

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121025\
 Data File : VW032611.D
 Acq On : 10 Dec 2025 12:20
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 11 01:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:34:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2025
 Supervised By :Mahesh Dadoda 12/11/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	367125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	648145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	589942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	282847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	578555	96.789	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 193.580%#			
35) Dibromofluoromethane	7.898	113	466900	97.710	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 195.420%#			
50) Toluene-d8	10.325	98	1806127	108.582	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 217.160%#			
62) 4-Bromofluorobenzene	12.617	95	662906	108.548	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 217.100%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	188884	82.854	ug/l	99
3) Chloromethane	2.253	50	357841	88.979	ug/l	97
4) Vinyl Chloride	2.405	62	440257	91.744	ug/l	100
5) Bromomethane	2.814	94	293010	91.677	ug/l	98
6) Chloroethane	2.960	64	288745	93.253	ug/l	96
7) Trichlorofluoromethane	3.302	101	403879	96.135	ug/l	95
8) Diethyl Ether	3.716	74	265894	94.519	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	380702	90.492	ug/l	98
10) Methyl Iodide	4.301	142	554786	94.701	ug/l	100
11) Tert butyl alcohol	5.210	59	184265	483.307	ug/l	99
12) 1,1-Dichloroethene	4.070	96	417317	93.638	ug/l	96
13) Acrolein	3.923	56	345237	537.937	ug/l	98
14) Allyl chloride	4.698	41	799625	96.515	ug/l	100
15) Acrylonitrile	5.393	53	787290	500.806	ug/l	98
16) Acetone	4.155	43	839109	436.282	ug/l	99
17) Carbon Disulfide	4.417	76	1216660	93.932	ug/l	99
18) Methyl Acetate	4.704	43	376268	100.285	ug/l	99
19) Methyl tert-butyl Ether	5.454	73	839671	94.895	ug/l	96
20) Methylene Chloride	4.948	84	481870	82.066	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	460366	94.580	ug/l	94
22) Diisopropyl ether	6.338	45	1597673	95.237	ug/l	95
23) Vinyl Acetate	6.277	43	5739469	505.988	ug/l	98
24) 1,1-Dichloroethane	6.240	63	899315	93.738	ug/l	100
25) 2-Butanone	7.185	43	1128993	499.571	ug/l	99
26) 2,2-Dichloropropane	7.185	77	516671	95.913	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	556016	97.834	ug/l	98
28) Bromochloromethane	7.526	49	332263	87.177	ug/l	100
29) Tetrahydrofuran	7.545	42	700303	516.162	ug/l	99
30) Chloroform	7.691	83	886833	93.711	ug/l	99
31) Cyclohexane	7.965	56	764069	86.406	ug/l	98
32) 1,1,1-Trichloroethane	7.880	97	647488	93.047	ug/l	99
36) 1,1-Dichloropropene	8.093	75	630834	94.536	ug/l	99
37) Ethyl Acetate	7.264	43	471267	103.103	ug/l	100
38) Carbon Tetrachloride	8.081	117	591316	95.804	ug/l	97
39) Methylcyclohexane	9.337	83	830937	99.016	ug/l	98
40) Benzene	8.331	78	1944346	96.048	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	258274	105.717	ug/l	96
42) 1,2-Dichloroethane	8.410	62	612926	95.095	ug/l	100
43) Isopropyl Acetate	8.429	43	836386	103.180	ug/l	98
44) Trichloroethene	9.093	130	444171	96.093	ug/l	91
45) 1,2-Dichloropropane	9.374	63	494852	96.606	ug/l	97
46) Dibromomethane	9.465	93	294543	98.144	ug/l	98
47) Bromodichloromethane	9.648	83	677169	97.001	ug/l	97
48) Methyl methacrylate	9.441	41	422605	110.455	ug/l	93
49) 1,4-Dioxane	9.459	88	85800	2131.085	ug/l #	93
51) 4-Methyl-2-Pentanone	10.209	43	2348105	519.560	ug/l	99
52) Toluene	10.386	92	1195557	95.990	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	708156	102.880	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	791902	99.768	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	393692	97.770	ug/l	98
56) Ethyl methacrylate	10.642	69	623676	107.283	ug/l	98
57) 1,3-Dichloropropane	10.934	76	710206	98.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	1257930	483.340	ug/l	99
59) 2-Hexanone	10.965	43	1697669	518.652	ug/l	99
60) Dibromochloromethane	11.129	129	447729	99.825	ug/l	94
61) 1,2-Dibromoethane	11.233	107	381541	97.987	ug/l	98
64) Tetrachloroethene	10.867	164	356699	94.302	ug/l	92
65) Chlorobenzene	11.654	112	1296466	96.241	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	415347	98.734	ug/l	97
67) Ethyl Benzene	11.727	91	2276043	97.765	ug/l	98
68) m/p-Xylenes	11.837	106	1751552	196.041	ug/l	97
69) o-Xylene	12.166	106	826953	100.355	ug/l	99
70) Styrene	12.178	104	1417165	98.649	ug/l	100
71) Bromoform	12.349	173	250376	102.502	ug/l #	95
73) Isopropylbenzene	12.459	105	2089629	97.132	ug/l	100
74) N-amyl acetate	12.270	43	768939	104.321	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	500362	96.608	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	356064m	94.379	ug/l	
77) Bromobenzene	12.745	156	459516	93.081	ug/l	98
78) n-propylbenzene	12.800	91	2612455	95.067	ug/l	100
79) 2-Chlorotoluene	12.891	91	1521513	94.325	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	1720039	95.188	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	181646	97.080	ug/l	93
82) 4-Chlorotoluene	12.983	91	1633827	95.369	ug/l	99
83) tert-Butylbenzene	13.202	119	1474659	95.798	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	1750747	96.068	ug/l	98
85) sec-Butylbenzene	13.379	105	2227829	94.525	ug/l	99
86) p-Isopropyltoluene	13.495	119	1850855	96.551	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	928158	91.856	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	890380	88.490	ug/l	95
89) n-Butylbenzene	13.818	91	1844975	95.795	ug/l	99
90) Hexachloroethane	14.092	117	329338	91.983	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	841102	92.220	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	88814	96.548	ug/l	98
93) 1,2,4-Trichlorobenzene	15.123	180	501834	92.639	ug/l	93
94) Hexachlorobutadiene	15.226	225	237784	92.858	ug/l	98
95) Naphthalene	15.360	128	1372982	95.865	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	494489	96.569	ug/l	99

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

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

