

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072425\
 Data File : VN087417.D
 Acq On : 24 Jul 2025 16:11
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 25 04:56:02 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	109	0.00
2 M	Dichlorodifluoromethane	20.000	17.888	10.6	99	0.00
3 M	Chloromethane	20.000	16.302	18.5	91	0.00
4 M	Vinyl Chloride	20.000	17.455	12.7	104	0.00
5 M	Bromomethane	20.000	19.839	0.8	123	0.00
6 M	Chloroethane	20.000	18.626	6.9	102	0.00
7 M	Trichlorofluoromethane	20.000	19.398	3.0	106	0.00
8 T	Diethyl Ether	20.000	18.633	6.8	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.315	3.4	107	-0.01
10 M	1,1-Dichloroethene	20.000	17.436	12.8	101	0.00
11	Methyl Iodide	20.000	13.482	32.6#	111	0.00
12	Methyl Acetate	20.000	17.178	14.1	102	0.00
13 M	Acrolein	100.000	110.050	-10.0	150	0.00
14 M	Acrylonitrile	100.000	83.072	16.9	103	0.00
15 M	Acetone	100.000	89.934	10.1	101	0.00
16 M	Carbon Disulfide	20.000	16.311	18.4	94	0.00
17	Allyl chloride	20.000	16.342	18.3	102	0.00
18 M	Methylene Chloride	20.000	16.692	16.5	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.237	13.8	99	0.00
20 T	Diisopropyl ether	20.000	14.853	25.7#	93	0.00
21 M	1,1-Dichloroethane	20.000	17.060	14.7	99	-0.02
22 M	cis-1,2-Dichloroethene	20.000	16.730	16.3	99	0.00
23 M	tert-Butyl Alcohol	100.000	90.204	9.8	110	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.297	18.5	99	0.00
25 M	Chloroform	20.000	16.923	15.4	96	0.00
26	Cyclohexane	20.000	15.906	20.5	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.904	0.3	107	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	114	0.00
29	1,1-Dichloropropene	20.000	15.891	20.5	99	0.00
30 M	2-Butanone	100.000	79.784	20.2	103	0.00
31	2,2-Dichloropropane	20.000	16.233	18.8	98	0.00
32 M	1,1,1-Trichloroethane	20.000	17.201	14.0	102	0.00
33 M	Carbon Tetrachloride	20.000	16.804	16.0	100	0.00
34 M	Benzene	20.000	15.897	20.5	98	0.00
35	Methacrylonitrile	20.000	15.926	20.4	106	0.00
36 M	1,2-Dichloroethane	20.000	16.131	19.3	95	0.00
37 M	Trichloroethene	20.000	16.768	16.2	102	0.00
38	Methylcyclohexane	20.000	16.025	19.9	108	0.00
39 M	1,2-Dichloropropane	20.000	15.599	22.0	95	0.00
40	Dibromomethane	20.000	16.523	17.4	95	0.00
41 M	Bromodichloromethane	20.000	16.442	17.8	96	0.00
42 M	Vinyl Acetate	100.000	74.182	25.8#	97	0.00
43	Ethyl Acetate	20.000	15.966	20.2	97	0.00
44	Isopropyl Acetate	20.000	15.523	22.4	100	0.00
45 T	1,4-Dioxane	400.000	331.204	17.2	96	0.00
46	Methyl methacrylate	20.000	14.834	25.8#	99	0.00
47	n-amyl Acetate	20.000	14.358	28.2#	105	0.01
48 M	t-1,3-Dichloropropene	20.000	15.171	24.1	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	15.795	21.0	96	0.00
50 M	1,1,2-Trichloroethane	20.000	16.375	18.1	97	0.00
51	Ethyl methacrylate	20.000	14.328	28.4#	94	0.00
52	1,3-Dichloropropane	20.000	15.660	21.7	97	0.00
53 M	Dibromochloromethane	20.000	15.485	22.6	92	0.00
54 M	1,2-Dibromoethane	20.000	15.969	20.2	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	74.253	25.7#	82	0.00
56 M	Bromoform	20.000	14.855	25.7#	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	81.805	18.2	98	0.00
59 M	2-Hexanone	100.000	79.429	20.6	97	0.00
60 S	4-Bromofluorobenzene	30.000	28.223	5.9	107	0.00
61 M	Tetrachloroethene	20.000	17.639	11.8	98	0.00
62 M	Toluene	20.000	16.281	18.6	96	0.00
63 S	Toluene-d8	30.000	29.782	0.7	106	0.00
64 M	Chlorobenzene	20.000	16.650	16.8	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	16.508	17.5	94	0.00
66 M	Ethyl Benzene	20.000	15.919	20.4	102	0.00
67 M	m/p-Xylenes	40.000	31.497	21.3	96	0.00
68 M	o-Xylene	20.000	15.333	23.3	97	0.00
69 M	Styrene	20.000	15.307	23.5	97	0.00
70	Isopropylbenzene	20.000	15.482	22.6	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.236	18.8	93	0.00
72	1,2,3-Trichloropropane	20.000	18.565	7.2	110	0.00
73	Bromobenzene	20.000	16.096	19.5	97	0.00
74	n-propylbenzene	20.000	15.309	23.5	94	0.00
75	2-Chlorotoluene	20.000	15.570	22.1	96	0.00
76	1,3,5-Trimethylbenzene	20.000	15.709	21.5	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.441	27.8#	98	0.00
78	4-Chlorotoluene	20.000	15.373	23.1	96	0.00
79	tert-butylbenzene	20.000	15.088	24.6	99	0.00
80	1,2,4-Trimethylbenzene	20.000	15.596	22.0	98	0.00
81	sec-Butylbenzene	20.000	15.452	22.7	101	0.00
82	p-Isopropyltoluene	20.000	15.373	23.1	100	0.00
83 M	1,3-Dichlorobenzene	20.000	15.478	22.6	95	0.00
84 M	1,4-Dichlorobenzene	20.000	15.682	21.6	97	0.00
85	n-Butylbenzene	20.000	14.784	26.1#	100	0.00
86 T	Hexachloroethane	20.000	16.603	17.0	106	0.00
87 M	1,2-Dichlorobenzene	20.000	15.577	22.1	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.756	21.2	109	0.00
89	1,2,4-Trichlorobenzene	20.000	15.889	20.6	101	0.00
90	Hexachlorobutadiene	20.000	17.281	13.6	105	0.00
91 M	Naphthalene	20.000	14.563	27.2#	101	0.00
92	1,2,3-Trichlorobenzene	20.000	15.889	20.6	101	0.00

(#) = Out of Range

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