

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019199.D
 Acq On : 29 Oct 2025 12:42
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 ICVVT102925

Quant Time: Oct 30 08:45:28 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

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	143995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	246224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	199625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.929	152	98670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.942	65	121609	52.505	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.000%	
35) Dibromofluoromethane	7.471	113	81958	52.628	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.260%	
50) Toluene-d8	10.233	98	306573	48.477	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.960%	
62) 4-Bromofluorobenzene	12.859	95	96220	48.398	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.866	85	42258	49.832	ug/l	97
3) Chloromethane	2.107	50	60329m	46.161	ug/l	
4) Vinyl Chloride	2.183	62	73291	43.841	ug/l	97
5) Bromomethane	2.512	94	30231m	33.571	ug/l	
6) Chloroethane	2.648	64	65775	43.364	ug/l	95
7) Trichlorofluoromethane	2.959	101	132089	42.676	ug/l	95
8) Diethyl Ether	3.335	74	76980	51.856	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.652	101	68808	45.820	ug/l	93
10) Methyl Iodide	3.840	142	64222	52.823	ug/l	97
11) Tert butyl alcohol	4.645	59	149086	302.826	ug/l	99
12) 1,1-Dichloroethene	3.635	96	63149	45.513	ug/l	99
13) Acrolein	3.517	56	22348	266.096	ug/l	95
14) Allyl chloride	4.193	41	134252	49.060	ug/l	90
15) Acrylonitrile	4.816	53	333498	277.764	ug/l	100
16) Acetone	3.717	43	329410	238.380	ug/l	99
17) Carbon Disulfide	3.934	76	86913	46.086	ug/l	98
18) Methyl Acetate	4.199	43	233979	57.408	ug/l	96
19) Methyl tert-butyl Ether	4.874	73	339660	54.196	ug/l	97
20) Methylene Chloride	4.399	84	78253	50.535	ug/l	97
21) trans-1,2-Dichloroethene	4.869	96	56581	47.884	ug/l	94
22) Diisopropyl ether	5.773	45	337565	51.962	ug/l	97
23) Vinyl Acetate	5.715	43	1255223	270.453	ug/l	99
24) 1,1-Dichloroethane	5.662	63	152175	50.073	ug/l	99
25) 2-Butanone	6.667	43	456774	257.837	ug/l	96
26) 2,2-Dichloropropane	6.655	77	118617	45.233	ug/l	98
27) cis-1,2-Dichloroethene	6.661	96	87305	52.651	ug/l	98
28) Bromochloromethane	7.048	49	87685	53.987	ug/l #	99
29) Tetrahydrofuran	7.066	42	292657	283.927	ug/l	91
30) Chloroform	7.236	83	146555	51.508	ug/l	98
31) Cyclohexane	7.536	56	95937	42.453	ug/l	94
32) 1,1,1-Trichloroethane	7.442	97	112387	49.622	ug/l	99
36) 1,1-Dichloropropene	7.683	75	82130	46.887	ug/l	99
37) Ethyl Acetate	6.772	43	167711	56.243	ug/l	97
38) Carbon Tetrachloride	7.665	117	77966	48.952	ug/l	99
39) Methylcyclohexane	9.093	83	88555	45.754	ug/l	97
40) Benzene	7.953	78	293881	49.562	ug/l	97

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41) Methacrylonitrile	7.019	41	76342	50.888	ug/l	87
42) 1,2-Dichloroethane	8.041	62	111929	53.717	ug/l	99
43) Isopropyl Acetate	8.094	43	259648	54.759	ug/l #	91
44) Trichloroethene	8.823	130	56194	48.482	ug/l	96
45) 1,2-Dichloropropane	9.140	63	77519	51.381	ug/l	97
46) Dibromomethane	9.240	93	48331	53.227	ug/l	95
47) Bromodichloromethane	9.457	83	108495	52.999	ug/l	98
48) Methyl methacrylate	9.228	41	115207	54.093	ug/l	89
49) 1,4-Dioxane	9.234	88	44673	1116.760	ug/l	95
51) 4-Methyl-2-Pentanone	10.110	43	790140	276.688	ug/l	96
52) Toluene	10.304	92	165395	48.815	ug/l	97
53) t-1,3-Dichloropropene	10.556	75	116195	52.442	ug/l	99
54) cis-1,3-Dichloropropene	9.945	75	120149	52.367	ug/l	95
55) 1,1,2-Trichloroethane	10.762	97	71272	53.334	ug/l	99
56) Ethyl methacrylate	10.615	69	140593	54.746	ug/l	92
57) 1,3-Dichloropropane	10.926	76	125423	52.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.786	63	185157	267.903	ug/l	97
59) 2-Hexanone	10.979	43	564629	260.996	ug/l	93
60) Dibromochloromethane	11.155	129	72737	53.986	ug/l	100
61) 1,2-Dibromoethane	11.273	107	65140	52.349	ug/l	98
64) Tetrachloroethene	10.844	164	42710	47.070	ug/l	98
65) Chlorobenzene	11.755	112	176595	49.287	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	62079	50.606	ug/l	98
67) Ethyl Benzene	11.843	91	313249	46.761	ug/l	100
68) m/p-Xylenes	11.972	106	236279	95.489	ug/l	100
69) o-Xylene	12.342	106	118766	48.287	ug/l	98
70) Styrene	12.360	104	219989	49.670	ug/l	98
71) Bromoform	12.548	173	52382	55.844	ug/l #	98
73) Isopropylbenzene	12.683	105	315892	46.505	ug/l	97
74) N-amyl acetate	12.472	43	181126	52.862	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.977	83	121280	52.108	ug/l	96
76) 1,2,3-Trichloropropane	13.030	75	103936m	51.189	ug/l	
77) Bromobenzene	13.000	156	70543	48.946	ug/l	92
78) n-propylbenzene	13.077	91	373758	46.314	ug/l	97
79) 2-Chlorotoluene	13.171	91	218039	47.160	ug/l	96
80) 1,3,5-Trimethylbenzene	13.230	105	255548	46.838	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	48309	55.825	ug/l	91
82) 4-Chlorotoluene	13.282	91	227000	48.249	ug/l	98
83) tert-Butylbenzene	13.529	119	240426	47.610	ug/l	96
84) 1,2,4-Trimethylbenzene	13.582	105	258900	46.724	ug/l	97
85) sec-Butylbenzene	13.735	105	346167	46.734	ug/l	95
86) p-Isopropyltoluene	13.864	119	279948	45.267	ug/l	98
87) 1,3-Dichlorobenzene	13.864	146	140805	47.618	ug/l	99
88) 1,4-Dichlorobenzene	13.952	146	142349	47.789	ug/l	99
89) n-Butylbenzene	14.234	91	270954	47.433	ug/l	97
90) Hexachloroethane	14.546	117	46022	48.236	ug/l	93
91) 1,2-Dichlorobenzene	14.287	146	143274	49.459	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.986	75	27557	54.900	ug/l	94
93) 1,2,4-Trichlorobenzene	15.774	180	91896	49.324	ug/l	99
94) Hexachlorobutadiene	15.897	225	36550	47.564	ug/l	98
95) Naphthalene	16.062	128	338036	51.817	ug/l	99
96) 1,2,3-Trichlorobenzene	16.297	180	91373	49.709	ug/l	99

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

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