

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019196.D
 Acq On : 29 Oct 2025 10:54
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 08:30:00 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

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

Internal Standards						
1) Pentafluorobenzene	7.548	168	164508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	275332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	216642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.929	152	106206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.935	65	125316	47.359	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.720%	
35) Dibromofluoromethane	7.465	113	84475	48.510	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.020%	
50) Toluene-d8	10.227	98	342007	48.363	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.720%	
62) 4-Bromofluorobenzene	12.859	95	104513	47.012	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.020%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	46479	47.976	ug/l	98
3) Chloromethane	2.107	50	68850m	45.542	ug/l	
4) Vinyl Chloride	2.189	62	95391	49.945	ug/l	100
5) Bromomethane	2.518	94	51861	49.417	ug/l	95
6) Chloroethane	2.659	64	83356	48.102	ug/l	99
7) Trichlorofluoromethane	2.965	101	173848	49.164	ug/l	100
8) Diethyl Ether	3.335	74	83995	49.526	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.652	101	81502	47.506	ug/l	92
10) Methyl Iodide	3.840	142	73246	52.733	ug/l	98
11) Tert butyl alcohol	4.639	59	134473	239.084	ug/l	100
12) 1,1-Dichloroethene	3.635	96	75174	47.424	ug/l	98
13) Acrolein	3.517	56	22293	232.342	ug/l	94
14) Allyl chloride	4.187	41	147938	47.321	ug/l	90
15) Acrylonitrile	4.816	53	323593	235.908	ug/l	99
16) Acetone	3.717	43	382496	242.446	ug/l	100
17) Carbon Disulfide	3.934	76	101648	47.178	ug/l	99
18) Methyl Acetate	4.193	43	231036	49.618	ug/l	95
19) Methyl tert-butyl Ether	4.868	73	347996	48.602	ug/l	97
20) Methylene Chloride	4.398	84	81282	45.946	ug/l	98
21) trans-1,2-Dichloroethene	4.862	96	65668	48.645	ug/l	96
22) Diisopropyl ether	5.773	45	359188	48.396	ug/l	97
23) Vinyl Acetate	5.709	43	1281575	241.699	ug/l	99
24) 1,1-Dichloroethane	5.662	63	166829	48.050	ug/l	100
25) 2-Butanone	6.666	43	459789	227.176	ug/l	95
26) 2,2-Dichloropropane	6.655	77	146235	48.811	ug/l	100
27) cis-1,2-Dichloroethene	6.655	96	93283	49.241	ug/l	98
28) Bromochloromethane	7.042	49	92767	49.994	ug/l #	98
29) Tetrahydrofuran	7.066	42	282372	239.789	ug/l	92
30) Chloroform	7.230	83	158824	48.860	ug/l	99
31) Cyclohexane	7.536	56	116157	44.991	ug/l	96
32) 1,1,1-Trichloroethane	7.442	97	125549	48.521	ug/l	97
36) 1,1-Dichloropropene	7.683	75	96046	49.035	ug/l	99
37) Ethyl Acetate	6.766	43	159354	47.790	ug/l #	96
38) Carbon Tetrachloride	7.659	117	88783	49.850	ug/l	99
39) Methylcyclohexane	9.093	83	106875	49.381	ug/l	93
40) Benzene	7.947	78	323562	48.799	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.019	41	72561	43.234	ug/l #	87
42) 1,2-Dichloroethane	8.041	62	115412	49.533	ug/l	98
43) Isopropyl Acetate	8.088	43	255576	48.202	ug/l	97
44) Trichloroethene	8.817	130	63987	49.369	ug/l	100
45) 1,2-Dichloropropane	9.134	63	82387	48.834	ug/l	97
46) Dibromomethane	9.234	93	50570	49.805	ug/l	94
47) Bromodichloromethane	9.451	83	113769	49.700	ug/l	99
48) Methyl methacrylate	9.228	41	116730	49.014	ug/l	90
49) 1,4-Dioxane	9.228	88	40309	901.136	ug/l	96
51) 4-Methyl-2-Pentanone	10.109	43	773213	242.136	ug/l	96
52) Toluene	10.297	92	184972	48.821	ug/l	96
53) t-1,3-Dichloropropene	10.556	75	123134	49.699	ug/l	98
54) cis-1,3-Dichloropropene	9.939	75	128646	50.142	ug/l	93
55) 1,1,2-Trichloroethane	10.762	97	73755	49.357	ug/l	99
56) Ethyl methacrylate	10.609	69	140096	48.785	ug/l	95
57) 1,3-Dichloropropane	10.926	76	130063	49.041	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.780	63	183231	237.088	ug/l	98
59) 2-Hexanone	10.979	43	567767	234.701	ug/l	95
60) Dibromochloromethane	11.149	129	75249	49.946	ug/l	99
61) 1,2-Dibromoethane	11.267	107	67491	48.504	ug/l	97
64) Tetrachloroethene	10.838	164	49410	50.177	ug/l	96
65) Chlorobenzene	11.755	112	191812	49.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.837	131	66127	49.672	ug/l	98
67) Ethyl Benzene	11.843	91	356047	48.975	ug/l	99
68) m/p-Xylenes	11.966	106	263814	98.242	ug/l	99
69) o-Xylene	12.342	106	130867	49.028	ug/l	98
70) Styrene	12.360	104	238437	49.607	ug/l	98
71) Bromoform	12.548	173	53093	52.156	ug/l #	99
73) Isopropylbenzene	12.683	105	356402	48.746	ug/l	98
74) N-amyl acetate	12.471	43	181208	49.134	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.971	83	120092	47.936	ug/l	98
76) 1,2,3-Trichloropropane	13.030	75	111234m	50.513	ug/l	
77) Bromobenzene	13.000	156	75062	48.386	ug/l	92
78) n-propylbenzene	13.071	91	426301	49.079	ug/l	98
79) 2-Chlorotoluene	13.171	91	242060	48.641	ug/l	97
80) 1,3,5-Trimethylbenzene	13.229	105	285954	48.692	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	48053	51.589	ug/l	92
82) 4-Chlorotoluene	13.282	91	247769	48.926	ug/l	99
83) tert-Butylbenzene	13.529	119	264943	48.742	ug/l	98
84) 1,2,4-Trimethylbenzene	13.582	105	290166	48.651	ug/l	97
85) sec-Butylbenzene	13.729	105	392935	49.284	ug/l	96
86) p-Isopropyltoluene	13.864	119	322656	48.471	ug/l	98
87) 1,3-Dichlorobenzene	13.864	146	153296	48.163	ug/l	98
88) 1,4-Dichlorobenzene	13.952	146	153995	48.031	ug/l	99
89) n-Butylbenzene	14.234	91	311844	50.717	ug/l	96
90) Hexachloroethane	14.540	117	51378	50.028	ug/l	92
91) 1,2-Dichlorobenzene	14.287	146	151409	48.558	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.986	75	26472	48.997	ug/l	92
93) 1,2,4-Trichlorobenzene	15.773	180	99273	49.503	ug/l	99
94) Hexachlorobutadiene	15.897	225	39912	48.254	ug/l	98
95) Naphthalene	16.061	128	341263	48.600	ug/l	99
96) 1,2,3-Trichlorobenzene	16.296	180	96982	49.017	ug/l	98

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

