

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032337.D
 Acq On : 02 Oct 2025 16:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/03/2025
 Supervised By :Semsettin Yesilyurt 10/03/2025

Quant Time: Oct 02 22:12:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	289080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	546534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	498111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	237365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	217775	51.649	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 103.300%			
35) Dibromofluoromethane	7.904	113	172106	48.626	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 97.260%			
50) Toluene-d8	10.325	98	655709	50.195	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.617	95	249676	50.568	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 101.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.039	85	79678	43.923	ug/l	94
3) Chloromethane	2.253	50	121298	43.335	ug/l	97
4) Vinyl Chloride	2.405	62	159318	47.676	ug/l	94
5) Bromomethane	2.820	94	114806	46.750	ug/l	96
6) Chloroethane	2.966	64	105585	47.857	ug/l	95
7) Trichlorofluoromethane	3.307	101	128764	51.464	ug/l	96
8) Diethyl Ether	3.722	74	110331	50.889	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.106	101	142516	47.489	ug/l	94
10) Methyl Iodide	4.307	142	213570	49.877	ug/l	99
11) Tert butyl alcohol	5.222	59	78167	244.920	ug/l	94
12) 1,1-Dichloroethene	4.082	96	159655	49.004	ug/l	93
13) Acrolein	3.929	56	110581	213.489	ug/l	100
14) Allyl chloride	4.704	41	275042	49.981	ug/l	89
15) Acrylonitrile	5.405	53	283368	251.232	ug/l	99
16) Acetone	4.161	43	264732	226.752	ug/l	99
17) Carbon Disulfide	4.423	76	429382	48.303	ug/l	99
18) Methyl Acetate	4.710	43	169988	50.828	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	334481	52.125	ug/l	98
20) Methylene Chloride	4.960	84	214895	56.274	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	179814	49.851	ug/l	97
22) Diisopropyl ether	6.344	45	582144	50.867	ug/l	92
23) Vinyl Acetate	6.283	43	1939851	253.772	ug/l	100
24) 1,1-Dichloroethane	6.246	63	339695	48.857	ug/l	98
25) 2-Butanone	7.191	43	395597	248.793	ug/l	100
26) 2,2-Dichloropropane	7.191	77	178392	50.159	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	215834	49.808	ug/l	94
28) Bromochloromethane	7.532	49	163959	50.122	ug/l	89
29) Tetrahydrofuran	7.551	42	258517	258.531	ug/l	94
30) Chloroform	7.691	83	353226	50.093	ug/l	96
31) Cyclohexane	7.971	56	280772	47.302	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	250636	50.160	ug/l	99
36) 1,1-Dichloropropene	8.099	75	242895	48.626	ug/l	98
37) Ethyl Acetate	7.276	43	161714	48.638	ug/l	99
38) Carbon Tetrachloride	8.087	117	227082	48.310	ug/l	97
39) Methylcyclohexane	9.343	83	304767	50.582	ug/l	94
40) Benzene	8.337	78	747812	47.762	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	93503	52.183	ug/l	92
42) 1,2-Dichloroethane	8.410	62	253041	49.392	ug/l	100
43) Isopropyl Acetate	8.435	43	297757	50.483	ug/l	100
44) Trichloroethene	9.099	130	172380	47.020	ug/l	91
45) 1,2-Dichloropropane	9.373	63	191395	48.974	ug/l	100
46) Dibromomethane	9.471	93	117841	49.036	ug/l	95
47) Bromodichloromethane	9.654	83	267284	48.628	ug/l	98
48) Methyl methacrylate	9.441	41	147699	51.504	ug/l #	90
49) 1,4-Dioxane	9.465	88	33107	1007.931	ug/l	93
51) 4-Methyl-2-Pentanone	10.215	43	867876	254.045	ug/l	99
52) Toluene	10.392	92	473285	48.540	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	268233	50.301	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	297085	48.366	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	154823	48.204	ug/l	97
56) Ethyl methacrylate	10.648	69	237225	52.769	ug/l	94
57) 1,3-Dichloropropane	10.934	76	282359	49.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	638058	266.686	ug/l	96
59) 2-Hexanone	10.971	43	603270	250.380	ug/l	99
60) Dibromochloromethane	11.129	129	178564	48.963	ug/l	100
61) 1,2-Dibromoethane	11.233	107	155108	49.527	ug/l	98
64) Tetrachloroethene	10.867	164	140750	47.223	ug/l	93
65) Chlorobenzene	11.660	112	518647	47.323	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	167616	49.103	ug/l	99
67) Ethyl Benzene	11.733	91	909858	49.805	ug/l	96
68) m/p-Xylenes	11.836	106	690596	98.033	ug/l	99
69) o-Xylene	12.166	106	329130	49.960	ug/l	98
70) Styrene	12.178	104	577854	50.240	ug/l	99
71) Bromoform	12.349	173	94589	48.343	ug/l #	97
73) Isopropylbenzene	12.464	105	830183	51.121	ug/l	100
74) N-amyl acetate	12.269	43	269655	52.051	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	195054	48.374	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	177462m	56.813	ug/l	
77) Bromobenzene	12.745	156	197946	50.566	ug/l	89
78) n-propylbenzene	12.800	91	1032818	50.915	ug/l	97
79) 2-Chlorotoluene	12.891	91	625381	50.421	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	704533	50.173	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	62759	50.898	ug/l	93
82) 4-Chlorotoluene	12.989	91	652774	49.502	ug/l	98
83) tert-Butylbenzene	13.202	119	600337	52.105	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	721216	50.510	ug/l	99
85) sec-Butylbenzene	13.379	105	861593	48.935	ug/l	100
86) p-Isopropyltoluene	13.495	119	739642	50.628	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	379798	47.913	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	368930	46.547	ug/l	99
89) n-Butylbenzene	13.818	91	729171	51.119	ug/l	99
90) Hexachloroethane	14.092	117	127970	48.869	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	353081	49.275	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	34065	48.252	ug/l	93
93) 1,2,4-Trichlorobenzene	15.122	180	221681	51.593	ug/l	98
94) Hexachlorobutadiene	15.226	225	85288	43.415	ug/l	86
95) Naphthalene	15.360	128	555085	53.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	199999	49.384	ug/l	96

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

