

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032164.D
 Acq On : 28 Aug 2025 16:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 29 01:22:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	203954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	344715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	330689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	169082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	141055	48.359	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	96.720%		
35) Dibromofluoromethane	7.904	113	116913	48.341	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	96.680%		
50) Toluene-d8	10.325	98	412227	48.554	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	97.100%		
62) 4-Bromofluorobenzene	12.617	95	151325	48.201	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	96.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	58861	43.712	ug/l	93
3) Chloromethane	2.253	50	59471	42.123	ug/l	97
4) Vinyl Chloride	2.405	62	79235	43.209	ug/l	96
5) Bromomethane	2.826	94	69717	42.574	ug/l	100
6) Chloroethane	2.972	64	57722	44.697	ug/l	93
7) Trichlorofluoromethane	3.302	101	75964	41.809	ug/l	91
8) Diethyl Ether	3.722	74	61887	45.643	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	91647	44.776	ug/l	100
10) Methyl Iodide	4.307	142	144035	46.216	ug/l	99
11) Tert butyl alcohol	5.216	59	41921	234.965	ug/l	99
12) 1,1-Dichloroethene	4.076	96	98096	45.509	ug/l	96
13) Acrolein	3.929	56	50986	185.910	ug/l	98
14) Allyl chloride	4.704	41	138942	45.379	ug/l	100
15) Acrylonitrile	5.405	53	164373	249.345	ug/l	100
16) Acetone	4.161	43	132596	209.904	ug/l	94
17) Carbon Disulfide	4.423	76	242812	45.038	ug/l	99
18) Methyl Acetate	4.710	43	109467	54.388	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	196939	48.383	ug/l	98
20) Methylene Chloride	4.954	84	120849	46.357	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	116195	48.254	ug/l	94
22) Diisopropyl ether	6.344	45	329427	49.434	ug/l	98
23) Vinyl Acetate	6.283	43	1101741	243.170	ug/l	98
24) 1,1-Dichloroethane	6.246	63	205876	47.191	ug/l	99
25) 2-Butanone	7.197	43	223914	250.146	ug/l	98
26) 2,2-Dichloropropane	7.185	77	104020	45.024	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	140431	47.926	ug/l	99
28) Bromochloromethane	7.532	49	99736	49.941	ug/l	100
29) Tetrahydrofuran	7.557	42	146230	257.074	ug/l	99
30) Chloroform	7.691	83	241289	48.442	ug/l	100
31) Cyclohexane	7.971	56	156887	43.814	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	169266	46.552	ug/l	98
36) 1,1-Dichloropropene	8.099	75	153299	48.887	ug/l	99
37) Ethyl Acetate	7.276	43	94996	50.500	ug/l	100
38) Carbon Tetrachloride	8.081	117	159053	47.315	ug/l	92
39) Methylcyclohexane	9.343	83	174516	46.987	ug/l	96
40) Benzene	8.337	78	475746	49.081	ug/l	97

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41) Methacrylonitrile	7.502	41	51244	49.032	ug/l	98
42) 1,2-Dichloroethane	8.410	62	167545	49.861	ug/l	99
43) Isopropyl Acetate	8.435	43	175377	49.696	ug/l	99
44) Trichloroethene	9.105	130	116139	47.645	ug/l	90
45) 1,2-Dichloropropane	9.374	63	116056	49.668	ug/l	99
46) Dibromomethane	9.465	93	80286	48.988	ug/l	99
47) Bromodichloromethane	9.654	83	184053	49.419	ug/l	98
48) Methyl methacrylate	9.441	41	83683	51.455	ug/l	96
49) 1,4-Dioxane	9.465	88	21836	1102.733	ug/l	100
51) 4-Methyl-2-Pentanone	10.215	43	526554	264.247	ug/l	99
52) Toluene	10.392	92	312548	49.343	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	161574	49.177	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	185079	49.369	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	103871	48.739	ug/l	98
56) Ethyl methacrylate	10.648	69	143415	52.637	ug/l	99
57) 1,3-Dichloropropane	10.934	76	174545	48.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	362403	249.197	ug/l	99
59) 2-Hexanone	10.971	43	375163	270.711	ug/l	99
60) Dibromochloromethane	11.129	129	127366	49.389	ug/l	97
61) 1,2-Dibromoethane	11.239	107	102532	48.923	ug/l	99
64) Tetrachloroethene	10.861	164	100520	46.185	ug/l	93
65) Chlorobenzene	11.660	112	349339	46.412	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.733	131	117372	47.364	ug/l	98
67) Ethyl Benzene	11.733	91	595625	48.297	ug/l	98
68) m/p-Xylenes	11.837	106	459364	96.784	ug/l	96
69) o-Xylene	12.166	106	225028	50.123	ug/l	95
70) Styrene	12.184	104	382003	48.269	ug/l	99
71) Bromoform	12.349	173	72933	49.553	ug/l #	98
73) Isopropylbenzene	12.458	105	538161	46.850	ug/l	97
74) N-amyl acetate	12.269	43	161945	48.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	134635	49.319	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	98905m	46.692	ug/l	
77) Bromobenzene	12.745	156	142629	48.691	ug/l	98
78) n-propylbenzene	12.800	91	681595	48.874	ug/l	99
79) 2-Chlorotoluene	12.891	91	411959	48.307	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	470005	48.327	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	37907	48.183	ug/l	97
82) 4-Chlorotoluene	12.989	91	435680	47.728	ug/l	97
83) tert-Butylbenzene	13.202	119	409816	49.698	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	503859	50.077	ug/l	99
85) sec-Butylbenzene	13.379	105	588838	47.827	ug/l	100
86) p-Isopropyltoluene	13.495	119	513484	49.043	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	282362	47.874	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	272552	46.103	ug/l	98
89) n-Butylbenzene	13.818	91	485755	48.663	ug/l	98
90) Hexachloroethane	14.092	117	91410	47.730	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	250970	48.061	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	24027	49.821	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	159188	47.714	ug/l	98
94) Hexachlorobutadiene	15.232	225	75779	45.798	ug/l	96
95) Naphthalene	15.360	128	373913	49.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	147223	47.449	ug/l	99

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

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