

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019225.D
 Acq On : 31 Oct 2025 13:17
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL07

Quant Time: Nov 01 05:23:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 01 05:22:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.612	168	129530	50.000	ug/l	0.06
34) 1,4-Difluorobenzene	8.605	114	227463	50.000	ug/l	0.06
63) Chlorobenzene-d5	11.778	117	182576	50.000	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.987	152	86975	50.000	ug/l	0.06
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.000	65	99925	47.961	ug/l	0.07
Spiked Amount 50.000			Recovery	=	95.920%	
35) Dibromofluoromethane	7.530	113	67878	47.182	ug/l	0.07
Spiked Amount 50.000			Recovery	=	94.360%	
50) Toluene-d8	10.286	98	272467	46.638	ug/l	0.06
Spiked Amount 50.000			Recovery	=	93.280%	
62) 4-Bromofluorobenzene	12.912	95	85385	46.490	ug/l	0.05
Spiked Amount 50.000			Recovery	=	92.980%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.896	85	1737	2.277	ug/l	94
3) Chloromethane	2.119	50	3474m	2.955	ug/l	
4) Vinyl Chloride	2.219	62	3776	2.511	ug/l	97
5) Bromomethane	2.559	94	3586	4.427	ug/l	89
6) Chloroethane	2.712	64	3055	2.239	ug/l #	86
7) Trichlorofluoromethane	3.012	101	6821	2.450	ug/l	99
8) Diethyl Ether	3.388	74	3689	2.763	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.705	101	4135	3.061	ug/l #	17
10) Methyl Iodide	3.905	142	1771	1.619	ug/l #	92
11) Tert butyl alcohol	4.704	59	7474	16.877	ug/l #	93
12) 1,1-Dichloroethene	3.693	96	3701	2.965	ug/l #	93
13) Acrolein	3.582	56	1299	17.194	ug/l	88
14) Allyl chloride	4.257	41	5568m	2.262	ug/l	
15) Acrylonitrile	4.880	53	14808	13.711	ug/l	95
16) Acetone	3.776	43	32622	22.962	ug/l	95
17) Carbon Disulfide	3.999	76	5117	3.016	ug/l #	75
18) Methyl Acetate	4.257	43	7242	1.975	ug/l	97
19) Methyl tert-butyl Ether	4.957	73	15386	2.729	ug/l	93
20) Methylene Chloride	4.475	84	4260	3.058	ug/l #	81
21) trans-1,2-Dichloroethene	4.945	96	2787	2.622	ug/l #	72
22) Diisopropyl ether	5.856	45	15188	2.599	ug/l #	94
23) Vinyl Acetate	5.785	43	60907	14.589	ug/l	99
24) 1,1-Dichloroethane	5.744	63	7448	2.724	ug/l #	84
25) 2-Butanone	6.749	43	26924	16.895	ug/l	91
26) 2,2-Dichloropropane	6.719	77	6025	2.554	ug/l	90
27) cis-1,2-Dichloroethene	6.731	96	3931	2.635	ug/l	88
28) Bromochloromethane	7.125	49	57	0.039	ug/l #	20
29) Tetrahydrofuran	7.137	42	12747	13.748	ug/l #	89
30) Chloroform	7.301	83	6884	2.690	ug/l	91
31) Cyclohexane	7.601	56	8273	4.070	ug/l #	68
32) 1,1,1-Trichloroethane	7.513	97	5251	2.577	ug/l	94
36) 1,1-Dichloropropene	7.748	75	3988	2.464	ug/l	96
37) Ethyl Acetate	6.837	43	8164	2.964	ug/l #	89
38) Carbon Tetrachloride	7.736	117	3575	2.430	ug/l #	79
39) Methylcyclohexane	9.152	83	4572	2.557	ug/l	95
40) Benzene	8.012	78	14008	2.557	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	3905	2.818	ug/l	97
42) 1,2-Dichloroethane	8.112	62	5288	2.747	ug/l	97
43) Isopropyl Acetate	8.153	43	11818	2.698	ug/l	98
44) Trichloroethene	8.882	130	2964	2.768	ug/l	93
45) 1,2-Dichloropropane	9.193	63	3577	2.566	ug/l	97
46) Dibromomethane	9.293	93	2330	2.778	ug/l	83
47) Bromodichloromethane	9.504	83	4446	2.351	ug/l #	99
48) Methyl methacrylate	9.281	41	5125	2.605	ug/l	90
49) 1,4-Dioxane	9.287	88	2158	58.396	ug/l	94
51) 4-Methyl-2-Pentanone	10.162	43	35059	13.289	ug/l	97
52) Toluene	10.356	92	8156	2.606	ug/l	92
53) t-1,3-Dichloropropene	10.609	75	5731	2.800	ug/l	96
54) cis-1,3-Dichloropropene	10.004	75	5463	2.577	ug/l	92
55) 1,1,2-Trichloroethane	10.809	97	3568	2.890	ug/l #	84
56) Ethyl methacrylate	10.662	69	5902	2.488	ug/l	97
57) 1,3-Dichloropropane	10.979	76	6136	2.801	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.833	63	9657	15.125	ug/l	92
59) 2-Hexanone	11.032	43	29607	14.814	ug/l	97
60) Dibromochloromethane	11.202	129	3259	2.618	ug/l	99
61) 1,2-Dibromoethane	11.326	107	3068	2.669	ug/l	99
64) Tetrachloroethene	10.897	164	2054	2.475	ug/l	95
65) Chlorobenzene	11.813	112	9072	2.768	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	11.896	131	2916	2.599	ug/l	97
67) Ethyl Benzene	11.896	91	15884	2.593	ug/l	97
68) m/p-Xylenes	12.013	106	12162	5.374	ug/l	95
69) o-Xylene	12.395	106	5669	2.520	ug/l	94
70) Styrene	12.413	104	10142	2.504	ug/l	96
71) Bromoform	12.601	173	2294	2.674	ug/l #	93
73) Isopropylbenzene	12.736	105	15400	2.572	ug/l	97
74) N-amyl acetate	12.519	43	8534	2.826	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.030	83	5867	2.860	ug/l	89
76) 1,2,3-Trichloropropane	13.088	75	4453m	2.488	ug/l	
77) Bromobenzene	13.053	156	3563	2.805	ug/l	96
78) n-propylbenzene	13.124	91	19043	2.677	ug/l	98
79) 2-Chlorotoluene	13.224	91	11308	2.775	ug/l	95
80) 1,3,5-Trimethylbenzene	13.288	105	13081	2.720	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.789	75	1850	2.425	ug/l #	91
82) 4-Chlorotoluene	13.335	91	11467	2.765	ug/l	100
83) tert-Butylbenzene	13.582	119	12319	2.767	ug/l	97
84) 1,2,4-Trimethylbenzene	13.629	105	12610	2.582	ug/l	96
85) sec-Butylbenzene	13.782	105	17075	2.615	ug/l	94
86) p-Isopropyltoluene	13.911	119	13808	2.533	ug/l	99
87) 1,3-Dichlorobenzene	13.917	146	7037	2.700	ug/l	95
88) 1,4-Dichlorobenzene	14.005	146	7938m	3.023	ug/l	
89) n-Butylbenzene	14.287	91	13497	2.680	ug/l	93
90) Hexachloroethane	14.593	117	1797	2.137	ug/l	100
91) 1,2-Dichlorobenzene	14.340	146	7363	2.884	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	15.051	75	993	2.244	ug/l	95
93) 1,2,4-Trichlorobenzene	15.832	180	4605	2.804	ug/l	98
94) Hexachlorobutadiene	15.962	225	1692	2.498	ug/l	97
95) Naphthalene	16.138	128	18402	3.200	ug/l #	92
96) 1,2,3-Trichlorobenzene	16.367	180	4881	3.012	ug/l	96

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

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