

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086661.D
 Acq On : 16 May 2025 11:37
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 16 23:00:00 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	20.082	-0.4	101	0.00
3 M	Chloromethane	20.000	19.768	1.2	103	0.00
4 M	Vinyl Chloride	20.000	19.277	3.6	100	0.00
5 M	Bromomethane	20.000	21.431	-7.2	108	0.00
6 M	Chloroethane	20.000	19.758	1.2	102	0.00
7 M	Trichlorofluoromethane	20.000	20.390	-2.0	103	0.00
8 T	Diethyl Ether	20.000	20.917	-4.6	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.347	-6.7	110	0.00
10 M	1,1-Dichloroethene	20.000	19.884	0.6	103	0.00
11	Methyl Iodide	20.000	19.053	4.7	99	-0.01
12	Methyl Acetate	20.000	21.891	-9.5	112	0.00
13 M	Acrolein	100.000	82.166	17.8	102	0.00
14 M	Acrylonitrile	100.000	109.322	-9.3	113	0.00
15 M	Acetone	100.000	116.663	-16.7	132	0.00
16 M	Carbon Disulfide	20.000	18.981	5.1	96	0.00
17	Allyl chloride	20.000	19.296	3.5	102	0.00
18 M	Methylene Chloride	20.000	21.393	-7.0	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.985	0.1	105	0.00
20 T	Diisopropyl ether	20.000	19.465	2.7	102	0.00
21 M	1,1-Dichloroethane	20.000	20.420	-2.1	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.090	-0.4	106	0.00
23 M	tert-Butyl Alcohol	100.000	110.362	-10.4	107	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.800	1.0	102	0.00
25 M	Chloroform	20.000	20.361	-1.8	104	0.00
26	Cyclohexane	20.000	18.215	8.9	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.603	4.7	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	20.149	-0.7	105	0.00
30 M	2-Butanone	100.000	107.859	-7.9	111	0.00
31	2,2-Dichloropropane	20.000	19.542	2.3	100	0.00
32 M	1,1,1-Trichloroethane	20.000	20.359	-1.8	104	0.00
33 M	Carbon Tetrachloride	20.000	20.529	-2.6	104	0.00
34 M	Benzene	20.000	20.610	-3.0	105	0.00
35	Methacrylonitrile	20.000	19.742	1.3	96	0.00
36 M	1,2-Dichloroethane	20.000	20.075	-0.4	102	0.00
37 M	Trichloroethene	20.000	19.871	0.6	105	0.00
38	Methylcyclohexane	20.000	18.692	6.5	96	0.00
39 M	1,2-Dichloropropane	20.000	19.989	0.1	103	0.00
40	Dibromomethane	20.000	20.283	-1.4	103	0.00
41 M	Bromodichloromethane	20.000	20.190	-1.0	103	0.00
42 M	Vinyl Acetate	100.000	102.547	-2.5	103	0.00
43	Ethyl Acetate	20.000	21.043	-5.2	112	0.00
44	Isopropyl Acetate	20.000	20.682	-3.4	106	0.00
45 T	1,4-Dioxane	400.000	463.944	-16.0	114	0.00
46	Methyl methacrylate	20.000	19.264	3.7	99	0.00
47	n-amyl Acetate	20.000	19.598	2.0	102	0.00
48 M	t-1,3-Dichloropropene	20.000	19.523	2.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.736	1.3	102	0.00
50 M	1,1,2-Trichloroethane	20.000	21.002	-5.0	106	0.00
51	Ethyl methacrylate	20.000	19.745	1.3	103	0.00
52	1,3-Dichloropropane	20.000	20.547	-2.7	105	0.00
53 M	Dibromochloromethane	20.000	20.220	-1.1	104	0.00
54 M	1,2-Dibromoethane	20.000	20.760	-3.8	106	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.701	10.3	92	0.00
56 M	Bromoform	20.000	20.825	-4.1	107	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.759	-1.8	105	0.00
59 M	2-Hexanone	100.000	102.478	-2.5	105	0.00
60 S	4-Bromofluorobenzene	30.000	28.851	3.8	99	0.00
61 M	Tetrachloroethene	20.000	20.219	-1.1	108	0.00
62 M	Toluene	20.000	20.102	-0.5	104	0.00
63 S	Toluene-d8	30.000	29.586	1.4	99	0.00
64 M	Chlorobenzene	20.000	20.461	-2.3	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.721	-3.6	108	0.00
66 M	Ethyl Benzene	20.000	19.656	1.7	102	0.00
67 M	m/p-Xylenes	40.000	40.274	-0.7	105	0.00
68 M	o-Xylene	20.000	20.518	-2.6	108	0.00
69 M	Styrene	20.000	19.967	0.2	106	0.00
70	Isopropylbenzene	20.000	19.753	1.2	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.793	-14.0	112	0.00
72	1,2,3-Trichloropropane	20.000	21.707	-8.5	113	0.00
73	Bromobenzene	20.000	20.786	-3.9	108	0.00
74	n-propylbenzene	20.000	19.482	2.6	103	0.00
75	2-Chlorotoluene	20.000	19.881	0.6	104	0.00
76	1,3,5-Trimethylbenzene	20.000	19.608	2.0	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.139	4.3	103	0.00
78	4-Chlorotoluene	20.000	19.834	0.8	107	0.00
79	tert-butylbenzene	20.000	19.760	1.2	104	0.00
80	1,2,4-Trimethylbenzene	20.000	19.345	3.3	103	0.00
81	sec-Butylbenzene	20.000	19.465	2.7	105	0.00
82	p-Isopropyltoluene	20.000	19.053	4.7	105	0.00
83 M	1,3-Dichlorobenzene	20.000	20.219	-1.1	111	0.00
84 M	1,4-Dichlorobenzene	20.000	19.904	0.5	109	0.00
85	n-Butylbenzene	20.000	18.362	8.2	103	0.00
86 T	Hexachloroethane	20.000	18.564	7.2	102	0.00
87 M	1,2-Dichlorobenzene	20.000	20.273	-1.4	111	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.645	6.8	103	0.00
89	1,2,4-Trichlorobenzene	20.000	19.176	4.1	110	0.00
90	Hexachlorobutadiene	20.000	19.623	1.9	111	0.00
91 M	Naphthalene	20.000	18.330	8.4	105	0.00
92	1,2,3-Trichlorobenzene	20.000	19.176	4.1	110	0.00

(#) = Out of Range

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