

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063025\
 Data File : VN087242.D
 Acq On : 30 Jun 2025 14:30
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 01 02:54:34 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	8.229	168	140023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	224947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178130	101.362	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 202.720%#			
35) Dibromofluoromethane	8.177	113	150169	104.259	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 208.520%#			
50) Toluene-d8	10.565	98	613147	109.213	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 218.420%#			
62) 4-Bromofluorobenzene	12.847	95	220554	110.411	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 220.820%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	142337	104.455	ug/l	100
3) Chloromethane	2.395	50	112454	101.630	ug/l	97
4) Vinyl Chloride	2.553	62	139421	102.488	ug/l	99
5) Bromomethane	2.971	94	122914	99.014	ug/l	96
6) Chloroethane	3.147	64	107326	99.603	ug/l	97
7) Trichlorofluoromethane	3.524	101	229731	97.321	ug/l	97
8) Diethyl Ether	3.983	74	78710	104.484	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.400	101	136104	99.309	ug/l	99
10) Methyl Iodide	4.612	142	155087	114.042	ug/l	98
11) Tert butyl alcohol	5.547	59	156477	488.564	ug/l	100
12) 1,1-Dichloroethene	4.365	96	130582	100.293	ug/l	98
13) Acrolein	4.200	56	116332	524.420	ug/l	98
14) Allyl chloride	5.047	41	164053	102.811	ug/l	99
15) Acrylonitrile	5.736	53	401033	504.012	ug/l	99
16) Acetone	4.441	43	318207	473.614	ug/l	97
17) Carbon Disulfide	4.736	76	369523	94.595	ug/l	98
18) Methyl Acetate	5.041	43	152371	99.065	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	469578	102.906	ug/l	98
20) Methylene Chloride	5.294	84	142327	95.627	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	154052	97.917	ug/l	97
22) Diisopropyl ether	6.683	45	410415	107.425	ug/l	99
23) Vinyl Acetate	6.618	43	1941122	549.382	ug/l	98
24) 1,1-Dichloroethane	6.583	63	250943	100.251	ug/l	99
25) 2-Butanone	7.494	43	545457	519.499	ug/l	100
26) 2,2-Dichloropropane	7.500	77	240475	100.396	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	183793	101.157	ug/l	99
28) Bromochloromethane	7.824	49	113265	102.515	ug/l	98
29) Tetrahydrofuran	7.847	42	368677	544.902	ug/l	99
30) Chloroform	7.971	83	278788	100.483	ug/l	95
31) Cyclohexane	8.265	56	226194	94.510	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	251529	97.346	ug/l	98
36) 1,1-Dichloropropene	8.377	75	206454	105.403	ug/l	100
37) Ethyl Acetate	7.571	43	220517	104.729	ug/l	99
38) Carbon Tetrachloride	8.371	117	230551	103.877	ug/l	97
39) Methylcyclohexane	9.606	83	252386	108.199	ug/l	97
40) Benzene	8.612	78	621487	102.416	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	109937	109.199	ug/l	99
42) 1,2-Dichloroethane	8.677	62	211540	104.824	ug/l	100
43) Isopropyl Acetate	8.694	43	356245	109.097	ug/l	99
44) Trichloroethene	9.359	130	163911	101.654	ug/l	97
45) 1,2-Dichloropropane	9.624	63	140013	105.824	ug/l	95
46) Dibromomethane	9.712	93	114930	102.109	ug/l	99
47) Bromodichloromethane	9.888	83	218457	101.765	ug/l	98
48) Methyl methacrylate	9.682	41	154943	112.584	ug/l	99
49) 1,4-Dioxane	9.700	88	55855	1932.760	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	1161117	581.166	ug/l	98
52) Toluene	10.629	92	430256	108.111	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	255930	111.155	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	254432	108.459	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	157393	104.693	ug/l	99
56) Ethyl methacrylate	10.876	69	252974	114.851	ug/l	97
57) 1,3-Dichloropropane	11.165	76	257910	105.111	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	651832	559.949	ug/l	98
59) 2-Hexanone	11.200	43	822906	586.928	ug/l	96
60) Dibromochloromethane	11.359	129	191065	107.811	ug/l	99
61) 1,2-Dibromoethane	11.470	107	175515	108.533	ug/l	99
64) Tetrachloroethene	11.106	164	146461	102.448	ug/l	97
65) Chlorobenzene	11.888	112	485134	100.836	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	168975	101.715	ug/l	99
67) Ethyl Benzene	11.965	91	844081	108.422	ug/l	98
68) m/p-Xylenes	12.070	106	675274	217.101	ug/l	99
69) o-Xylene	12.394	106	322141	110.716	ug/l	99
70) Styrene	12.412	104	562835	113.823	ug/l	99
71) Bromoform	12.576	173	139662	108.970	ug/l #	99
73) Isopropylbenzene	12.694	105	824817	108.899	ug/l	99
74) N-amyl acetate	12.506	43	261839	102.193	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	252353	101.292	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	217465m	96.463	ug/l	
77) Bromobenzene	12.976	156	206307	104.345	ug/l	96
78) n-propylbenzene	13.035	91	990721	108.287	ug/l	99
79) 2-Chlorotoluene	13.123	91	570319	104.743	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	688975	108.826	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	101531	106.663	ug/l	96
82) 4-Chlorotoluene	13.217	91	608108	106.689	ug/l	98
83) tert-Butylbenzene	13.435	119	587629	105.942	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	702592	110.786	ug/l	99
85) sec-Butylbenzene	13.611	105	854334	108.662	ug/l	99
86) p-Isopropyltoluene	13.723	119	736941	109.045	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	403426	102.457	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	394932	96.060	ug/l	99
89) n-Butylbenzene	14.053	91	635021	106.723	ug/l	99
90) Hexachloroethane	14.329	117	127720	102.100	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	369767	100.413	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	60505	101.059	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	220115	101.080	ug/l	99
94) Hexachlorobutadiene	15.494	225	61751	89.269	ug/l	98
95) Naphthalene	15.635	128	821381	109.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	215640	101.643	ug/l	99

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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

