

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111225\
 Data File : VW032437.D
 Acq On : 12 Nov 2025 12:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 05:14:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit
 Patel

11/14/2025
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	373629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	706049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	643557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	303447	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	254775	52.891	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 105.780%	
35) Dibromofluoromethane	7.904	113	211655	50.069	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 100.140%	
50) Toluene-d8	10.325	98	809450	49.913	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.617	95	305050	49.794	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 99.580%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	88598	46.738	ug/l	95
3) Chloromethane	2.253	50	161699	49.765	ug/l	99
4) Vinyl Chloride	2.405	62	206155	50.273	ug/l	100
5) Bromomethane	2.826	94	141641	51.636	ug/l	98
6) Chloroethane	2.972	64	137197	51.137	ug/l	99
7) Trichlorofluoromethane	3.308	101	160613	49.956	ug/l	89
8) Diethyl Ether	3.722	74	134953	51.340	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	175332	50.062	ug/l	99
10) Methyl Iodide	4.320	142	289823	51.379	ug/l	99
11) Tert butyl alcohol	5.210	59	94169	226.083	ug/l	99
12) 1,1-Dichloroethene	4.082	96	200197	49.850	ug/l	96
13) Acrolein	3.936	56	158186	226.353	ug/l	99
14) Allyl chloride	4.704	41	397030	51.409	ug/l	98
15) Acrylonitrile	5.405	53	394912	259.840	ug/l	99
16) Acetone	4.161	43	359690	249.591	ug/l	95
17) Carbon Disulfide	4.417	76	597485	50.337	ug/l	98
18) Methyl Acetate	4.710	43	189166	53.007	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	427833	50.539	ug/l	97
20) Methylene Chloride	4.960	84	252335	48.961	ug/l	98
21) trans-1,2-Dichloroethene	5.466	96	238590	51.958	ug/l	98
22) Diisopropyl ether	6.344	45	842377	53.572	ug/l	96
23) Vinyl Acetate	6.283	43	2810837	260.912	ug/l	98
24) 1,1-Dichloroethane	6.246	63	454229	52.726	ug/l	100
25) 2-Butanone	7.191	43	528591	248.968	ug/l	99
26) 2,2-Dichloropropane	7.191	77	226268	47.127	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	284593	51.868	ug/l	99
28) Bromochloromethane	7.533	49	216522	53.177	ug/l	95
29) Tetrahydrofuran	7.551	42	351888	261.129	ug/l	99
30) Chloroform	7.697	83	450823	53.456	ug/l	99
31) Cyclohexane	7.971	56	379363	47.605	ug/l	99
32) 1,1,1-Trichloroethane	7.892	97	308551	51.214	ug/l	98
36) 1,1-Dichloropropene	8.093	75	316820	50.866	ug/l	98
37) Ethyl Acetate	7.276	43	230958	49.867	ug/l	99
38) Carbon Tetrachloride	8.081	117	270187	48.821	ug/l	95
39) Methylcyclohexane	9.343	83	394944	48.947	ug/l	94
40) Benzene	8.337	78	1007998	50.254	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	141595	55.654	ug/l	90
42) 1,2-Dichloroethane	8.410	62	307491	52.191	ug/l	99
43) Isopropyl Acetate	8.435	43	408444	49.805	ug/l	100
44) Trichloroethene	9.099	130	228932	49.050	ug/l	95
45) 1,2-Dichloropropane	9.374	63	258257	51.709	ug/l	98
46) Dibromomethane	9.465	93	149447	51.206	ug/l	98
47) Bromodichloromethane	9.654	83	344245	51.707	ug/l	98
48) Methyl methacrylate	9.441	41	192048	49.281	ug/l	94
49) 1,4-Dioxane	9.465	88	42022	1027.788	ug/l #	96
51) 4-Methyl-2-Pentanone	10.215	43	1165752	257.133	ug/l	99
52) Toluene	10.392	92	631344	50.958	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	347673	50.707	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	400076	50.457	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	201688	50.374	ug/l	95
56) Ethyl methacrylate	10.648	69	309227	50.336	ug/l	99
57) 1,3-Dichloropropane	10.934	76	366739	51.285	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	863256	263.866	ug/l	100
59) 2-Hexanone	10.971	43	824768	248.650	ug/l	99
60) Dibromochloromethane	11.129	129	226923	50.752	ug/l	99
61) 1,2-Dibromoethane	11.239	107	192953	49.480	ug/l	100
64) Tetrachloroethene	10.861	164	190695	50.038	ug/l	89
65) Chlorobenzene	11.660	112	687133	49.538	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	214689	50.011	ug/l	99
67) Ethyl Benzene	11.727	91	1193431	49.725	ug/l	98
68) m/p-Xylenes	11.837	106	913758	101.401	ug/l	98
69) o-Xylene	12.166	106	429790	49.812	ug/l	97
70) Styrene	12.178	104	747066	50.332	ug/l	100
71) Bromoform	12.349	173	115269	45.334	ug/l	99
73) Isopropylbenzene	12.458	105	1065354	47.803	ug/l	98
74) N-amyl acetate	12.269	43	369049	47.654	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	259422	49.049	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	185113m	44.490	ug/l	
77) Bromobenzene	12.745	156	261775	49.610	ug/l	99
78) n-propylbenzene	12.800	91	1337751	49.290	ug/l	99
79) 2-Chlorotoluene	12.885	91	799399	48.250	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	905134	49.229	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	84193	46.347	ug/l	95
82) 4-Chlorotoluene	12.983	91	856054	49.678	ug/l	99
83) tert-Butylbenzene	13.202	119	759314	47.475	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	935734	50.037	ug/l	98
85) sec-Butylbenzene	13.379	105	1103285	46.318	ug/l	99
86) p-Isopropyltoluene	13.495	119	946078	48.104	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	500871	50.066	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	492861	48.087	ug/l	99
89) n-Butylbenzene	13.818	91	921058	47.936	ug/l	99
90) Hexachloroethane	14.086	117	166539	46.965	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	445768	48.538	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	41584	45.639	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	286623	49.043	ug/l	98
94) Hexachlorobutadiene	15.226	225	106668	43.938	ug/l	94
95) Naphthalene	15.360	128	684634	46.977	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	242806	45.762	ug/l	96

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

