

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121025\
 Data File : VW032608.D
 Acq On : 10 Dec 2025 10:50
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 11 00:51:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 00:49:49 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	324037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	568285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	530926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	248614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	51693	10.988	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	21.980%#		
35) Dibromofluoromethane	7.904	113	42420	11.602	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	23.200%#		
50) Toluene-d8	10.325	98	153620	11.089	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	22.180%#		
62) 4-Bromofluorobenzene	12.617	95	56933	11.216	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	22.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	27796	13.868	ug/l	99
3) Chloromethane	2.253	50	50019	13.720	ug/l	96
4) Vinyl Chloride	2.405	62	62688	14.207	ug/l	96
5) Bromomethane	2.820	94	41481	14.138	ug/l	97
6) Chloroethane	2.966	64	39330	13.834	ug/l	97
7) Trichlorofluoromethane	3.302	101	52435	15.071	ug/l	97
8) Diethyl Ether	3.716	74	36258	14.375	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.112	101	53734	14.761	ug/l	98
10) Methyl Iodide	4.308	142	75599	13.821	ug/l	100
11) Tert butyl alcohol	5.222	59	24211	67.732	ug/l #	94
12) 1,1-Dichloroethene	4.082	96	54937	13.492	ug/l	85
13) Acrolein	3.930	56	22322	34.760	ug/l	97
14) Allyl chloride	4.710	41	102430	13.726	ug/l	100
15) Acrylonitrile	5.405	53	99904	76.032	ug/l	99
16) Acetone	4.167	43	124561	85.058	ug/l	97
17) Carbon Disulfide	4.417	76	165159	13.734	ug/l	99
18) Methyl Acetate	4.716	43	44953	14.728	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	113423	14.907	ug/l	96
20) Methylene Chloride	4.954	84	73428	13.812	ug/l	90
21) trans-1,2-Dichloroethene	5.454	96	59328	13.358	ug/l	95
22) Diisopropyl ether	6.338	45	211523	14.198	ug/l	96
23) Vinyl Acetate	6.289	43	706446	72.131	ug/l	99
24) 1,1-Dichloroethane	6.246	63	120297	13.914	ug/l	99
25) 2-Butanone	7.197	43	142499	75.895	ug/l	97
26) 2,2-Dichloropropane	7.185	77	69214	13.721	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	70451	13.589	ug/l	99
28) Bromochloromethane	7.533	49	30417	7.913	ug/l	99
29) Tetrahydrofuran	7.557	42	86419	77.371	ug/l	99
30) Chloroform	7.691	83	120011	13.940	ug/l	91
31) Cyclohexane	7.972	56	109689	14.297	ug/l #	94
32) 1,1,1-Trichloroethane	7.886	97	90638	14.473	ug/l	99
36) 1,1-Dichloropropene	8.093	75	85323	15.005	ug/l	99
37) Ethyl Acetate	7.270	43	60308	15.629	ug/l	97
38) Carbon Tetrachloride	8.087	117	77245	14.572	ug/l	91
39) Methylcyclohexane	9.343	83	102809	14.718	ug/l	97
40) Benzene	8.337	78	260117	14.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	30039	14.570	ug/l	95
42) 1,2-Dichloroethane	8.417	62	83985	15.202	ug/l	99
43) Isopropyl Acetate	8.435	43	102874	15.460	ug/l	99
44) Trichloroethene	9.105	130	57819	14.320	ug/l	91
45) 1,2-Dichloropropane	9.374	63	65023	14.501	ug/l	98
46) Dibromomethane	9.465	93	38371	14.878	ug/l	97
47) Bromodichloromethane	9.648	83	88329	14.533	ug/l	97
48) Methyl methacrylate	9.441	41	50182	16.826	ug/l	94
49) 1,4-Dioxane	9.465	88	10197	335.106	ug/l #	90
51) 4-Methyl-2-Pentanone	10.215	43	298612	81.454	ug/l	99
52) Toluene	10.392	92	156005	14.329	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	84134	14.400	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	97996	14.317	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	52740	15.247	ug/l	96
56) Ethyl methacrylate	10.648	69	70465	14.820	ug/l	99
57) 1,3-Dichloropropane	10.934	76	93816	15.178	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	142036	60.837	ug/l	100
59) 2-Hexanone	10.971	43	215792	82.936	ug/l	99
60) Dibromochloromethane	11.130	129	56790	14.530	ug/l	99
61) 1,2-Dibromoethane	11.239	107	50328	15.221	ug/l	97
64) Tetrachloroethene	10.861	164	47489	13.659	ug/l	95
65) Chlorobenzene	11.654	112	174025	14.094	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.727	131	51603	13.422	ug/l	92
67) Ethyl Benzene	11.727	91	285126	13.515	ug/l	97
68) m/p-Xylenes	11.837	106	218275	27.210	ug/l	96
69) o-Xylene	12.166	106	100455	13.716	ug/l	95
70) Styrene	12.178	104	177894	13.837	ug/l	99
71) Bromoform	12.349	173	31078	14.814	ug/l #	98
73) Isopropylbenzene	12.465	105	257191	13.919	ug/l	98
74) N-amyl acetate	12.270	43	93807	15.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	66715	15.496	ug/l	98
76) 1,2,3-Trichloropropane	12.769	75	49818m	14.970	ug/l	
77) Bromobenzene	12.745	156	61765	14.249	ug/l	100
78) n-propylbenzene	12.800	91	329664	13.994	ug/l	98
79) 2-Chlorotoluene	12.891	91	198525	14.125	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	218794	13.925	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	20375	14.521	ug/l	95
82) 4-Chlorotoluene	12.983	91	213370	14.314	ug/l	99
83) tert-Butylbenzene	13.202	119	180867	13.833	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	226830	14.406	ug/l	100
85) sec-Butylbenzene	13.379	105	287903	14.332	ug/l	100
86) p-Isopropyltoluene	13.495	119	230330	13.901	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	126186	14.193	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	130005	14.732	ug/l	97
89) n-Butylbenzene	13.818	91	234595	14.010	ug/l	97
90) Hexachloroethane	14.086	117	42648	13.453	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	117423	15.026	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.483	75	11246	15.225	ug/l	98
93) 1,2,4-Trichlorobenzene	15.123	180	67166	14.119	ug/l	97
94) Hexachlorobutadiene	15.226	225	32284	14.649	ug/l	96
95) Naphthalene	15.360	128	149510	14.036	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	59098	13.651	ug/l	97

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

