

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087772.D
 Acq On : 09 Sep 2025 14:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 10 02:31:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	19.078	4.6	110	0.00
3 M	Chloromethane	20.000	20.430	-2.1	121	0.00
4 M	Vinyl Chloride	20.000	20.075	-0.4	120	0.00
5 M	Bromomethane	20.000	17.682	11.6	112	0.00
6 M	Chloroethane	20.000	20.857	-4.3	126	0.00
7 M	Trichlorofluoromethane	20.000	20.037	-0.2	121	0.00
8 T	Diethyl Ether	20.000	18.939	5.3	120	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.317	8.4	110	0.00
10 M	1,1-Dichloroethene	20.000	19.556	2.2	122	-0.01
11	Methyl Iodide	20.000	16.131	19.3	120	0.00
12	Methyl Acetate	20.000	19.621	1.9	117	0.00
13 M	Acrolein	100.000	92.430	7.6	115	0.00
14 M	Acrylonitrile	100.000	95.965	4.0	119	0.00
15 M	Acetone	100.000	94.038	6.0	120	0.00
16 M	Carbon Disulfide	20.000	19.620	1.9	121	0.00
17	Allyl chloride	20.000	18.322	8.4	116	0.00
18 M	Methylene Chloride	20.000	19.583	2.1	124	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.472	2.6	118	0.00
20 T	Diisopropyl ether	20.000	19.175	4.1	119	0.00
21 M	1,1-Dichloroethane	20.000	18.922	5.4	117	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.272	3.6	118	0.00
23 M	tert-Butyl Alcohol	100.000	98.540	1.5	119	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.002	5.0	120	0.00
25 M	Chloroform	20.000	20.021	-0.1	121	0.00
26	Cyclohexane	20.000	18.617	6.9	117	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.743	-2.5	113	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	19.610	2.0	119	0.00
30 M	2-Butanone	100.000	99.937	0.1	124	0.00
31	2,2-Dichloropropane	20.000	18.846	5.8	125	0.00
32 M	1,1,1-Trichloroethane	20.000	20.396	-2.0	121	0.00
33 M	Carbon Tetrachloride	20.000	19.609	2.0	121	0.00
34 M	Benzene	20.000	19.610	2.0	119	0.00
35	Methacrylonitrile	20.000	19.993	0.0	114	0.00
36 M	1,2-Dichloroethane	20.000	20.173	-0.9	121	0.00
37 M	Trichloroethene	20.000	18.611	6.9	113	0.00
38	Methylcyclohexane	20.000	18.434	7.8	116	0.00
39 M	1,2-Dichloropropane	20.000	20.896	-4.5	125	0.00
40	Dibromomethane	20.000	20.225	-1.1	123	0.00
41 M	Bromodichloromethane	20.000	19.942	0.3	120	0.00
42 M	Vinyl Acetate	100.000	96.079	3.9	120	0.00
43	Ethyl Acetate	20.000	19.546	2.3	116	0.00
44	Isopropyl Acetate	20.000	19.921	0.4	120	0.00
45 T	1,4-Dioxane	400.000	419.268	-4.8	119	0.00
46	Methyl methacrylate	20.000	19.550	2.2	122	0.00
47	n-amyl Acetate	20.000	19.596	2.0	153	-0.09
48 M	t-1,3-Dichloropropene	20.000	19.244	3.8	123	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.842	5.8	121	0.00
50 M	1,1,2-Trichloroethane	20.000	20.164	-0.8	123	0.00
51	Ethyl methacrylate	20.000	19.420	2.9	127	0.00
52	1,3-Dichloropropane	20.000	19.750	1.3	119	0.00
53 M	Dibromochloromethane	20.000	20.060	-0.3	132	0.00
54 M	1,2-Dibromoethane	20.000	19.814	0.9	123	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.390	1.6	119	0.00
56 M	Bromoform	20.000	19.419	2.9	127	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	113	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.379	1.6	121	0.00
59 M	2-Hexanone	100.000	94.843	5.2	119	0.00
60 S	4-Bromofluorobenzene	30.000	30.226	-0.8	112	0.00
61 M	Tetrachloroethene	20.000	19.907	0.5	121	0.00
62 M	Toluene	20.000	19.141	4.3	117	0.00
63 S	Toluene-d8	30.000	30.007	-0.0	112	0.00
64 M	Chlorobenzene	20.000	19.882	0.6	124	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.801	1.0	124	0.00
66 M	Ethyl Benzene	20.000	18.845	5.8	120	0.00
67 M	m/p-Xylenes	40.000	38.023	4.9	122	0.00
68 M	o-Xylene	20.000	18.825	5.9	117	0.00
69 M	Styrene	20.000	19.051	4.7	123	0.00
70	Isopropylbenzene	20.000	18.760	6.2	122	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.376	3.1	116	0.00
72	1,2,3-Trichloropropane	20.000	19.509	2.5	109	0.00
73	Bromobenzene	20.000	19.382	3.1	122	0.00
74	n-propylbenzene	20.000	19.507	2.5	123	0.00
75	2-Chlorotoluene	20.000	19.056	4.7	118	0.00
76	1,3,5-Trimethylbenzene	20.000	19.619	1.9	124	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.576	12.1	116	0.00
78	4-Chlorotoluene	20.000	19.139	4.3	117	0.00
79	tert-butylbenzene	20.000	19.285	3.6	122	0.00
80	1,2,4-Trimethylbenzene	20.000	19.391	3.0	121	0.00
81	sec-Butylbenzene	20.000	19.803	1.0	124	0.00
82	p-Isopropyltoluene	20.000	19.272	3.6	123	0.00
83 M	1,3-Dichlorobenzene	20.000	19.293	3.5	116	0.00
84 M	1,4-Dichlorobenzene	20.000	19.434	2.8	120	0.00
85	n-Butylbenzene	20.000	19.502	2.5	127	0.00
86 T	Hexachloroethane	20.000	19.967	0.2	123	0.00
87 M	1,2-Dichlorobenzene	20.000	19.951	0.2	122	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.901	0.5	116	0.00
89	1,2,4-Trichlorobenzene	20.000	18.632	6.8	119	0.00
90	Hexachlorobutadiene	20.000	21.190	-6.0	125	0.00
91 M	Naphthalene	20.000	17.899	10.5	117	0.00
92	1,2,3-Trichlorobenzene	20.000	18.632	6.8	119	0.00

(#) = Out of Range

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