

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
 Data File : VT019151.D
 Acq On : 3 Oct 2025 17:38
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 04 01:26:22 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.542	168	286056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	500063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.719	117	427435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.929	152	216227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.924	65	345967	92.715	ug/l	0.00
Spiked Amount 50.000			Recovery	=	185.420%	
35) Dibromofluoromethane	7.454	113	261368	98.233	ug/l	0.00
Spiked Amount 50.000			Recovery	=	196.460%	
50) Toluene-d8	10.221	98	695135	101.934	ug/l	0.00
Spiked Amount 50.000			Recovery	=	203.860%	
62) 4-Bromofluorobenzene	12.853	95	332712	93.198	ug/l	0.00
Spiked Amount 50.000			Recovery	=	186.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.854	85	200207	106.399	ug/l	98
3) Chloromethane	2.078	50	353351	92.272	ug/l	99
4) Vinyl Chloride	2.172	62	267949	97.128	ug/l	98
5) Bromomethane	2.495	94	50492	54.297	ug/l	94
6) Chloroethane	2.618	64	97370	83.089	ug/l	99
7) Trichlorofluoromethane	2.924	101	332947	93.046	ug/l	96
8) Diethyl Ether	3.317	74	252037	101.524	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.629	101	222996	96.315	ug/l	97
10) Methyl Iodide	3.817	142	427796	115.458	ug/l	99
11) Tert butyl alcohol	4.657	59	663876	451.788	ug/l	100
12) 1,1-Dichloroethene	3.611	96	269816	98.798	ug/l	99
13) Acrolein	3.505	56	53918	186.507	ug/l	99
14) Allyl chloride	4.163	41	789528	93.165	ug/l	99
15) Acrylonitrile	4.804	53	1531418	444.493	ug/l	99
16) Acetone	3.711	43	1478596	364.654	ug/l	99
17) Carbon Disulfide	3.905	76	637403	88.968	ug/l	98
18) Methyl Acetate	4.175	43	900033	96.716	ug/l	99
19) Methyl tert-butyl Ether	4.857	73	1511189	93.280	ug/l	100
20) Methylene Chloride	4.381	84	409544	97.877	ug/l	99
21) trans-1,2-Dichloroethene	4.845	96	311018	92.771	ug/l	96
22) Diisopropyl ether	5.762	45	1618972	92.665	ug/l	99
23) Vinyl Acetate	5.697	43	6082712	435.656	ug/l #	95
24) 1,1-Dichloroethane	5.644	63	747295	96.275	ug/l	100
25) 2-Butanone	6.661	43	2185494	415.041	ug/l	98
26) 2,2-Dichloropropane	6.637	77	544766	97.302	ug/l	99
27) cis-1,2-Dichloroethene	6.643	96	433369	96.303	ug/l	100
28) Bromochloromethane	7.031	49	398338	98.244	ug/l #	99
29) Tetrahydrofuran	7.054	42	1486258	448.911	ug/l	98
30) Chloroform	7.219	83	691320	95.335	ug/l	99
31) Cyclohexane	7.513	56	452302	94.326	ug/l	98
32) 1,1,1-Trichloroethane	7.430	97	520897	101.479	ug/l	100
36) 1,1-Dichloropropene	7.671	75	399113	98.553	ug/l	99
37) Ethyl Acetate	6.760	43	904351	95.150	ug/l	99
38) Carbon Tetrachloride	7.648	117	360153	119.164	ug/l	99
39) Methylcyclohexane	9.081	83	371073	103.838	ug/l	98
40) Benzene	7.936	78	1490217	101.317	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.007	41	400397	90.762	ug/l	98
42) 1,2-Dichloroethane	8.030	62	590989	97.485	ug/l	100
43) Isopropyl Acetate	8.082	43	1318920	99.564	ug/l	99
44) Trichloroethene	8.811	130	295974	99.118	ug/l	99
45) 1,2-Dichloropropane	9.128	63	366480	101.070	ug/l	99
46) Dibromomethane	9.228	93	253683	103.468	ug/l	100
47) Bromodichloromethane	9.446	83	509217	109.096	ug/l	99
48) Methyl methacrylate	9.222	41	644187	104.832	ug/l	98
49) 1,4-Dioxane	9.228	88	213989	1927.881	ug/l	95
51) 4-Methyl-2-Pentanone	10.104	43	3540037	456.650	ug/l	92
52) Toluene	10.292	92	836803	100.880	ug/l	97
53) t-1,3-Dichloropropene	10.550	75	564305	107.566	ug/l	98
54) cis-1,3-Dichloropropene	9.933	75	585351	104.384	ug/l	98
55) 1,1,2-Trichloroethane	10.756	97	329361	98.374	ug/l	98
56) Ethyl methacrylate	10.609	69	678611	108.602	ug/l	99
57) 1,3-Dichloropropane	10.920	76	601517	99.628	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.781	63	1329562	547.517	ug/l	98
59) 2-Hexanone	10.973	43	2760817	466.023	ug/l	95
60) Dibromochloromethane	11.144	129	350779	118.253	ug/l	100
61) 1,2-Dibromoethane	11.261	107	331175	100.212	ug/l	99
64) Tetrachloroethene	10.832	164	232861	97.963	ug/l	98
65) Chlorobenzene	11.749	112	894707	95.736	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.831	131	326794	119.460	ug/l	100
67) Ethyl Benzene	11.837	91	1542359	100.978	ug/l	96
68) m/p-Xylenes	11.960	106	1235440	208.048	ug/l	94
69) o-Xylene	12.336	106	638379	104.873	ug/l	96
70) Styrene	12.348	104	1086495	103.498	ug/l	98
71) Bromoform	12.542	173	248764	101.057	ug/l #	99
73) Isopropylbenzene	12.677	105	1369685	99.030	ug/l	99
74) N-amyl acetate	12.466	43	938620	105.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.965	83	508734	95.477	ug/l	99
76) 1,2,3-Trichloropropane	13.024	75	449085m	93.825	ug/l	
77) Bromobenzene	12.994	156	388096	98.119	ug/l	99
78) n-propylbenzene	13.065	91	1547111	96.719	ug/l	98
79) 2-Chlorotoluene	13.165	91	1016199	95.511	ug/l	100
80) 1,3,5-Trimethylbenzene	13.224	105	1177643	98.771	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	197507	115.865	ug/l	99
82) 4-Chlorotoluene	13.276	91	1038877	92.830	ug/l	99
83) tert-Butylbenzene	13.523	119	991721	100.020	ug/l	99
84) 1,2,4-Trimethylbenzene	13.576	105	1266873	101.203	ug/l	99
85) sec-Butylbenzene	13.729	105	1307383	98.297	ug/l	99
86) p-Isopropyltoluene	13.858	119	1255240	104.173	ug/l	98
87) 1,3-Dichlorobenzene	13.858	146	714801	97.110	ug/l	99
88) 1,4-Dichlorobenzene	13.952	146	676893	88.524	ug/l	99
89) n-Butylbenzene	14.228	91	997466	99.841	ug/l	99
90) Hexachloroethane	14.540	117	175378	103.055	ug/l	97
91) 1,2-Dichlorobenzene	14.281	146	656420	94.116	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.980	75	117471	105.797	ug/l	99
93) 1,2,4-Trichlorobenzene	15.768	180	435461	96.177	ug/l	99
94) Hexachlorobutadiene	15.891	225	135799	102.203	ug/l	99
95) Naphthalene	16.061	128	1544755	95.086	ug/l	99
96) 1,2,3-Trichlorobenzene	16.291	180	440475	97.045	ug/l	100

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

