

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032078.D
 Acq On : 11 Aug 2025 19:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 12 04:30:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2025
 Supervised By :Semsettin Yesilyurt 08/12/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	224871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	413610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	399228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	181926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	160017	49.202	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	98.400%		
35) Dibromofluoromethane	7.898	113	132442	49.565	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	99.140%		
50) Toluene-d8	10.325	98	496013	50.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	100.380%		
62) 4-Bromofluorobenzene	12.617	95	180889	49.666	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	99.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	66817	41.544	ug/l	100
3) Chloromethane	2.253	50	91640	42.300	ug/l	95
4) Vinyl Chloride	2.405	62	112251	42.835	ug/l	94
5) Bromomethane	2.826	94	84610	43.036	ug/l	99
6) Chloroethane	2.972	64	76486	44.108	ug/l	99
7) Trichlorofluoromethane	3.308	101	91694	43.678	ug/l	95
8) Diethyl Ether	3.722	74	78203	45.468	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	107518	43.412	ug/l	99
10) Methyl Iodide	4.308	142	157749	44.922	ug/l	98
11) Tert butyl alcohol	5.216	59	48254	229.131	ug/l	100
12) 1,1-Dichloroethene	4.082	96	120156	44.059	ug/l	95
13) Acrolein	3.930	56	65364	194.795	ug/l	95
14) Allyl chloride	4.704	41	176474	44.462	ug/l	99
15) Acrylonitrile	5.405	53	195391	238.510	ug/l	99
16) Acetone	4.161	43	152843	202.983	ug/l	99
17) Carbon Disulfide	4.423	76	316067	43.178	ug/l #	94
18) Methyl Acetate	4.710	43	131388	55.142	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	231312	48.139	ug/l	99
20) Methylene Chloride	4.960	84	143735	41.285	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	133902	46.267	ug/l	95
22) Diisopropyl ether	6.344	45	401086	47.935	ug/l	100
23) Vinyl Acetate	6.283	43	1283164	233.574	ug/l	100
24) 1,1-Dichloroethane	6.246	63	242514	45.363	ug/l	99
25) 2-Butanone	7.197	43	255523	238.766	ug/l	100
26) 2,2-Dichloropropane	7.191	77	113466	42.306	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	162586	48.061	ug/l	98
28) Bromochloromethane	7.533	49	119080	48.947	ug/l	100
29) Tetrahydrofuran	7.551	42	173149	245.333	ug/l	99
30) Chloroform	7.691	83	267886	47.266	ug/l	100
31) Cyclohexane	7.971	56	200498	43.259	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	185041	44.949	ug/l	98
36) 1,1-Dichloropropene	8.093	75	180151	47.825	ug/l	99
37) Ethyl Acetate	7.277	43	110057	49.608	ug/l	99
38) Carbon Tetrachloride	8.087	117	167458	46.065	ug/l	94
39) Methylcyclohexane	9.343	83	221584	48.261	ug/l	98
40) Benzene	8.337	78	560623	47.879	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	62009	49.286	ug/l	94
42) 1,2-Dichloroethane	8.410	62	180455	48.163	ug/l	99
43) Isopropyl Acetate	8.435	43	200606	49.147	ug/l	99
44) Trichloroethene	9.099	130	129965	46.608	ug/l	98
45) 1,2-Dichloropropane	9.380	63	138731	49.043	ug/l	99
46) Dibromomethane	9.465	93	89360	48.945	ug/l	99
47) Bromodichloromethane	9.654	83	205517	48.852	ug/l	98
48) Methyl methacrylate	9.441	41	101426	51.471	ug/l	98
49) 1,4-Dioxane	9.459	88	23641	1001.497	ug/l	99
51) 4-Methyl-2-Pentanone	10.215	43	581370	252.344	ug/l	100
52) Toluene	10.392	92	363384	49.271	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	188585	47.848	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	216528	48.425	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	118978	49.042	ug/l	98
56) Ethyl methacrylate	10.648	69	166567	51.306	ug/l	100
57) 1,3-Dichloropropane	10.934	76	204220	48.292	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	476248	265.209	ug/l	99
59) 2-Hexanone	10.971	43	404553	253.545	ug/l	100
60) Dibromochloromethane	11.129	129	134574	48.560	ug/l	97
61) 1,2-Dibromoethane	11.239	107	115961	49.186	ug/l	100
64) Tetrachloroethene	10.861	164	103230	44.767	ug/l	92
65) Chlorobenzene	11.660	112	390137	44.896	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	125374	46.243	ug/l	98
67) Ethyl Benzene	11.733	91	674717	45.839	ug/l	97
68) m/p-Xylenes	11.837	106	509322	89.674	ug/l	96
69) o-Xylene	12.166	106	249805	47.586	ug/l	99
70) Styrene	12.178	104	444091	47.626	ug/l	99
71) Bromoform	12.349	173	74729	48.185	ug/l #	99
73) Isopropylbenzene	12.465	105	615630	48.421	ug/l	100
74) N-amyl acetate	12.270	43	174844	47.933	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	143342	47.484	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	132741m	53.760	ug/l	
77) Bromobenzene	12.745	156	145348	47.865	ug/l	97
78) n-propylbenzene	12.806	91	756214	48.311	ug/l	100
79) 2-Chlorotoluene	12.891	91	469293	48.578	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	534122	49.484	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	43908	46.037	ug/l	97
82) 4-Chlorotoluene	12.989	91	487171	47.464	ug/l	98
83) tert-Butylbenzene	13.202	119	433786	48.424	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	543640	49.477	ug/l	99
85) sec-Butylbenzene	13.379	105	643083	47.482	ug/l	99
86) p-Isopropyltoluene	13.495	119	549955	48.708	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	278295	46.057	ug/l	93
88) 1,4-Dichlorobenzene	13.574	146	277410	45.431	ug/l	98
89) n-Butylbenzene	13.818	91	531065	48.414	ug/l	100
90) Hexachloroethane	14.086	117	94529	45.779	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	269607	49.256	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	25079	46.732	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	155733	47.562	ug/l	99
94) Hexachlorobutadiene	15.226	225	65688	44.879	ug/l	96
95) Naphthalene	15.360	128	397425	49.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	152914	51.327	ug/l	95

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

