

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082525\
 Data File : VW032135.D
 Acq On : 25 Aug 2025 15:38
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082525

Quant Time: Aug 26 04:44:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082525S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 04:26:40 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	175725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	287967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	271072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	130672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	141875	58.795	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 117.600%			
35) Dibromofluoromethane	7.898	113	122108	62.459	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 124.920%			
50) Toluene-d8	10.325	98	436579	62.590	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 125.180%#			
62) 4-Bromofluorobenzene	12.617	95	161395	62.338	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 124.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	57618	49.931	ug/l	99
3) Chloromethane	2.259	50	73083	58.413	ug/l	100
4) Vinyl Chloride	2.405	62	88895	58.202	ug/l	100
5) Bromomethane	2.826	94	79339	57.627	ug/l	99
6) Chloroethane	2.972	64	64719	59.716	ug/l	100
7) Trichlorofluoromethane	3.302	101	87022	56.443	ug/l	93
8) Diethyl Ether	3.722	74	67411	59.815	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.094	101	95651	56.260	ug/l	98
10) Methyl Iodide	4.320	142	159044	60.904	ug/l	98
11) Tert butyl alcohol	5.228	59	48804	323.865	ug/l	98
12) 1,1-Dichloroethene	4.082	96	108682	59.843	ug/l	96
13) Acrolein	3.930	56	18496	198.140	ug/l	95
14) Allyl chloride	4.704	41	164775	64.126	ug/l	99
15) Acrylonitrile	5.405	53	180486	324.698	ug/l	99
16) Acetone	4.161	43	163939	288.785	ug/l	99
17) Carbon Disulfide	4.423	76	275565	60.645	ug/l	99
18) Methyl Acetate	4.710	43	107322	66.400	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	220459	65.034	ug/l #	91
20) Methylene Chloride	4.960	84	128878	56.406	ug/l	97
21) trans-1,2-Dichloroethene	5.466	96	129261	63.804	ug/l	95
22) Diisopropyl ether	6.344	45	360855	63.746	ug/l	99
23) Vinyl Acetate	6.283	43	1257636	323.903	ug/l	100
24) 1,1-Dichloroethane	6.240	63	227294	62.800	ug/l	99
25) 2-Butanone	7.197	43	243867	309.878	ug/l	98
26) 2,2-Dichloropropane	7.191	77	125077	63.152	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	155472	63.449	ug/l	99
28) Bromochloromethane	7.533	49	105370	62.827	ug/l	96
29) Tetrahydrofuran	7.557	42	155164	319.827	ug/l	99
30) Chloroform	7.691	83	259780	62.733	ug/l	96
31) Cyclohexane	7.965	56	162540	53.706	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	187548	62.337	ug/l	99
36) 1,1-Dichloropropene	8.100	75	164993	64.052	ug/l	97
37) Ethyl Acetate	7.277	43	101996	64.447	ug/l	99
38) Carbon Tetrachloride	8.087	117	171296	62.732	ug/l	94
39) Methylcyclohexane	9.343	83	186983	61.036	ug/l	99
40) Benzene	8.337	78	520156	65.574	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	62774	72.805	ug/l	91
42) 1,2-Dichloroethane	8.410	62	178919	64.837	ug/l	99
43) Isopropyl Acetate	8.435	43	195057	66.875	ug/l	98
44) Trichloroethene	9.099	130	133905	65.532	ug/l	99
45) 1,2-Dichloropropane	9.380	63	123827	64.839	ug/l	99
46) Dibromomethane	9.465	93	86620	65.034	ug/l	97
47) Bromodichloromethane	9.648	83	200044	66.254	ug/l	96
48) Methyl methacrylate	9.441	41	92674	67.626	ug/l	99
49) 1,4-Dioxane	9.459	88	23224	1316.003	ug/l	95
51) 4-Methyl-2-Pentanone	10.215	43	553332	336.683	ug/l	100
52) Toluene	10.392	92	342271	66.391	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	185352	68.326	ug/l	94
54) cis-1,3-Dichloropropene	10.081	75	207051	66.903	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	111810	64.279	ug/l	99
56) Ethyl methacrylate	10.648	69	155290	68.861	ug/l	100
57) 1,3-Dichloropropane	10.934	76	187986	64.751	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	415831	342.044	ug/l	100
59) 2-Hexanone	10.971	43	392994	336.256	ug/l	99
60) Dibromochloromethane	11.130	129	136767	64.901	ug/l	99
61) 1,2-Dibromoethane	11.233	107	111975	64.854	ug/l	98
64) Tetrachloroethene	10.867	164	110719	61.480	ug/l	95
65) Chlorobenzene	11.660	112	380875	62.164	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	125986	63.740	ug/l	98
67) Ethyl Benzene	11.733	91	658429	64.972	ug/l	98
68) m/p-Xylenes	11.843	106	508964	130.160	ug/l	99
69) o-Xylene	12.166	106	240899	65.057	ug/l	98
70) Styrene	12.178	104	426410	66.423	ug/l	98
71) Bromoform	12.349	173	78498	66.172	ug/l #	99
73) Isopropylbenzene	12.459	105	616289	70.873	ug/l	98
74) N-amyl acetate	12.270	43	181810	71.900	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	137423	66.674	ug/l	99
76) 1,2,3-Trichloropropane	12.769	75	82346m	53.377	ug/l	
77) Bromobenzene	12.745	156	155973	69.785	ug/l	96
78) n-propylbenzene	12.800	91	752498	70.232	ug/l	99
79) 2-Chlorotoluene	12.891	91	449386	69.055	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	530022	71.390	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	43925	71.522	ug/l	98
82) 4-Chlorotoluene	12.989	91	478440	69.572	ug/l	100
83) tert-Butylbenzene	13.202	119	458600	72.253	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	537922	69.686	ug/l	99
85) sec-Butylbenzene	13.379	105	642657	68.106	ug/l	99
86) p-Isopropyltoluene	13.495	119	566562	71.037	ug/l	97
87) 1,3-Dichlorobenzene	13.501	146	303861	68.840	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	299809	66.613	ug/l	96
89) n-Butylbenzene	13.818	91	533173	69.602	ug/l	96
90) Hexachloroethane	14.092	117	104179	71.057	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	271700	67.372	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.483	75	25008	66.999	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	174038	68.357	ug/l	99
94) Hexachlorobutadiene	15.226	225	79930	65.190	ug/l	98
95) Naphthalene	15.360	128	408847	70.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	163483	69.470	ug/l	99

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

