

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019206.D
 Acq On : 29 Oct 2025 16:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 08:49:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:43:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.554	168	130290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	246176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	204728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.935	152	102240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.942	65	120264	57.386	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.780%	
35) Dibromofluoromethane	7.471	113	80214	51.519	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.040%	
50) Toluene-d8	10.233	98	309573	48.961	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.920%	
62) 4-Bromofluorobenzene	12.859	95	99713	50.165	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.866	85	34256	44.645	ug/l	97
3) Chloromethane	2.101	50	58694m	49.634	ug/l	
4) Vinyl Chloride	2.183	62	67905	44.892	ug/l	98
5) Bromomethane	2.512	94	26405	32.407	ug/l	92
6) Chloroethane	2.654	64	63728	46.433	ug/l	99
7) Trichlorofluoromethane	2.959	101	121269	43.301	ug/l	95
8) Diethyl Ether	3.335	74	78975	58.795	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.652	101	51780	38.108	ug/l	92
10) Methyl Iodide	3.840	142	62004	56.363	ug/l	93
11) Tert butyl alcohol	4.651	59	143384	321.879	ug/l #	84
12) 1,1-Dichloroethene	3.635	96	53718	42.788	ug/l	98
13) Acrolein	3.511	56	20838	274.215	ug/l	98
14) Allyl chloride	4.193	41	130933	52.881	ug/l #	91
15) Acrylonitrile	4.816	53	323930	298.174	ug/l	100
16) Acetone	3.717	43	377942	304.968	ug/l	98
17) Carbon Disulfide	3.934	76	77033	45.143	ug/l	99
18) Methyl Acetate	4.199	43	249057	67.535	ug/l	95
19) Methyl tert-butyl Ether	4.880	73	333422	58.797	ug/l	97
20) Methylene Chloride	4.404	84	78081	55.728	ug/l	95
21) trans-1,2-Dichloroethene	4.863	96	53869	50.385	ug/l	89
22) Diisopropyl ether	5.779	45	329973	56.136	ug/l #	96
23) Vinyl Acetate	5.721	43	1129644	268.998	ug/l	99
24) 1,1-Dichloroethane	5.668	63	148399	53.967	ug/l	99
25) 2-Butanone	6.672	43	458135	285.807	ug/l	97
26) 2,2-Dichloropropane	6.661	77	120438	50.758	ug/l	100
27) cis-1,2-Dichloroethene	6.661	96	84732	56.474	ug/l	98
28) Bromochloromethane	7.048	49	85243	58.004	ug/l #	100
29) Tetrahydrofuran	7.072	42	280979	301.271	ug/l	90
30) Chloroform	7.236	83	143557	55.762	ug/l	98
31) Cyclohexane	7.536	56	76737	37.528	ug/l	96
32) 1,1,1-Trichloroethane	7.448	97	105254	51.361	ug/l	98
36) 1,1-Dichloropropene	7.689	75	74402	42.483	ug/l	99
37) Ethyl Acetate	6.772	43	158192	53.061	ug/l	97
38) Carbon Tetrachloride	7.665	117	68522	43.031	ug/l	97
39) Methylcyclohexane	9.099	83	68782	35.545	ug/l	91
40) Benzene	7.953	78	286598	48.343	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.019	41	81964	54.646	ug/l	93
42) 1,2-Dichloroethane	8.047	62	108814	52.232	ug/l	96
43) Isopropyl Acetate	8.094	43	255126	53.816	ug/l	98
44) Trichloroethene	8.829	130	54768	47.261	ug/l	98
45) 1,2-Dichloropropane	9.140	63	76975	51.030	ug/l	100
46) Dibromomethane	9.240	93	47946	52.813	ug/l	94
47) Bromodichloromethane	9.457	83	106672	52.118	ug/l	96
48) Methyl methacrylate	9.234	41	115454	54.220	ug/l	89
49) 1,4-Dioxane	9.234	88	42835	1071.021	ug/l	96
51) 4-Methyl-2-Pentanone	10.110	43	780416	273.336	ug/l	96
52) Toluene	10.304	92	163267	48.196	ug/l	98
53) t-1,3-Dichloropropene	10.562	75	119329	53.867	ug/l	97
54) cis-1,3-Dichloropropene	9.945	75	119315	52.013	ug/l	96
55) 1,1,2-Trichloroethane	10.768	97	73008	54.643	ug/l	98
56) Ethyl methacrylate	10.615	69	137452	53.534	ug/l	93
57) 1,3-Dichloropropane	10.926	76	125901	53.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.786	63	178388	258.159	ug/l	97
59) 2-Hexanone	10.979	43	578719	267.561	ug/l	94
60) Dibromochloromethane	11.155	129	73629	54.659	ug/l	99
61) 1,2-Dibromoethane	11.273	107	66378	53.354	ug/l	100
64) Tetrachloroethene	10.844	164	43036	46.247	ug/l	98
65) Chlorobenzene	11.755	112	176790	48.112	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	63171	50.213	ug/l	98
67) Ethyl Benzene	11.843	91	307751	44.795	ug/l	99
68) m/p-Xylenes	11.972	106	230003	90.635	ug/l	100
69) o-Xylene	12.342	106	119577	47.405	ug/l	100
70) Styrene	12.360	104	219577	48.341	ug/l	97
71) Bromoform	12.548	173	53522	55.637	ug/l #	99
73) Isopropylbenzene	12.689	105	302136	42.927	ug/l	97
74) N-amyl acetate	12.477	43	177851	50.094	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.977	83	122685	50.871	ug/l	99
76) 1,2,3-Trichloropropane	13.036	75	106085m	50.423	ug/l	
77) Bromobenzene	13.006	156	71738	48.037	ug/l	93
78) n-propylbenzene	13.077	91	347937	41.609	ug/l	97
79) 2-Chlorotoluene	13.171	91	215122	44.905	ug/l	98
80) 1,3,5-Trimethylbenzene	13.235	105	248086	43.883	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	48971	54.614	ug/l	89
82) 4-Chlorotoluene	13.282	91	222065	45.552	ug/l	99
83) tert-Butylbenzene	13.535	119	224083	42.824	ug/l	95
84) 1,2,4-Trimethylbenzene	13.582	105	255975	44.583	ug/l	99
85) sec-Butylbenzene	13.735	105	312925	40.771	ug/l	96
86) p-Isopropyltoluene	13.864	119	258644	40.362	ug/l	99
87) 1,3-Dichlorobenzene	13.864	146	139904	45.661	ug/l	98
88) 1,4-Dichlorobenzene	13.958	146	142059	46.027	ug/l	99
89) n-Butylbenzene	14.234	91	236241	39.912	ug/l	96
90) Hexachloroethane	14.546	117	43265	43.763	ug/l	91
91) 1,2-Dichlorobenzene	14.287	146	142577	47.500	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.992	75	25939	49.872	ug/l	96
93) 1,2,4-Trichlorobenzene	15.774	180	84834	43.944	ug/l	99
94) Hexachlorobutadiene	15.897	225	27249	34.222	ug/l	98
95) Naphthalene	16.067	128	319390	47.249	ug/l	99
96) 1,2,3-Trichlorobenzene	16.297	180	86733	45.537	ug/l	98

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

