

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087466.D
 Acq On : 05 Aug 2025 19:17
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 06 02:46:47 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	16.267	18.7	80	0.00
3 M	Chloromethane	20.000	17.373	13.1	83	0.00
4 M	Vinyl Chloride	20.000	16.630	16.9	80	0.00
5 M	Bromomethane	20.000	19.059	4.7	98	0.00
6 M	Chloroethane	20.000	17.903	10.5	88	0.00
7 M	Trichlorofluoromethane	20.000	15.434	22.8	76	0.00
8 T	Diethyl Ether	20.000	19.105	4.5	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.172	19.1	82	0.00
10 M	1,1-Dichloroethene	20.000	16.236	18.8	80	0.00
11	Methyl Iodide	20.000	16.497	17.5	102	0.00
12	Methyl Acetate	20.000	19.590	2.1	99	0.00
13 M	Acrolein	100.000	100.744	-0.7	104	0.00
14 M	Acrylonitrile	100.000	91.309	8.7	92	0.00
15 M	Acetone	100.000	86.467	13.5	81	0.00
16 M	Carbon Disulfide	20.000	16.495	17.5	84	0.00
17	Allyl chloride	20.000	17.421	12.9	89	0.00
18 M	Methylene Chloride	20.000	17.853	10.7	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.667	16.7	84	0.00
20 T	Diisopropyl ether	20.000	17.739	11.3	89	0.00
21 M	1,1-Dichloroethane	20.000	18.148	9.3	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.482	12.6	87	0.00
23 M	tert-Butyl Alcohol	100.000	91.713	8.3	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.439	7.8	93	0.00
25 M	Chloroform	20.000	17.657	11.7	89	0.00
26	Cyclohexane	20.000	16.102	19.5	79	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.517	-1.7	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	16.876	15.6	79	0.00
30 M	2-Butanone	100.000	97.567	2.4	91	0.00
31	2,2-Dichloropropane	20.000	16.195	19.0	75	0.00
32 M	1,1,1-Trichloroethane	20.000	17.784	11.1	84	0.00
33 M	Carbon Tetrachloride	20.000	16.497	17.5	77	0.00
34 M	Benzene	20.000	18.309	8.5	86	0.00
35	Methacrylonitrile	20.000	19.752	1.2	91	0.00
36 M	1,2-Dichloroethane	20.000	20.010	-0.1	92	0.00
37 M	Trichloroethene	20.000	17.460	12.7	81	0.00
38	Methylcyclohexane	20.000	16.533	17.3	77	0.00
39 M	1,2-Dichloropropane	20.000	18.917	5.4	88	0.00
40	Dibromomethane	20.000	18.591	7.0	87	0.00
41 M	Bromodichloromethane	20.000	18.469	7.7	88	0.00
42 M	Vinyl Acetate	100.000	107.163	-7.2	99	0.00
43	Ethyl Acetate	20.000	20.685	-3.4	97	0.00
44	Isopropyl Acetate	20.000	19.634	1.8	91	0.00
45 T	1,4-Dioxane	400.000	385.307	3.7	88	0.00
46	Methyl methacrylate	20.000	17.083	14.6	80	0.00
47	n-amyl Acetate	20.000	19.907	0.5	108	0.00
48 M	t-1,3-Dichloropropene	20.000	17.521	12.4	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.443	7.8	88	0.00
50 M	1,1,2-Trichloroethane	20.000	19.127	4.4	90	0.00
51	Ethyl methacrylate	20.000	18.768	6.2	89	0.00
52	1,3-Dichloropropane	20.000	18.959	5.2	89	0.00
53 M	Dibromochloromethane	20.000	18.285	8.6	88	0.00
54 M	1,2-Dibromoethane	20.000	19.013	4.9	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.871	-0.9	95	0.00
56 M	Bromoform	20.000	17.124	14.4	84	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.151	-4.2	92	0.00
59 M	2-Hexanone	100.000	101.688	-1.7	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.934	0.2	91	0.00
61 M	Tetrachloroethene	20.000	17.399	13.0	80	0.00
62 M	Toluene	20.000	17.992	10.0	80	0.00
63 S	Toluene-d8	30.000	30.743	-2.5	94	0.00
64 M	Chlorobenzene	20.000	17.955	10.2	81	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.375	8.1	84	0.00
66 M	Ethyl Benzene	20.000	17.271	13.6	78	0.00
67 M	m/p-Xylenes	40.000	34.079	14.8	77	0.00
68 M	o-Xylene	20.000	17.632	11.8	80	0.00
69 M	Styrene	20.000	17.729	11.4	80	0.00
70	Isopropylbenzene	20.000	17.113	14.4	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.819	0.9	87	0.00
72	1,2,3-Trichloropropane	20.000	21.108	-5.5	104	0.00
73	Bromobenzene	20.000	17.435	12.8	80	0.00
74	n-propylbenzene	20.000	17.257	13.7	78	0.00
75	2-Chlorotoluene	20.000	17.305	13.5	78	0.00
76	1,3,5-Trimethylbenzene	20.000	16.963	15.2	76	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.868	20.7	77	0.00
78	4-Chlorotoluene	20.000	17.285	13.6	79	0.00
79	tert-butylbenzene	20.000	17.522	12.4	79	0.00
80	1,2,4-Trimethylbenzene	20.000	17.548	12.3	80	0.00
81	sec-Butylbenzene	20.000	17.351	13.2	78	0.00
82	p-Isopropyltoluene	20.000	17.399	13.0	78	0.00
83 M	1,3-Dichlorobenzene	20.000	17.571	12.1	79	0.00
84 M	1,4-Dichlorobenzene	20.000	17.313	13.4	78	0.00
85	n-Butylbenzene	20.000	17.281	13.6	77	0.00
86 T	Hexachloroethane	20.000	15.642	21.8	71	0.00
87 M	1,2-Dichlorobenzene	20.000	17.820	10.9	80	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.761	1.2	88	0.00
89	1,2,4-Trichlorobenzene	20.000	17.725	11.4	81	0.00
90	Hexachlorobutadiene	20.000	16.125	19.4	73	0.00
91 M	Naphthalene	20.000	18.504	7.5	84	0.00
92	1,2,3-Trichlorobenzene	20.000	17.725	11.4	81	0.00

(#) = Out of Range

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