

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032132.D
 Acq On : 25 Aug 2025 14:23
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 26 04:10:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:03:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	224533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	385077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	346011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	460363	149.310	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 298.620%#			
35) Dibromofluoromethane	7.898	113	383817	146.815	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 293.640%#			
50) Toluene-d8	10.325	98	1391987	149.235	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 298.480%#			
62) 4-Bromofluorobenzene	12.617	95	516101	149.070	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 298.140%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	199434	135.258	ug/l	97
3) Chloromethane	2.259	50	220476	137.913	ug/l	98
4) Vinyl Chloride	2.405	62	266636	136.626	ug/l	97
5) Bromomethane	2.814	94	253764	144.253	ug/l	98
6) Chloroethane	2.966	64	200047	144.459	ug/l	98
7) Trichlorofluoromethane	3.302	101	303549	154.087	ug/l	97
8) Diethyl Ether	3.722	74	201732	140.089	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.094	101	299024	137.649	ug/l	98
10) Methyl Iodide	4.314	142	466020	139.664	ug/l	100
11) Tert butyl alcohol	5.222	59	148916	773.398	ug/l	95
12) 1,1-Dichloroethene	4.076	96	321940	138.734	ug/l	97
13) Acrolein	3.930	56	59420	498.173	ug/l	99
14) Allyl chloride	4.704	41	477531	145.445	ug/l	98
15) Acrylonitrile	5.405	53	546582	769.563	ug/l	100
16) Acetone	4.161	43	453821	625.649	ug/l	99
17) Carbon Disulfide	4.417	76	829054	142.792	ug/l	98
18) Methyl Acetate	4.710	43	322774	156.290	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	640190	147.801	ug/l	96
20) Methylene Chloride	4.960	84	369048	126.410	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	366846	141.716	ug/l	94
22) Diisopropyl ether	6.344	45	1059786	146.518	ug/l	99
23) Vinyl Acetate	6.283	43	3859396	777.915	ug/l	98
24) 1,1-Dichloroethane	6.246	63	664832	143.760	ug/l	99
25) 2-Butanone	7.197	43	756733	752.547	ug/l	96
26) 2,2-Dichloropropane	7.185	77	359512	142.061	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	462920	147.854	ug/l	99
28) Bromochloromethane	7.533	49	318447	148.600	ug/l #	98
29) Tetrahydrofuran	7.551	42	482783	778.807	ug/l	100
30) Chloroform	7.691	83	752371	142.192	ug/l	97
31) Cyclohexane	7.972	56	512437	132.512	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	545602	141.926	ug/l	99
36) 1,1-Dichloropropene	8.093	75	488482	141.812	ug/l	98
37) Ethyl Acetate	7.277	43	317044	149.808	ug/l	99
38) Carbon Tetrachloride	8.081	117	524299	143.588	ug/l	99
39) Methylcyclohexane	9.343	83	609276	148.728	ug/l	99
40) Benzene	8.337	78	1510892	142.439	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	181573	157.480	ug/l	94
42) 1,2-Dichloroethane	8.410	62	522102	141.486	ug/l	100
43) Isopropyl Acetate	8.435	43	613939	157.407	ug/l	98
44) Trichloroethene	9.099	130	387831	141.937	ug/l	88
45) 1,2-Dichloropropane	9.374	63	363755	142.437	ug/l	100
46) Dibromomethane	9.465	93	257920	144.811	ug/l	99
47) Bromodichloromethane	9.648	83	598717	148.288	ug/l	97
48) Methyl methacrylate	9.441	41	291855	159.264	ug/l	99
49) 1,4-Dioxane	9.465	88	71928	3047.986	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	1704309	775.494	ug/l	99
52) Toluene	10.392	92	992031	143.900	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	577704	159.254	ug/l	94
54) cis-1,3-Dichloropropene	10.081	75	636224	153.735	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	333584	143.414	ug/l	97
56) Ethyl methacrylate	10.648	69	495663	164.365	ug/l	99
57) 1,3-Dichloropropane	10.934	76	560124	144.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	1305846	803.253	ug/l	99
59) 2-Hexanone	10.971	43	1205158	771.123	ug/l	98
60) Dibromochloromethane	11.130	129	429657	152.471	ug/l	99
61) 1,2-Dibromoethane	11.239	107	340209	147.352	ug/l	98
64) Tetrachloroethene	10.861	164	335981	146.158	ug/l	93
65) Chlorobenzene	11.660	112	1139461	145.696	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	382019	151.416	ug/l	97
67) Ethyl Benzene	11.733	91	1953759	151.037	ug/l	99
68) m/p-Xylenes	11.837	106	1456619	291.832	ug/l	98
69) o-Xylene	12.166	106	726120	153.625	ug/l	97
70) Styrene	12.178	104	1260205	153.789	ug/l	99
71) Bromoform	12.349	173	248958	164.412	ug/l	99
73) Isopropylbenzene	12.465	105	1800463	155.816	ug/l	99
74) N-amyl acetate	12.270	43	566664	168.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	415758	151.799	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	308835m	144.904	ug/l	
77) Bromobenzene	12.745	156	456068	153.560	ug/l	93
78) n-propylbenzene	12.800	91	2154970	151.358	ug/l	97
79) 2-Chlorotoluene	12.891	91	1311618	151.676	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	1530377	155.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	140605	172.292	ug/l	95
82) 4-Chlorotoluene	12.989	91	1372185	150.160	ug/l	99
83) tert-Butylbenzene	13.202	119	1295153	153.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	1570339	153.093	ug/l	100
85) sec-Butylbenzene	13.379	105	1934061	154.243	ug/l	99
86) p-Isopropyltoluene	13.495	119	1646459	155.354	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	836533	142.621	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	822998	137.608	ug/l	96
89) n-Butylbenzene	13.818	91	1565073	153.752	ug/l	98
90) Hexachloroethane	14.086	117	299297	153.625	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	794764	148.308	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.483	75	79942	161.174	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	504663	149.168	ug/l	95
94) Hexachlorobutadiene	15.232	225	239128	146.770	ug/l	95
95) Naphthalene	15.360	128	1303470	169.226	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	455549	145.678	ug/l	89

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

