

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086866.D
 Acq On : 06 Jun 2025 14:26
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 07 01:58:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 01:51:02 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	181996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	290313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	238957	98.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 196.120%#			
35) Dibromofluoromethane	8.177	113	195212	100.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.980%#			
50) Toluene-d8	10.570	98	772210	100.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 200.840%#			
62) 4-Bromofluorobenzene	12.847	95	292385	102.339	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 204.680%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	194799	107.350	ug/l	100
3) Chloromethane	2.395	50	224558	95.833	ug/l	98
4) Vinyl Chloride	2.553	62	245135	101.414	ug/l	98
5) Bromomethane	2.977	94	137967	101.996	ug/l	99
6) Chloroethane	3.147	64	152150	97.447	ug/l	97
7) Trichlorofluoromethane	3.524	101	312394	98.917	ug/l	99
8) Diethyl Ether	3.983	74	139844	101.631	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	198739	100.163	ug/l	99
10) Methyl Iodide	4.612	142	262771	102.162	ug/l	99
11) Tert butyl alcohol	5.547	59	327987	496.062	ug/l	99
12) 1,1-Dichloroethene	4.359	96	200212	98.838	ug/l	99
13) Acrolein	4.200	56	94171	449.961	ug/l	98
14) Allyl chloride	5.047	41	329412	98.055	ug/l	99
15) Acrylonitrile	5.735	53	770470	498.552	ug/l	99
16) Acetone	4.447	43	608178	470.648	ug/l	98
17) Carbon Disulfide	4.736	76	544511	97.179	ug/l	100
18) Methyl Acetate	5.047	43	381808	101.390	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	735694	100.306	ug/l	100
20) Methylene Chloride	5.294	84	228800	94.575	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	215177	95.476	ug/l	99
22) Diisopropyl ether	6.688	45	696881	98.409	ug/l	98
23) Vinyl Acetate	6.618	43	2919350	487.936	ug/l	100
24) 1,1-Dichloroethane	6.588	63	404207	99.186	ug/l	99
25) 2-Butanone	7.494	43	1043385	496.743	ug/l	100
26) 2,2-Dichloropropane	7.500	77	331995	104.729	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	265248	98.410	ug/l	99
28) Bromochloromethane	7.824	49	188050	93.851	ug/l	99
29) Tetrahydrofuran	7.847	42	677636	495.240	ug/l	99
30) Chloroform	7.977	83	394927	97.040	ug/l	99
31) Cyclohexane	8.265	56	374933	94.869	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	336819	97.306	ug/l	99
36) 1,1-Dichloropropene	8.382	75	289907	100.156	ug/l	99
37) Ethyl Acetate	7.571	43	370652	100.591	ug/l	99
38) Carbon Tetrachloride	8.371	117	285325	100.404	ug/l	98
39) Methylcyclohexane	9.606	83	395603	99.758	ug/l	99
40) Benzene	8.612	78	927083	97.946	ug/l	100

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41) Methacrylonitrile	7.794	41	195946	94.688	ug/l	95
42) 1,2-Dichloroethane	8.676	62	282015	98.232	ug/l	100
43) Isopropyl Acetate	8.694	43	579464	97.981	ug/l	99
44) Trichloroethene	9.359	130	222822	99.280	ug/l	97
45) 1,2-Dichloropropane	9.629	63	230454	100.077	ug/l	98
46) Dibromomethane	9.712	93	155530	101.685	ug/l	99
47) Bromodichloromethane	9.894	83	316375	100.533	ug/l	100
48) Methyl methacrylate	9.682	41	275710	101.288	ug/l	99
49) 1,4-Dioxane	9.706	88	104771	2115.744	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	1843274	517.729	ug/l	99
52) Toluene	10.635	92	578978	100.092	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	359200	102.077	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	383030	101.730	ug/l	99
55) 1,1,2-Trichloroethane	11.017	97	219922	98.808	ug/l	98
56) Ethyl methacrylate	10.882	69	389802	109.955	ug/l	99
57) 1,3-Dichloropropane	11.165	76	382510	99.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1113523	526.621	ug/l	100
59) 2-Hexanone	11.200	43	1301539	567.535	ug/l	99
60) Dibromochloromethane	11.359	129	237965	102.616	ug/l	100
61) 1,2-Dibromoethane	11.470	107	232214	101.787	ug/l	98
64) Tetrachloroethene	11.106	164	181568	98.824	ug/l	94
65) Chlorobenzene	11.894	112	632563	98.793	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	206895	100.521	ug/l	100
67) Ethyl Benzene	11.964	91	1110803	100.717	ug/l	99
68) m/p-Xylenes	12.070	106	854557	202.411	ug/l	99
69) o-Xylene	12.400	106	412719	102.070	ug/l	100
70) Styrene	12.412	104	713548	103.127	ug/l	100
71) Bromoform	12.576	173	165781	108.707	ug/l #	99
73) Isopropylbenzene	12.694	105	1065297	99.410	ug/l	100
74) N-amyl acetate	12.506	43	403587	113.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	354386	97.616	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	353334m	100.738	ug/l	
77) Bromobenzene	12.982	156	246413	100.266	ug/l	99
78) n-propylbenzene	13.035	91	1301631	99.948	ug/l	100
79) 2-Chlorotoluene	13.123	91	770308	98.630	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	901317	101.873	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	160736	105.820	ug/l	92
82) 4-Chlorotoluene	13.223	91	783657	99.166	ug/l	100
83) tert-Butylbenzene	13.435	119	807528	99.710	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	904794	101.983	ug/l	100
85) sec-Butylbenzene	13.617	105	1182155	100.513	ug/l	99
86) p-Isopropyltoluene	13.729	119	990273	101.857	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	474162	98.063	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	483003	97.978	ug/l	99
89) n-Butylbenzene	14.053	91	937913	99.598	ug/l	100
90) Hexachloroethane	14.335	117	169772	103.019	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	458049	98.602	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	83243	95.877	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	298870	100.751	ug/l	99
94) Hexachlorobutadiene	15.500	225	112496	101.789	ug/l	98
95) Naphthalene	15.641	128	1129434	102.290	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	294127	99.796	ug/l	99

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

