

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019197.D
 Acq On : 29 Oct 2025 11:17
 Operator : SY/MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC075

Quant Time: Oct 30 08:30:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:20:05 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

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

Internal Standards						
1) Pentafluorobenzene	7.554	168	161321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	268221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	217113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.934	152	108105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.936	65	191243	73.701	ug/l	0.00
Spiked Amount 50.000			Recovery	=	147.400%	
35) Dibromofluoromethane	7.465	113	133445	78.663	ug/l	0.00
Spiked Amount 50.000			Recovery	=	157.320%	
50) Toluene-d8	10.227	98	524181	76.089	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.180%	
62) 4-Bromofluorobenzene	12.859	95	161032	74.355	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.720%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.860	85	78244	82.359	ug/l	96
3) Chloromethane	2.060	50	103571m	69.862	ug/l	
4) Vinyl Chloride	2.183	62	137041	73.170	ug/l	99
5) Bromomethane	2.512	94	29264	28.436	ug/l	87
6) Chloroethane	2.636	64	117176	68.954	ug/l	95
7) Trichlorofluoromethane	2.947	101	235634	67.953	ug/l	97
8) Diethyl Ether	3.329	74	121202	72.876	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.646	101	119009	70.738	ug/l	93
10) Methyl Iodide	3.834	142	111270	81.691	ug/l	99
11) Tert butyl alcohol	4.645	59	219364	397.720	ug/l #	82
12) 1,1-Dichloroethene	3.629	96	115660	74.406	ug/l	98
13) Acrolein	3.511	56	34255	364.065	ug/l	92
14) Allyl chloride	4.181	41	223258	72.824	ug/l	90
15) Acrylonitrile	4.816	53	513380	381.661	ug/l	99
16) Acetone	3.717	43	559952	366.902	ug/l	99
17) Carbon Disulfide	3.928	76	148190	70.139	ug/l	98
18) Methyl Acetate	4.193	43	366483	80.261	ug/l	95
19) Methyl tert-butyl Ether	4.874	73	526119	74.931	ug/l	100
20) Methylene Chloride	4.398	84	122542	70.637	ug/l	97
21) trans-1,2-Dichloroethene	4.863	96	98394	74.327	ug/l	95
22) Diisopropyl ether	5.773	45	545151	74.903	ug/l	96
23) Vinyl Acetate	5.715	43	1957528	376.474	ug/l	99
24) 1,1-Dichloroethane	5.662	63	251997	74.014	ug/l	100
25) 2-Butanone	6.666	43	719655	362.597	ug/l	97
26) 2,2-Dichloropropane	6.649	77	220044	74.898	ug/l	100
27) cis-1,2-Dichloroethene	6.655	96	139975	75.348	ug/l	98
28) Bromochloromethane	7.048	49	144065	79.173	ug/l #	99
29) Tetrahydrofuran	7.066	42	446375	386.549	ug/l	91
30) Chloroform	7.230	83	237625	74.546	ug/l	98
31) Cyclohexane	7.530	56	166021	65.575	ug/l	97
32) 1,1,1-Trichloroethane	7.442	97	194210	76.539	ug/l	99
36) 1,1-Dichloropropene	7.683	75	141677	74.248	ug/l	99
37) Ethyl Acetate	6.766	43	261520	80.509	ug/l	98
38) Carbon Tetrachloride	7.659	117	139655	80.493	ug/l	100
39) Methylcyclohexane	9.093	83	155145	73.585	ug/l	94
40) Benzene	7.947	78	486915	75.382	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.025	41	124081m	75.891	ug/l	
42) 1,2-Dichloroethane	8.041	62	169509	74.679	ug/l	98
43) Isopropyl Acetate	8.088	43	391962	75.885	ug/l	98
44) Trichloroethene	8.823	130	94558	74.890	ug/l	100
45) 1,2-Dichloropropane	9.134	63	123326	75.038	ug/l	99
46) Dibromomethane	9.234	93	76804	77.647	ug/l	95
47) Bromodichloromethane	9.451	83	170099	76.277	ug/l	99
48) Methyl methacrylate	9.228	41	180327	77.725	ug/l	89
49) 1,4-Dioxane	9.234	88	67245	1543.165	ug/l	96
51) 4-Methyl-2-Pentanone	10.109	43	1243496	399.732	ug/l	96
52) Toluene	10.303	92	279859	75.824	ug/l	97
53) t-1,3-Dichloropropene	10.556	75	186150	77.125	ug/l	99
54) cis-1,3-Dichloropropene	9.945	75	191563	76.645	ug/l	95
55) 1,1,2-Trichloroethane	10.762	97	110712	76.053	ug/l	98
56) Ethyl methacrylate	10.615	69	217641	77.798	ug/l	93
57) 1,3-Dichloropropane	10.926	76	193628	74.945	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.786	63	288152	382.734	ug/l	98
59) 2-Hexanone	10.979	43	901858	382.689	ug/l	94
60) Dibromochloromethane	11.149	129	115451	78.662	ug/l	98
61) 1,2-Dibromoethane	11.273	107	102159	75.365	ug/l	98
64) Tetrachloroethene	10.838	164	71755	72.711	ug/l	97
65) Chlorobenzene	11.755	112	287210	73.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	102184	76.590	ug/l	98
67) Ethyl Benzene	11.843	91	542302	74.432	ug/l	98
68) m/p-Xylenes	11.966	106	404720	150.387	ug/l	100
69) o-Xylene	12.342	106	205241	76.724	ug/l	100
70) Styrene	12.360	104	369227	76.651	ug/l	98
71) Bromoform	12.548	173	83682	82.027	ug/l #	100
73) Isopropylbenzene	12.683	105	534045	71.759	ug/l	98
74) N-amyl acetate	12.471	43	281668	75.031	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.971	83	185997	72.939	ug/l	98
76) 1,2,3-Trichloropropane	13.030	75	156001m	69.598	ug/l	
77) Bromobenzene	13.000	156	113575	71.926	ug/l	91
78) n-propylbenzene	13.071	91	636125	71.950	ug/l	98
79) 2-Chlorotoluene	13.171	91	363330	71.727	ug/l	97
80) 1,3,5-Trimethylbenzene	13.229	105	437440	73.179	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	74186	78.246	ug/l	92
82) 4-Chlorotoluene	13.282	91	374670	72.685	ug/l	99
83) tert-Butylbenzene	13.529	119	399254	72.161	ug/l	98
84) 1,2,4-Trimethylbenzene	13.582	105	444247	73.176	ug/l	98
85) sec-Butylbenzene	13.735	105	590972	72.821	ug/l	97
86) p-Isopropyltoluene	13.864	119	497156	73.373	ug/l	100
87) 1,3-Dichlorobenzene	13.864	146	236991	73.151	ug/l	100
88) 1,4-Dichlorobenzene	13.952	146	234145	71.747	ug/l	100
89) n-Butylbenzene	14.234	91	473321	75.627	ug/l	97
90) Hexachloroethane	14.540	117	81636	78.095	ug/l	90
91) 1,2-Dichlorobenzene	14.287	146	229382	72.273	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.992	75	41666	75.764	ug/l	95
93) 1,2,4-Trichlorobenzene	15.774	180	152281	74.602	ug/l	100
94) Hexachlorobutadiene	15.897	225	59544	70.725	ug/l	97
95) Naphthalene	16.061	128	538146	75.292	ug/l	99
96) 1,2,3-Trichlorobenzene	16.291	180	148420	73.697	ug/l	99

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

