

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087332.D
 Acq On : 16 Jul 2025 18:32
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 17 02:20:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	192275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	339591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	314849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	168489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	314416	96.373	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 192.740%#			
35) Dibromofluoromethane	8.153	113	236468	100.947	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 201.900%#			
50) Toluene-d8	10.547	98	852301	101.999	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 204.000%#			
62) 4-Bromofluorobenzene	12.829	95	323070	104.650	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 209.300%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	233197	114.190	ug/l	92
3) Chloromethane	2.383	50	253369	98.660	ug/l	98
4) Vinyl Chloride	2.542	62	266221	104.312	ug/l	94
5) Bromomethane	2.959	94	136793	103.503	ug/l	96
6) Chloroethane	3.124	64	159422	95.783	ug/l	92
7) Trichlorofluoromethane	3.501	101	369032	97.786	ug/l	98
8) Diethyl Ether	3.959	74	142652	97.445	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	188841	97.477	ug/l	100
10) Methyl Iodide	4.571	142	213127	100.524	ug/l	99
11) Tert butyl alcohol	5.536	59	309615	499.800	ug/l	99
12) 1,1-Dichloroethene	4.336	96	197760	90.083	ug/l	95
13) Acrolein	4.177	56	250115	503.102	ug/l	99
14) Allyl chloride	5.006	41	382812	96.355	ug/l	100
15) Acrylonitrile	5.706	53	839080	499.150	ug/l	100
16) Acetone	4.424	43	693485	448.375	ug/l	96
17) Carbon Disulfide	4.695	76	631695	97.056	ug/l	95
18) Methyl Acetate	5.012	43	369894	96.247	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	818763	101.186	ug/l	98
20) Methylene Chloride	5.259	84	251830	98.001	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	237704	96.030	ug/l	94
22) Diisopropyl ether	6.659	45	832709	99.921	ug/l	96
23) Vinyl Acetate	6.594	43	3859420	529.516	ug/l	97
24) 1,1-Dichloroethane	6.553	63	455820	94.807	ug/l	100
25) 2-Butanone	7.471	43	1185700	501.667	ug/l	98
26) 2,2-Dichloropropane	7.477	77	358596	95.932	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	284578	99.858	ug/l	98
28) Bromochloromethane	7.800	49	229544	99.757	ug/l	100
29) Tetrahydrofuran	7.830	42	768521	500.532	ug/l	98
30) Chloroform	7.953	83	466838	97.008	ug/l	99
31) Cyclohexane	8.241	56	377159	94.035	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	403445	96.794	ug/l	97
36) 1,1-Dichloropropene	8.353	75	324047	104.705	ug/l	99
37) Ethyl Acetate	7.547	43	448428	100.326	ug/l	99
38) Carbon Tetrachloride	8.347	117	342043	100.328	ug/l	99
39) Methylcyclohexane	9.582	83	352211	105.118	ug/l	96
40) Benzene	8.588	78	1007257	100.700	ug/l	99

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 Supervised By :Semsettin Yesilyurt 07/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	239659	102.544	ug/l	99
42) 1,2-Dichloroethane	8.653	62	369731	97.472	ug/l	99
43) Isopropyl Acetate	8.677	43	704936	101.598	ug/l	99
44) Trichloroethene	9.335	130	230373	97.472	ug/l	93
45) 1,2-Dichloropropane	9.606	63	255369	100.478	ug/l	96
46) Dibromomethane	9.694	93	185908	97.696	ug/l	98
47) Bromodichloromethane	9.871	83	375910	98.072	ug/l	97
48) Methyl methacrylate	9.665	41	334941	107.228	ug/l	97
49) 1,4-Dioxane	9.688	88	102159	2135.348	ug/l #	95
51) 4-Methyl-2-Pentanone	10.429	43	2234274	509.127	ug/l	100
52) Toluene	10.612	92	622259	102.349	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	412142	106.245	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	421386	105.164	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	242683	98.595	ug/l	97
56) Ethyl methacrylate	10.859	69	425458	98.980	ug/l	98
57) 1,3-Dichloropropane	11.147	76	431753	101.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	1052628	521.327	ug/l	99
59) 2-Hexanone	11.176	43	1631949	560.508	ug/l	99
60) Dibromochloromethane	11.341	129	287682	102.484	ug/l	99
61) 1,2-Dibromoethane	11.453	107	258936	100.051	ug/l	98
64) Tetrachloroethene	11.082	164	195044	96.252	ug/l	97
65) Chlorobenzene	11.871	112	687696	97.289	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	239722	99.736	ug/l	99
67) Ethyl Benzene	11.947	91	1199510	103.080	ug/l	99
68) m/p-Xylenes	12.053	106	924069	212.065	ug/l	99
69) o-Xylene	12.376	106	447092	107.413	ug/l	100
70) Styrene	12.394	104	766471	109.464	ug/l	98
71) Bromoform	12.559	173	202915	104.498	ug/l #	99
73) Isopropylbenzene	12.676	105	1112821	104.940	ug/l	100
74) N-amyl acetate	12.482	43	464246	112.129	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.918	83	389392	97.587	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	326434m	87.327	ug/l	
77) Bromobenzene	12.959	156	279589	101.662	ug/l	100
78) n-propylbenzene	13.018	91	1384517	103.771	ug/l	99
79) 2-Chlorotoluene	13.106	91	840073	102.452	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	943119	104.383	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	140673	101.874	ug/l	96
82) 4-Chlorotoluene	13.200	91	859965	100.734	ug/l	99
83) tert-Butylbenzene	13.418	119	800700	106.106	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	967878	104.898	ug/l	100
85) sec-Butylbenzene	13.594	105	1141320	100.410	ug/l	98
86) p-Isopropyltoluene	13.706	119	975014	107.037	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	535172	99.151	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	548212	95.097	ug/l	99
89) n-Butylbenzene	14.035	91	880763	101.260	ug/l	99
90) Hexachloroethane	14.312	117	185973	96.358	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	508902	99.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	97572	93.137	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	310448	103.357	ug/l	99
94) Hexachlorobutadiene	15.476	225	106429	95.360	ug/l	98
95) Naphthalene	15.611	128	1162930	109.289	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	308888	102.519	ug/l	98

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

