

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112625\
 Data File : VN088362.D
 Acq On : 26 Nov 2025 09:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 27 00:07:59 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	17.580	12.1	77	0.00
3 M	Chloromethane	20.000	19.225	3.9	89	0.00
4 M	Vinyl Chloride	20.000	17.879	10.6	83	0.00
5 M	Bromomethane	20.000	18.153	9.2	90	0.00
6 M	Chloroethane	20.000	19.178	4.1	89	0.00
7 M	Trichlorofluoromethane	20.000	17.770	11.2	81	0.00
8 T	Diethyl Ether	20.000	18.906	5.5	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.156	9.2	84	0.00
10 M	1,1-Dichloroethene	20.000	18.901	5.5	87	0.00
11	Methyl Iodide	20.000	17.921	10.4	88	0.00
12	Methyl Acetate	20.000	20.250	-1.3	97	0.00
13 M	Acrolein	100.000	143.531	-43.5#	156	0.00
14 M	Acrylonitrile	100.000	97.846	2.2	95	0.00
15 M	Acetone	100.000	66.221	33.8#	63	0.01
16 M	Carbon Disulfide	20.000	17.538	12.3	81	0.00
17	Allyl chloride	20.000	18.103	9.5	86	0.00
18 M	Methylene Chloride	20.000	19.603	2.0	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.354	3.2	89	0.00
20 T	Diisopropyl ether	20.000	19.280	3.6	92	0.00
21 M	1,1-Dichloroethane	20.000	19.359	3.2	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.370	3.1	93	0.00
23 M	tert-Butyl Alcohol	100.000	89.737	10.3	90	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.015	4.9	93	0.00
25 M	Chloroform	20.000	20.150	-0.7	97	0.00
26	Cyclohexane	20.000	17.197	14.0	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.355	8.8	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	86	0.00
29	1,1-Dichloropropene	20.000	19.693	1.5	83	0.00
30 M	2-Butanone	100.000	90.901	9.1	81	0.00
31	2,2-Dichloropropane	20.000	20.537	-2.7	87	0.00
32 M	1,1,1-Trichloroethane	20.000	20.527	-2.6	87	0.00
33 M	Carbon Tetrachloride	20.000	19.405	3.0	83	0.00
34 M	Benzene	20.000	21.447	-7.2	92	0.00
35	Methacrylonitrile	20.000	22.097	-10.5	99	0.00
36 M	1,2-Dichloroethane	20.000	21.666	-8.3	94	0.00
37 M	Trichloroethene	20.000	22.442	-12.2	96	0.00
38	Methylcyclohexane	20.000	17.483	12.6	73	0.00
39 M	1,2-Dichloropropane	20.000	21.890	-9.5	96	0.00
40	Dibromomethane	20.000	21.794	-9.0	94	0.00
41 M	Bromodichloromethane	20.000	21.811	-9.1	98	0.00
42 M	Vinyl Acetate	100.000	100.405	-0.4	89	0.00
43	Ethyl Acetate	20.000	21.088	-5.4	92	0.00
44	Isopropyl Acetate	20.000	21.967	-9.8	97	0.00
45 T	1,4-Dioxane	400.000	432.934	-8.2	90	0.00
46	Methyl methacrylate	20.000	20.911	-4.6	94	0.00
47	n-amyl Acetate	20.000	24.141	-20.7	116	0.01
48 M	t-1,3-Dichloropropene	20.000	20.725	-3.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.455	-7.3	94	0.00
50 M	1,1,2-Trichloroethane	20.000	22.027	-10.1	97	0.00
51	Ethyl methacrylate	20.000	20.626	-3.1	96	0.00
52	1,3-Dichloropropane	20.000	22.191	-11.0	97	0.00
53 M	Dibromochloromethane	20.000	22.764	-13.8	102	0.00
54 M	1,2-Dibromoethane	20.000	21.590	-7.9	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.782	1.2	91	0.00
56 M	Bromoform	20.000	21.081	-5.4	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.392	-9.4	99	0.00
59 M	2-Hexanone	100.000	96.368	3.6	91	0.00
60 S	4-Bromofluorobenzene	30.000	28.535	4.9	89	0.00
61 M	Tetrachloroethene	20.000	24.826	-24.1	106	0.00
62 M	Toluene	20.000	20.895	-4.5	92	0.00
63 S	Toluene-d8	30.000	29.631	1.2	88	0.00
64 M	Chlorobenzene	20.000	20.978	-4.9	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.450	-7.2	96	0.00
66 M	Ethyl Benzene	20.000	19.828	0.9	89	0.00
67 M	m/p-Xylenes	40.000	40.589	-1.5	91	0.00
68 M	o-Xylene	20.000	20.348	-1.7	93	0.00
69 M	Styrene	20.000	20.417	-2.1	95	0.00
70	Isopropylbenzene	20.000	19.263	3.7	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.528	-2.6	93	0.00
72	1,2,3-Trichloropropane	20.000	19.151	4.2	95	0.00
73	Bromobenzene	20.000	21.260	-6.3	97	0.00
74	n-propylbenzene	20.000	19.047	4.8	85	0.00
75	2-Chlorotoluene	20.000	18.813	5.9	85	0.00
76	1,3,5-Trimethylbenzene	20.000	19.121	4.4	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.538	2.3	95	0.00
78	4-Chlorotoluene	20.000	18.755	6.2	85	0.00
79	tert-butylbenzene	20.000	18.534	7.3	84	0.00
80	1,2,4-Trimethylbenzene	20.000	19.795	1.0	90	0.00
81	sec-Butylbenzene	20.000	18.411	7.9	81	0.00
82	p-Isopropyltoluene	20.000	18.395	8.0	82	0.00
83 M	1,3-Dichlorobenzene	20.000	20.586	-2.9	92	0.00
84 M	1,4-Dichlorobenzene	20.000	20.869	-4.3	95	0.00
85	n-Butylbenzene	20.000	17.979	10.1	78	0.00
86 T	Hexachloroethane	20.000	17.338	13.3	79	0.00
87 M	1,2-Dichlorobenzene	20.000	20.718	-3.6	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.968	5.2	90	0.00
89	1,2,4-Trichlorobenzene	20.000	20.207	-1.0	94	0.00
90	Hexachlorobutadiene	20.000	18.817	5.9	83	0.00
91 M	Naphthalene	20.000	19.939	0.3	94	0.00
92	1,2,3-Trichlorobenzene	20.000	20.207	-1.0	94	0.00

(#) = Out of Range

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