

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032125.D
 Acq On : 22 Aug 2025 20:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 25 04:03:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
 Supervised By :Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	224305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	375815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	353352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	178852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	147822	45.567	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	91.140%		
35) Dibromofluoromethane	7.898	113	123738	50.965	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	101.920%		
50) Toluene-d8	10.325	98	453302	50.478	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	100.960%		
62) 4-Bromofluorobenzene	12.617	95	169576	51.242	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	102.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	60616	37.784	ug/l	89
3) Chloromethane	2.253	50	66010	30.546	ug/l	98
4) Vinyl Chloride	2.405	62	88730	33.945	ug/l	96
5) Bromomethane	2.826	94	76474	38.996	ug/l	98
6) Chloroethane	2.972	64	62924	36.379	ug/l	94
7) Trichlorofluoromethane	3.308	101	83584	39.916	ug/l	99
8) Diethyl Ether	3.716	74	70044	40.827	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.100	101	96641	39.119	ug/l	95
10) Methyl Iodide	4.313	142	156175	44.586	ug/l	97
11) Tert butyl alcohol	5.222	59	45603	217.089	ug/l	98
12) 1,1-Dichloroethene	4.076	96	104640	38.467	ug/l	95
13) Acrolein	3.929	56	21541	64.357	ug/l	100
14) Allyl chloride	4.704	41	152846	38.606	ug/l #	87
15) Acrylonitrile	5.405	53	172185	210.714	ug/l	98
16) Acetone	4.161	43	137360	182.881	ug/l	93
17) Carbon Disulfide	4.423	76	263615	36.104	ug/l	98
18) Methyl Acetate	4.710	43	127909	53.818	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	221735	46.263	ug/l	98
20) Methylene Chloride	4.954	84	143407	41.295	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	120945	41.896	ug/l	97
22) Diisopropyl ether	6.344	45	359182	43.035	ug/l	97
23) Vinyl Acetate	6.283	43	1135583	207.231	ug/l	99
24) 1,1-Dichloroethane	6.246	63	220313	41.314	ug/l	100
25) 2-Butanone	7.197	43	234586	219.755	ug/l	99
26) 2,2-Dichloropropane	7.185	77	107521	40.191	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	153296	45.429	ug/l	94
28) Bromochloromethane	7.532	49	103202	42.528	ug/l	92
29) Tetrahydrofuran	7.551	42	152055	215.989	ug/l	96
30) Chloroform	7.691	83	251568	44.499	ug/l	98
31) Cyclohexane	7.971	56	171500	37.096	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	180836	44.038	ug/l	98
36) 1,1-Dichloropropene	8.099	75	158024	46.169	ug/l	98
37) Ethyl Acetate	7.276	43	97907	48.569	ug/l	98
38) Carbon Tetrachloride	8.087	117	165550	50.120	ug/l	96
39) Methylcyclohexane	9.343	83	193128	46.294	ug/l	96
40) Benzene	8.337	78	505813	47.543	ug/l	97

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41) Methacrylonitrile	7.502	41	61003	53.363	ug/l	96
42) 1,2-Dichloroethane	8.416	62	172298	50.610	ug/l	99
43) Isopropyl Acetate	8.435	43	189062	50.977	ug/l	98
44) Trichloroethene	9.105	130	127434	50.297	ug/l	98
45) 1,2-Dichloropropane	9.374	63	123191	47.929	ug/l	99
46) Dibromomethane	9.465	93	85832	51.741	ug/l	94
47) Bromodichloromethane	9.654	83	190097	49.731	ug/l	99
48) Methyl methacrylate	9.441	41	94048	52.527	ug/l #	91
49) 1,4-Dioxane	9.465	88	23490	1095.175	ug/l	93
51) 4-Methyl-2-Pentanone	10.215	43	547763	261.667	ug/l	98
52) Toluene	10.392	92	335709	50.096	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	177654	49.608	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	199147	49.017	ug/l	94
55) 1,1,2-Trichloroethane	10.788	97	111513	50.587	ug/l	96
56) Ethyl methacrylate	10.648	69	152877	51.825	ug/l #	92
57) 1,3-Dichloropropane	10.934	76	189633	49.353	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	416725	255.401	ug/l	98
59) 2-Hexanone	10.971	43	386153	266.352	ug/l	97
60) Dibromochloromethane	11.135	129	134773	53.522	ug/l	98
61) 1,2-Dibromoethane	11.239	107	109767	51.241	ug/l	98
64) Tetrachloroethene	10.867	164	109321	53.563	ug/l	95
65) Chlorobenzene	11.660	112	377030	49.021	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	121980	50.832	ug/l	98
67) Ethyl Benzene	11.733	91	625258	47.994	ug/l	97
68) m/p-Xylenes	11.837	106	485810	96.639	ug/l	99
69) o-Xylene	12.166	106	240717	51.808	ug/l	95
70) Styrene	12.178	104	417846	50.630	ug/l	98
71) Bromoform	12.349	173	77066	56.144	ug/l #	96
73) Isopropylbenzene	12.464	105	606764	48.544	ug/l	100
74) N-amyl acetate	12.269	43	167518	46.714	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	135731	45.736	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	107500m	44.285	ug/l	
77) Bromobenzene	12.745	156	146995	49.239	ug/l	91
78) n-propylbenzene	12.800	91	711959	46.266	ug/l	99
79) 2-Chlorotoluene	12.891	91	437440	46.059	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	494302	46.582	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	39187	41.794	ug/l	91
82) 4-Chlorotoluene	12.989	91	455888	45.180	ug/l	96
83) tert-Butylbenzene	13.202	119	435155	49.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	517357	47.894	ug/l	98
85) sec-Butylbenzene	13.379	105	628332	47.191	ug/l	99
86) p-Isopropyltoluene	13.495	119	544722	49.074	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	288658	48.594	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	297467	49.553	ug/l	97
89) n-Butylbenzene	13.818	91	496987	46.086	ug/l	99
90) Hexachloroethane	14.086	117	95426	47.008	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	272906	50.716	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	24938	47.268	ug/l	93
93) 1,2,4-Trichlorobenzene	15.129	180	176308	54.771	ug/l	93
94) Hexachlorobutadiene	15.232	225	77871	54.117	ug/l	95
95) Naphthalene	15.360	128	409102	51.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	156971	53.594	ug/l	94

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Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

