

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087764.D
 Acq On : 09 Sep 2025 09:16
 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 02:26:45 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	120	0.00
2 M	Dichlorodifluoromethane	20.000	17.978	10.1	115	0.00
3 M	Chloromethane	20.000	18.806	6.0	123	0.00
4 M	Vinyl Chloride	20.000	17.739	11.3	117	0.00
5 M	Bromomethane	20.000	18.295	8.5	128	0.01
6 M	Chloroethane	20.000	17.406	13.0	116	0.00
7 M	Trichlorofluoromethane	20.000	18.374	8.1	123	0.00
8 T	Diethyl Ether	20.000	17.577	12.1	123	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.246	3.8	127	-0.01
10 M	1,1-Dichloroethene	20.000	17.706	11.5	122	0.00
11	Methyl Iodide	20.000	16.102	19.5	132	0.00
12	Methyl Acetate	20.000	17.298	13.5	114	0.00
13 M	Acrolein	100.000	84.727	15.3	117	0.00
14 M	Acrylonitrile	100.000	89.101	10.9	122	-0.01
15 M	Acetone	100.000	99.846	0.2	141	-0.01
16 M	Carbon Disulfide	20.000	18.088	9.6	124	0.00
17	Allyl chloride	20.000	17.836	10.8	124	0.00
18 M	Methylene Chloride	20.000	18.139	9.3	127	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.234	8.8	122	0.00
20 T	Diisopropyl ether	20.000	17.325	13.4	119	0.00
21 M	1,1-Dichloroethane	20.000	18.154	9.2	124	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.313	8.4	124	0.00
23 M	tert-Butyl Alcohol	100.000	82.469	17.5	110	-0.02
24 M	Methyl tert-Butyl Ether	20.000	17.679	11.6	124	0.00
25 M	Chloroform	20.000	18.640	6.8	125	0.00
26	Cyclohexane	20.000	17.755	11.2	123	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.015	3.3	118	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	124	0.00
29	1,1-Dichloropropene	20.000	17.974	10.1	121	0.00
30 M	2-Butanone	100.000	88.672	11.3	122	0.00
31	2,2-Dichloropropane	20.000	18.535	7.3	136	0.00
32 M	1,1,1-Trichloroethane	20.000	18.295	8.5	121	0.00
33 M	Carbon Tetrachloride	20.000	18.207	9.0	125	0.00
34 M	Benzene	20.000	18.460	7.7	125	0.00
35	Methacrylonitrile	20.000	17.589	12.1	111	0.00
36 M	1,2-Dichloroethane	20.000	18.527	7.4	123	0.00
37 M	Trichloroethene	20.000	18.344	8.3	124	0.00
38	Methylcyclohexane	20.000	17.516	12.4	122	0.00
39 M	1,2-Dichloropropane	20.000	18.539	7.3	124	0.00
40	Dibromomethane	20.000	17.699	11.5	120	0.00
41 M	Bromodichloromethane	20.000	18.150	9.3	121	0.00
42 M	Vinyl Acetate	100.000	89.910	10.1	125	0.00
43	Ethyl Acetate	20.000	17.486	12.6	115	0.00
44	Isopropyl Acetate	20.000	17.923	10.4	120	0.00
45 T	1,4-Dioxane	400.000	325.472	18.6	103	0.00
46	Methyl methacrylate	20.000	18.025	9.9	125	0.00
47	n-amyl Acetate	20.000	19.405	3.0	169	-0.15
48 M	t-1,3-Dichloropropene	20.000	18.305	8.5	130	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090925\
 Data File : VN087764.D
 Acq On : 09 Sep 2025 09:16
 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 02:26:45 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)
49 T	cis-1,3-Dichloropropene	20.000	18.117	9.4	130	0.00
50 M	1,1,2-Trichloroethane	20.000	18.219	8.9	124	0.00
51	Ethyl methacrylate	20.000	17.043	14.8	124	0.00
52	1,3-Dichloropropane	20.000	18.301	8.5	123	0.00
53 M	Dibromochloromethane	20.000	18.587	7.1	136	0.00
54 M	1,2-Dibromoethane	20.000	18.579	7.1	128	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.311	10.7	120	0.00
56 M	Bromoform	20.000	17.661	11.7	129	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	122	0.00
58 M	4-Methyl-2-Pentanone	100.000	89.616	10.4	119	0.00
59 M	2-Hexanone	100.000	90.774	9.2	123	0.00
60 S	4-Bromofluorobenzene	30.000	29.800	0.7	120	0.00
61 M	Tetrachloroethene	20.000	19.140	4.3	125	0.00
62 M	Toluene	20.000	18.565	7.2	123	0.00
63 S	Toluene-d8	30.000	30.330	-1.1	122	0.00
64 M	Chlorobenzene	20.000	18.326	8.4	124	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.121	9.4	123	0.00
66 M	Ethyl Benzene	20.000	18.533	7.3	127	0.00
67 M	m/p-Xylenes	40.000	36.509	8.7	126	0.00
68 M	o-Xylene	20.000	18.191	9.0	122	0.00
69 M	Styrene	20.000	18.107	9.5	126	0.00
70	Isopropylbenzene	20.000	18.550	7.2	130	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.926	5.4	123	0.00
72	1,2,3-Trichloropropane	20.000	18.051	9.7	109	0.00
73	Bromobenzene	20.000	17.668	11.7	120	0.00
74	n-propylbenzene	20.000	18.570	7.1	127	0.00
75	2-Chlorotoluene	20.000	18.129	9.4	121	0.00
76	1,3,5-Trimethylbenzene	20.000	18.816	5.9	128	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.838	-4.2	149	0.00
78	4-Chlorotoluene	20.000	19.247	3.8	127	0.00
79	tert-butylbenzene	20.000	18.696	6.5	127	0.00
80	1,2,4-Trimethylbenzene	20.000	18.215	8.9	122	0.00
81	sec-Butylbenzene	20.000	18.806	6.0	127	0.00
82	p-Isopropyltoluene	20.000	18.998	5.0	130	0.00
83 M	1,3-Dichlorobenzene	20.000	18.589	7.1	121	0.00
84 M	1,4-Dichlorobenzene	20.000	18.331	8.3	122	0.00
85	n-Butylbenzene	20.000	19.310	3.5	135	0.00
86 T	Hexachloroethane	20.000	19.370	3.1	128	0.00
87 M	1,2-Dichlorobenzene	20.000	19.009	5.0	126	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.027	9.9	113	0.00
89	1,2,4-Trichlorobenzene	20.000	18.558	7.2	128	0.00
90	Hexachlorobutadiene	20.000	22.156	-10.8	141	0.00
91 M	Naphthalene	20.000	17.591	12.0	124	0.00
92	1,2,3-Trichlorobenzene	20.000	18.558	7.2	128	0.00

(#) = Out of Range

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