethane	7.904	113	227640	51.478	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.960%			
50) Toluene-d8	10.325	98	883125	52.057	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 104.120%			
62) 4-Bromofluorobenzene	12.617	95	331385	51.710	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	94632	47.439	ug/l	92
3) Chloromethane	2.253	50	168094	49.161	ug/l	100
4) Vinyl Chloride	2.405	62	213635	49.507	ug/l	98
5) Bromomethane	2.820	94	147551	51.116	ug/l	97
6) Chloroethane	2.972	64	143836	50.946	ug/l	99
7) Trichlorofluoromethane	3.308	101	163106	48.209	ug/l	96
8) Diethyl Ether	3.722	74	146172	52.843	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	179427	48.684	ug/l	97
10) Methyl Iodide	4.314	142	306780	51.681	ug/l	99
11) Tert butyl alcohol	5.216	59	119318	272.219	ug/l	99
12) 1,1-Dichloroethene	4.076	96	207730	49.154	ug/l	96
13) Acrolein	3.929	56	174296	237.005	ug/l	100
14) Allyl chloride	4.710	41	420707	51.767	ug/l	98
15) Acrylonitrile	5.405	53	449337	280.950	ug/l	99
16) Acetone	4.161	43	352068	232.155	ug/l	100
17) Carbon Disulfide	4.423	76	620608	49.686	ug/l	97
18) Methyl Acetate	4.710	43	214507	57.119	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	492841	55.323	ug/l	99
20) Methylene Chloride	4.954	84	267143	49.257	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	249792	51.692	ug/l	96
22) Diisopropyl ether	6.344	45	899406	54.355	ug/l	95
23) Vinyl Acetate	6.283	43	3132821	276.341	ug/l	99
24) 1,1-Dichloroethane	6.246	63	483258	53.306	ug/l	100
25) 2-Butanone	7.191	43	596559	267.010	ug/l	99
26) 2,2-Dichloropropane	7.191	77	238819	47.268	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	306610	53.102	ug/l	99
28) Bromochloromethane	7.532	49	239487	55.892	ug/l	97
29) Tetrahydrofuran	7.551	42	406351	286.552	ug/l	100
30) Chloroform	7.691	83	476452	53.685	ug/l	99
31) Cyclohexane	7.971	56	398891	47.566	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	320778	50.596	ug/l	98
36) 1,1-Dichloropropene	8.093	75	329814	50.620	ug/l	98
37) Ethyl Acetate	7.276	43	264778	54.651	ug/l	100
38) Carbon Tetrachloride	8.087	117	277681	47.965	ug/l	95
39) Methylcyclohexane	9.343	83	418600	49.594	ug/l	95
40) Benzene	8.337	78	1076254	51.294	ug/l	97

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41) Methacrylonitrile	7.502	41	160533	60.318	ug/l	94
42) 1,2-Dichloroethane	8.410	62	326571	52.988	ug/l	99
43) Isopropyl Acetate	8.435	43	475893	55.473	ug/l	99
44) Trichloroethene	9.099	130	244640	50.106	ug/l	91
45) 1,2-Dichloropropane	9.374	63	271533	51.972	ug/l	97
46) Dibromomethane	9.465	93	161437	52.877	ug/l	99
47) Bromodichloromethane	9.654	83	362766	52.089	ug/l	99
48) Methyl methacrylate	9.441	41	220548	54.101	ug/l	94
49) 1,4-Dioxane	9.465	88	45361	1060.586	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	1327500	279.913	ug/l	100
52) Toluene	10.392	92	664850	51.299	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	376083	52.434	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	436344	52.607	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	219460	52.398	ug/l	97
56) Ethyl methacrylate	10.648	69	353566	55.018	ug/l	99
57) 1,3-Dichloropropane	10.934	76	400751	53.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	963210	281.450	ug/l	100
59) 2-Hexanone	10.971	43	943629	271.953	ug/l	99
60) Dibromochloromethane	11.129	129	245086	52.400	ug/l	99
61) 1,2-Dibromoethane	11.239	107	215882	52.922	ug/l	100
64) Tetrachloroethene	10.867	164	211561	53.194	ug/l	86
65) Chlorobenzene	11.660	112	723430	49.976	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	220404	49.198	ug/l	99
67) Ethyl Benzene	11.733	91	1257653	50.211	ug/l	99
68) m/p-Xylenes	11.837	106	932899	99.200	ug/l	97
69) o-Xylene	12.166	106	454056	50.425	ug/l	99
70) Styrene	12.178	104	794344	51.281	ug/l	100
71) Bromoform	12.349	173	135068	50.902	ug/l #	97
73) Isopropylbenzene	12.464	105	1134795	51.489	ug/l	99
74) N-amyl acetate	12.269	43	429781	56.117	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	285808	54.642	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	207494m	50.427	ug/l	
77) Bromobenzene	12.745	156	268089	51.375	ug/l	94
78) n-propylbenzene	12.800	91	1397030	52.050	ug/l	99
79) 2-Chlorotoluene	12.891	91	848425	51.782	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	957978	52.686	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	95159	52.970	ug/l	99
82) 4-Chlorotoluene	12.989	91	867281	50.892	ug/l	96
83) tert-Butylbenzene	13.202	119	799491	50.546	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	961216	51.975	ug/l	98
85) sec-Butylbenzene	13.379	105	1189643	50.502	ug/l	97
86) p-Isopropyltoluene	13.495	119	995761	51.197	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	514718	52.025	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	533060	52.591	ug/l	98
89) n-Butylbenzene	13.818	91	989497	52.074	ug/l	99
90) Hexachloroethane	14.086	117	170021	48.484	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	464695	51.165	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	47540	52.760	ug/l	90
93) 1,2,4-Trichlorobenzene	15.129	180	298095	51.577	ug/l	96
94) Hexachlorobutadiene	15.232	225	116296	48.440	ug/l	93
95) Naphthalene	15.360	128	803044	55.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	283338	53.998	ug/l	92

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

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