

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
 Data File : VW032318.D
 Acq On : 01 Oct 2025 15:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 02 21:17:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:10:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
 Supervised By :Semsettin Yesilyurt 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	291156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	539030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	484985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	616717	145.223	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 290.440%#			
35) Dibromofluoromethane	7.898	113	503547	144.249	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 288.500%#			
50) Toluene-d8	10.325	98	1931096	149.885	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 299.780%#			
62) 4-Bromofluorobenzene	12.617	95	721146	148.089	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 296.180%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	261383	143.063	ug/l	97
3) Chloromethane	2.259	50	404786	143.584	ug/l	97
4) Vinyl Chloride	2.405	62	470035	139.655	ug/l	98
5) Bromomethane	2.814	94	337072	136.281	ug/l	100
6) Chloroethane	2.966	64	315013	141.765	ug/l	100
7) Trichlorofluoromethane	3.302	101	390434	154.935	ug/l	90
8) Diethyl Ether	3.722	74	319023	146.096	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.100	101	417711	138.198	ug/l	92
10) Methyl Iodide	4.308	142	634551	147.136	ug/l	98
11) Tert butyl alcohol	5.222	59	234095	728.258	ug/l	96
12) 1,1-Dichloroethene	4.076	96	467506	142.471	ug/l	91
13) Acrolein	3.930	56	366309	702.158	ug/l	94
14) Allyl chloride	4.704	41	826844	149.185	ug/l	88
15) Acrylonitrile	5.405	53	873212	768.664	ug/l	98
16) Acetone	4.161	43	790475	672.241	ug/l	100
17) Carbon Disulfide	4.417	76	1328431	148.374	ug/l	99
18) Methyl Acetate	4.710	43	517404	153.605	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	959825	148.511	ug/l	98
20) Methylene Chloride	4.960	84	546261	151.150	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	538776	148.302	ug/l	96
22) Diisopropyl ether	6.344	45	1710365	148.385	ug/l	93
23) Vinyl Acetate	6.283	43	6026856	782.812	ug/l	100
24) 1,1-Dichloroethane	6.246	63	1023465	146.150	ug/l	98
25) 2-Butanone	7.191	43	1210042	755.574	ug/l	99
26) 2,2-Dichloropropane	7.185	77	504110	140.732	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	650040	148.941	ug/l	95
28) Bromochloromethane	7.533	49	486570	147.682	ug/l	88
29) Tetrahydrofuran	7.551	42	782184	776.649	ug/l	94
30) Chloroform	7.691	83	1028785	144.857	ug/l	98
31) Cyclohexane	7.971	56	820370	137.222	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	717558	142.581	ug/l	99
36) 1,1-Dichloropropene	8.093	75	721795	146.511	ug/l	97
37) Ethyl Acetate	7.276	43	501366	152.893	ug/l	99
38) Carbon Tetrachloride	8.081	117	694408	149.786	ug/l	99
39) Methylcyclohexane	9.343	83	907851	152.772	ug/l	93
40) Benzene	8.337	78	2220041	143.766	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	282967	160.121	ug/l	92
42) 1,2-Dichloroethane	8.410	62	732140	144.899	ug/l	99
43) Isopropyl Acetate	8.435	43	929737	159.826	ug/l	99
44) Trichloroethene	9.099	130	531979	147.127	ug/l	87
45) 1,2-Dichloropropane	9.374	63	559634	145.193	ug/l	99
46) Dibromomethane	9.465	93	347379	146.565	ug/l	95
47) Bromodichloromethane	9.654	83	807902	149.030	ug/l	96
48) Methyl methacrylate	9.441	41	459352	162.411	ug/l #	91
49) 1,4-Dioxane	9.459	88	102853	3174.916	ug/l	93
51) 4-Methyl-2-Pentanone	10.215	43	2563648	760.880	ug/l	99
52) Toluene	10.392	92	1416495	147.299	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	845826	160.824	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	944717	155.941	ug/l	93
55) 1,1,2-Trichloroethane	10.788	97	460089	145.242	ug/l	98
56) Ethyl methacrylate	10.648	69	733869	165.515	ug/l	95
57) 1,3-Dichloropropane	10.934	76	820516	146.656	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	2014602	853.757	ug/l	96
59) 2-Hexanone	10.971	43	1842050	775.163	ug/l	99
60) Dibromochloromethane	11.129	129	554578	154.183	ug/l	98
61) 1,2-Dibromoethane	11.239	107	463449	150.041	ug/l	99
64) Tetrachloroethene	10.867	164	406564	140.097	ug/l #	82
65) Chlorobenzene	11.660	112	1557035	145.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	510773	153.680	ug/l	97
67) Ethyl Benzene	11.733	91	2684011	150.897	ug/l	100
68) m/p-Xylenes	11.837	106	2051963	299.170	ug/l	100
69) o-Xylene	12.166	106	986773	153.842	ug/l	99
70) Styrene	12.178	104	1725722	154.098	ug/l	98
71) Bromoform	12.349	173	304225	159.692	ug/l #	99
73) Isopropylbenzene	12.465	105	2476143	162.844	ug/l	99
74) N-amyl acetate	12.269	43	829796	171.063	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	579686	153.538	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	441352m	150.487	ug/l	
77) Bromobenzene	12.745	156	569028	155.243	ug/l	89
78) n-propylbenzene	12.800	91	3001989	158.050	ug/l	98
79) 2-Chlorotoluene	12.891	91	1832239	157.767	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	2080060	158.201	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	204880	177.457	ug/l	89
82) 4-Chlorotoluene	12.983	91	1892838	153.300	ug/l	99
83) tert-Butylbenzene	13.202	119	1689407	156.599	ug/l	93
84) 1,2,4-Trimethylbenzene	13.245	105	2037112	152.369	ug/l	99
85) sec-Butylbenzene	13.379	105	2654122	160.991	ug/l	97
86) p-Isopropyltoluene	13.495	119	2141983	156.585	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	1147994	154.671	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	1064904	143.490	ug/l	99
89) n-Butylbenzene	13.818	91	2169211	162.413	ug/l	99
90) Hexachloroethane	14.092	117	392482	160.071	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	1027041	153.076	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	106355	160.891	ug/l	93
93) 1,2,4-Trichlorobenzene	15.129	180	664620	165.196	ug/l	97
94) Hexachlorobutadiene	15.226	225	283170	153.946	ug/l	99
95) Naphthalene	15.360	128	1692473	175.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	596762	157.371	ug/l	98

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

