

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072825\
 Data File : VN087435.D
 Acq On : 28 Jul 2025 16:34
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 29 01:11:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 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	58	0.00
2 M	Dichlorodifluoromethane	20.000	20.398	-2.0	57	0.00
3 M	Chloromethane	20.000	20.569	-2.8	59	0.00
4 M	Vinyl Chloride	20.000	19.668	1.7	57	0.00
5 M	Bromomethane	20.000	11.425	42.9#	34	0.00
6 M	Chloroethane	20.000	20.550	-2.8	58	0.00
7 M	Trichlorofluoromethane	20.000	20.812	-4.1	61	0.00
8 T	Diethyl Ether	20.000	21.488	-7.4	61	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.292	-1.5	59	0.00
10 M	1,1-Dichloroethene	20.000	21.768	-8.8	62	0.00
11	Methyl Iodide	20.000	13.546	32.3#	51	0.00
12	Methyl Acetate	20.000	21.663	-8.3	63	0.00
13 M	Acrolein	100.000	108.024	-8.0	79	0.00
14 M	Acrylonitrile	100.000	105.625	-5.6	61	0.00
15 M	Acetone	100.000	116.374	-16.4	64	0.00
16 M	Carbon Disulfide	20.000	19.043	4.8	56	0.00
17	Allyl chloride	20.000	18.737	6.3	54	0.00
18 M	Methylene Chloride	20.000	19.917	0.4	57	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.951	5.2	56	0.01
20 T	Diisopropyl ether	20.000	20.838	-4.2	59	0.00
21 M	1,1-Dichloroethane	20.000	19.953	0.2	58	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.596	2.0	57	0.00
23 M	tert-Butyl Alcohol	100.000	110.296	-10.3	64	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.314	-1.6	59	0.00
25 M	Chloroform	20.000	20.137	-0.7	59	0.00
26	Cyclohexane	20.000	19.259	3.7	57	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.343	-1.1	59	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	57	0.00
29	1,1-Dichloropropene	20.000	20.473	-2.4	57	0.00
30 M	2-Butanone	100.000	113.748	-13.7	64	0.00
31	2,2-Dichloropropane	20.000	20.155	-0.8	56	0.00
32 M	1,1,1-Trichloroethane	20.000	20.549	-2.7	58	0.00
33 M	Carbon Tetrachloride	20.000	19.753	1.2	55	0.00
34 M	Benzene	20.000	19.813	0.9	55	0.00
35	Methacrylonitrile	20.000	21.164	-5.8	60	0.00
36 M	1,2-Dichloroethane	20.000	21.388	-6.9	60	0.00
37 M	Trichloroethene	20.000	19.654	1.7	56	0.00
38	Methylcyclohexane	20.000	19.217	3.9	56	0.00
39 M	1,2-Dichloropropane	20.000	20.532	-2.7	59	0.00
40	Dibromomethane	20.000	20.523	-2.6	60	0.00
41 M	Bromodichloromethane	20.000	20.566	-2.8	60	0.00
42 M	Vinyl Acetate	100.000	114.201	-14.2	65	0.00
43	Ethyl Acetate	20.000	21.424	-7.1	57	0.00
44	Isopropyl Acetate	20.000	21.858	-9.3	62	0.00
45 T	1,4-Dioxane	400.000	419.795	-4.9	56	0.00
46	Methyl methacrylate	20.000	20.824	-4.1	62	0.00
47	n-amyl Acetate	20.000	27.194	-36.0#	129	0.01
48 M	t-1,3-Dichloropropene	20.000	20.143	-0.7	60	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.329	-1.6	60	0.00
50 M	1,1,2-Trichloroethane	20.000	20.688	-3.4	61	0.00
51	Ethyl methacrylate	20.000	19.901	0.5	59	0.00
52	1,3-Dichloropropane	20.000	20.647	-3.2	62	0.00
53 M	Dibromochloromethane	20.000	20.422	-2.1	62	0.00
54 M	1,2-Dibromoethane	20.000	20.340	-1.7	62	0.00
55 M	2-Chloroethyl vinyl ether	100.000	134.460	-34.5#	73	0.00
56 M	Bromoform	20.000	18.310	8.5	55	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	62	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.545	-11.5	66	0.00
59 M	2-Hexanone	100.000	104.581	-4.6	64	0.00
60 S	4-Bromofluorobenzene	30.000	29.436	1.9	60	0.00
61 M	Tetrachloroethene	20.000	18.752	6.2	58	0.00
62 M	Toluene	20.000	19.765	1.2	61	0.00
63 S	Toluene-d8	30.000	29.872	0.4	61	0.00
64 M	Chlorobenzene	20.000	19.634	1.8	61	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.309	3.5	57	0.00
66 M	Ethyl Benzene	20.000	19.842	0.8	60	0.00
67 M	m/p-Xylenes	40.000	39.903	0.2	61	0.00
68 M	o-Xylene	20.000	19.631	1.8	58	0.00
69 M	Styrene	20.000	19.241	3.8	58	0.00
70	Isopropylbenzene	20.000	19.798	1.0	60	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.504	-2.5	62	0.00
72	1,2,3-Trichloropropane	20.000	18.528	7.4	51	0.00
73	Bromobenzene	20.000	19.245	3.8	60	0.00
74	n-propylbenzene	20.000	19.756	1.2	60	0.00
75	2-Chlorotoluene	20.000	19.327	3.4	58	0.00
76	1,3,5-Trimethylbenzene	20.000	19.782	1.1	59	0.00
77	t-1,4-Dichloro-2-butene	20.000	12.906	35.5#	41	0.00
78	4-Chlorotoluene	20.000	19.432	2.8	58	0.00
79	tert-butylbenzene	20.000	19.589	2.1	59	0.00
80	1,2,4-Trimethylbenzene	20.000	20.091	-0.5	60	0.00
81	sec-Butylbenzene	20.000	19.718	1.4	59	0.00
82	p-Isopropyltoluene	20.000	20.019	-0.1	59	0.00
83 M	1,3-Dichlorobenzene	20.000	19.731	1.3	59	0.00
84 M	1,4-Dichlorobenzene	20.000	19.145	4.3	57	0.00
85	n-Butylbenzene	20.000	19.834	0.8	60	0.00
86 T	Hexachloroethane	20.000	17.424	12.9	52	0.00
87 M	1,2-Dichlorobenzene	20.000	19.427	2.9	59	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.928	0.4	62	0.00
89	1,2,4-Trichlorobenzene	20.000	18.695	6.5	57	0.00
90	Hexachlorobutadiene	20.000	19.288	3.6	60	0.00
91 M	Naphthalene	20.000	20.018	-0.1	62	0.00
92	1,2,3-Trichlorobenzene	20.000	18.695	6.5	57	0.00

(#) = Out of Range

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