

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019223.D
 Acq On : 31 Oct 2025 12:23
 Operator : SY/MD
 Sample : VT1031WBSD01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1031WBSD01

Quant Time: Nov 01 05:20:00 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	7.618	168	140519	50.000	ug/l	0.07
34) 1,4-Difluorobenzene	8.605	114	249167	50.000	ug/l	0.06
63) Chlorobenzene-d5	11.778	117	204647	50.000	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.981	152	99337	50.000	ug/l	0.05
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.000	65	110018	48.675	ug/l	0.07
Spiked Amount 50.000			Recovery	=	97.360%	
35) Dibromofluoromethane	7.536	113	76251	48.385	ug/l	0.07
Spiked Amount 50.000			Recovery	=	96.780%	
50) Toluene-d8	10.280	98	301522	47.116	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.240%	
62) 4-Bromofluorobenzene	12.912	95	94720	47.081	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.895	85	15536	18.774	ug/l	91
3) Chloromethane	2.130	50	25961m	20.356	ug/l	
4) Vinyl Chloride	2.219	62	30192	18.507	ug/l	95
5) Bromomethane	2.565	94	24739	28.152	ug/l	100
6) Chloroethane	2.706	64	28924	19.540	ug/l	98
7) Trichlorofluoromethane	3.012	101	53593	17.743	ug/l	97
8) Diethyl Ether	3.394	74	29484	20.352	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.711	101	29684	20.256	ug/l	91
10) Methyl Iodide	3.899	142	23072	19.446	ug/l	99
11) Tert butyl alcohol	4.710	59	60353	125.622	ug/l	99
12) 1,1-Dichloroethene	3.699	96	27966	20.654	ug/l	98
13) Acrolein	3.576	56	7321	89.327	ug/l	98
14) Allyl chloride	4.257	41	55741	20.874	ug/l	90
15) Acrylonitrile	4.892	53	131749	112.446	ug/l	100
16) Acetone	3.776	43	160176	113.728	ug/l	100
17) Carbon Disulfide	3.999	76	34182	18.573	ug/l	99
18) Methyl Acetate	4.263	43	103311	25.975	ug/l	98
19) Methyl tert-butyl Ether	4.957	73	131836	21.556	ug/l	98
20) Methylene Chloride	4.475	84	32281	21.362	ug/l	93
21) trans-1,2-Dichloroethene	4.945	96	23120	20.050	ug/l	97
22) Diisopropyl ether	5.844	45	131893	20.805	ug/l	93
23) Vinyl Acetate	5.791	43	466899	103.088	ug/l	100
24) 1,1-Dichloroethane	5.738	63	62019	20.912	ug/l	97
25) 2-Butanone	6.743	43	190737	110.329	ug/l	96
26) 2,2-Dichloropropane	6.725	77	52159	20.382	ug/l	100
27) cis-1,2-Dichloroethene	6.731	96	34311	21.204	ug/l	99
28) Bromochloromethane	7.119	49	32106	20.256	ug/l #	98
29) Tetrahydrofuran	7.136	42	112087	111.433	ug/l	91
30) Chloroform	7.301	83	59050	21.267	ug/l	99
31) Cyclohexane	7.601	56	40206	18.231	ug/l	94
32) 1,1,1-Trichloroethane	7.512	97	44970	20.347	ug/l	98
36) 1,1-Dichloropropene	7.747	75	33423	18.855	ug/l	99
37) Ethyl Acetate	6.843	43	64349	21.325	ug/l #	96
38) Carbon Tetrachloride	7.730	117	29612	18.373	ug/l	95
39) Methylcyclohexane	9.152	83	34490	17.610	ug/l	90
40) Benzene	8.012	78	118807	19.800	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.089	41	29974	19.744	ug/l #	88
42) 1,2-Dichloroethane	8.106	62	43708	20.729	ug/l	97
43) Isopropyl Acetate	8.147	43	101414	21.135	ug/l #	90
44) Trichloroethene	8.881	130	22891	19.516	ug/l	95
45) 1,2-Dichloropropane	9.193	63	31319	20.513	ug/l	97
46) Dibromomethane	9.299	93	19036	20.717	ug/l	94
47) Bromodichloromethane	9.510	83	42835	20.677	ug/l	98
48) Methyl methacrylate	9.287	41	45988	21.338	ug/l	92
49) 1,4-Dioxane	9.287	88	17061	421.463	ug/l	97
51) 4-Methyl-2-Pentanone	10.162	43	306385	106.021	ug/l	96
52) Toluene	10.356	92	68625	20.015	ug/l	97
53) t-1,3-Dichloropropene	10.609	75	46411	20.699	ug/l	94
54) cis-1,3-Dichloropropene	9.998	75	48551	20.911	ug/l	91
55) 1,1,2-Trichloroethane	10.820	97	29924	22.128	ug/l	99
56) Ethyl methacrylate	10.662	69	54701	21.049	ug/l	93
57) 1,3-Dichloropropane	10.979	76	51028	21.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.833	63	67050	95.869	ug/l	96
59) 2-Hexanone	11.026	43	228518	104.383	ug/l	93
60) Dibromochloromethane	11.208	129	29342	21.521	ug/l	100
61) 1,2-Dibromoethane	11.320	107	26707	21.209	ug/l	98
64) Tetrachloroethene	10.891	164	17961	19.309	ug/l	95
65) Chlorobenzene	11.807	112	73231	19.937	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.890	131	24774	19.700	ug/l	96
67) Ethyl Benzene	11.896	91	131820	19.195	ug/l	95
68) m/p-Xylenes	12.019	106	98285	38.746	ug/l	99
69) o-Xylene	12.395	106	49643	19.688	ug/l	97
70) Styrene	12.413	104	89356	19.680	ug/l	97
71) Bromoform	12.607	173	20078	20.880	ug/l #	99
73) Isopropylbenzene	12.736	105	131889	19.286	ug/l	98
74) N-amyl acetate	12.524	43	69005	20.004	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.024	83	49778	21.244	ug/l	97
76) 1,2,3-Trichloropropane	13.088	75	41447m	20.276	ug/l	
77) Bromobenzene	13.053	156	28527	19.660	ug/l	87
78) n-propylbenzene	13.124	91	155787	19.175	ug/l	97
79) 2-Chlorotoluene	13.224	91	92277	19.825	ug/l	96
80) 1,3,5-Trimethylbenzene	13.282	105	107019	19.483	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.795	75	17796m	20.427	ug/l	
82) 4-Chlorotoluene	13.335	91	93677	19.777	ug/l	99
83) tert-Butylbenzene	13.582	119	103084	20.276	ug/l	94
84) 1,2,4-Trimethylbenzene	13.635	105	109306	19.594	ug/l	99
85) sec-Butylbenzene	13.788	105	143652	19.264	ug/l	95
86) p-Isopropyltoluene	13.917	119	118390	19.015	ug/l	99
87) 1,3-Dichlorobenzene	13.917	146	58294	19.582	ug/l	100
88) 1,4-Dichlorobenzene	14.005	146	59813m	19.946	ug/l	
89) n-Butylbenzene	14.287	91	110651	19.240	ug/l	96
90) Hexachloroethane	14.604	117	18395	19.150	ug/l	93
91) 1,2-Dichlorobenzene	14.340	146	59072	20.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.045	75	10594	20.964	ug/l	97
93) 1,2,4-Trichlorobenzene	15.844	180	37218	19.842	ug/l	97
94) Hexachlorobutadiene	15.962	225	14674	18.968	ug/l	100
95) Naphthalene	16.132	128	141493	21.544	ug/l	99
96) 1,2,3-Trichlorobenzene	16.367	180	37931	20.497	ug/l	99

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

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