

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019198.D
 Acq On : 29 Oct 2025 11:56
 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 30 08:31:23 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	7.548	168	172079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	282387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	227320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.935	152	109909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.936	65	264742	95.648	ug/l	0.00
Spiked Amount 50.000			Recovery	=	191.300%	
35) Dibromofluoromethane	7.466	113	184321	103.202	ug/l	0.00
Spiked Amount 50.000			Recovery	=	206.400%	
50) Toluene-d8	10.227	98	729506	100.582	ug/l	0.00
Spiked Amount 50.000			Recovery	=	201.160%	
62) 4-Bromofluorobenzene	12.859	95	216927	95.140	ug/l	0.00
Spiked Amount 50.000			Recovery	=	190.280%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.866	85	114575	113.061	ug/l	100
3) Chloromethane	2.089	50	146766m	92.809	ug/l	
4) Vinyl Chloride	2.183	62	197511	98.864	ug/l	98
5) Bromomethane	2.507	94	38507	35.078	ug/l	91
6) Chloroethane	2.636	64	194784	107.458	ug/l	98
7) Trichlorofluoromethane	2.947	101	391333	105.799	ug/l	98
8) Diethyl Ether	3.329	74	181710	102.427	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.641	101	169209	94.289	ug/l	94
10) Methyl Iodide	3.829	142	169666	116.777	ug/l	97
11) Tert butyl alcohol	4.645	59	299144m	508.459	ug/l	
12) 1,1-Dichloroethene	3.623	96	158308	95.476	ug/l	99
13) Acrolein	3.511	56	47511	473.383	ug/l	98
14) Allyl chloride	4.181	41	330776	101.150	ug/l	91
15) Acrylonitrile	4.816	53	736476	513.288	ug/l	99
16) Acetone	3.717	43	824596	510.360	ug/l	99
17) Carbon Disulfide	3.923	76	219728	97.496	ug/l	100
18) Methyl Acetate	4.187	43	516786	106.102	ug/l	95
19) Methyl tert-butyl Ether	4.874	73	761283	101.646	ug/l	98
20) Methylene Chloride	4.393	84	178697	96.567	ug/l	98
21) trans-1,2-Dichloroethene	4.857	96	144802	102.545	ug/l	95
22) Diisopropyl ether	5.768	45	784085	100.998	ug/l	99
23) Vinyl Acetate	5.709	43	2859452	515.553	ug/l	98
24) 1,1-Dichloroethane	5.662	63	367225	101.114	ug/l	99
25) 2-Butanone	6.667	43	1026403	484.821	ug/l	96
26) 2,2-Dichloropropane	6.649	77	326155	104.076	ug/l	99
27) cis-1,2-Dichloroethene	6.649	96	204344	103.121	ug/l	98
28) Bromochloromethane	7.043	49	198708	102.376	ug/l #	99
29) Tetrahydrofuran	7.066	42	627803	509.672	ug/l	91
30) Chloroform	7.231	83	336328	98.915	ug/l	100
31) Cyclohexane	7.530	56	239242	88.588	ug/l	96
32) 1,1,1-Trichloroethane	7.436	97	277050	102.361	ug/l	99
36) 1,1-Dichloropropene	7.677	75	204789	101.939	ug/l	99
37) Ethyl Acetate	6.766	43	361599	105.735	ug/l	97
38) Carbon Tetrachloride	7.659	117	196960	107.827	ug/l	96
39) Methylcyclohexane	9.093	83	225925	101.780	ug/l	92
40) Benzene	7.947	78	688923	101.305	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.019	41	183860m	106.813	ug/l	
42) 1,2-Dichloroethane	8.036	62	239052	100.033	ug/l	98
43) Isopropyl Acetate	8.088	43	547392	100.660	ug/l	97
44) Trichloroethene	8.817	130	134723	101.348	ug/l	96
45) 1,2-Dichloropropane	9.134	63	174211	100.682	ug/l	98
46) Dibromomethane	9.234	93	109708	105.348	ug/l	95
47) Bromodichloromethane	9.452	83	241545	102.882	ug/l	98
48) Methyl methacrylate	9.228	41	259090	106.072	ug/l	90
49) 1,4-Dioxane	9.234	88	91078	1985.244	ug/l	93
51) 4-Methyl-2-Pentanone	10.110	43	1744695	532.711	ug/l	95
52) Toluene	10.298	92	403060	103.726	ug/l	98
53) t-1,3-Dichloropropene	10.556	75	266332	104.810	ug/l	98
54) cis-1,3-Dichloropropene	9.945	75	272130	103.418	ug/l	94
55) 1,1,2-Trichloroethane	10.762	97	155696	101.589	ug/l	96
56) Ethyl methacrylate	10.615	69	311311	105.699	ug/l	93
57) 1,3-Dichloropropane	10.926	76	270553	99.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.781	63	417297	526.464	ug/l	97
59) 2-Hexanone	10.979	43	1285222	518.006	ug/l	95
60) Dibromochloromethane	11.150	129	162883	105.412	ug/l	100
61) 1,2-Dibromoethane	11.267	107	143118	100.286	ug/l	99
64) Tetrachloroethene	10.838	164	102161	98.873	ug/l	97
65) Chlorobenzene	11.755	112	410553	100.624	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	151083	108.157	ug/l	98
67) Ethyl Benzene	11.843	91	804220	105.425	ug/l	98
68) m/p-Xylenes	11.966	106	599772	212.858	ug/l	99
69) o-Xylene	12.342	106	299802	107.041	ug/l	99
70) Styrene	12.360	104	534908	106.060	ug/l	98
71) Bromoform	12.548	173	115952	108.556	ug/l #	99
73) Isopropylbenzene	12.683	105	770113	101.781	ug/l	97
74) N-amyl acetate	12.472	43	390927	102.427	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.971	83	251865	97.148	ug/l	98
76) 1,2,3-Trichloropropane	13.030	75	214966m	94.330	ug/l	
77) Bromobenzene	13.000	156	160380	99.900	ug/l	93
78) n-propylbenzene	13.071	91	904908	100.671	ug/l	97
79) 2-Chlorotoluene	13.171	91	509706	98.973	ug/l	97
80) 1,3,5-Trimethylbenzene	13.230	105	614236	101.069	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	103026	106.880	ug/l	91
82) 4-Chlorotoluene	13.282	91	526171	100.401	ug/l	99
83) tert-Butylbenzene	13.529	119	556123	98.864	ug/l	99
84) 1,2,4-Trimethylbenzene	13.582	105	633678	102.666	ug/l	98
85) sec-Butylbenzene	13.735	105	831302	100.754	ug/l	96
86) p-Isopropyltoluene	13.864	119	721104	104.678	ug/l	99
87) 1,3-Dichlorobenzene	13.864	146	340587	103.402	ug/l	99
88) 1,4-Dichlorobenzene	13.958	146	327943	98.839	ug/l	99
89) n-Butylbenzene	14.234	91	660033	103.729	ug/l	97
90) Hexachloroethane	14.546	117	113278	106.586	ug/l	91
91) 1,2-Dichlorobenzene	14.287	146	316216	97.997	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.986	75	56656	101.331	ug/l	95
93) 1,2,4-Trichlorobenzene	15.774	180	214012	103.122	ug/l	100
94) Hexachlorobutadiene	15.897	225	86450	100.998	ug/l	98
95) Naphthalene	16.067	128	749808	103.184	ug/l	99
96) 1,2,3-Trichlorobenzene	16.297	180	212758	103.910	ug/l	98

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

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