

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032641.D
 Acq On : 12 Dec 2025 08:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

12/14/2025
 Supervised By : Mahesh
 Dadoda

Quant Time: Dec 12 23:37:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	376326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	642579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	595450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	274486	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	255971	43.721	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	87.440%
35) Dibromofluoromethane	7.904	113	204961	45.100	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.200%
50) Toluene-d8	10.325	98	778947	47.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.460%
62) 4-Bromofluorobenzene	12.617	95	291123	48.083	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	98926	42.333	ug/l	99
3) Chloromethane	2.253	50	163808	39.736	ug/l	94
4) Vinyl Chloride	2.405	62	226260	45.997	ug/l	100
5) Bromomethane	2.820	94	149233	45.550	ug/l	98
6) Chloroethane	2.966	64	149715	47.170	ug/l	99
7) Trichlorofluoromethane	3.308	101	208098	48.322	ug/l	94
8) Diethyl Ether	3.722	74	132292	45.877	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	200946	46.597	ug/l	97
10) Methyl Iodide	4.307	142	284201	47.326	ug/l	100
11) Tert butyl alcohol	5.222	59	85363	218.424	ug/l	98
12) 1,1-Dichloroethene	4.076	96	213116	46.650	ug/l	97
13) Acrolein	3.929	56	150541	228.833	ug/l	99
14) Allyl chloride	4.710	41	392998	46.275	ug/l	100
15) Acrylonitrile	5.405	53	385390	239.158	ug/l	99
16) Acetone	4.161	43	421417	213.752	ug/l	98
17) Carbon Disulfide	4.423	76	613999	46.245	ug/l	99
18) Methyl Acetate	4.710	43	186113	48.391	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	441963	48.727	ug/l	96
20) Methylene Chloride	4.960	84	255026	42.371	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	236807	47.461	ug/l	95
22) Diisopropyl ether	6.344	45	832956	48.439	ug/l	96
23) Vinyl Acetate	6.283	43	2816118	242.197	ug/l	100
24) 1,1-Dichloroethane	6.246	63	458915	46.664	ug/l	99
25) 2-Butanone	7.197	43	538669	232.529	ug/l	99
26) 2,2-Dichloropropane	7.191	77	261527	47.362	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	276124	47.398	ug/l	100
28) Bromochloromethane	7.532	49	207933	53.222	ug/l	98
29) Tetrahydrofuran	7.551	42	343902	247.277	ug/l	99
30) Chloroform	7.691	83	460266	47.447	ug/l	99
31) Cyclohexane	7.971	56	411703	45.420	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	342550	48.023	ug/l	99
36) 1,1-Dichloropropene	8.099	75	330750	49.995	ug/l	99
37) Ethyl Acetate	7.270	43	237611	52.434	ug/l	100
38) Carbon Tetrachloride	8.081	117	303455	49.591	ug/l	99
39) Methylcyclohexane	9.343	83	410255	49.310	ug/l	95
40) Benzene	8.337	78	984021	49.030	ug/l	96

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41) Methacrylonitrile	7.502	41	123490	50.985	ug/l	99
42) 1,2-Dichloroethane	8.416	62	320541	50.162	ug/l	100
43) Isopropyl Acetate	8.435	43	402393	50.071	ug/l	99
44) Trichloroethene	9.099	130	226639	49.456	ug/l	93
45) 1,2-Dichloropropane	9.374	63	257054	50.617	ug/l	100
46) Dibromomethane	9.465	93	151299	50.851	ug/l	96
47) Bromodichloromethane	9.648	83	340103	49.140	ug/l	97
48) Methyl methacrylate	9.441	41	204479	53.907	ug/l	93
49) 1,4-Dioxane	9.465	88	40268	1008.833	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	1182889	264.002	ug/l	99
52) Toluene	10.392	92	631527	51.144	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	347386	50.905	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	397713	50.540	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	202508	50.727	ug/l	97
56) Ethyl methacrylate	10.648	69	298325	51.762	ug/l	99
57) 1,3-Dichloropropane	10.934	76	365950	51.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	639864	330.366	ug/l	100
59) 2-Hexanone	10.971	43	847069	261.028	ug/l	100
60) Dibromochloromethane	11.129	129	231728	52.113	ug/l	96
61) 1,2-Dibromoethane	11.239	107	193787	50.199	ug/l	97
64) Tetrachloroethene	10.861	164	180201	47.200	ug/l	96
65) Chlorobenzene	11.660	112	686101	50.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	210472	49.569	ug/l	94
67) Ethyl Benzene	11.727	91	1209541	51.474	ug/l	93
68) m/p-Xylenes	11.837	106	898764	99.663	ug/l	100
69) o-Xylene	12.166	106	423560	50.926	ug/l	100
70) Styrene	12.178	104	733235	50.569	ug/l	99
71) Bromoform	12.349	173	126168	51.175	ug/l #	99
73) Isopropylbenzene	12.458	105	1051639	50.372	ug/l	100
74) N-amyl acetate	12.269	43	366933	51.298	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	262369	52.200	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	190709m	51.777	ug/l	
77) Bromobenzene	12.745	156	246155	51.381	ug/l	96
78) n-propylbenzene	12.800	91	1384302	51.909	ug/l	99
79) 2-Chlorotoluene	12.891	91	813620	51.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	914822	52.169	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	86622	58.391	ug/l	99
82) 4-Chlorotoluene	12.983	91	856187	51.499	ug/l	99
83) tert-Butylbenzene	13.202	119	765387	51.236	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	926597	52.394	ug/l	100
85) sec-Butylbenzene	13.379	105	1167610	51.050	ug/l	100
86) p-Isopropyltoluene	13.495	119	941250	50.597	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	508572	51.864	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	490855	50.269	ug/l	97
89) n-Butylbenzene	13.818	91	963216	51.536	ug/l	99
90) Hexachloroethane	14.086	117	171568	49.378	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	457476	51.686	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	43590	48.829	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	276539	52.604	ug/l	94
94) Hexachlorobutadiene	15.226	225	123742	49.795	ug/l	98
95) Naphthalene	15.360	128	664935	59.961	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	248174	49.942	ug/l	96

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

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