

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032142.D
 Acq On : 26 Aug 2025 11:51
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 27 03:51:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 03:44:37 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
 Supervised By :Semsettin Yesilyurt 08/27/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	212660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	363183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	337595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	454909	149.576	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 299.160%#			
35) Dibromofluoromethane	7.898	113	377239	148.049	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 296.100%#			
50) Toluene-d8	10.331	98	1365264	152.629	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 305.260%#			
62) 4-Bromofluorobenzene	12.617	95	509512	154.039	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 308.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	192587	137.167	ug/l	97
3) Chloromethane	2.259	50	210524	143.009	ug/l	100
4) Vinyl Chloride	2.405	62	256644	134.226	ug/l	95
5) Bromomethane	2.814	94	244946	143.458	ug/l	97
6) Chloroethane	2.966	64	193730	143.874	ug/l	98
7) Trichlorofluoromethane	3.301	101	291416	153.823	ug/l	91
8) Diethyl Ether	3.722	74	195629	138.373	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	289634	135.714	ug/l	98
10) Methyl Iodide	4.313	142	446397	137.369	ug/l	100
11) Tert butyl alcohol	5.222	59	141240	759.234	ug/l	97
12) 1,1-Dichloroethene	4.076	96	314257	139.822	ug/l	99
13) Acrolein	3.929	56	211447	739.433	ug/l	98
14) Allyl chloride	4.704	41	459410	143.902	ug/l	99
15) Acrylonitrile	5.405	53	512853	746.122	ug/l	98
16) Acetone	4.161	43	440565	668.879	ug/l	97
17) Carbon Disulfide	4.423	76	801995	142.669	ug/l	100
18) Methyl Acetate	4.710	43	319825	152.398	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	611768	144.143	ug/l	99
20) Methylene Chloride	4.960	84	353777	150.295	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	356921	142.157	ug/l	92
22) Diisopropyl ether	6.344	45	1024195	147.400	ug/l	98
23) Vinyl Acetate	6.283	43	3680242	779.030	ug/l	99
24) 1,1-Dichloroethane	6.240	63	641157	140.949	ug/l	99
25) 2-Butanone	7.191	43	712281	763.150	ug/l	97
26) 2,2-Dichloropropane	7.185	77	351365	145.860	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	439540	143.865	ug/l	99
28) Bromochloromethane	7.532	49	310783	149.248	ug/l	100
29) Tetrahydrofuran	7.551	42	456986	770.497	ug/l	99
30) Chloroform	7.697	83	736537	141.817	ug/l	99
31) Cyclohexane	7.971	56	497279	133.190	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	535215	141.170	ug/l	99
36) 1,1-Dichloropropene	8.093	75	472017	142.873	ug/l	98
37) Ethyl Acetate	7.276	43	302607	152.685	ug/l	100
38) Carbon Tetrachloride	8.087	117	509127	143.753	ug/l	98
39) Methylcyclohexane	9.343	83	585727	149.682	ug/l	99
40) Benzene	8.337	78	1453606	142.338	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	169026	153.505	ug/l	95
42) 1,2-Dichloroethane	8.410	62	508053	143.507	ug/l	100
43) Isopropyl Acetate	8.435	43	583075	156.822	ug/l	98
44) Trichloroethene	9.099	130	373687	145.505	ug/l	91
45) 1,2-Dichloropropane	9.374	63	351218	142.666	ug/l	100
46) Dibromomethane	9.465	93	243465	141.000	ug/l	99
47) Bromodichloromethane	9.654	83	581251	148.131	ug/l	93
48) Methyl methacrylate	9.441	41	278566	162.575	ug/l	98
49) 1,4-Dioxane	9.465	88	66706	3197.399	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	1599863	762.051	ug/l	99
52) Toluene	10.392	92	957220	143.435	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	555802	160.564	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	604600	153.074	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	324211	144.392	ug/l	98
56) Ethyl methacrylate	10.648	69	476215	165.894	ug/l	97
57) 1,3-Dichloropropane	10.934	76	542178	144.209	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	1264307	825.160	ug/l	99
59) 2-Hexanone	10.971	43	1152381	789.253	ug/l	100
60) Dibromochloromethane	11.129	129	408737	150.438	ug/l	95
61) 1,2-Dibromoethane	11.239	107	330479	149.669	ug/l	99
64) Tetrachloroethene	10.861	164	311674	140.272	ug/l	92
65) Chlorobenzene	11.660	112	1082491	140.873	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	376695	148.901	ug/l	99
67) Ethyl Benzene	11.733	91	1886049	149.806	ug/l	99
68) m/p-Xylenes	11.837	106	1416558	292.350	ug/l	97
69) o-Xylene	12.166	106	707888	154.451	ug/l	98
70) Styrene	12.178	104	1236547	153.051	ug/l	97
71) Bromoform	12.349	173	240584	160.118	ug/l #	97
73) Isopropylbenzene	12.458	105	1786971	161.883	ug/l	100
74) N-amyl acetate	12.269	43	542121	169.156	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	403226	153.706	ug/l	100
76) 1,2,3-Trichloropropane	12.769	75	297194m	141.263	ug/l	
77) Bromobenzene	12.745	156	440488	156.481	ug/l	98
78) n-propylbenzene	12.800	91	2120830	158.250	ug/l	98
79) 2-Chlorotoluene	12.891	91	1283524	156.618	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	1493220	159.771	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	136029	179.923	ug/l	94
82) 4-Chlorotoluene	12.989	91	1341754	152.954	ug/l	99
83) tert-Butylbenzene	13.202	119	1264671	159.592	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	1528604	158.090	ug/l	99
85) sec-Butylbenzene	13.379	105	1883544	159.198	ug/l	98
86) p-Isopropyltoluene	13.495	119	1604066	159.424	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	827718	146.037	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	857389	150.918	ug/l	94
89) n-Butylbenzene	13.818	91	1530726	159.573	ug/l	99
90) Hexachloroethane	14.086	117	295110	160.350	ug/l	95
91) 1,2-Dichlorobenzene	13.861	146	750254	149.508	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	76149	164.310	ug/l	98
93) 1,2,4-Trichlorobenzene	15.123	180	494705	154.301	ug/l	97
94) Hexachlorobutadiene	15.226	225	231073	145.321	ug/l	98
95) Naphthalene	15.354	128	1230735	169.618	ug/l	99
96) 1,2,3-Trichlorobenzene	15.555	180	470621	157.838	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

