

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112525\
 Data File : VN088353.D
 Acq On : 25 Nov 2025 11:03
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 26 00:16:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	19.953	0.2	91	0.00
3 M	Chloromethane	20.000	20.534	-2.7	99	0.00
4 M	Vinyl Chloride	20.000	19.609	2.0	95	0.00
5 M	Bromomethane	20.000	17.828	10.9	92	0.00
6 M	Chloroethane	20.000	19.484	2.6	95	0.00
7 M	Trichlorofluoromethane	20.000	19.800	1.0	95	0.00
8 T	Diethyl Ether	20.000	18.836	5.8	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.395	3.0	93	0.00
10 M	1,1-Dichloroethene	20.000	19.814	0.9	95	0.00
11	Methyl Iodide	20.000	16.990	15.1	87	0.00
12	Methyl Acetate	20.000	21.055	-5.3	105	0.00
13 M	Acrolein	100.000	158.297	-58.3#	179	-0.01
14 M	Acrylonitrile	100.000	97.574	2.4	98	0.00
15 M	Acetone	100.000	73.915	26.1#	73	0.00
16 M	Carbon Disulfide	20.000	19.305	3.5	92	0.00
17	Allyl chloride	20.000	17.598	12.0	87	0.00
18 M	Methylene Chloride	20.000	19.660	1.7	98	0.02
19 M	trans-1,2-Dichloroethene	20.000	19.467	2.7	94	0.00
20 T	Diisopropyl ether	20.000	19.708	1.5	99	0.00
21 M	1,1-Dichloroethane	20.000	19.244	3.8	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.234	3.8	97	0.00
23 M	tert-Butyl Alcohol	100.000	91.146	8.9	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.667	6.7	95	0.00
25 M	Chloroform	20.000	19.777	1.1	100	0.00
26	Cyclohexane	20.000	18.921	5.4	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.400	5.3	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	20.069	-0.3	94	0.00
30 M	2-Butanone	100.000	91.975	8.0	90	0.00
31	2,2-Dichloropropane	20.000	19.410	2.9	91	0.00
32 M	1,1,1-Trichloroethane	20.000	20.552	-2.8	97	0.00
33 M	Carbon Tetrachloride	20.000	19.415	2.9	91	0.00
34 M	Benzene	20.000	20.659	-3.3	98	0.00
35	Methacrylonitrile	20.000	19.565	2.2	97	0.00
36 M	1,2-Dichloroethane	20.000	20.010	-0.1	96	0.00
37 M	Trichloroethene	20.000	21.329	-6.6	101	0.00
38	Methylcyclohexane	20.000	18.896	5.5	87	0.00
39 M	1,2-Dichloropropane	20.000	20.771	-3.9	101	0.00
40	Dibromomethane	20.000	20.314	-1.6	97	0.00
41 M	Bromodichloromethane	20.000	20.097	-0.5	99	0.00
42 M	Vinyl Acetate	100.000	97.196	2.8	95	0.00
43	Ethyl Acetate	20.000	21.058	-5.3	101	0.00
44	Isopropyl Acetate	20.000	20.114	-0.6	98	0.00
45 T	1,4-Dioxane	400.000	379.398	5.2	87	0.00
46	Methyl methacrylate	20.000	19.290	3.6	96	0.00
47	n-amyl Acetate	20.000	16.231	18.8	86	0.01
48 M	t-1,3-Dichloropropene	20.000	19.034	4.8	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.495	-2.5	99	0.00
50 M	1,1,2-Trichloroethane	20.000	20.939	-4.7	102	0.00
51	Ethyl methacrylate	20.000	19.121	4.4	98	0.00
52	1,3-Dichloropropane	20.000	19.825	0.9	96	0.00
53 M	Dibromochloromethane	20.000	20.419	-2.1	101	0.00
54 M	1,2-Dibromoethane	20.000	20.137	-0.7	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.027	3.0	98	0.00
56 M	Bromoform	20.000	19.508	2.5	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.592	-5.6	102	0.00
59 M	2-Hexanone	100.000	96.966	3.0	98	0.00
60 S	4-Bromofluorobenzene	30.000	28.370	5.4	95	0.00
61 M	Tetrachloroethene	20.000	24.687	-23.4	114	0.00
62 M	Toluene	20.000	20.892	-4.5	99	0.00
63 S	Toluene-d8	30.000	30.627	-2.1	98	0.00
64 M	Chlorobenzene	20.000	19.956	0.2	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.855	0.7	96	0.00
66 M	Ethyl Benzene	20.000	19.695	1.5	95	0.00
67 M	m/p-Xylenes	40.000	40.190	-0.5	97	0.00
68 M	o-Xylene	20.000	19.853	0.7	98	0.00
69 M	Styrene	20.000	19.263	3.7	96	0.00
70	Isopropylbenzene	20.000	19.311	3.4	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.808	6.0	92	0.00
72	1,2,3-Trichloropropane	20.000	18.540	7.3	99	0.00
73	Bromobenzene	20.000	20.017	-0.1	98	0.00
74	n-propylbenzene	20.000	19.650	1.8	94	0.00
75	2-Chlorotoluene	20.000	18.739	6.3	92	0.00
76	1,3,5-Trimethylbenzene	20.000	19.171	4.1	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.889	10.6	93	0.00
78	4-Chlorotoluene	20.000	19.366	3.2	94	0.00
79	tert-butylbenzene	20.000	18.487	7.6	91	0.00
80	1,2,4-Trimethylbenzene	20.000	18.891	5.5	93	0.00
81	sec-Butylbenzene	20.000	18.729	6.4	89	0.00
82	p-Isopropyltoluene	20.000	18.524	7.4	88	0.00
83 M	1,3-Dichlorobenzene	20.000	19.931	0.3	95	0.00
84 M	1,4-Dichlorobenzene	20.000	19.400	3.0	95	0.00
85	n-Butylbenzene	20.000	18.202	9.0	85	0.00
86 T	Hexachloroethane	20.000	17.082	14.6	84	0.00
87 M	1,2-Dichlorobenzene	20.000	19.308	3.5	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.309	3.5	99	0.00
89	1,2,4-Trichlorobenzene	20.000	18.606	7.0	93	0.00
90	Hexachlorobutadiene	20.000	18.531	7.3	88	0.00
91 M	Naphthalene	20.000	18.049	9.8	91	0.00
92	1,2,3-Trichlorobenzene	20.000	18.606	7.0	93	0.00

(#) = Out of Range

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