

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111025\
 Data File : VW032411.D
 Acq On : 10 Nov 2025 17:00
 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: Nov 11 03:37:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:33:05 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025

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

Internal Standards								
1) Pentafluorobenzene			7.959	168	435986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			8.849	114	797552	50.000	ug/l	0.00
63) Chlorobenzene-d5			11.629	117	719357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			13.556	152	315359	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.319	65	823539	146.514	ug/l	0.00
Spiked Amount 50.000			Range 63	- 155	Recovery	=	293.020%#	
35) Dibromofluoromethane			7.904	113	696957	145.955	ug/l	0.00
Spiked Amount 50.000			Range 70	- 134	Recovery	=	291.920%#	
50) Toluene-d8			10.325	98	2691800	146.940	ug/l	0.00
Spiked Amount 50.000			Range 74	- 123	Recovery	=	293.880%#	
62) 4-Bromofluorobenzene			12.617	95	1007366	145.569	ug/l	0.00
Spiked Amount 50.000			Range 17	- 146	Recovery	=	291.140%#	
Target Compounds								
								Qvalue
2) Dichlorodifluoromethane			2.046	85	300485	134.572	ug/l	98
3) Chloromethane			2.253	50	575315	151.736	ug/l	99
4) Vinyl Chloride			2.405	62	690759	144.355	ug/l	100
5) Bromomethane			2.814	94	468539	146.379	ug/l	97
6) Chloroethane			2.966	64	463613	148.087	ug/l	100
7) Trichlorofluoromethane			3.308	101	591071	157.548	ug/l	95
8) Diethyl Ether			3.716	74	454616	148.213	ug/l	100
9) 1,1,2-Trichlorotrifluo...			4.100	101	586837	143.593	ug/l	100
10) Methyl Iodide			4.301	142	977057	148.436	ug/l	98
11) Tert butyl alcohol			5.216	59	341966	703.576	ug/l	99
12) 1,1-Dichloroethene			4.076	96	684456	146.058	ug/l	95
13) Acrolein			3.930	56	599820	735.542	ug/l	97
14) Allyl chloride			4.704	41	1348651	149.653	ug/l	99
15) Acrylonitrile			5.399	53	1304835	735.748	ug/l	100
16) Acetone			4.161	43	1231978	732.607	ug/l	98
17) Carbon Disulfide			4.417	76	2097048	151.404	ug/l	99
18) Methyl Acetate			4.704	43	637225	153.021	ug/l	100
19) Methyl tert-butyl Ether			5.460	73	1407972	142.531	ug/l	98
20) Methylene Chloride			4.954	84	823132	136.871	ug/l	99
21) trans-1,2-Dichloroethene			5.460	96	782759	146.081	ug/l	96
22) Diisopropyl ether			6.338	45	2672365	145.645	ug/l	99
23) Vinyl Acetate			6.283	43	9418125	749.187	ug/l	99
24) 1,1-Dichloroethane			6.246	63	1487877	148.007	ug/l	99
25) 2-Butanone			7.191	43	1820645	734.880	ug/l	99
26) 2,2-Dichloropropane			7.185	77	774362	138.217	ug/l	100
27) cis-1,2-Dichloroethene			7.191	96	946132	147.772	ug/l	99
28) Bromochloromethane			7.533	49	689075	145.028	ug/l #	16
29) Tetrahydrofuran			7.551	42	1147539	729.769	ug/l	100
30) Chloroform			7.691	83	1443061	146.635	ug/l	99
31) Cyclohexane			7.972	56	1276256	137.246	ug/l	98
32) 1,1,1-Trichloroethane			7.886	97	1016260	144.555	ug/l	98
36) 1,1-Dichloropropene			8.093	75	1045183	148.554	ug/l	99
37) Ethyl Acetate			7.270	43	758180	144.920	ug/l	100
38) Carbon Tetrachloride			8.081	117	935129	149.585	ug/l	98
39) Methylcyclohexane			9.343	83	1368173	150.110	ug/l	94
40) Benzene			8.337	78	3302092	145.740	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	439701	152.996	ug/l	98
42) 1,2-Dichloroethane	8.410	62	977444	146.870	ug/l	100
43) Isopropyl Acetate	8.435	43	1401399	151.278	ug/l	100
44) Trichloroethene	9.099	130	771901	146.409	ug/l	95
45) 1,2-Dichloropropane	9.374	63	828599	146.870	ug/l	98
46) Dibromomethane	9.465	93	477479	144.830	ug/l	97
47) Bromodichloromethane	9.648	83	1152120	153.199	ug/l	97
48) Methyl methacrylate	9.441	41	706671	160.532	ug/l	100
49) 1,4-Dioxane	9.459	88	132273	2864.004	ug/l #	100
51) 4-Methyl-2-Pentanone	10.209	43	3720409	726.470	ug/l	99
52) Toluene	10.392	92	2054324	146.788	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	1212474	156.547	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	1373940	153.398	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	661729	146.312	ug/l	98
56) Ethyl methacrylate	10.648	69	1077015	155.202	ug/l	99
57) 1,3-Dichloropropane	10.934	76	1184554	146.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	2815169	761.770	ug/l	100
59) 2-Hexanone	10.971	43	2707666	722.649	ug/l	99
60) Dibromochloromethane	11.130	129	771162	152.685	ug/l	98
61) 1,2-Dibromoethane	11.233	107	650672	147.713	ug/l	97
64) Tetrachloroethene	10.867	164	618662	145.230	ug/l	88
65) Chlorobenzene	11.654	112	2207255	142.361	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	706156	147.164	ug/l	99
67) Ethyl Benzene	11.727	91	3839407	143.114	ug/l	97
68) m/p-Xylenes	11.837	106	2923713	290.261	ug/l	96
69) o-Xylene	12.166	106	1409302	146.124	ug/l	97
70) Styrene	12.178	104	2411726	145.364	ug/l	99
71) Bromoform	12.349	173	423010	148.835	ug/l #	95
73) Isopropylbenzene	12.459	105	3489900	150.679	ug/l	99
74) N-amyl acetate	12.270	43	1227847	152.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	786139	143.021	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	573471m	132.604	ug/l	
77) Bromobenzene	12.745	156	813648	148.374	ug/l	97
78) n-propylbenzene	12.800	91	4246088	150.540	ug/l	99
79) 2-Chlorotoluene	12.891	91	2572090	149.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	2817712	147.463	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	307315	162.783	ug/l	96
82) 4-Chlorotoluene	12.983	91	2684128	149.879	ug/l	100
83) tert-Butylbenzene	13.202	119	2490454	149.829	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	2901660	149.302	ug/l	100
85) sec-Butylbenzene	13.379	105	3673311	148.386	ug/l	100
86) p-Isopropyltoluene	13.495	119	3073760	150.385	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	1509962	145.231	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	1515160	142.246	ug/l	97
89) n-Butylbenzene	13.818	91	3032908	151.884	ug/l	99
90) Hexachloroethane	14.086	117	584015	158.476	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	1407554	147.475	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	145307	153.453	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	938399	154.502	ug/l	98
94) Hexachlorobutadiene	15.232	225	391549	155.194	ug/l	96
95) Naphthalene	15.360	128	2339043	154.434	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	856827	155.386	ug/l	92

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

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