

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063025\
 Data File : VN087243.D
 Acq On : 30 Jun 2025 14:51
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 01 02:55:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:39:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/01/2025
 Supervised By : Mahesh Dadoda 07/01/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	144785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	231495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	284800	156.730	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 313.460%#			
35) Dibromofluoromethane	8.171	113	239662	161.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 323.360%#			
50) Toluene-d8	10.565	98	961393	166.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 332.800%#			
62) 4-Bromofluorobenzene	12.847	95	350896	170.692	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 341.380%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.154	85	232015	164.665	ug/l	98
3) Chloromethane	2.395	50	185994	162.563	ug/l	97
4) Vinyl Chloride	2.554	62	212464	151.044	ug/l	97
5) Bromomethane	2.959	94	208471	162.411	ug/l	99
6) Chloroethane	3.136	64	162523	145.867	ug/l	94
7) Trichlorofluoromethane	3.518	101	348210	142.660	ug/l	99
8) Diethyl Ether	3.977	74	119483	153.392	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	209895	148.114	ug/l	100
10) Methyl Iodide	4.606	142	238964	169.942	ug/l	99
11) Tert butyl alcohol	5.553	59	240570	726.420	ug/l	99
12) 1,1-Dichloroethene	4.365	96	205963	152.987	ug/l	98
13) Acrolein	4.200	56	195041	850.319	ug/l	97
14) Allyl chloride	5.048	41	255342	154.757	ug/l	98
15) Acrylonitrile	5.736	53	634435	771.123	ug/l	100
16) Acetone	4.448	43	491715	707.789	ug/l	98
17) Carbon Disulfide	4.736	76	571179	141.408	ug/l	97
18) Methyl Acetate	5.042	43	240471	151.201	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	755437	160.106	ug/l	99
20) Methylene Chloride	5.295	84	218472	141.960	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	243156	149.470	ug/l	99
22) Diisopropyl ether	6.683	45	681059	172.402	ug/l	97
23) Vinyl Acetate	6.618	43	3242675	887.566	ug/l	97
24) 1,1-Dichloroethane	6.583	63	397782	153.686	ug/l	98
25) 2-Butanone	7.494	43	869715	801.082	ug/l	99
26) 2,2-Dichloropropane	7.500	77	378234	152.715	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	291807	155.323	ug/l	99
28) Bromochloromethane	7.824	49	182313	159.583	ug/l	94
29) Tetrahydrofuran	7.847	42	595175	850.732	ug/l	97
30) Chloroform	7.971	83	443990	154.763	ug/l	99
31) Cyclohexane	8.265	56	359235	145.162	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	401169	150.153	ug/l	96
36) 1,1-Dichloropropene	8.377	75	323489	160.482	ug/l	100
37) Ethyl Acetate	7.571	43	353864	163.305	ug/l	99
38) Carbon Tetrachloride	8.371	117	355556	155.668	ug/l	99
39) Methylcyclohexane	9.606	83	397360	165.531	ug/l	97
40) Benzene	8.612	78	982098	157.264	ug/l	99

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41) Methacrylonitrile	7.789	41	179444	173.198	ug/l	98
42) 1,2-Dichloroethane	8.677	62	327038	157.473	ug/l	100
43) Isopropyl Acetate	8.694	43	569057	169.340	ug/l	99
44) Trichloroethene	9.353	130	257135	154.958	ug/l	97
45) 1,2-Dichloropropane	9.624	63	222118	163.131	ug/l	96
46) Dibromomethane	9.712	93	181357	156.568	ug/l	99
47) Bromodichloromethane	9.888	83	343525	155.500	ug/l	99
48) Methyl methacrylate	9.682	41	254189	179.473	ug/l	96
49) 1,4-Dioxane	9.706	88	90644	3038.212	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	1853562	901.509	ug/l	99
52) Toluene	10.630	92	680922	166.257	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	404704	170.798	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	401966	166.504	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	241610	156.165	ug/l	99
56) Ethyl methacrylate	10.877	69	407510	179.778	ug/l	97
57) 1,3-Dichloropropane	11.165	76	401258	158.907	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	1063072	887.389	ug/l	97
59) 2-Hexanone	11.200	43	1322306	916.442	ug/l	95
60) Dibromochloromethane	11.359	129	291756	159.971	ug/l	100
61) 1,2-Dibromoethane	11.471	107	269210	161.763	ug/l	99
64) Tetrachloroethene	11.106	164	224325	154.728	ug/l	96
65) Chlorobenzene	11.888	112	747168	153.137	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	260562	154.661	ug/l	99
67) Ethyl Benzene	11.965	91	1329221	168.360	ug/l	98
68) m/p-Xylenes	12.071	106	1055031	334.469	ug/l	98
69) o-Xylene	12.394	106	507405	171.961	ug/l	100
70) Styrene	12.412	104	890413	177.563	ug/l	99
71) Bromoform	12.576	173	217497	167.337	ug/l #	100
73) Isopropylbenzene	12.694	105	1284082	169.457	ug/l	99
74) N-amyl acetate	12.500	43	448007	174.773	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	389364	156.214	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	330799m	146.668	ug/l	
77) Bromobenzene	12.976	156	314972	159.233	ug/l	94
78) n-propylbenzene	13.035	91	1520560	166.122	ug/l	99
79) 2-Chlorotoluene	13.123	91	883357	162.160	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	1049859	165.753	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	161637	169.730	ug/l	96
82) 4-Chlorotoluene	13.218	91	927025	162.567	ug/l	98
83) tert-Butylbenzene	13.435	119	900660	162.303	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1080552	170.305	ug/l	100
85) sec-Butylbenzene	13.612	105	1281421	162.909	ug/l	99
86) p-Isopropyltoluene	13.723	119	1128047	166.840	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	617072	156.645	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	607219	147.627	ug/l	100
89) n-Butylbenzene	14.053	91	971482	163.194	ug/l	99
90) Hexachloroethane	14.329	117	196297	156.849	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	572170	155.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	94686	158.078	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	349927	160.619	ug/l	99
94) Hexachlorobutadiene	15.500	225	100158	144.724	ug/l	98
95) Naphthalene	15.635	128	1320934	175.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	346615	163.304	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

