

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
 Data File : VT019153.D
 Acq On : 3 Oct 2025 18:28
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 ICVVT100325

Quant Time: Oct 04 01:50:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T100325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 01:46:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

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

Internal Standards						
1) Pentafluorobenzene	7.542	168	255692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	459581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.719	117	392822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.923	152	199511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.924	65	161567	48.440	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.880%	
35) Dibromofluoromethane	7.454	113	120548	49.298	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.600%	
50) Toluene-d8	10.221	98	317149	50.603	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.200%	
62) 4-Bromofluorobenzene	12.853	95	154015	46.942	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.880%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.860	85	92858	55.209	ug/l	98
3) Chloromethane	2.078	50	157902	46.131	ug/l	96
4) Vinyl Chloride	2.172	62	123186	49.956	ug/l	100
5) Bromomethane	2.501	94	23153	27.855	ug/l	98
6) Chloroethane	2.630	64	72655	53.798	ug/l	98
7) Trichlorofluoromethane	2.935	101	160973	50.328	ug/l	97
8) Diethyl Ether	3.323	74	117550	52.974	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.635	101	101261	48.930	ug/l	98
10) Methyl Iodide	3.823	142	189258	57.144	ug/l	99
11) Tert butyl alcohol	4.645	59	324099	246.751	ug/l	99
12) 1,1-Dichloroethene	3.617	96	121983	49.971	ug/l	99
13) Acrolein	3.505	56	24811	96.015	ug/l	97
14) Allyl chloride	4.169	41	372407	49.163	ug/l	99
15) Acrylonitrile	4.798	53	755471	245.315	ug/l	100
16) Acetone	3.705	43	710454	196.021	ug/l	98
17) Carbon Disulfide	3.911	76	303837	47.446	ug/l	100
18) Methyl Acetate	4.181	43	446713	53.703	ug/l	99
19) Methyl tert-butyl Ether	4.857	73	719970	49.718	ug/l	99
20) Methylene Chloride	4.381	84	198061	51.640	ug/l	98
21) trans-1,2-Dichloroethene	4.845	96	145555	48.572	ug/l	98
22) Diisopropyl ether	5.762	45	767814	49.166	ug/l	98
23) Vinyl Acetate	5.697	43	3080070	246.798	ug/l	99
24) 1,1-Dichloroethane	5.644	63	344645	49.674	ug/l	100
25) 2-Butanone	6.661	43	1079756	229.404	ug/l	99
26) 2,2-Dichloropropane	6.637	77	233467	46.652	ug/l	100
27) cis-1,2-Dichloroethene	6.643	96	200447	49.833	ug/l	100
28) Bromochloromethane	7.031	49	177907	49.241	ug/l #	98
29) Tetrahydrofuran	7.054	42	729587	246.534	ug/l	99
30) Chloroform	7.219	83	322776	49.798	ug/l	99
31) Cyclohexane	7.518	56	207157	48.332	ug/l	99
32) 1,1,1-Trichloroethane	7.430	97	235032	51.225	ug/l	100
36) 1,1-Dichloropropene	7.671	75	180120	48.395	ug/l	99
37) Ethyl Acetate	6.755	43	424989	48.653	ug/l	99
38) Carbon Tetrachloride	7.648	117	158631	57.110	ug/l	97
39) Methylcyclohexane	9.081	83	165244	50.314	ug/l	99
40) Benzene	7.936	78	684547	50.641	ug/l	99

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41) Methacrylonitrile	7.007	41	199520	49.211	ug/l	98
42) 1,2-Dichloroethane	8.030	62	275215	49.396	ug/l	99
43) Isopropyl Acetate	8.082	43	626263	51.440	ug/l	100
44) Trichloroethene	8.811	130	134976	49.183	ug/l	98
45) 1,2-Dichloropropane	9.128	63	169212	50.777	ug/l	99
46) Dibromomethane	9.228	93	115848	51.412	ug/l	99
47) Bromodichloromethane	9.446	83	230289	53.684	ug/l	99
48) Methyl methacrylate	9.222	41	297882	52.746	ug/l	99
49) 1,4-Dioxane	9.222	88	103526	1014.847	ug/l	99
51) 4-Methyl-2-Pentanone	10.098	43	1817297	255.073	ug/l	100
52) Toluene	10.292	92	378939	49.707	ug/l	99
53) t-1,3-Dichloropropene	10.550	75	253708	52.621	ug/l	97
54) cis-1,3-Dichloropropene	9.933	75	267508	51.906	ug/l	99
55) 1,1,2-Trichloroethane	10.756	97	153905	50.017	ug/l	98
56) Ethyl methacrylate	10.603	69	308398	53.702	ug/l	99
57) 1,3-Dichloropropane	10.920	76	277734	50.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.775	63	600536	269.086	ug/l	99
59) 2-Hexanone	10.973	43	1349075	247.782	ug/l	100
60) Dibromochloromethane	11.144	129	156635	57.455	ug/l	100
61) 1,2-Dibromoethane	11.261	107	154746	50.950	ug/l	98
64) Tetrachloroethene	10.832	164	107630	49.269	ug/l	98
65) Chlorobenzene	11.749	112	412063	47.977	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.831	131	140471	55.874	ug/l	100
67) Ethyl Benzene	11.837	91	686927	48.936	ug/l	99
68) m/p-Xylenes	11.960	106	532058	97.493	ug/l	100
69) o-Xylene	12.336	106	272683	48.744	ug/l	99
70) Styrene	12.348	104	482912	50.055	ug/l	100
71) Bromoform	12.542	173	109325	49.599	ug/l #	99
73) Isopropylbenzene	12.677	105	614242	48.131	ug/l	100
74) N-amyl acetate	12.466	43	435282	53.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.965	83	238039	48.417	ug/l	99
76) 1,2,3-Trichloropropane	13.024	75	205164m	46.455	ug/l	
77) Bromobenzene	12.994	156	175884	48.193	ug/l	98
78) n-propylbenzene	13.065	91	702461	47.594	ug/l	100
79) 2-Chlorotoluene	13.165	91	465651	47.433	ug/l	100
80) 1,3,5-Trimethylbenzene	13.224	105	530312	48.205	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	85944	54.642	ug/l	99
82) 4-Chlorotoluene	13.276	91	476111	46.108	ug/l	99
83) tert-Butylbenzene	13.523	119	442214	48.336	ug/l	99
84) 1,2,4-Trimethylbenzene	13.576	105	551115	47.714	ug/l	100
85) sec-Butylbenzene	13.729	105	590951	48.154	ug/l	100
86) p-Isopropyltoluene	13.858	119	537783	48.370	ug/l	99
87) 1,3-Dichlorobenzene	13.858	146	318124	46.840	ug/l	99
88) 1,4-Dichlorobenzene	13.946	146	319427	45.274	ug/l	100
89) n-Butylbenzene	14.228	91	445188	48.295	ug/l	100
90) Hexachloroethane	14.540	117	73476	48.911	ug/l	99
91) 1,2-Dichlorobenzene	14.281	146	308556	47.947	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.986	75	54467	53.164	ug/l	99
93) 1,2,4-Trichlorobenzene	15.768	180	196758	47.097	ug/l	100
94) Hexachlorobutadiene	15.897	225	61042	50.454	ug/l	99
95) Naphthalene	16.061	128	711240	47.448	ug/l	100
96) 1,2,3-Trichlorobenzene	16.291	180	199387	47.609	ug/l	100

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

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