

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087723.D
 Acq On : 04 Sep 2025 15:21
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 05 02:21:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 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	66	0.00
2 M	Dichlorodifluoromethane	20.000	18.726	6.4	58	0.00
3 M	Chloromethane	20.000	18.881	5.6	57	0.00
4 M	Vinyl Chloride	20.000	19.386	3.1	59	0.00
5 M	Bromomethane	20.000	25.287	-26.4#	82	0.00
6 M	Chloroethane	20.000	22.349	-11.7	70	0.00
7 M	Trichlorofluoromethane	20.000	21.592	-8.0	68	0.00
8 T	Diethyl Ether	20.000	20.516	-2.6	65	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	24.284	-21.4	78	0.00
10 M	1,1-Dichloroethene	20.000	23.045	-15.2	72	0.00
11	Methyl Iodide	20.000	14.279	28.6#	56	0.00
12	Methyl Acetate	20.000	21.784	-8.9	70	0.00
13 M	Acrolein	100.000	119.369	-19.4	78	0.00
14 M	Acrylonitrile	100.000	92.955	7.0	59	0.00
15 M	Acetone	100.000	95.158	4.8	57	0.00
16 M	Carbon Disulfide	20.000	17.543	12.3	57	0.01
17	Allyl chloride	20.000	17.575	12.1	57	0.00
18 M	Methylene Chloride	20.000	19.328	3.4	62	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.767	6.2	60	0.00
20 T	Diisopropyl ether	20.000	18.335	8.3	59	0.00
21 M	1,1-Dichloroethane	20.000	19.433	2.8	61	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.532	7.3	58	0.00
23 M	tert-Butyl Alcohol	100.000	78.592	21.4	51	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.630	11.9	57	0.00
25 M	Chloroform	20.000	19.618	1.9	63	0.00
26	Cyclohexane	20.000	18.032	9.8	56	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.174	9.4	58	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	57	0.00
29	1,1-Dichloropropene	20.000	20.981	-4.9	60	0.00
30 M	2-Butanone	100.000	99.616	0.4	56	0.00
31	2,2-Dichloropropane	20.000	20.121	-0.6	57	0.00
32 M	1,1,1-Trichloroethane	20.000	21.850	-9.3	63	0.00
33 M	Carbon Tetrachloride	20.000	21.287	-6.4	61	0.00
34 M	Benzene	20.000	21.380	-6.9	61	0.00
35	Methacrylonitrile	20.000	18.727	6.4	52	0.00
36 M	1,2-Dichloroethane	20.000	20.210	-1.1	57	0.00
37 M	Trichloroethene	20.000	22.421	-12.1	63	0.00
38	Methylcyclohexane	20.000	18.355	8.2	52	0.00
39 M	1,2-Dichloropropane	20.000	21.735	-8.7	61	0.00
40	Dibromomethane	20.000	21.868	-9.3	62	0.00
41 M	Bromodichloromethane	20.000	21.522	-7.6	63	0.00
42 M	Vinyl Acetate	100.000	93.526	6.5	52	0.00
43	Ethyl Acetate	20.000	19.896	0.5	57	0.00
44	Isopropyl Acetate	20.000	19.126	4.4	54	0.00
45 T	1,4-Dioxane	400.000	344.161	14.0	48	0.00
46	Methyl methacrylate	20.000	19.186	4.1	55	0.00
47	n-amyl Acetate	20.000	19.735	1.3	65	0.01
48 M	t-1,3-Dichloropropene	20.000	19.468	2.7	56	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.047	-0.2	58	0.00
50 M	1,1,2-Trichloroethane	20.000	22.387	-11.9	64	0.00
51	Ethyl methacrylate	20.000	18.496	7.5	54	0.00
52	1,3-Dichloropropane	20.000	21.281	-6.4	61	0.00
53 M	Dibromochloromethane	20.000	22.199	-11.0	65	0.00
54 M	1,2-Dibromoethane	20.000	21.233	-6.2	60	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.240	6.8	53	0.00
56 M	Bromoform	20.000	20.416	-2.1	61	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	59	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.757	-1.8	58	0.00
59 M	2-Hexanone	100.000	94.645	5.4	56	0.00
60 S	4-Bromofluorobenzene	30.000	28.430	5.2	56	0.00
61 M	Tetrachloroethene	20.000	22.426	-12.1	67	0.00
62 M	Toluene	20.000	20.471	-2.4	59	0.00
63 S	Toluene-d8	30.000	30.176	-0.6	60	0.00
64 M	Chlorobenzene	20.000	20.730	-3.7	61	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.728	-8.6	64	0.00
66 M	Ethyl Benzene	20.000	19.489	2.6	56	0.00
67 M	m/p-Xylenes	40.000	39.456	1.4	58	0.00
68 M	o-Xylene	20.000	19.948	0.3	59	0.00
69 M	Styrene	20.000	19.883	0.6	58	0.00
70	Isopropylbenzene	20.000	19.589	2.1	57	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.658	-8.3	61	0.00
72	1,2,3-Trichloropropane	20.000	19.096	4.5	60	0.00
73	Bromobenzene	20.000	20.738	-3.7	61	0.00
74	n-propylbenzene	20.000	20.322	-1.6	59	0.00
75	2-Chlorotoluene	20.000	19.808	1.0	58	0.00
76	1,3,5-Trimethylbenzene	20.000	19.972	0.1	58	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.763	6.2	59	0.00
78	4-Chlorotoluene	20.000	20.031	-0.2	59	0.00
79	tert-butylbenzene	20.000	19.861	0.7	58	0.00
80	1,2,4-Trimethylbenzene	20.000	20.499	-2.5	60	0.00
81	sec-Butylbenzene	20.000	19.938	0.3	58	0.00
82	p-Isopropyltoluene	20.000	19.818	0.9	57	0.00
83 M	1,3-Dichlorobenzene	20.000	21.940	-9.7	64	0.00
84 M	1,4-Dichlorobenzene	20.000	22.064	-10.3	64	0.00
85	n-Butylbenzene	20.000	19.485	2.6	56	0.00
86 T	Hexachloroethane	20.000	20.881	-4.4	61	0.00
87 M	1,2-Dichlorobenzene	20.000	22.460	-12.3	65	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.144	4.3	55	0.00
89	1,2,4-Trichlorobenzene	20.000	20.672	-3.4	61	0.00
90	Hexachlorobutadiene	20.000	18.138	9.3	53	0.00
91 M	Naphthalene	20.000	18.638	6.8	55	0.00
92	1,2,3-Trichlorobenzene	20.000	20.672	-3.4	61	0.00

(#) = Out of Range

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