

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019226.D
 Acq On : 31 Oct 2025 13:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 01 05:20:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 31 04:36:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.612	168	118385	50.000	ug/l	0.06
34) 1,4-Difluorobenzene	8.605	114	217274	50.000	ug/l	0.06
63) Chlorobenzene-d5	11.778	117	181085	50.000	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.987	152	88433	50.000	ug/l	0.06
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.000	65	108819	57.146	ug/l	0.07
Spiked Amount 50.000			Recovery	=	114.300%	
35) Dibromofluoromethane	7.530	113	73389	53.405	ug/l	0.07
Spiked Amount 50.000			Recovery	=	106.820%	
50) Toluene-d8	10.280	98	264717	47.436	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.880%	
62) 4-Bromofluorobenzene	12.912	95	85506	48.740	ug/l	0.05
Spiked Amount 50.000			Recovery	=	97.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.890	85	23130	33.176	ug/l	100
3) Chloromethane	2.131	50	50047m	46.578	ug/l	
4) Vinyl Chloride	2.219	62	51860	37.732	ug/l	96
5) Bromomethane	2.554	94	43815	59.182	ug/l	97
6) Chloroethane	2.695	64	58128	46.612	ug/l	96
7) Trichlorofluoromethane	3.006	101	105404	41.421	ug/l	100
8) Diethyl Ether	3.382	74	70667	57.901	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.711	101	52883	42.834	ug/l	93
10) Methyl Iodide	3.899	142	55042	55.066	ug/l	98
11) Tert butyl alcohol	4.716	59	138072	341.124	ug/l	100
12) 1,1-Dichloroethene	3.688	96	54799	48.039	ug/l	96
13) Acrolein	3.570	56	18406	266.569	ug/l	94
14) Allyl chloride	4.252	41	118362	52.611	ug/l	92
15) Acrylonitrile	4.886	53	309846	313.891	ug/l	100
16) Acetone	3.770	43	315607	279.464	ug/l	100
17) Carbon Disulfide	3.993	76	67020	43.225	ug/l	100
18) Methyl Acetate	4.258	43	231640	69.129	ug/l	95
19) Methyl tert-butyl Ether	4.951	73	310074	60.178	ug/l	98
20) Methylene Chloride	4.469	84	71549	56.201	ug/l	94
21) trans-1,2-Dichloroethene	4.945	96	48280	49.698	ug/l	90
22) Diisopropyl ether	5.850	45	311500	58.323	ug/l	95
23) Vinyl Acetate	5.791	43	1113390	291.789	ug/l	99
24) 1,1-Dichloroethane	5.738	63	135055	54.053	ug/l	100
25) 2-Butanone	6.743	43	420980	289.039	ug/l	94
26) 2,2-Dichloropropane	6.731	77	92792	43.040	ug/l	98
27) cis-1,2-Dichloroethene	6.731	96	76555	56.155	ug/l	99
28) Bromochloromethane	7.119	49	79881	59.822	ug/l #	100
29) Tetrahydrofuran	7.137	42	268878	317.288	ug/l	90
30) Chloroform	7.301	83	130522	55.797	ug/l	100
31) Cyclohexane	7.601	56	69820	37.579	ug/l	93
32) 1,1,1-Trichloroethane	7.513	97	90284	48.486	ug/l	98
36) 1,1-Dichloropropene	7.742	75	65188	42.174	ug/l	99
37) Ethyl Acetate	6.843	43	149231	56.713	ug/l #	95
38) Carbon Tetrachloride	7.724	117	60839	43.288	ug/l	95
39) Methylcyclohexane	9.152	83	63566	37.219	ug/l	96
40) Benzene	8.012	78	257804	49.271	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.090	41	75074	56.711	ug/l	95
42) 1,2-Dichloroethane	8.106	62	99837	54.298	ug/l	99
43) Isopropyl Acetate	8.147	43	236463	56.514	ug/l #	90
44) Trichloroethene	8.882	130	46252	45.221	ug/l	97
45) 1,2-Dichloropropane	9.193	63	69097	51.901	ug/l	99
46) Dibromomethane	9.293	93	44279	55.262	ug/l	95
47) Bromodichloromethane	9.510	83	97119	53.763	ug/l	99
48) Methyl methacrylate	9.281	41	108500	57.732	ug/l	92
49) 1,4-Dioxane	9.287	88	41615	1178.928	ug/l	96
51) 4-Methyl-2-Pentanone	10.162	43	747068	296.462	ug/l	97
52) Toluene	10.356	92	146179	48.892	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	106067	54.249	ug/l	95
54) cis-1,3-Dichloropropene	9.998	75	107593	53.142	ug/l	93
55) 1,1,2-Trichloroethane	10.821	97	67579	57.308	ug/l	100
56) Ethyl methacrylate	10.662	69	131919	58.213	ug/l	92
57) 1,3-Dichloropropane	10.979	76	117847	56.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.839	63	172666	283.118	ug/l	98
59) 2-Hexanone	11.032	43	532222	278.796	ug/l	94
60) Dibromochloromethane	11.202	129	67349	56.648	ug/l	98
61) 1,2-Dibromoethane	11.320	107	61728	56.216	ug/l	99
64) Tetrachloroethene	10.891	164	37508	45.569	ug/l	98
65) Chlorobenzene	11.808	112	156077	48.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.896	131	56131	50.443	ug/l	98
67) Ethyl Benzene	11.896	91	267927	44.090	ug/l	98
68) m/p-Xylenes	12.019	106	201552	89.794	ug/l	98
69) o-Xylene	12.395	106	104351	46.770	ug/l	99
70) Styrene	12.413	104	190482	47.411	ug/l	98
71) Bromoform	12.601	173	48500	56.999	ug/l #	97
73) Isopropylbenzene	12.736	105	261869	43.015	ug/l	97
74) N-amyl acetate	12.524	43	166614	54.256	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.024	83	113018	54.179	ug/l	97
76) 1,2,3-Trichloropropane	13.083	75	80346m	44.151	ug/l	
77) Bromobenzene	13.053	156	62909	48.702	ug/l	84
78) n-propylbenzene	13.124	91	299880	41.461	ug/l	98
79) 2-Chlorotoluene	13.224	91	187211	45.180	ug/l	97
80) 1,3,5-Trimethylbenzene	13.282	105	213624	43.687	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.795	75	42155m	54.352	ug/l	
82) 4-Chlorotoluene	13.335	91	192051	45.546	ug/l	99
83) tert-Butylbenzene	13.582	119	189552	41.881	ug/l	99
84) 1,2,4-Trimethylbenzene	13.635	105	218403	43.978	ug/l	99
85) sec-Butylbenzene	13.788	105	275500	41.500	ug/l	96
86) p-Isopropyltoluene	13.917	119	229463	41.399	ug/l	98
87) 1,3-Dichlorobenzene	13.917	146	121975	46.025	ug/l	98
88) 1,4-Dichlorobenzene	14.011	146	123072m	46.101	ug/l	
89) n-Butylbenzene	14.287	91	210678	41.150	ug/l	97
90) Hexachloroethane	14.599	117	37527	43.885	ug/l	94
91) 1,2-Dichlorobenzene	14.346	146	124833	48.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.045	75	25411	56.485	ug/l	94
93) 1,2,4-Trichlorobenzene	15.838	180	78737	47.153	ug/l	99
94) Hexachlorobutadiene	15.962	225	27373	39.745	ug/l	98
95) Naphthalene	16.132	128	304965	52.159	ug/l	99
96) 1,2,3-Trichlorobenzene	16.367	180	79583	48.307	ug/l	99

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

