

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019219.D
 Acq On : 31 Oct 2025 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 05:17:32 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	150464	50.000	ug/l	0.06
34) 1,4-Difluorobenzene	8.605	114	251853	50.000	ug/l	0.06
63) Chlorobenzene-d5	11.778	117	202515	50.000	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.987	152	99927	50.000	ug/l	0.06
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.000	65	112146	46.337	ug/l	0.07
Spiked Amount	50.000		Recovery	=	92.680%	
35) Dibromofluoromethane	7.530	113	78878	49.519	ug/l	0.06
Spiked Amount	50.000		Recovery	=	99.040%	
50) Toluene-d8	10.280	98	305536	47.234	ug/l	0.05
Spiked Amount	50.000		Recovery	=	94.460%	
62) 4-Bromofluorobenzene	12.912	95	97981	48.182	ug/l	0.05
Spiked Amount	50.000		Recovery	=	96.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.895	85	45629	51.494	ug/l	94
3) Chloromethane	2.130	50	61511	45.042	ug/l	97
4) Vinyl Chloride	2.218	62	82873	47.441	ug/l	94
5) Bromomethane	2.553	94	57184	60.772	ug/l	100
6) Chloroethane	2.700	64	67973	42.886	ug/l	99
7) Trichlorofluoromethane	3.012	101	155600	48.110	ug/l	98
8) Diethyl Ether	3.382	74	73195	47.186	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.711	101	85653	54.585	ug/l	91
10) Methyl Iodide	3.899	142	63222	49.765	ug/l	97
11) Tert butyl alcohol	4.716	59	133942	260.368	ug/l	99
12) 1,1-Dichloroethene	3.693	96	77578	53.509	ug/l	94
13) Acrolein	3.570	56	19838	226.054	ug/l	95
14) Allyl chloride	4.257	41	137173	47.973	ug/l #	90
15) Acrylonitrile	4.892	53	316730	252.457	ug/l	100
16) Acetone	3.770	43	382623	266.107	ug/l	98
17) Carbon Disulfide	3.993	76	88557	44.939	ug/l	99
18) Methyl Acetate	4.257	43	227863	53.504	ug/l	95
19) Methyl tert-butyl Ether	4.951	73	321397	49.077	ug/l	100
20) Methylene Chloride	4.475	84	75277	46.523	ug/l	94
21) trans-1,2-Dichloroethene	4.939	96	59632	48.297	ug/l	94
22) Diisopropyl ether	5.850	45	330501	48.687	ug/l	94
23) Vinyl Acetate	5.785	43	1180768	243.473	ug/l	100
24) 1,1-Dichloroethane	5.738	63	155510	48.970	ug/l	97
25) 2-Butanone	6.737	43	445214	240.507	ug/l	98
26) 2,2-Dichloropropane	6.731	77	135187	49.335	ug/l	99
27) cis-1,2-Dichloroethene	6.731	96	85158	49.148	ug/l	100
28) Bromochloromethane	7.113	49	83759	49.353	ug/l #	100
29) Tetrahydrofuran	7.136	42	266951	247.853	ug/l	91
30) Chloroform	7.301	83	142842	48.045	ug/l	100
31) Cyclohexane	7.601	56	102737	43.507	ug/l	96
32) 1,1,1-Trichloroethane	7.506	97	113970	48.157	ug/l	98
36) 1,1-Dichloropropene	7.747	75	85033	47.459	ug/l	100
37) Ethyl Acetate	6.843	43	154477	50.647	ug/l	97
38) Carbon Tetrachloride	7.730	117	82002	50.335	ug/l	99
39) Methylcyclohexane	9.152	83	93955	47.459	ug/l	97
40) Benzene	8.012	78	293529	48.396	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.089	41	76039	49.553	ug/l	96
42) 1,2-Dichloroethane	8.106	62	103041	48.346	ug/l	97
43) Isopropyl Acetate	8.147	43	238795	49.236	ug/l #	91
44) Trichloroethene	8.881	130	57147	48.202	ug/l	99
45) 1,2-Dichloropropane	9.193	63	75141	48.691	ug/l	98
46) Dibromomethane	9.293	93	46216	49.760	ug/l	94
47) Bromodichloromethane	9.510	83	103445	49.402	ug/l	98
48) Methyl methacrylate	9.281	41	108090	49.617	ug/l	90
49) 1,4-Dioxane	9.293	88	39936	976.028	ug/l	97
51) 4-Methyl-2-Pentanone	10.162	43	734784	251.553	ug/l	97
52) Toluene	10.356	92	169093	48.791	ug/l	97
53) t-1,3-Dichloropropene	10.609	75	114414	50.484	ug/l	97
54) cis-1,3-Dichloropropene	9.998	75	117714	50.159	ug/l	91
55) 1,1,2-Trichloroethane	10.814	97	68922	50.422	ug/l	97
56) Ethyl methacrylate	10.662	69	133994	51.010	ug/l	92
57) 1,3-Dichloropropane	10.979	76	118529	48.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.839	63	173283	245.119	ug/l	98
59) 2-Hexanone	11.032	43	541035	244.500	ug/l	95
60) Dibromochloromethane	11.202	129	70776	51.357	ug/l	99
61) 1,2-Dibromoethane	11.326	107	63350	49.772	ug/l	98
64) Tetrachloroethene	10.897	164	43821	47.605	ug/l	97
65) Chlorobenzene	11.807	112	178332	49.062	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.896	131	61912	49.750	ug/l	98
67) Ethyl Benzene	11.896	91	329850	48.536	ug/l	98
68) m/p-Xylenes	12.019	106	244419	97.369	ug/l	98
69) o-Xylene	12.395	106	123300	49.415	ug/l	100
70) Styrene	12.413	104	221309	49.255	ug/l	98
71) Bromoform	12.606	173	50755	53.338	ug/l #	99
73) Isopropylbenzene	12.736	105	329752	47.935	ug/l	98
74) N-amyl acetate	12.524	43	171279	49.360	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.024	83	115440	48.975	ug/l	99
76) 1,2,3-Trichloropropane	13.082	75	97431m	47.381	ug/l	
77) Bromobenzene	13.059	156	70182	48.083	ug/l	93
78) n-propylbenzene	13.129	91	391482	47.900	ug/l	97
79) 2-Chlorotoluene	13.223	91	225301	48.118	ug/l	97
80) 1,3,5-Trimethylbenzene	13.282	105	270036	48.871	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.794	75	45439m	51.848	ug/l	
82) 4-Chlorotoluene	13.335	91	232681	48.834	ug/l	98
83) tert-Butylbenzene	13.588	119	252979	49.465	ug/l	96
84) 1,2,4-Trimethylbenzene	13.635	105	269825	48.083	ug/l	97
85) sec-Butylbenzene	13.787	105	366257	48.825	ug/l	96
86) p-Isopropyltoluene	13.917	119	301221	48.094	ug/l	98
87) 1,3-Dichlorobenzene	13.923	146	141970	47.408	ug/l	100
88) 1,4-Dichlorobenzene	14.011	146	144739m	47.981	ug/l	
89) n-Butylbenzene	14.287	91	295457	51.072	ug/l	96
90) Hexachloroethane	14.598	117	49909	51.652	ug/l	91
91) 1,2-Dichlorobenzene	14.340	146	142380	48.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.051	75	25841	50.834	ug/l	95
93) 1,2,4-Trichlorobenzene	15.838	180	94587	50.130	ug/l	99
94) Hexachlorobutadiene	15.961	225	38790	49.844	ug/l	97
95) Naphthalene	16.132	128	339709	51.418	ug/l	99
96) 1,2,3-Trichlorobenzene	16.367	180	94048	50.521	ug/l	99

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

