

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
 Data File : VT019150.D
 Acq On : 3 Oct 2025 17:13
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

Quant Time: Oct 04 01:25:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T100325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 01:21:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.542	168	221362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.541	114	413921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.719	117	359438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.929	152	183755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	148420	51.399	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.800%	
35) Dibromofluoromethane	7.460	113	110286	50.076	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.160%	
50) Toluene-d8	10.221	98	283911	50.297	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.600%	
62) 4-Bromofluorobenzene	12.853	95	138767	46.960	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.860	85	71564	49.148	ug/l	100
3) Chloromethane	2.083	50	137412	46.370	ug/l	100
4) Vinyl Chloride	2.171	62	106352	49.818	ug/l	100
5) Bromomethane	2.506	94	33344	46.336	ug/l	100
6) Chloroethane	2.642	64	59828	49.613	ug/l	100
7) Trichlorofluoromethane	2.947	101	129008	46.589	ug/l	100
8) Diethyl Ether	3.323	74	99200	51.637	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.640	101	78820	43.993	ug/l	100
10) Methyl Iodide	3.823	142	170054	59.309	ug/l	100
11) Tert butyl alcohol	4.639	59	303606	266.997	ug/l	100
12) 1,1-Dichloroethene	3.623	96	102838	48.661	ug/l	100
13) Acrolein	3.505	56	24866	111.151	ug/l	100
14) Allyl chloride	4.175	41	334154	50.954	ug/l	100
15) Acrylonitrile	4.804	53	711373	266.819	ug/l	100
16) Acetone	3.711	43	706092	225.030	ug/l	100
17) Carbon Disulfide	3.917	76	256614	46.286	ug/l	100
18) Methyl Acetate	4.181	43	405325	56.285	ug/l	100
19) Methyl tert-butyl Ether	4.862	73	660206	52.662	ug/l	100
20) Methylene Chloride	4.387	84	179135	54.077	ug/l	100
21) trans-1,2-Dichloroethene	4.851	96	128235	49.429	ug/l	100
22) Diisopropyl ether	5.761	45	703901	52.064	ug/l	100
23) Vinyl Acetate	5.703	43	2889555	267.440	ug/l	100
24) 1,1-Dichloroethane	5.650	63	310092	51.625	ug/l	100
25) 2-Butanone	6.660	43	1036200	254.292	ug/l	100
26) 2,2-Dichloropropane	6.643	77	220536	50.902	ug/l	100
27) cis-1,2-Dichloroethene	6.643	96	182613	52.440	ug/l	100
28) Bromochloromethane	7.036	49	166814	53.306	ug/l #	100
29) Tetrahydrofuran	7.054	42	691284	269.818	ug/l	100
30) Chloroform	7.224	83	290964	51.851	ug/l	100
31) Cyclohexane	7.524	56	167758	45.210	ug/l	100
32) 1,1,1-Trichloroethane	7.436	97	202248	50.916	ug/l	100
36) 1,1-Dichloropropene	7.671	75	154646	46.134	ug/l	100
37) Ethyl Acetate	6.760	43	406118	51.621	ug/l	100
38) Carbon Tetrachloride	7.648	117	129031	51.578	ug/l	100
39) Methylcyclohexane	9.081	83	131898	44.591	ug/l	100
40) Benzene	7.941	78	612263	50.290	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.007	41	182031	49.850	ug/l	100
42) 1,2-Dichloroethane	8.035	62	253462	50.510	ug/l	100
43) Isopropyl Acetate	8.082	43	579498	52.850	ug/l	100
44) Trichloroethene	8.811	130	117720	47.627	ug/l	100
45) 1,2-Dichloropropane	9.128	63	153106	51.012	ug/l	100
46) Dibromomethane	9.228	93	105791	52.128	ug/l	100
47) Bromodichloromethane	9.445	83	207354	53.669	ug/l	100
48) Methyl methacrylate	9.222	41	272529	53.580	ug/l	100
49) 1,4-Dioxane	9.222	88	96780	1053.372	ug/l	100
51) 4-Methyl-2-Pentanone	10.104	43	1699014	264.777	ug/l	100
52) Toluene	10.292	92	335485	48.861	ug/l	100
53) t-1,3-Dichloropropene	10.550	75	231691	53.355	ug/l	100
54) cis-1,3-Dichloropropene	9.939	75	241676	52.067	ug/l	100
55) 1,1,2-Trichloroethane	10.756	97	140506	50.700	ug/l	100
56) Ethyl methacrylate	10.603	69	279774	54.092	ug/l	100
57) 1,3-Dichloropropane	10.920	76	256199	51.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.774	63	555909	276.567	ug/l	100
59) 2-Hexanone	10.973	43	1266020	258.177	ug/l	100
60) Dibromochloromethane	11.143	129	139890	56.973	ug/l	100
61) 1,2-Dibromoethane	11.261	107	140875	51.499	ug/l	100
64) Tetrachloroethene	10.832	164	90645	45.348	ug/l	100
65) Chlorobenzene	11.749	112	367849	46.807	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.837	131	125246	54.445	ug/l	100
67) Ethyl Benzene	11.837	91	609401	47.445	ug/l	100
68) m/p-Xylenes	11.960	106	469985	94.118	ug/l	100
69) o-Xylene	12.336	106	246142	48.086	ug/l	100
70) Styrene	12.354	104	435715	49.357	ug/l	100
71) Bromoform	12.542	173	97896	48.591	ug/l #	100
73) Isopropylbenzene	12.677	105	542802	46.180	ug/l	100
74) N-amyl acetate	12.465	43	396599	52.655	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.965	83	219804	48.542	ug/l	100
76) 1,2,3-Trichloropropane	13.024	75	191200m	47.006	ug/l	
77) Bromobenzene	12.994	156	157449	46.841	ug/l	100
78) n-propylbenzene	13.065	91	623255	45.849	ug/l	100
79) 2-Chlorotoluene	13.165	91	415925	46.000	ug/l	100
80) 1,3,5-Trimethylbenzene	13.223	105	472241	46.607	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	81208	56.058	ug/l	100
82) 4-Chlorotoluene	13.276	91	433241	45.554	ug/l	100
83) tert-Butylbenzene	13.523	119	386911	45.918	ug/l	100
84) 1,2,4-Trimethylbenzene	13.576	105	496654	46.686	ug/l	100
85) sec-Butylbenzene	13.729	105	517614	45.795	ug/l	100
86) p-Isopropyltoluene	13.858	119	476008	46.485	ug/l	100
87) 1,3-Dichlorobenzene	13.858	146	285863	45.699	ug/l	100
88) 1,4-Dichlorobenzene	13.952	146	289827	44.602	ug/l	100
89) n-Butylbenzene	14.228	91	389209	45.842	ug/l	100
90) Hexachloroethane	14.540	117	61445	44.766	ug/l	100
91) 1,2-Dichlorobenzene	14.281	146	278700	47.021	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.980	75	50231	53.233	ug/l	100
93) 1,2,4-Trichlorobenzene	15.773	180	177563	46.147	ug/l	100
94) Hexachlorobutadiene	15.891	225	51243	46.101	ug/l	100
95) Naphthalene	16.061	128	659740	47.786	ug/l	100
96) 1,2,3-Trichlorobenzene	16.290	180	180479	46.790	ug/l	100

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

