

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072425\
 Data File : VN087408.D
 Acq On : 24 Jul 2025 09:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 25 04:50:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 24 05:11:26 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	20.414	-2.1	100	0.00
3 M	Chloromethane	20.000	19.991	0.0	99	0.00
4 M	Vinyl Chloride	20.000	19.625	1.9	104	0.00
5 M	Bromomethane	20.000	21.360	-6.8	118	0.00
6 M	Chloroethane	20.000	20.017	-0.1	97	0.00
7 M	Trichlorofluoromethane	20.000	20.409	-2.0	99	0.00
8 T	Diethyl Ether	20.000	19.779	1.1	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.024	-0.1	99	0.00
10 M	1,1-Dichloroethene	20.000	19.802	1.0	102	0.00
11	Methyl Iodide	20.000	16.669	16.7	122	0.00
12	Methyl Acetate	20.000	19.979	0.1	105	0.00
13 M	Acrolein	100.000	114.311	-14.3	138	0.00
14 M	Acrylonitrile	100.000	92.346	7.7	101	0.00
15 M	Acetone	100.000	117.155	-17.2	116	0.00
16 M	Carbon Disulfide	20.000	19.442	2.8	99	0.00
17	Allyl chloride	20.000	19.321	3.4	107	0.00
18 M	Methylene Chloride	20.000	19.735	1.3	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.900	5.5	96	0.00
20 T	Diisopropyl ether	20.000	18.043	9.8	100	0.00
21 M	1,1-Dichloroethane	20.000	20.058	-0.3	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.413	2.9	102	0.00
23 M	tert-Butyl Alcohol	100.000	98.556	1.4	106	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.234	3.8	104	0.00
25 M	Chloroform	20.000	18.797	6.0	95	0.00
26	Cyclohexane	20.000	17.613	11.9	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.115	-3.7	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	17.946	10.3	98	0.00
30 M	2-Butanone	100.000	91.513	8.5	104	0.00
31	2,2-Dichloropropane	20.000	19.621	1.9	104	0.00
32 M	1,1,1-Trichloroethane	20.000	19.359	3.2	100	0.00
33 M	Carbon Tetrachloride	20.000	18.466	7.7	96	0.00
34 M	Benzene	20.000	18.972	5.1	102	0.00
35	Methacrylonitrile	20.000	17.202	14.0	101	0.00
36 M	1,2-Dichloroethane	20.000	19.274	3.6	99	0.00
37 M	Trichloroethene	20.000	18.947	5.3	101	0.00
38	Methylcyclohexane	20.000	17.717	11.4	104	0.00
39 M	1,2-Dichloropropane	20.000	18.532	7.3	99	0.00
40	Dibromomethane	20.000	19.499	2.5	99	0.00
41 M	Bromodichloromethane	20.000	18.920	5.4	96	0.00
42 M	Vinyl Acetate	100.000	89.150	10.8	102	0.00
43	Ethyl Acetate	20.000	17.033	14.8	91	0.00
44	Isopropyl Acetate	20.000	18.156	9.2	103	0.00
45 T	1,4-Dioxane	400.000	386.743	3.3	98	0.00
46	Methyl methacrylate	20.000	17.141	14.3	100	0.00
47	n-amyl Acetate	20.000	17.482	12.6	112	0.00
48 M	t-1,3-Dichloropropene	20.000	18.571	7.1	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.639	6.8	99	0.00
50 M	1,1,2-Trichloroethane	20.000	18.853	5.7	98	0.00
51	Ethyl methacrylate	20.000	17.335	13.3	99	0.00
52	1,3-Dichloropropane	20.000	18.160	9.2	98	0.00
53 M	Dibromochloromethane	20.000	18.613	6.9	97	0.00
54 M	1,2-Dibromoethane	20.000	18.629	6.9	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.608	13.4	84	0.00
56 M	Bromoform	20.000	16.468	17.7	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.206	5.8	100	0.00
59 M	2-Hexanone	100.000	91.986	8.0	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.632	1.2	99	0.00
61 M	Tetrachloroethene	20.000	19.973	0.1	98	0.00
62 M	Toluene	20.000	19.224	3.9	100	0.00
63 S	Toluene-d8	30.000	29.928	0.2	94	0.00
64 M	Chlorobenzene	20.000	18.391	8.0	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.189	4.1	97	0.00
66 M	Ethyl Benzene	20.000	18.276	8.6	103	0.00
67 M	m/p-Xylenes	40.000	36.360	9.1	98	0.00
68 M	o-Xylene	20.000	18.309	8.5	102	0.00
69 M	Styrene	20.000	17.687	11.6	99	0.00
70	Isopropylbenzene	20.000	17.981	10.1	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.829	5.9	96	0.00
72	1,2,3-Trichloropropane	20.000	17.965	10.2	94	0.00
73	Bromobenzene	20.000	18.439	7.8	98	0.00
74	n-propylbenzene	20.000	17.822	10.9	97	0.00
75	2-Chlorotoluene	20.000	17.538	12.3	95	0.00
76	1,3,5-Trimethylbenzene	20.000	17.929	10.4	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.893	20.5	95	0.00
78	4-Chlorotoluene	20.000	18.005	10.0	100	0.00
79	tert-butylbenzene	20.000	17.652	11.7	102	0.00
80	1,2,4-Trimethylbenzene	20.000	17.891	10.5	99	0.00
81	sec-Butylbenzene	20.000	18.136	9.3	105	0.00
82	p-Isopropyltoluene	20.000	17.570	12.1	101	0.00
83 M	1,3-Dichlorobenzene	20.000	18.131	9.3	98	0.00
84 M	1,4-Dichlorobenzene	20.000	18.028	9.9	99	0.00
85	n-Butylbenzene	20.000	17.339	13.3	103	0.00
86 T	Hexachloroethane	20.000	18.270	8.7	103	0.00
87 M	1,2-Dichlorobenzene	20.000	17.731	11.3	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.139	14.3	104	0.00
89	1,2,4-Trichlorobenzene	20.000	17.926	10.4	101	0.00
90	Hexachlorobutadiene	20.000	17.277	13.6	92	0.00
91 M	Naphthalene	20.000	16.874	15.6	104	0.00
92	1,2,3-Trichlorobenzene	20.000	17.926	10.4	101	0.00

(#) = Out of Range

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