

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031971.D
 Acq On : 01 Aug 2025 08:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 23:06:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/04/2025
 Supervised By :Semsettin Yesilyurt 08/04/2025

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	217356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	389384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	352859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	168273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	163285	49.660	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 99.320%			
35) Dibromofluoromethane	7.904	113	141994	53.665	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 107.340%			
50) Toluene-d8	10.325	98	525585	52.485	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 104.980%			
62) 4-Bromofluorobenzene	12.617	95	192848	50.153	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 100.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	92251	57.106	ug/l	99
3) Chloromethane	2.259	50	119494	57.631	ug/l	98
4) Vinyl Chloride	2.405	62	137124	50.910	ug/l	99
5) Bromomethane	2.826	94	109184	55.049	ug/l	93
6) Chloroethane	2.972	64	97210	54.684	ug/l	99
7) Trichlorofluoromethane	3.301	101	120885	44.312	ug/l	100
8) Diethyl Ether	3.716	74	94479	51.846	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.094	101	140125	53.402	ug/l	99
10) Methyl Iodide	4.307	142	201927	51.469	ug/l	99
11) Tert butyl alcohol	5.216	59	55767	288.537	ug/l	100
12) 1,1-Dichloroethene	4.076	96	157964	54.504	ug/l	95
13) Acrolein	3.923	56	18148	59.978	ug/l	95
14) Allyl chloride	4.697	41	225292	49.935	ug/l	99
15) Acrylonitrile	5.399	53	228118	279.999	ug/l	98
16) Acetone	4.155	43	218857	280.500	ug/l	96
17) Carbon Disulfide	4.417	76	416159	55.366	ug/l	100
18) Methyl Acetate	4.704	43	128723	59.882	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	264118	52.743	ug/l	99
20) Methylene Chloride	4.954	84	165975	49.711	ug/l	98
21) trans-1,2-Dichloroethene	5.453	96	165370	53.778	ug/l	94
22) Diisopropyl ether	6.337	45	474322	52.539	ug/l	98
23) Vinyl Acetate	6.283	43	1593764	270.216	ug/l	100
24) 1,1-Dichloroethane	6.234	63	300526	53.466	ug/l	99
25) 2-Butanone	7.191	43	299837	280.867	ug/l	96
26) 2,2-Dichloropropane	7.185	77	155538	48.877	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	193871	53.628	ug/l	100
28) Bromochloromethane	7.532	49	108992	46.312	ug/l	97
29) Tetrahydrofuran	7.551	42	198834	284.086	ug/l	99
30) Chloroform	7.685	83	321556	54.561	ug/l	97
31) Cyclohexane	7.971	56	248855	49.349	ug/l	100
32) 1,1,1-Trichloroethane	7.880	97	235576	52.529	ug/l	98
36) 1,1-Dichloropropene	8.093	75	223048	54.892	ug/l	99
37) Ethyl Acetate	7.270	43	127679	55.082	ug/l	98
38) Carbon Tetrachloride	8.075	117	218047	55.914	ug/l	97
39) Methylcyclohexane	9.343	83	275493	53.874	ug/l	96
40) Benzene	8.331	78	668793	55.601	ug/l	100

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41) Methacrylonitrile	7.496	41	75577	54.466	ug/l	95
42) 1,2-Dichloroethane	8.410	62	215940	56.094	ug/l	99
43) Isopropyl Acetate	8.435	43	235025	56.007	ug/l	99
44) Trichloroethene	9.099	130	156276	54.659	ug/l	98
45) 1,2-Dichloropropane	9.373	63	161580	55.778	ug/l	99
46) Dibromomethane	9.465	93	101513	56.530	ug/l	99
47) Bromodichloromethane	9.648	83	247561	57.492	ug/l	95
48) Methyl methacrylate	9.441	41	114501	57.353	ug/l	99
49) 1,4-Dioxane	9.459	88	27240	1520.227	ug/l	96
51) 4-Methyl-2-Pentanone	10.209	43	676661	294.645	ug/l	99
52) Toluene	10.392	92	441658	57.118	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	230434	55.788	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	264955	56.169	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	136947	57.413	ug/l	91
56) Ethyl methacrylate	10.648	69	196180	58.234	ug/l	99
57) 1,3-Dichloropropane	10.934	76	239932	57.096	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	434358	251.017	ug/l	99
59) 2-Hexanone	10.971	43	468449	293.457	ug/l	99
60) Dibromochloromethane	11.129	129	163216	58.688	ug/l	97
61) 1,2-Dibromoethane	11.233	107	132321	56.140	ug/l	99
64) Tetrachloroethene	10.861	164	120637	51.855	ug/l	93
65) Chlorobenzene	11.654	112	461052	53.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	154000	57.521	ug/l	96
67) Ethyl Benzene	11.727	91	835941	55.092	ug/l	98
68) m/p-Xylenes	11.836	106	629273	110.164	ug/l	99
69) o-Xylene	12.166	106	300812	55.646	ug/l	100
70) Styrene	12.178	104	524997	57.041	ug/l	98
71) Bromoform	12.349	173	88226	60.255	ug/l #	98
73) Isopropylbenzene	12.464	105	775034	53.083	ug/l	98
74) N-amyl acetate	12.269	43	214488	54.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	171707	55.405	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	123275m	53.061	ug/l	
77) Bromobenzene	12.745	156	174785	55.328	ug/l	93
78) n-propylbenzene	12.800	91	936246	52.211	ug/l	99
79) 2-Chlorotoluene	12.891	91	560072	52.311	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	645113	52.683	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	55549	55.201	ug/l	98
82) 4-Chlorotoluene	12.983	91	589037	52.442	ug/l	100
83) tert-Butylbenzene	13.202	119	561026	53.787	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	658001	53.090	ug/l	100
85) sec-Butylbenzene	13.379	105	803827	51.317	ug/l	97
86) p-Isopropyltoluene	13.495	119	685162	52.921	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	344427	52.377	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	337723	52.427	ug/l	99
89) n-Butylbenzene	13.818	91	663246	52.221	ug/l	99
90) Hexachloroethane	14.086	117	121255	54.161	ug/l	94
91) 1,2-Dichlorobenzene	13.860	146	304656	52.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30765	54.947	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	187220	53.269	ug/l	92
94) Hexachlorobutadiene	15.226	225	85665	51.438	ug/l	95
95) Naphthalene	15.360	128	476978	55.201	ug/l	98
96) 1,2,3-Trichlorobenzene	15.543	180	170625	53.582	ug/l	99

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

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