

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032021.D
 Acq On : 05 Aug 2025 18:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 06 03:58:19 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 08/06/2025
 Supervised By :Semsettin Yesilyurt 08/06/2025

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	217639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	410903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	370464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	175601	53.336	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 106.680%			
35) Dibromofluoromethane	7.898	113	145710	52.186	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 104.380%			
50) Toluene-d8	10.325	98	546663	51.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.617	95	209445	51.617	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 103.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	65191	40.302	ug/l	97
3) Chloromethane	2.253	50	92199	44.409	ug/l	100
4) Vinyl Chloride	2.405	62	119452	44.292	ug/l	98
5) Bromomethane	2.826	94	90518	45.579	ug/l	99
6) Chloroethane	2.966	64	81283	45.665	ug/l	98
7) Trichlorofluoromethane	3.308	101	107384	39.312	ug/l	96
8) Diethyl Ether	3.722	74	85543	46.881	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	116272	44.254	ug/l	99
10) Methyl Iodide	4.314	142	178089	45.334	ug/l	99
11) Tert butyl alcohol	5.240	59	51633	266.800	ug/l	98
12) 1,1-Dichloroethene	4.082	96	128655	44.333	ug/l	99
13) Acrolein	3.936	56	14352	45.337	ug/l	97
14) Allyl chloride	4.704	41	204718	45.316	ug/l	99
15) Acrylonitrile	5.405	53	209336	256.612	ug/l	100
16) Acetone	4.167	43	163893	209.782	ug/l	97
17) Carbon Disulfide	4.423	76	339828	45.152	ug/l	99
18) Methyl Acetate	4.716	43	133649	62.093	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	264605	52.771	ug/l	99
20) Methylene Chloride	4.960	84	152433	45.171	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	143368	46.562	ug/l	91
22) Diisopropyl ether	6.344	45	439293	48.596	ug/l	98
23) Vinyl Acetate	6.283	43	1400522	237.144	ug/l	99
24) 1,1-Dichloroethane	6.246	63	264705	47.032	ug/l	99
25) 2-Butanone	7.197	43	265877	248.732	ug/l	94
26) 2,2-Dichloropropane	7.185	77	134746	42.288	ug/l	96
27) cis-1,2-Dichloroethene	7.191	96	173536	47.940	ug/l	99
28) Bromochloromethane	7.532	49	119399	50.668	ug/l	96
29) Tetrahydrofuran	7.557	42	188060	268.343	ug/l	99
30) Chloroform	7.697	83	277930	47.097	ug/l	100
31) Cyclohexane	7.971	56	216299	42.837	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	204934	45.637	ug/l	98
36) 1,1-Dichloropropene	8.099	75	189032	44.085	ug/l	99
37) Ethyl Acetate	7.276	43	119920	49.025	ug/l	100
38) Carbon Tetrachloride	8.081	117	181586	44.126	ug/l	98
39) Methylcyclohexane	9.343	83	243664	45.154	ug/l	98
40) Benzene	8.331	78	603141	47.517	ug/l	98

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41) Methacrylonitrile	7.502	41	73823	50.416	ug/l	96
42) 1,2-Dichloroethane	8.410	62	191225	47.072	ug/l	99
43) Isopropyl Acetate	8.435	43	222237	50.186	ug/l	100
44) Trichloroethene	9.099	130	142990	47.393	ug/l	97
45) 1,2-Dichloropropane	9.374	63	144792	47.365	ug/l	98
46) Dibromomethane	9.465	93	91601	48.339	ug/l	98
47) Bromodichloromethane	9.654	83	215372	47.397	ug/l	98
48) Methyl methacrylate	9.441	41	110042	52.233	ug/l	99
49) 1,4-Dioxane	9.471	88	22785	1205.006	ug/l #	88
51) 4-Methyl-2-Pentanone	10.215	43	633871	261.558	ug/l	99
52) Toluene	10.392	92	376628	46.157	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	205849	47.226	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	233749	46.959	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	125206	49.742	ug/l	93
56) Ethyl methacrylate	10.648	69	184350	51.857	ug/l	98
57) 1,3-Dichloropropane	10.934	76	222791	50.240	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	231035	126.524	ug/l	100
59) 2-Hexanone	10.971	43	440614	261.565	ug/l	99
60) Dibromochloromethane	11.129	129	144058	49.086	ug/l	99
61) 1,2-Dibromoethane	11.239	107	123381	49.606	ug/l	100
64) Tetrachloroethene	10.867	164	119334	48.857	ug/l	92
65) Chlorobenzene	11.654	112	419681	46.287	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	127881	45.496	ug/l	99
67) Ethyl Benzene	11.727	91	730696	45.868	ug/l	98
68) m/p-Xylenes	11.837	106	560554	93.470	ug/l	98
69) o-Xylene	12.166	106	264639	46.628	ug/l	99
70) Styrene	12.178	104	470881	48.730	ug/l	99
71) Bromoform	12.349	173	72956	47.458	ug/l #	97
73) Isopropylbenzene	12.458	105	657643	43.338	ug/l	99
74) N-amyl acetate	12.269	43	198195	48.312	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	154588	47.994	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	114285m	47.330	ug/l	
77) Bromobenzene	12.745	156	151363	46.101	ug/l	94
78) n-propylbenzene	12.800	91	807093	43.305	ug/l	99
79) 2-Chlorotoluene	12.885	91	499683	44.905	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	564113	44.325	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	48643	46.509	ug/l	99
82) 4-Chlorotoluene	12.983	91	500917	42.909	ug/l	98
83) tert-Butylbenzene	13.202	119	479871	44.266	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	569184	44.186	ug/l	99
85) sec-Butylbenzene	13.379	105	701720	43.103	ug/l	100
86) p-Isopropyltoluene	13.495	119	591025	43.922	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	291114	42.595	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	294924	44.050	ug/l	96
89) n-Butylbenzene	13.818	91	566893	42.946	ug/l	99
90) Hexachloroethane	14.086	117	100512	43.197	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	267724	44.201	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	27444	47.161	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	173311	47.446	ug/l	88
94) Hexachlorobutadiene	15.226	225	73011	42.181	ug/l	95
95) Naphthalene	15.354	128	448015	49.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	152078	45.950	ug/l	92

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

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