

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080725\
 Data File : VN087483.D
 Acq On : 07 Aug 2025 10:00
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 08 01:14:52 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	19.213	3.9	90	0.00
3 M	Chloromethane	20.000	19.535	2.3	90	0.00
4 M	Vinyl Chloride	20.000	19.709	1.5	91	0.00
5 M	Bromomethane	20.000	19.720	1.4	97	0.00
6 M	Chloroethane	20.000	20.598	-3.0	97	0.00
7 M	Trichlorofluoromethane	20.000	18.882	5.6	89	0.00
8 T	Diethyl Ether	20.000	20.115	-0.6	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.363	3.2	94	0.00
10 M	1,1-Dichloroethene	20.000	20.093	-0.5	94	0.00
11	Methyl Iodide	20.000	13.828	30.9#	82	0.00
12	Methyl Acetate	20.000	20.466	-2.3	99	0.00
13 M	Acrolein	100.000	126.872	-26.9#	125	0.00
14 M	Acrylonitrile	100.000	95.143	4.9	92	0.00
15 M	Acetone	100.000	105.648	-5.6	95	0.00
16 M	Carbon Disulfide	20.000	18.693	6.5	91	0.00
17	Allyl chloride	20.000	19.588	2.1	96	0.00
18 M	Methylene Chloride	20.000	19.606	2.0	95	-0.01
19 M	trans-1,2-Dichloroethene	20.000	18.616	6.9	89	0.00
20 T	Diisopropyl ether	20.000	18.678	6.6	90	0.00
21 M	1,1-Dichloroethane	20.000	19.291	3.5	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.301	3.5	92	0.00
23 M	tert-Butyl Alcohol	100.000	93.432	6.6	91	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.167	4.2	93	0.00
25 M	Chloroform	20.000	19.726	1.4	95	0.00
26	Cyclohexane	20.000	19.309	3.5	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.675	1.1	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	19.353	3.2	91	0.00
30 M	2-Butanone	100.000	100.513	-0.5	94	0.00
31	2,2-Dichloropropane	20.000	20.092	-0.5	94	0.00
32 M	1,1,1-Trichloroethane	20.000	19.547	2.3	93	0.00
33 M	Carbon Tetrachloride	20.000	19.035	4.8	90	0.00
34 M	Benzene	20.000	19.762	1.2	94	0.00
35	Methacrylonitrile	20.000	19.978	0.1	92	0.00
36 M	1,2-Dichloroethane	20.000	19.781	1.1	92	0.00
37 M	Trichloroethene	20.000	19.892	0.5	93	0.00
38	Methylcyclohexane	20.000	18.389	8.1	86	0.00
39 M	1,2-Dichloropropane	20.000	19.889	0.6	93	0.00
40	Dibromomethane	20.000	19.187	4.1	90	0.00
41 M	Bromodichloromethane	20.000	19.705	1.5	95	0.00
42 M	Vinyl Acetate	100.000	98.202	1.8	91	0.00
43	Ethyl Acetate	20.000	19.749	1.3	93	0.00
44	Isopropyl Acetate	20.000	19.467	2.7	91	0.00
45 T	1,4-Dioxane	400.000	391.059	2.2	90	0.00
46	Methyl methacrylate	20.000	16.696	16.5	79	0.00
47	n-amyl Acetate	20.000	16.736	16.3	91	0.00
48 M	t-1,3-Dichloropropene	20.000	19.024	4.9	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.927	0.4	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.948	0.3	94	0.00
51	Ethyl methacrylate	20.000	19.257	3.7	92	0.00
52	1,3-Dichloropropane	20.000	19.937	0.3	94	0.00
53 M	Dibromochloromethane	20.000	19.538	2.3	94	0.00
54 M	1,2-Dibromoethane	20.000	19.602	2.0	92	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.967	14.0	81	0.00
56 M	Bromoform	20.000	18.306	8.5	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.431	-0.4	93	0.00
59 M	2-Hexanone	100.000	97.565	2.4	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.594	1.4	94	0.00
61 M	Tetrachloroethene	20.000	19.619	1.9	94	0.00
62 M	Toluene	20.000	19.898	0.5	93	0.00
63 S	Toluene-d8	30.000	30.405	-1.4	97	0.00
64 M	Chlorobenzene	20.000	19.800	1.0	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.838	0.8	94	0.00
66 M	Ethyl Benzene	20.000	19.650	1.8	92	0.00
67 M	m/p-Xylenes	40.000	39.032	2.4	92	0.00
68 M	o-Xylene	20.000	19.291	3.5	91	0.00
69 M	Styrene	20.000	19.571	2.1	92	0.00
70	Isopropylbenzene	20.000	19.294	3.5	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.983	0.1	92	0.00
72	1,2,3-Trichloropropane	20.000	21.312	-6.6	109	0.00
73	Bromobenzene	20.000	19.772	1.1	95	0.00
74	n-propylbenzene	20.000	19.607	2.0	92	0.00
75	2-Chlorotoluene	20.000	19.440	2.8	91	0.00
76	1,3,5-Trimethylbenzene	20.000	19.502	2.5	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.151	14.2	87	0.00
78	4-Chlorotoluene	20.000	19.916	0.4	95	0.00
79	tert-butylbenzene	20.000	18.954	5.2	89	0.00
80	1,2,4-Trimethylbenzene	20.000	19.650	1.8	93	0.00
81	sec-Butylbenzene	20.000	19.596	2.0	91	0.00
82	p-Isopropyltoluene	20.000	19.076	4.6	89	0.00
83 M	1,3-Dichlorobenzene	20.000	19.785	1.1	93	0.00
84 M	1,4-Dichlorobenzene	20.000	19.864	0.7	93	0.00
85	n-Butylbenzene	20.000	19.569	2.2	91	0.00
86 T	Hexachloroethane	20.000	18.883	5.6	90	0.00
87 M	1,2-Dichlorobenzene	20.000	20.007	-0.0	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.734	1.3	91	0.00
89	1,2,4-Trichlorobenzene	20.000	18.623	6.9	89	0.00
90	Hexachlorobutadiene	20.000	17.832	10.8	84	0.00
91 M	Naphthalene	20.000	19.081	4.6	90	0.00
92	1,2,3-Trichlorobenzene	20.000	18.623	6.9	89	0.00

(#) = Out of Range

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