

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019222.D
 Acq On : 31 Oct 2025 12:00
 Operator : SY/MD
 Sample : VT1031WBS01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1031WBS01

Quant Time: Nov 01 05:19:06 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	128911	50.000	ug/l	0.06
34) 1,4-Difluorobenzene	8.605	114	235067	50.000	ug/l	0.06
63) Chlorobenzene-d5	11.778	117	197748	50.000	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.987	152	98475	50.000	ug/l	0.06
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.000	65	109730	52.919	ug/l	0.06
Spiked Amount	50.000		Recovery	=	105.840%	
35) Dibromofluoromethane	7.530	113	74234	49.931	ug/l	0.06
Spiked Amount	50.000		Recovery	=	99.860%	
50) Toluene-d8	10.280	98	288319	47.755	ug/l	0.05
Spiked Amount	50.000		Recovery	=	95.500%	
62) 4-Bromofluorobenzene	12.912	95	94882	49.990	ug/l	0.05
Spiked Amount	50.000		Recovery	=	99.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.901	85	12151	16.006	ug/l	90
3) Chloromethane	2.130	50	23857m	20.390	ug/l	
4) Vinyl Chloride	2.218	62	26332	17.594	ug/l	98
5) Bromomethane	2.565	94	23681	29.375	ug/l	89
6) Chloroethane	2.706	64	25898	19.072	ug/l	100
7) Trichlorofluoromethane	3.012	101	47528	17.152	ug/l	100
8) Diethyl Ether	3.388	74	27885	20.982	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.717	101	22948	17.069	ug/l	93
10) Methyl Iodide	3.899	142	20182	18.542	ug/l	98
11) Tert butyl alcohol	4.704	59	54216	123.010	ug/l	99
12) 1,1-Dichloroethene	3.693	96	21985	17.699	ug/l	98
13) Acrolein	3.570	56	7094	94.351	ug/l	94
14) Allyl chloride	4.257	41	51666	21.090	ug/l	92
15) Acrylonitrile	4.886	53	126053	117.272	ug/l	98
16) Acetone	3.775	43	152622	118.511	ug/l	99
17) Carbon Disulfide	3.993	76	30421	18.018	ug/l	98
18) Methyl Acetate	4.257	43	92712	25.409	ug/l	97
19) Methyl tert-butyl Ether	4.950	73	130866	23.324	ug/l	96
20) Methylene Chloride	4.469	84	29939	21.597	ug/l	93
21) trans-1,2-Dichloroethene	4.945	96	21242	20.081	ug/l	96
22) Diisopropyl ether	5.844	45	129834	22.324	ug/l	98
23) Vinyl Acetate	5.785	43	458615	110.376	ug/l	100
24) 1,1-Dichloroethane	5.738	63	57859	21.266	ug/l	99
25) 2-Butanone	6.737	43	180579	113.859	ug/l	94
26) 2,2-Dichloropropane	6.725	77	47439	20.207	ug/l	100
27) cis-1,2-Dichloroethene	6.731	96	32848	22.127	ug/l	99
28) Bromochloromethane	7.119	49	31324	21.543	ug/l #	99
29) Tetrahydrofuran	7.136	42	105587	114.424	ug/l	91
30) Chloroform	7.301	83	55647	21.846	ug/l	99
31) Cyclohexane	7.600	56	35585	17.589	ug/l	84
32) 1,1,1-Trichloroethane	7.512	97	41695	20.563	ug/l	97
36) 1,1-Dichloropropene	7.741	75	30347	18.147	ug/l	98
37) Ethyl Acetate	6.842	43	62276	21.876	ug/l	96
38) Carbon Tetrachloride	7.724	117	27285	17.944	ug/l	93
39) Methylcyclohexane	9.152	83	29826	16.142	ug/l	90
40) Benzene	8.012	78	113420	20.036	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	36058	25.176	ug/l	93
42) 1,2-Dichloroethane	8.100	62	42158	21.193	ug/l	98
43) Isopropyl Acetate	8.147	43	99499	21.980	ug/l #	92
44) Trichloroethene	8.875	130	21437	19.373	ug/l	96
45) 1,2-Dichloropropane	9.193	63	29825	20.707	ug/l	96
46) Dibromomethane	9.293	93	18270	21.076	ug/l	93
47) Bromodichloromethane	9.510	83	42347	21.668	ug/l	95
48) Methyl methacrylate	9.287	41	43835	21.559	ug/l	91
49) 1,4-Dioxane	9.287	88	17313	453.342	ug/l	92
51) 4-Methyl-2-Pentanone	10.162	43	297423	109.094	ug/l	97
52) Toluene	10.356	92	66475	20.551	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	45488	21.504	ug/l	98
54) cis-1,3-Dichloropropene	9.998	75	46844	21.386	ug/l	94
55) 1,1,2-Trichloroethane	10.814	97	29657	23.246	ug/l	97
56) Ethyl methacrylate	10.662	69	55758	22.742	ug/l	91
57) 1,3-Dichloropropane	10.979	76	50602	22.348	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.833	63	64413	97.622	ug/l	98
59) 2-Hexanone	11.026	43	222017	107.497	ug/l	95
60) Dibromochloromethane	11.202	129	28072	21.824	ug/l	99
61) 1,2-Dibromoethane	11.320	107	26935	22.673	ug/l	97
64) Tetrachloroethene	10.891	164	16452	18.304	ug/l	97
65) Chlorobenzene	11.807	112	70053	19.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.895	131	24606	20.249	ug/l	96
67) Ethyl Benzene	11.895	91	124950	18.829	ug/l	97
68) m/p-Xylenes	12.019	106	92504	37.739	ug/l	99
69) o-Xylene	12.395	106	47033	19.304	ug/l	98
70) Styrene	12.412	104	85941	19.588	ug/l	97
71) Bromoform	12.601	173	20132	21.666	ug/l #	98
73) Isopropylbenzene	12.736	105	120689	17.803	ug/l	97
74) N-amyl acetate	12.524	43	70466	20.606	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.024	83	48739	20.982	ug/l	99
76) 1,2,3-Trichloropropane	13.082	75	41473m	20.466	ug/l	
77) Bromobenzene	13.059	156	29634	20.602	ug/l	93
78) n-propylbenzene	13.123	91	141868	17.614	ug/l	97
79) 2-Chlorotoluene	13.223	91	87963	19.063	ug/l	96
80) 1,3,5-Trimethylbenzene	13.282	105	99587	18.289	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.794	75	17485m	20.245	ug/l	
82) 4-Chlorotoluene	13.335	91	90073	19.183	ug/l	98
83) tert-Butylbenzene	13.582	119	91198	18.095	ug/l	96
84) 1,2,4-Trimethylbenzene	13.635	105	101644	18.380	ug/l	99
85) sec-Butylbenzene	13.787	105	128866	17.432	ug/l	96
86) p-Isopropyltoluene	13.917	119	107777	17.462	ug/l	97
87) 1,3-Dichlorobenzene	13.917	146	56826	19.256	ug/l	98
88) 1,4-Dichlorobenzene	14.011	146	58386m	19.640	ug/l	
89) n-Butylbenzene	14.287	91	95878	16.818	ug/l	98
90) Hexachloroethane	14.598	117	17030	17.885	ug/l	96
91) 1,2-Dichlorobenzene	14.346	146	58724	20.312	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	15.045	75	10183	20.327	ug/l	97
93) 1,2,4-Trichlorobenzene	15.838	180	35012	18.830	ug/l	98
94) Hexachlorobutadiene	15.955	225	12361	16.118	ug/l	98
95) Naphthalene	16.132	128	129409	19.876	ug/l	99
96) 1,2,3-Trichlorobenzene	16.373	180	35293	19.238	ug/l	97

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

