

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086667.D
 Acq On : 16 May 2025 15:09
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 16 23:04:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	21.191	-6.0	105	0.00
3 M	Chloromethane	20.000	19.931	0.3	102	0.00
4 M	Vinyl Chloride	20.000	20.069	-0.3	102	0.00
5 M	Bromomethane	20.000	21.769	-8.8	108	0.00
6 M	Chloroethane	20.000	20.129	-0.6	102	0.00
7 M	Trichlorofluoromethane	20.000	21.765	-8.8	108	0.00
8 T	Diethyl Ether	20.000	21.025	-5.1	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.124	-10.6	112	0.00
10 M	1,1-Dichloroethene	20.000	21.037	-5.2	106	0.00
11	Methyl Iodide	20.000	19.578	2.1	100	0.00
12	Methyl Acetate	20.000	22.950	-14.7	115	0.00
13 M	Acrolein	100.000	110.296	-10.3	123	0.00
14 M	Acrylonitrile	100.000	112.278	-12.3	114	0.00
15 M	Acetone	100.000	119.567	-19.6	132	0.00
16 M	Carbon Disulfide	20.000	19.603	2.0	98	0.00
17	Allyl chloride	20.000	20.291	-1.5	106	0.00
18 M	Methylene Chloride	20.000	21.931	-9.7	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.549	-2.7	106	0.00
20 T	Diisopropyl ether	20.000	20.209	-1.0	104	0.00
21 M	1,1-Dichloroethane	20.000	20.947	-4.7	107	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.817	-4.1	107	0.00
23 M	tert-Butyl Alcohol	100.000	108.579	-8.6	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.550	-2.8	104	0.00
25 M	Chloroform	20.000	21.183	-5.9	106	0.00
26	Cyclohexane	20.000	18.841	5.8	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.490	1.7	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	19.776	1.1	103	0.00
30 M	2-Butanone	100.000	105.956	-6.0	110	0.00
31	2,2-Dichloropropane	20.000	19.870	0.6	102	0.00
32 M	1,1,1-Trichloroethane	20.000	20.995	-5.0	108	0.00
33 M	Carbon Tetrachloride	20.000	20.749	-3.7	106	0.00
34 M	Benzene	20.000	20.878	-4.4	107	0.00
35	Methacrylonitrile	20.000	19.600	2.0	96	0.00
36 M	1,2-Dichloroethane	20.000	20.562	-2.8	105	0.00
37 M	Trichloroethene	20.000	20.537	-2.7	109	0.00
38	Methylcyclohexane	20.000	18.913	5.4	98	0.00
39 M	1,2-Dichloropropane	20.000	20.798	-4.0	107	0.00
40	Dibromomethane	20.000	20.550	-2.8	105	0.00
41 M	Bromodichloromethane	20.000	20.679	-3.4	106	0.00
42 M	Vinyl Acetate	100.000	103.428	-3.4	104	0.00
43	Ethyl Acetate	20.000	21.451	-7.3	115	0.00
44	Isopropyl Acetate	20.000	20.277	-1.4	105	0.00
45 T	1,4-Dioxane	400.000	468.328	-17.1	115	0.00
46	Methyl methacrylate	20.000	19.365	3.2	100	0.00
47	n-amyl Acetate	20.000	19.315	3.4	101	0.00
48 M	t-1,3-Dichloropropene	20.000	19.615	1.9	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.025	-0.1	104	0.00
50 M	1,1,2-Trichloroethane	20.000	21.279	-6.4	108	0.00
51	Ethyl methacrylate	20.000	20.087	-0.4	105	0.00
52	1,3-Dichloropropane	20.000	21.170	-5.9	109	0.00
53 M	Dibromochloromethane	20.000	20.729	-3.6	107	0.00
54 M	1,2-Dibromoethane	20.000	21.353	-6.8	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.559	8.4	94	0.00
56 M	Bromoform	20.000	21.035	-5.2	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.731	-3.7	106	0.00
59 M	2-Hexanone	100.000	103.083	-3.1	106	0.00
60 S	4-Bromofluorobenzene	30.000	28.661	4.5	98	0.00
61 M	Tetrachloroethene	20.000	20.578	-2.9	109	0.00
62 M	Toluene	20.000	20.897	-4.5	108	0.00
63 S	Toluene-d8	30.000	29.494	1.7	98	0.00
64 M	Chlorobenzene	20.000	20.911	-4.6	108	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.386	-6.9	112	0.00
66 M	Ethyl Benzene	20.000	20.165	-0.8	105	0.00
67 M	m/p-Xylenes	40.000	40.810	-2.0	107	0.00
68 M	o-Xylene	20.000	20.180	-0.9	106	0.00
69 M	Styrene	20.000	19.754	1.2	105	0.00
70	Isopropylbenzene	20.000	19.697	1.5	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.668	-13.3	111	0.00
72	1,2,3-Trichloropropane	20.000	21.450	-7.2	112	0.00
73	Bromobenzene	20.000	20.669	-3.3	108	0.00
74	n-propylbenzene	20.000	19.326	3.4	102	0.00
75	2-Chlorotoluene	20.000	19.748	1.3	103	0.00
76	1,3,5-Trimethylbenzene	20.000	19.524	2.4	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.082	4.6	103	0.00
78	4-Chlorotoluene	20.000	19.526	2.4	106	0.00
79	tert-butylbenzene	20.000	19.443	2.8	102	0.00
80	1,2,4-Trimethylbenzene	20.000	19.099	4.5	101	0.00
81	sec-Butylbenzene	20.000	19.280	3.6	104	0.00
82	p-Isopropyltoluene	20.000	18.679	6.6	103	0.00
83 M	1,3-Dichlorobenzene	20.000	19.252	3.7	106	0.00
84 M	1,4-Dichlorobenzene	20.000	19.494	2.5	107	0.00
85	n-Butylbenzene	20.000	17.675	11.6	99	0.00
86 T	Hexachloroethane	20.000	18.388	8.1	101	0.00
87 M	1,2-Dichlorobenzene	20.000	19.834	0.8	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.975	5.1	105	0.00
89	1,2,4-Trichlorobenzene	20.000	18.266	8.7	104	0.00
90	Hexachlorobutadiene	20.000	19.805	1.0	111	0.00
91 M	Naphthalene	20.000	17.978	10.1	102	0.00
92	1,2,3-Trichlorobenzene	20.000	18.266	8.7	104	0.00

(#) = Out of Range

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