

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091225\
 Data File : VN087811.D
 Acq On : 12 Sep 2025 10:04
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 12 22:49:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	142	0.00
2 M	Dichlorodifluoromethane	20.000	17.311	13.4	131	0.00
3 M	Chloromethane	20.000	16.030	19.8	124	0.00
4 M	Vinyl Chloride	20.000	16.408	18.0	129	0.00
5 M	Bromomethane	20.000	13.298	33.5#	111	0.00
6 M	Chloroethane	20.000	15.156	24.2	120	0.00
7 M	Trichlorofluoromethane	20.000	16.967	15.2	135	0.00
8 T	Diethyl Ether	20.000	15.596	22.0	130	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	16.888	15.6	132	0.00
10 M	1,1-Dichloroethene	20.000	16.270	18.7	133	0.00
11	Methyl Iodide	20.000	11.657	41.7#	113	0.00
12	Methyl Acetate	20.000	16.633	16.8	130	0.00
13 M	Acrolein	100.000	95.383	4.6	156	0.00
14 M	Acrylonitrile	100.000	80.440	19.6	131	-0.01
15 M	Acetone	100.000	84.655	15.3	141	-0.01
16 M	Carbon Disulfide	20.000	17.148	14.3	139	0.00
17	Allyl chloride	20.000	16.471	17.6	136	0.00
18 M	Methylene Chloride	20.000	16.692	16.5	138	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.770	16.2	133	0.00
20 T	Diisopropyl ether	20.000	15.816	20.9	129	0.00
21 M	1,1-Dichloroethane	20.000	16.412	17.9	132	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.252	18.7	130	0.00
23 M	tert-Butyl Alcohol	100.000	78.891	21.1	124	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.483	17.6	137	0.00
25 M	Chloroform	20.000	16.544	17.3	131	0.00
26	Cyclohexane	20.000	16.522	17.4	136	-0.01
27 s	1,2-Dichloroethane-d4	30.000	29.085	3.0	141	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	143	0.00
29	1,1-Dichloropropene	20.000	16.617	16.9	130	0.00
30 M	2-Butanone	100.000	83.828	16.2	133	0.00
31	2,2-Dichloropropane	20.000	18.169	9.2	155	0.00
32 M	1,1,1-Trichloroethane	20.000	16.939	15.3	129	0.00
33 M	Carbon Tetrachloride	20.000	16.849	15.8	134	0.00
34 M	Benzene	20.000	16.796	16.0	132	0.00
35	Methacrylonitrile	20.000	17.703	11.5	130	0.00
36 M	1,2-Dichloroethane	20.000	16.853	15.7	130	0.00
37 M	Trichloroethene	20.000	17.789	11.1	139	0.00
38	Methylcyclohexane	20.000	17.298	13.5	140	0.00
39 M	1,2-Dichloropropane	20.000	16.679	16.6	129	0.00
40	Dibromomethane	20.000	17.488	12.6	137	0.00
41 M	Bromodichloromethane	20.000	17.362	13.2	134	0.00
42 M	Vinyl Acetate	100.000	79.581	20.4	128	0.00
43	Ethyl Acetate	20.000	16.918	15.4	129	0.00
44	Isopropyl Acetate	20.000	16.122	19.4	125	0.00
45 T	1,4-Dioxane	400.000	357.098	10.7	131	0.00
46	Methyl methacrylate	20.000	13.625	31.9#	109	0.00
47	n-amyl Acetate	20.000	13.053	34.7#	131	-0.13
48 M	t-1,3-Dichloropropene	20.000	16.525	17.4	136	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.816	15.9	139	0.00
50 M	1,1,2-Trichloroethane	20.000	17.634	11.8	139	0.00
51	Ethyl methacrylate	20.000	15.316	23.4	129	0.00
52	1,3-Dichloropropane	20.000	16.972	15.1	132	0.00
53 M	Dibromochloromethane	20.000	17.380	13.1	147	0.00
54 M	1,2-Dibromoethane	20.000	16.700	16.5	133	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.520	6.5	145	0.00
56 M	Bromoform	20.000	16.666	16.7	140	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	145	0.00
58 M	4-Methyl-2-Pentanone	100.000	82.782	17.2	130	0.00
59 M	2-Hexanone	100.000	80.044	20.0	128	0.00
60 S	4-Bromofluorobenzene	30.000	30.564	-1.9	145	0.00
61 M	Tetrachloroethene	20.000	18.118	9.4	140	0.00
62 M	Toluene	20.000	16.767	16.2	132	0.00
63 S	Toluene-d8	30.000	29.665	1.1	141	0.00
64 M	Chlorobenzene	20.000	17.115	14.4	137	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.872	10.6	143	0.00
66 M	Ethyl Benzene	20.000	16.792	16.0	136	0.00
67 M	m/p-Xylenes	40.000	33.488	16.3	137	0.00
68 M	o-Xylene	20.000	16.929	15.4	135	0.00
69 M	Styrene	20.000	16.302	18.5	134	0.00
70	Isopropylbenzene	20.000	16.938	15.3	141	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.950	15.3	130	0.00
72	1,2,3-Trichloropropane	20.000	16.218	18.9	116	0.00
73	Bromobenzene	20.000	17.091	14.5	137	0.00
74	n-propylbenzene	20.000	17.059	14.7	138	0.00
75	2-Chlorotoluene	20.000	16.695	16.5	132	0.00
76	1,3,5-Trimethylbenzene	20.000	16.964	15.2	137	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.366	28.2#	121	0.00
78	4-Chlorotoluene	20.000	16.592	17.0	130	0.00
79	tert-butylbenzene	20.000	17.312	13.4	140	0.00
80	1,2,4-Trimethylbenzene	20.000	17.037	14.8	136	0.00
81	sec-Butylbenzene	20.000	17.555	12.2	141	0.00
82	p-Isopropyltoluene	20.000	17.609	12.0	143	0.00
83 M	1,3-Dichlorobenzene	20.000	17.741	11.3	137	0.00
84 M	1,4-Dichlorobenzene	20.000	17.830	10.9	140	0.00
85	n-Butylbenzene	20.000	17.978	10.1	149	0.00
86 T	Hexachloroethane	20.000	17.375	13.1	136	0.00
87 M	1,2-Dichlorobenzene	20.000	18.161	9.2	142	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.801	21.0	117	0.00
89	1,2,4-Trichlorobenzene	20.000	17.784	11.1	145	0.00
90	Hexachlorobutadiene	20.000	21.566	-7.8	162	0.00
91 M	Naphthalene	20.000	16.188	19.1	135	0.00
92	1,2,3-Trichlorobenzene	20.000	17.784	11.1	145	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0