

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087481.D
 Acq On : 06 Aug 2025 16:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 07 03:39:15 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	19.603	2.0	87	0.00
3 M	Chloromethane	20.000	18.951	5.2	82	0.00
4 M	Vinyl Chloride	20.000	19.202	4.0	83	0.00
5 M	Bromomethane	20.000	18.573	7.1	86	0.00
6 M	Chloroethane	20.000	19.776	1.1	88	0.00
7 M	Trichlorofluoromethane	20.000	19.318	3.4	86	0.00
8 T	Diethyl Ether	20.000	20.174	-0.9	91	-0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	19.657	1.7	90	-0.01
10 M	1,1-Dichloroethene	20.000	19.564	2.2	87	-0.01
11	Methyl Iodide	20.000	14.580	27.1#	82	0.00
12	Methyl Acetate	20.000	20.399	-2.0	93	0.00
13 M	Acrolein	100.000	116.676	-16.7	109	0.01
14 M	Acrylonitrile	100.000	96.821	3.2	88	0.00
15 M	Acetone	100.000	97.407	2.6	82	0.01
16 M	Carbon Disulfide	20.000	17.905	10.5	82	0.00
17	Allyl chloride	20.000	18.941	5.3	87	0.00
18 M	Methylene Chloride	20.000	18.577	7.1	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.484	7.6	84	0.00
20 T	Diisopropyl ether	20.000	19.078	4.6	87	0.00
21 M	1,1-Dichloroethane	20.000	19.175	4.1	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.172	4.1	86	0.00
23 M	tert-Butyl Alcohol	100.000	95.432	4.6	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.638	6.8	85	0.00
25 M	Chloroform	20.000	19.599	2.0	89	0.00
26	Cyclohexane	20.000	19.770	1.2	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.964	-3.2	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	18.767	6.2	85	0.00
30 M	2-Butanone	100.000	94.916	5.1	85	0.00
31	2,2-Dichloropropane	20.000	18.885	5.6	85	0.00
32 M	1,1,1-Trichloroethane	20.000	18.868	5.7	86	0.00
33 M	Carbon Tetrachloride	20.000	18.544	7.3	84	0.00
34 M	Benzene	20.000	18.899	5.5	86	0.00
35	Methacrylonitrile	20.000	18.369	8.2	81	0.00
36 M	1,2-Dichloroethane	20.000	19.146	4.3	85	0.00
37 M	Trichloroethene	20.000	18.954	5.2	85	0.00
38	Methylcyclohexane	20.000	17.476	12.6	79	0.00
39 M	1,2-Dichloropropane	20.000	18.889	5.6	85	0.00
40	Dibromomethane	20.000	18.559	7.2	83	0.00
41 M	Bromodichloromethane	20.000	18.705	6.5	86	0.00
42 M	Vinyl Acetate	100.000	104.142	-4.1	93	0.00
43	Ethyl Acetate	20.000	20.808	-4.0	94	0.00
44	Isopropyl Acetate	20.000	18.865	5.7	85	0.00
45 T	1,4-Dioxane	400.000	380.717	4.8	84	0.00
46	Methyl methacrylate	20.000	15.958	20.2	72	0.00
47	n-amyl Acetate	20.000	19.134	4.3	100	-0.01
48 M	t-1,3-Dichloropropene	20.000	18.044	9.8	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087481.D
 Acq On : 06 Aug 2025 16:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 07 03:39:15 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)
49 T	cis-1,3-Dichloropropene	20.000	18.792	6.0	87	0.00
50 M	1,1,2-Trichloroethane	20.000	18.920	5.4	86	0.00
51	Ethyl methacrylate	20.000	18.915	5.4	87	0.00
52	1,3-Dichloropropane	20.000	18.949	5.3	86	0.00
53 M	Dibromochloromethane	20.000	18.199	9.0	84	0.00
54 M	1,2-Dibromoethane	20.000	18.604	7.0	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.521	8.5	83	0.00
56 M	Bromoform	20.000	17.756	11.2	84	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.904	4.1	86	0.00
59 M	2-Hexanone	100.000	91.726	8.3	85	0.00
60 S	4-Bromofluorobenzene	30.000	29.662	1.1	92	0.00
61 M	Tetrachloroethene	20.000	18.592	7.0	87	0.00
62 M	Toluene	20.000	18.345	8.3	83	0.00
63 S	Toluene-d8	30.000	29.785	0.7	93	0.00
64 M	Chlorobenzene	20.000	18.382	8.1	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.679	11.6	82	0.00
66 M	Ethyl Benzene	20.000	18.565	7.2	84	0.00
67 M	m/p-Xylenes	40.000	36.542	8.6	84	0.00
68 M	o-Xylene	20.000	18.213	8.9	84	0.00
69 M	Styrene	20.000	17.996	10.0	82	0.00
70	Isopropylbenzene	20.000	18.215	8.9	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.698	6.5	83	0.00
72	1,2,3-Trichloropropane	20.000	20.659	-3.3	103	0.00
73	Bromobenzene	20.000	17.816	10.9	83	0.00
74	n-propylbenzene	20.000	18.484	7.6	85	0.00
75	2-Chlorotoluene	20.000	18.188	9.1	83	0.00
76	1,3,5-Trimethylbenzene	20.000	17.938	10.3	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.158	14.2	85	0.00
78	4-Chlorotoluene	20.000	18.391	8.0	86	0.00
79	tert-butylbenzene	20.000	18.208	9.0	83	0.00
80	1,2,4-Trimethylbenzene	20.000	18.480	7.6	85	0.00
81	sec-Butylbenzene	20.000	18.390	8.0	83	0.00
82	p-Isopropyltoluene	20.000	18.075	9.6	82	0.00
83 M	1,3-Dichlorobenzene	20.000	18.432	7.8	84	0.00
84 M	1,4-Dichlorobenzene	20.000	18.683	6.6	85	0.00
85	n-Butylbenzene	20.000	18.393	8.0	83	0.00
86 T	Hexachloroethane	20.000	17.822	10.9	82	0.00
87 M	1,2-Dichlorobenzene	20.000	18.733	6.3	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.491	12.5	79	0.00
89	1,2,4-Trichlorobenzene	20.000	17.831	10.8	83	0.00
90	Hexachlorobutadiene	20.000	16.371	18.1	75	0.00
91 M	Naphthalene	20.000	17.713	11.4	82	0.00
92	1,2,3-Trichlorobenzene	20.000	17.831	10.8	83	0.00

(#) = Out of Range

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