

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086673.D
 Acq On : 16 May 2025 18:08
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: May 17 00:16:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:09:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	366335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139132	48.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.320%		
35) Dibromofluoromethane	8.165	113	109307	59.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	119.920%		
50) Toluene-d8	10.565	98	458089	50.416	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.840%		
62) 4-Bromofluorobenzene	12.847	95	164814	49.931	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	120236	50.424	ug/l	100
3) Chloromethane	2.359	50	156934	45.149	ug/l	100
4) Vinyl Chloride	2.512	62	151154	46.165	ug/l	100
5) Bromomethane	2.942	94	80874	53.143	ug/l	100
6) Chloroethane	3.112	64	93444	42.763	ug/l	100
7) Trichlorofluoromethane	3.495	101	176535	48.159	ug/l	100
8) Diethyl Ether	3.959	74	72328	45.601	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	106022	47.918	ug/l	100
10) Methyl Iodide	4.583	142	130592	52.819	ug/l	100
11) Tert butyl alcohol	5.518	59	122272	231.093	ug/l	100
12) 1,1-Dichloroethene	4.336	96	109886	46.567	ug/l	100
13) Acrolein	4.177	56	134375	372.708	ug/l	100
14) Allyl chloride	5.018	41	165431	40.065	ug/l	100
15) Acrylonitrile	5.718	53	312458	238.782	ug/l	100
16) Acetone	4.424	43	243902	210.585	ug/l	100
17) Carbon Disulfide	4.712	76	309553	43.833	ug/l	100
18) Methyl Acetate	5.018	43	132976	38.953	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	383825	44.540	ug/l	100
20) Methylene Chloride	5.271	84	126581	46.913	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	115816	46.868	ug/l	100
22) Diisopropyl ether	6.665	45	385688	42.813	ug/l	100
23) Vinyl Acetate	6.600	43	1462943	229.724	ug/l	100
24) 1,1-Dichloroethane	6.571	63	221538	46.174	ug/l	100
25) 2-Butanone	7.477	43	402916	224.413	ug/l	100
26) 2,2-Dichloropropane	7.489	77	178757	42.029	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	142862	46.629	ug/l	100
28) Bromochloromethane	7.812	49	101861	49.651	ug/l	100
29) Tetrahydrofuran	7.836	42	265547	221.224	ug/l	100
30) Chloroform	7.959	83	219404	46.418	ug/l	100
31) Cyclohexane	8.253	56	197288	42.429	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	189597	46.845	ug/l	100
36) 1,1-Dichloropropene	8.365	75	159488	47.088	ug/l	100
37) Ethyl Acetate	7.559	43	159707	44.832	ug/l	100
38) Carbon Tetrachloride	8.359	117	157560	48.589	ug/l	100
39) Methylcyclohexane	9.600	83	176457	44.277	ug/l	100
40) Benzene	8.606	78	513727	47.252	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	87794	42.982	ug/l	100
42) 1,2-Dichloroethane	8.665	62	160313	46.310	ug/l	100
43) Isopropyl Acetate	8.688	43	282433	33.201	ug/l	100
44) Trichloroethene	9.347	130	125647	48.612	ug/l	100
45) 1,2-Dichloropropane	9.618	63	122982	46.461	ug/l	100
46) Dibromomethane	9.706	93	83377	49.113	ug/l	100
47) Bromodichloromethane	9.883	83	172626	47.166	ug/l	100
48) Methyl methacrylate	9.677	41	128661	41.698	ug/l	100
49) 1,4-Dioxane	9.694	88	54709	1002.364	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	825673	228.029	ug/l	100
52) Toluene	10.630	92	324906	47.903	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	188352	46.497	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	200078	44.899	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	117677	48.104	ug/l	100
56) Ethyl methacrylate	10.871	69	204115	45.731	ug/l	100
57) 1,3-Dichloropropane	11.159	76	205784	47.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	473490	225.901	ug/l	100
59) 2-Hexanone	11.194	43	609102	226.589	ug/l	100
60) Dibromochloromethane	11.359	129	127861	47.766	ug/l	100
61) 1,2-Dibromoethane	11.465	107	122201	49.356	ug/l	100
64) Tetrachloroethene	11.100	164	122991	48.018	ug/l	100
65) Chlorobenzene	11.888	112	353206	47.433	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	116442	47.425	ug/l	100
67) Ethyl Benzene	11.959	91	621554	46.525	ug/l	100
68) m/p-Xylenes	12.065	106	477853	95.244	ug/l	100
69) o-Xylene	12.394	106	240345	48.249	ug/l	100
70) Styrene	12.406	104	399975	48.396	ug/l	100
71) Bromoform	12.576	173	86917	47.062	ug/l #	100
73) Isopropylbenzene	12.694	105	564854	43.614	ug/l	100
74) N-amyl acetate	12.488	43	240871	37.908	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	168088	44.680	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	165513m	44.062	ug/l	
77) Bromobenzene	12.976	156	139072	47.906	ug/l	100
78) n-propylbenzene	13.029	91	669285	43.966	ug/l	100
79) 2-Chlorotoluene	13.123	91	425476	44.441	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	467786	44.125	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	71696	45.952	ug/l	100
82) 4-Chlorotoluene	13.218	91	423764	44.713	ug/l	100
83) tert-Butylbenzene	13.435	119	398675	43.347	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	475848	44.171	ug/l	100
85) sec-Butylbenzene	13.612	105	551208	43.492	ug/l	100
86) p-Isopropyltoluene	13.723	119	462804	44.309	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	255624	47.060	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	252548	46.266	ug/l	100
89) n-Butylbenzene	14.053	91	389739	42.505	ug/l	100
90) Hexachloroethane	14.329	117	75794	43.139	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	247292	46.963	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32007	42.959	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	109515	44.128	ug/l	100
94) Hexachlorobutadiene	15.500	225	41916	44.437	ug/l	100
95) Naphthalene	15.635	128	385716	43.787	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	104176	44.139	ug/l	100

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

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