

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019195.D
 Acq On : 29 Oct 2025 10:21
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 30 08:29:20 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	7.554	168	156310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	266232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	214680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.929	152	101648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.935	65	52259	20.785	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.580%	
35) Dibromofluoromethane	7.471	113	34822	20.680	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.360%	
50) Toluene-d8	10.227	98	139660	20.424	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.840%	
62) 4-Bromofluorobenzene	12.859	95	43866	20.406	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	15679	17.033	ug/l	91
3) Chloromethane	2.095	50	29063	20.232	ug/l	89
4) Vinyl Chloride	2.189	62	35774	19.713	ug/l	98
5) Bromomethane	2.536	94	29476	29.560	ug/l	97
6) Chloroethane	2.671	64	31133	18.908	ug/l	93
7) Trichlorofluoromethane	2.971	101	62164	18.502	ug/l	99
8) Diethyl Ether	3.341	74	30457	18.900	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.664	101	30551	18.741	ug/l	90
10) Methyl Iodide	3.846	142	25014	18.953	ug/l	95
11) Tert butyl alcohol	4.639	59	56791	106.266	ug/l	99
12) 1,1-Dichloroethene	3.640	96	27870	18.504	ug/l	95
13) Acrolein	3.523	56	8699	95.418	ug/l	98
14) Allyl chloride	4.193	41	58234	19.604	ug/l	90
15) Acrylonitrile	4.816	53	125148	96.021	ug/l	99
16) Acetone	3.717	43	151927	95.490	ug/l	98
17) Carbon Disulfide	3.940	76	39716	19.400	ug/l	99
18) Methyl Acetate	4.199	43	96201	21.744	ug/l	95
19) Methyl tert-butyl Ether	4.874	73	128117	18.832	ug/l	98
20) Methylene Chloride	4.398	84	33124	19.706	ug/l	93
21) trans-1,2-Dichloroethene	4.874	96	24863	19.384	ug/l	89
22) Diisopropyl ether	5.773	45	134370	19.054	ug/l	98
23) Vinyl Acetate	5.714	43	467408	92.774	ug/l	100
24) 1,1-Dichloroethane	5.667	63	64116	19.435	ug/l	99
25) 2-Butanone	6.672	43	178199	92.664	ug/l	99
26) 2,2-Dichloropropane	6.655	77	53984	18.964	ug/l	100
27) cis-1,2-Dichloroethene	6.660	96	34981	19.434	ug/l	96
28) Bromochloromethane	7.042	49	35828	20.321	ug/l #	99
29) Tetrahydrofuran	7.066	42	109336	97.717	ug/l	92
30) Chloroform	7.236	83	60009	19.429	ug/l	99
31) Cyclohexane	7.536	56	46374	18.904	ug/l	93
32) 1,1,1-Trichloroethane	7.448	97	47987	19.518	ug/l	98
36) 1,1-Dichloropropene	7.683	75	35797	18.900	ug/l	98
37) Ethyl Acetate	6.772	43	62683	19.441	ug/l	97
38) Carbon Tetrachloride	7.665	117	32937	19.126	ug/l	95
39) Methylcyclohexane	9.093	83	39746	18.992	ug/l	96
40) Benzene	7.953	78	122531	19.111	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.019	41	29912	18.432	ug/l #	87
42) 1,2-Dichloroethane	8.041	62	44165	19.603	ug/l	96
43) Isopropyl Acetate	8.088	43	100035	19.512	ug/l	96
44) Trichloroethene	8.823	130	24436	19.498	ug/l	94
45) 1,2-Dichloropropane	9.140	63	31464	19.287	ug/l	100
46) Dibromomethane	9.234	93	18653	18.999	ug/l	93
47) Bromodichloromethane	9.451	83	42576	19.235	ug/l	98
48) Methyl methacrylate	9.228	41	44986	19.535	ug/l	91
49) 1,4-Dioxane	9.234	88	17762	410.655	ug/l	94
51) 4-Methyl-2-Pentanone	10.104	43	293548	95.068	ug/l	97
52) Toluene	10.303	92	70217	19.167	ug/l	98
53) t-1,3-Dichloropropene	10.556	75	45927	19.170	ug/l	99
54) cis-1,3-Dichloropropene	9.945	75	47986	19.343	ug/l	95
55) 1,1,2-Trichloroethane	10.762	97	28771	19.912	ug/l	98
56) Ethyl methacrylate	10.609	69	53176	19.150	ug/l	94
57) 1,3-Dichloropropane	10.926	76	49040	19.123	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.786	63	65942	88.241	ug/l	97
59) 2-Hexanone	10.979	43	218881	93.573	ug/l	95
60) Dibromochloromethane	11.149	129	28039	19.247	ug/l	99
61) 1,2-Dibromoethane	11.267	107	26286	19.537	ug/l	99
64) Tetrachloroethene	10.838	164	18936	19.406	ug/l	97
65) Chlorobenzene	11.755	112	75186	19.513	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.837	131	24900	18.875	ug/l	98
67) Ethyl Benzene	11.843	91	136388	18.932	ug/l	97
68) m/p-Xylenes	11.966	106	101348	38.086	ug/l	100
69) o-Xylene	12.336	106	49877	18.857	ug/l	97
70) Styrene	12.360	104	90104	18.917	ug/l	98
71) Bromoform	12.548	173	18851	18.688	ug/l #	96
73) Isopropylbenzene	12.683	105	135574	19.374	ug/l	98
74) N-amyl acetate	12.471	43	68000	19.265	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.971	83	48263	20.129	ug/l	97
76) 1,2,3-Trichloropropane	13.030	75	43321m	20.555	ug/l	
77) Bromobenzene	13.000	156	28877	19.449	ug/l	91
78) n-propylbenzene	13.071	91	161132	19.383	ug/l	96
79) 2-Chlorotoluene	13.171	91	91656	19.244	ug/l	99
80) 1,3,5-Trimethylbenzene	13.229	105	109301	19.446	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	17122	19.206	ug/l	95
82) 4-Chlorotoluene	13.282	91	93288	19.247	ug/l	99
83) tert-Butylbenzene	13.529	119	102236	19.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.582	105	111437	19.522	ug/l	98
85) sec-Butylbenzene	13.729	105	148275	19.431	ug/l	96
86) p-Isopropyltoluene	13.858	119	123345	19.360	ug/l	98
87) 1,3-Dichlorobenzene	13.858	146	59856	19.649	ug/l	99
88) 1,4-Dichlorobenzene	13.952	146	60183	19.613	ug/l	99
89) n-Butylbenzene	14.228	91	114761	19.501	ug/l	97
90) Hexachloroethane	14.540	117	18606	18.930	ug/l	91
91) 1,2-Dichlorobenzene	14.287	146	59346	19.886	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.986	75	10123	19.577	ug/l	95
93) 1,2,4-Trichlorobenzene	15.768	180	37364	19.467	ug/l	99
94) Hexachlorobutadiene	15.897	225	15008	18.958	ug/l	96
95) Naphthalene	16.061	128	130484	19.416	ug/l	98
96) 1,2,3-Trichlorobenzene	16.291	180	36549	19.301	ug/l	98

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

