

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088046.D
 Acq On : 08 Oct 2025 17:05
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 09 02:59:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	17.367	13.2	76	0.00
3 M	Chloromethane	20.000	16.463	17.7	75	0.00
4 M	Vinyl Chloride	20.000	16.356	18.2	74	0.00
5 M	Bromomethane	20.000	15.506	22.5	74	0.00
6 M	Chloroethane	20.000	16.396	18.0	75	0.00
7 M	Trichlorofluoromethane	20.000	17.447	12.8	80	0.00
8 T	Diethyl Ether	20.000	16.496	17.5	77	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.696	16.5	77	0.00
10 M	1,1-Dichloroethene	20.000	17.129	14.4	79	0.00
11	Methyl Iodide	20.000	12.906	35.5#	71	0.00
12	Methyl Acetate	20.000	16.791	16.0	78	0.00
13 M	Acrolein	100.000	101.957	-2.0	105	0.00
14 M	Acrylonitrile	100.000	82.387	17.6	76	0.00
15 M	Acetone	100.000	73.410	26.6#	67	0.00
16 M	Carbon Disulfide	20.000	16.744	16.3	78	0.01
17	Allyl chloride	20.000	15.965	20.2	74	0.00
18 M	Methylene Chloride	20.000	16.526	17.4	78	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.953	15.2	77	0.00
20 T	Diisopropyl ether	20.000	16.733	16.3	77	0.00
21 M	1,1-Dichloroethane	20.000	16.447	17.8	75	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.485	17.6	76	0.00
23 M	tert-Butyl Alcohol	100.000	79.244	20.8	73	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.521	17.4	77	0.00
25 M	Chloroform	20.000	16.508	17.5	77	0.00
26	Cyclohexane	20.000	16.693	16.5	75	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.797	0.7	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	17.090	14.6	79	0.00
30 M	2-Butanone	100.000	82.062	17.9	74	0.00
31	2,2-Dichloropropane	20.000	16.007	20.0	72	0.00
32 M	1,1,1-Trichloroethane	20.000	16.830	15.9	75	0.00
33 M	Carbon Tetrachloride	20.000	17.057	14.7	78	0.00
34 M	Benzene	20.000	16.670	16.6	76	0.00
35	Methacrylonitrile	20.000	15.845	20.8	71	0.00
36 M	1,2-Dichloroethane	20.000	17.386	13.1	79	0.00
37 M	Trichloroethene	20.000	16.484	17.6	75	0.00
38	Methylcyclohexane	20.000	16.821	15.9	77	0.00
39 M	1,2-Dichloropropane	20.000	16.986	15.1	78	0.00
40	Dibromomethane	20.000	16.900	15.5	77	0.00
41 M	Bromodichloromethane	20.000	16.612	16.9	77	0.00
42 M	Vinyl Acetate	100.000	88.778	11.2	86	0.00
43	Ethyl Acetate	20.000	16.199	19.0	73	0.00
44	Isopropyl Acetate	20.000	16.760	16.2	77	0.00
45 T	1,4-Dioxane	400.000	305.197	23.7	64	0.00
46	Methyl methacrylate	20.000	17.042	14.8	87	0.00
47	n-amyl Acetate	20.000	17.301	13.5	80	0.11
48 M	t-1,3-Dichloropropene	20.000	16.272	18.6	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.387	18.1	75	0.00
50 M	1,1,2-Trichloroethane	20.000	16.405	18.0	75	0.00
51	Ethyl methacrylate	20.000	16.562	17.2	79	0.00
52	1,3-Dichloropropane	20.000	16.836	15.8	77	0.00
53 M	Dibromochloromethane	20.000	16.324	18.4	76	0.00
54 M	1,2-Dibromoethane	20.000	16.599	17.0	77	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.824	13.2	77	0.00
56 M	Bromoform	20.000	15.364	23.2	73	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	86.469	13.5	78	0.00
59 M	2-Hexanone	100.000	81.651	18.3	74	0.00
60 S	4-Bromofluorobenzene	30.000	30.080	-0.3	90	0.00
61 M	Tetrachloroethene	20.000	16.203	19.0	72	0.00
62 M	Toluene	20.000	17.162	14.2	77	0.00
63 S	Toluene-d8	30.000	30.358	-1.2	91	0.00
64 M	Chlorobenzene	20.000	16.759	16.2	76	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.081	14.6	75	0.00
66 M	Ethyl Benzene	20.000	17.227	13.9	78	0.00
67 M	m/p-Xylenes	40.000	33.809	15.5	76	0.00
68 M	o-Xylene	20.000	17.193	14.0	77	0.00
69 M	Styrene	20.000	16.798	16.0	78	0.00
70	Isopropylbenzene	20.000	16.946	15.3	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.074	14.6	78	0.00
72	1,2,3-Trichloropropane	20.000	17.489	12.6	83	0.00
73	Bromobenzene	20.000	17.029	14.9	76	0.00
74	n-propylbenzene	20.000	16.762	16.2	76	0.00
75	2-Chlorotoluene	20.000	16.798	16.0	76	0.00
76	1,3,5-Trimethylbenzene	20.000	17.120	14.4	78	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.266	28.7#	71	0.00
78	4-Chlorotoluene	20.000	16.463	17.7	75	0.00
79	tert-butylbenzene	20.000	17.397	13.0	78	0.00
80	1,2,4-Trimethylbenzene	20.000	17.256	13.7	78	0.00
81	sec-Butylbenzene	20.000	17.260	13.7	78	0.00
82	p-Isopropyltoluene	20.000	16.768	16.2	75	0.00
83 M	1,3-Dichlorobenzene	20.000	16.698	16.5	75	0.00
84 M	1,4-Dichlorobenzene	20.000	17.066	14.7	76	0.00
85	n-Butylbenzene	20.000	16.828	15.9	76	0.00
86 T	Hexachloroethane	20.000	16.304	18.5	75	0.00
87 M	1,2-Dichlorobenzene	20.000	16.911	15.4	76	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.637	11.8	77	0.00
89	1,2,4-Trichlorobenzene	20.000	16.342	18.3	73	0.00
90	Hexachlorobutadiene	20.000	16.043	19.8	74	0.00
91 M	Naphthalene	20.000	16.810	16.0	76	0.00
92	1,2,3-Trichlorobenzene	20.000	16.342	18.3	73	0.00

(#) = Out of Range

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