

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031789.D
 Acq On : 09 Jul 2025 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 10 01:40:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	198052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	394285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	349764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	166538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	162239	57.081	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 114.160%			
35) Dibromofluoromethane	7.898	113	131649	51.168	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.340%			
50) Toluene-d8	10.331	98	486344	50.795	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.617	95	182161	51.699	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	58815	43.605	ug/l	97
3) Chloromethane	2.259	50	78767	48.439	ug/l	99
4) Vinyl Chloride	2.405	62	106796	49.967	ug/l	94
5) Bromomethane	2.832	94	79874	47.845	ug/l	95
6) Chloroethane	2.978	64	74601	51.384	ug/l	99
7) Trichlorofluoromethane	3.308	101	86857	44.747	ug/l	95
8) Diethyl Ether	3.722	74	83728	56.766	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.106	101	103661	48.114	ug/l	98
10) Methyl Iodide	4.313	142	170312	51.277	ug/l	100
11) Tert butyl alcohol	5.234	59	46243	262.614	ug/l	96
12) 1,1-Dichloroethene	4.082	96	115747	49.047	ug/l	98
13) Acrolein	3.935	56	41749	131.914	ug/l	99
14) Allyl chloride	4.710	41	197713	54.604	ug/l	97
15) Acrylonitrile	5.405	53	195733	269.855	ug/l	99
16) Acetone	4.167	43	160032	227.796	ug/l	99
17) Carbon Disulfide	4.423	76	305900	48.441	ug/l	98
18) Methyl Acetate	4.716	43	127568	63.536	ug/l	98
19) Methyl tert-butyl Ether	5.472	73	246696	61.590	ug/l	98
20) Methylene Chloride	4.960	84	268961	103.908	ug/l	99
21) trans-1,2-Dichloroethene	5.460	96	134021	53.447	ug/l	92
22) Diisopropyl ether	6.344	45	439080	62.177	ug/l	97
23) Vinyl Acetate	6.289	43	1356601	281.251	ug/l	98
24) 1,1-Dichloroethane	6.246	63	257561	56.257	ug/l	98
25) 2-Butanone	7.197	43	254577	278.543	ug/l	98
26) 2,2-Dichloropropane	7.185	77	120789	45.219	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	167865	58.238	ug/l	97
28) Bromochloromethane	7.532	49	119232	59.016	ug/l	97
29) Tetrahydrofuran	7.557	42	178877	285.789	ug/l	98
30) Chloroform	7.697	83	280108	57.578	ug/l	97
31) Cyclohexane	7.971	56	191748	47.380	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	195837	52.237	ug/l	99
36) 1,1-Dichloropropene	8.099	75	179545	48.225	ug/l	100
37) Ethyl Acetate	7.276	43	120884	51.471	ug/l	99
38) Carbon Tetrachloride	8.087	117	173371	45.697	ug/l	91
39) Methylcyclohexane	9.343	83	216566	46.753	ug/l	97
40) Benzene	8.337	78	572386	51.964	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	69229	55.025	ug/l	98
42) 1,2-Dichloroethane	8.416	62	195655	52.569	ug/l	99
43) Isopropyl Acetate	8.441	43	216900	53.576	ug/l	99
44) Trichloroethene	9.105	130	132958	48.361	ug/l	100
45) 1,2-Dichloropropane	9.380	63	139674	52.466	ug/l	98
46) Dibromomethane	9.471	93	90664	52.750	ug/l	97
47) Bromodichloromethane	9.654	83	214776	53.289	ug/l	97
48) Methyl methacrylate	9.447	41	107967	54.237	ug/l	98
49) 1,4-Dioxane	9.465	88	20140	1000.499	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	624223	268.194	ug/l	99
52) Toluene	10.392	92	361216	51.218	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	202615	53.580	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	225572	52.619	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	120415	53.484	ug/l	93
56) Ethyl methacrylate	10.648	69	180317	59.035	ug/l	99
57) 1,3-Dichloropropane	10.934	76	211353	53.469	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	482613	286.945	ug/l	98
59) 2-Hexanone	10.971	43	433733	274.999	ug/l	100
60) Dibromochloromethane	11.129	129	134480	49.950	ug/l	95
61) 1,2-Dibromoethane	11.239	107	119039	52.816	ug/l	99
64) Tetrachloroethene	10.867	164	123738	54.084	ug/l	98
65) Chlorobenzene	11.660	112	397193	51.470	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	129833	52.796	ug/l	96
67) Ethyl Benzene	11.733	91	689970	51.561	ug/l	99
68) m/p-Xylenes	11.836	106	519482	100.986	ug/l	96
69) o-Xylene	12.166	106	254112	53.353	ug/l	99
70) Styrene	12.178	104	449266	54.563	ug/l	99
71) Bromoform	12.355	173	76215	51.952	ug/l	98
73) Isopropylbenzene	12.464	105	639046	50.447	ug/l	100
74) N-amyl acetate	12.269	43	194642	57.006	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	148565	52.826	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	114254m	53.089	ug/l	
77) Bromobenzene	12.745	156	148487	52.555	ug/l	91
78) n-propylbenzene	12.800	91	747736	49.292	ug/l	100
79) 2-Chlorotoluene	12.891	91	477543	52.278	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	552546	52.695	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	44118	47.747	ug/l	97
82) 4-Chlorotoluene	12.989	91	504820	52.639	ug/l	97
83) tert-Butylbenzene	13.202	119	452401	50.367	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	563799	53.067	ug/l	98
85) sec-Butylbenzene	13.379	105	670065	49.702	ug/l	100
86) p-Isopropyltoluene	13.495	119	566709	51.005	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	287023	50.656	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	282314	48.679	ug/l	95
89) n-Butylbenzene	13.818	91	540986	50.113	ug/l	99
90) Hexachloroethane	14.092	117	97498	48.640	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	272176	52.556	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	27484	50.050	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	161239	50.484	ug/l	97
94) Hexachlorobutadiene	15.226	225	67324	43.654	ug/l	93
95) Naphthalene	15.360	128	433218	55.327	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	147053	50.109	ug/l	94

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

