

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032131.D
 Acq On : 25 Aug 2025 14:01
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 26 04:08:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:03:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	222970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	372519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	345893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	301253	98.391	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 196.780%#			
35) Dibromofluoromethane	7.904	113	248657	98.321	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 196.640%#			
50) Toluene-d8	10.325	98	904926	100.288	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 200.580%#			
62) 4-Bromofluorobenzene	12.617	95	333045	99.439	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 198.880%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	134011	91.525	ug/l	99
3) Chloromethane	2.259	50	144977	91.322	ug/l	100
4) Vinyl Chloride	2.405	62	179239	92.487	ug/l	98
5) Bromomethane	2.820	94	161693	92.559	ug/l	95
6) Chloroethane	2.966	64	133576	97.135	ug/l	97
7) Trichlorofluoromethane	3.302	101	197201	100.804	ug/l	98
8) Diethyl Ether	3.722	74	136043	95.135	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	206489	95.719	ug/l	98
10) Methyl Iodide	4.307	142	321335	96.978	ug/l	98
11) Tert butyl alcohol	5.222	59	102644	536.821	ug/l	96
12) 1,1-Dichloroethene	4.082	96	221449	96.098	ug/l	97
13) Acrolein	3.929	56	39078	329.924	ug/l	97
14) Allyl chloride	4.704	41	323553	99.237	ug/l	99
15) Acrylonitrile	5.405	53	369649	524.098	ug/l	99
16) Acetone	4.161	43	316915	439.970	ug/l	98
17) Carbon Disulfide	4.423	76	558177	96.811	ug/l	98
18) Methyl Acetate	4.716	43	227908	111.129	ug/l	100
19) Methyl tert-butyl Ether	5.472	73	442110	102.785	ug/l	95
20) Methylene Chloride	4.960	84	254340	87.730	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	248224	96.563	ug/l	94
22) Diisopropyl ether	6.344	45	723532	100.731	ug/l	98
23) Vinyl Acetate	6.283	43	2595127	526.751	ug/l	100
24) 1,1-Dichloroethane	6.246	63	448692	97.703	ug/l	99
25) 2-Butanone	7.197	43	510311	511.046	ug/l	95
26) 2,2-Dichloropropane	7.185	77	243712	96.978	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	308917	99.358	ug/l	98
28) Bromochloromethane	7.532	49	208535	97.993	ug/l	100
29) Tetrahydrofuran	7.551	42	327445	531.924	ug/l	100
30) Chloroform	7.691	83	507516	96.589	ug/l	98
31) Cyclohexane	7.971	56	349464	91.002	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	370235	96.983	ug/l	99
36) 1,1-Dichloropropene	8.099	75	331474	99.475	ug/l	98
37) Ethyl Acetate	7.276	43	214373	104.709	ug/l	99
38) Carbon Tetrachloride	8.081	117	357219	101.128	ug/l	96
39) Methylcyclohexane	9.343	83	406892	102.673	ug/l	99
40) Benzene	8.337	78	1039587	101.311	ug/l	95

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 Supervised By :Semsettin Yesilyurt 08/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	131750	118.120	ug/l	90
42) 1,2-Dichloroethane	8.410	62	360741	101.054	ug/l	100
43) Isopropyl Acetate	8.435	43	410954	108.916	ug/l	98
44) Trichloroethene	9.105	130	256410	97.003	ug/l	99
45) 1,2-Dichloropropane	9.374	63	245136	99.225	ug/l	100
46) Dibromomethane	9.465	93	173393	100.635	ug/l	98
47) Bromodichloromethane	9.654	83	402961	103.168	ug/l	99
48) Methyl methacrylate	9.441	41	197739	111.543	ug/l	96
49) 1,4-Dioxane	9.465	88	48373	2118.933	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	1153200	542.418	ug/l	99
52) Toluene	10.392	92	678876	101.794	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	385977	109.988	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	430750	107.594	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	227060	100.908	ug/l	92
56) Ethyl methacrylate	10.648	69	327879	112.392	ug/l	99
57) 1,3-Dichloropropane	10.934	76	383836	102.202	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	859516	546.529	ug/l	99
59) 2-Hexanone	10.971	43	827911	547.599	ug/l	99
60) Dibromochloromethane	11.129	129	285067	104.571	ug/l	99
61) 1,2-Dibromoethane	11.239	107	230025	102.988	ug/l	99
64) Tetrachloroethene	10.861	164	222400	96.781	ug/l	93
65) Chlorobenzene	11.660	112	772808	98.848	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	263340	104.412	ug/l	98
67) Ethyl Benzene	11.733	91	1314048	101.618	ug/l	99
68) m/p-Xylenes	11.837	106	1021559	204.738	ug/l	98
69) o-Xylene	12.166	106	488258	103.336	ug/l	98
70) Styrene	12.178	104	842713	102.875	ug/l	99
71) Bromoform	12.349	173	163303	107.882	ug/l #	99
73) Isopropylbenzene	12.465	105	1238304	108.417	ug/l	99
74) N-amyl acetate	12.269	43	383912	115.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	289563	106.958	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	209802m	99.588	ug/l	
77) Bromobenzene	12.745	156	306022	104.242	ug/l	90
78) n-propylbenzene	12.806	91	1468503	104.348	ug/l	97
79) 2-Chlorotoluene	12.891	91	909238	106.373	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	1015930	104.180	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	95743	118.690	ug/l	97
82) 4-Chlorotoluene	12.989	91	950845	105.268	ug/l	100
83) tert-Butylbenzene	13.202	119	904862	108.537	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	1075648	106.090	ug/l	99
85) sec-Butylbenzene	13.379	105	1307003	105.452	ug/l	99
86) p-Isopropyltoluene	13.495	119	1133931	108.243	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	615222	106.115	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	626652	106.002	ug/l	97
89) n-Butylbenzene	13.818	91	1066042	105.951	ug/l	98
90) Hexachloroethane	14.092	117	200168	103.944	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	554479	104.678	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	54452	111.065	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	358256	107.130	ug/l	98
94) Hexachlorobutadiene	15.226	225	161639	100.368	ug/l	99
95) Naphthalene	15.360	128	888016	116.636	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	335852	108.655	ug/l	99

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

