

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087714.D
 Acq On : 04 Sep 2025 10:54
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 05 02:16:39 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	75	0.00
2 M	Dichlorodifluoromethane	20.000	19.049	4.8	68	0.00
3 M	Chloromethane	20.000	19.766	1.2	69	0.00
4 M	Vinyl Chloride	20.000	21.045	-5.2	74	0.00
5 M	Bromomethane	20.000	24.291	-21.5	91	0.00
6 M	Chloroethane	20.000	22.610	-13.0	81	0.00
7 M	Trichlorofluoromethane	20.000	21.576	-7.9	78	0.00
8 T	Diethyl Ether	20.000	20.425	-2.1	74	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	24.706	-23.5	91	0.00
10 M	1,1-Dichloroethene	20.000	22.063	-10.3	79	0.00
11	Methyl Iodide	20.000	15.448	22.8	70	-0.01
12	Methyl Acetate	20.000	22.519	-12.6	83	0.00
13 M	Acrolein	100.000	95.068	4.9	72	0.00
14 M	Acrylonitrile	100.000	93.724	6.3	69	0.00
15 M	Acetone	100.000	109.668	-9.7	75	0.00
16 M	Carbon Disulfide	20.000	18.410	7.9	68	0.00
17	Allyl chloride	20.000	18.307	8.5	68	-0.01
18 M	Methylene Chloride	20.000	19.962	0.2	73	-0.01
19 M	trans-1,2-Dichloroethene	20.000	18.378	8.1	67	0.00
20 T	Diisopropyl ether	20.000	18.574	7.1	68	-0.01
21 M	1,1-Dichloroethane	20.000	19.385	3.1	69	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.126	4.4	69	0.00
23 M	tert-Butyl Alcohol	100.000	77.117	22.9	57	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.719	11.4	65	0.00
25 M	Chloroform	20.000	19.968	0.2	73	0.00
26	Cyclohexane	20.000	17.583	12.1	63	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.933	6.9	68	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	69	0.00
29	1,1-Dichloropropene	20.000	20.075	-0.4	69	0.00
30 M	2-Butanone	100.000	96.824	3.2	66	0.00
31	2,2-Dichloropropane	20.000	21.065	-5.3	71	0.00
32 M	1,1,1-Trichloroethane	20.000	20.808	-4.0	72	0.00
33 M	Carbon Tetrachloride	20.000	20.620	-3.1	70	0.00
34 M	Benzene	20.000	20.573	-2.9	71	0.00
35	Methacrylonitrile	20.000	18.966	5.2	64	0.00
36 M	1,2-Dichloroethane	20.000	20.317	-1.6	68	0.00
37 M	Trichloroethene	20.000	20.772	-3.9	70	0.00
38	Methylcyclohexane	20.000	18.183	9.1	62	0.00
39 M	1,2-Dichloropropane	20.000	21.436	-7.2	73	0.00
40	Dibromomethane	20.000	20.170	-0.9	69	0.00
41 M	Bromodichloromethane	20.000	20.422	-2.1	71	0.00
42 M	Vinyl Acetate	100.000	102.828	-2.8	69	0.00
43	Ethyl Acetate	20.000	20.443	-2.2	70	0.00
44	Isopropyl Acetate	20.000	18.837	5.8	64	0.00
45 T	1,4-Dioxane	400.000	321.735	19.6	54	0.00
46	Methyl methacrylate	20.000	18.523	7.4	63	0.00
47	n-amyl Acetate	20.000	19.454	2.7	77	0.03
48 M	t-1,3-Dichloropropene	20.000	19.505	2.5	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.087	-0.4	70	0.00
50 M	1,1,2-Trichloroethane	20.000	22.082	-10.4	76	0.00
51	Ethyl methacrylate	20.000	18.444	7.8	64	0.00
52	1,3-Dichloropropane	20.000	21.132	-5.7	72	0.00
53 M	Dibromochloromethane	20.000	20.469	-2.3	72	0.00
54 M	1,2-Dibromoethane	20.000	20.155	-0.8	69	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.933	7.1	64	0.00
56 M	Bromoform	20.000	19.424	2.9	69	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	70	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.321	0.7	67	0.00
59 M	2-Hexanone	100.000	95.594	4.4	67	0.00
60 S	4-Bromofluorobenzene	30.000	29.288	2.4	68	0.00
61 M	Tetrachloroethene	20.000	21.211	-6.1	74	0.00
62 M	Toluene	20.000	20.446	-2.2	70	0.00
63 S	Toluene-d8	30.000	30.412	-1.4	71	0.00
64 M	Chlorobenzene	20.000	20.801	-4.0	72	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.267	-6.3	74	0.00
66 M	Ethyl Benzene	20.000	19.733	1.3	68	0.00
67 M	m/p-Xylenes	40.000	40.313	-0.8	70	0.00
68 M	o-Xylene	20.000	18.876	5.6	65	0.00
69 M	Styrene	20.000	19.476	2.6	67	0.00
70	Isopropylbenzene	20.000	19.568	2.2	67	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.812	-9.1	73	0.00
72	1,2,3-Trichloropropane	20.000	21.469	-7.3	80	0.00
73	Bromobenzene	20.000	19.958	0.2	70	0.00
74	n-propylbenzene	20.000	20.500	-2.5	71	0.00
75	2-Chlorotoluene	20.000	19.495	2.5	67	0.00
76	1,3,5-Trimethylbenzene	20.000	19.937	0.3	68	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.800	11.0	66	0.00
78	4-Chlorotoluene	20.000	20.115	-0.6	71	0.00
79	tert-butylbenzene	20.000	19.444	2.8	67	0.00
80	1,2,4-Trimethylbenzene	20.000	20.173	-0.9	70	0.00
81	sec-Butylbenzene	20.000	20.195	-1.0	69	0.00
82	p-Isopropyltoluene	20.000	19.739	1.3	68	0.00
83 M	1,3-Dichlorobenzene	20.000	21.371	-6.9	73	0.00
84 M	1,4-Dichlorobenzene	20.000	21.893	-9.5	75	0.00
85	n-Butylbenzene	20.000	20.078	-0.4	68	0.00
86 T	Hexachloroethane	20.000	20.565	-2.8	71	0.00
87 M	1,2-Dichlorobenzene	20.000	21.300	-6.5	73	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.995	10.0	61	0.00
89	1,2,4-Trichlorobenzene	20.000	19.850	0.7	70	0.00
90	Hexachlorobutadiene	20.000	18.070	9.6	62	0.00
91 M	Naphthalene	20.000	19.078	4.6	66	0.00
92	1,2,3-Trichlorobenzene	20.000	19.850	0.7	70	0.00

(#) = Out of Range

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