

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111425\
 Data File : VN088282.D
 Acq On : 14 Nov 2025 09:07
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 14 21:46:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	17.664	11.7	79	0.00
3 M	Chloromethane	20.000	18.940	5.3	90	0.00
4 M	Vinyl Chloride	20.000	17.589	12.1	84	0.00
5 M	Bromomethane	20.000	19.525	2.4	98	0.00
6 M	Chloroethane	20.000	17.826	10.9	85	0.00
7 M	Trichlorofluoromethane	20.000	16.954	15.2	79	0.00
8 T	Diethyl Ether	20.000	19.037	4.8	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.490	17.6	77	0.00
10 M	1,1-Dichloroethene	20.000	17.937	10.3	85	0.00
11	Methyl Iodide	20.000	16.761	16.2	84	0.00
12	Methyl Acetate	20.000	19.383	3.1	95	0.00
13 M	Acrolein	100.000	89.617	10.4	99	0.00
14 M	Acrylonitrile	100.000	96.723	3.3	95	0.00
15 M	Acetone	100.000	107.586	-7.6	105	0.00
16 M	Carbon Disulfide	20.000	17.956	10.2	84	0.00
17	Allyl chloride	20.000	18.440	7.8	90	0.00
18 M	Methylene Chloride	20.000	19.316	3.4	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.356	8.2	87	0.00
20 T	Diisopropyl ether	20.000	19.049	4.8	93	0.00
21 M	1,1-Dichloroethane	20.000	18.156	9.2	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.504	7.5	91	0.00
23 M	tert-Butyl Alcohol	100.000	91.889	8.1	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.214	3.9	96	0.00
25 M	Chloroform	20.000	18.568	7.2	92	0.00
26	Cyclohexane	20.000	16.374	18.1	75	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.912	3.6	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	18.195	9.0	83	0.00
30 M	2-Butanone	100.000	102.204	-2.2	98	0.00
31	2,2-Dichloropropane	20.000	18.626	6.9	85	0.00
32 M	1,1,1-Trichloroethane	20.000	18.420	7.9	84	0.00
33 M	Carbon Tetrachloride	20.000	17.860	10.7	82	0.00
34 M	Benzene	20.000	19.168	4.2	89	0.00
35	Methacrylonitrile	20.000	19.557	2.2	94	0.00
36 M	1,2-Dichloroethane	20.000	20.137	-0.7	94	0.00
37 M	Trichloroethene	20.000	19.029	4.9	88	0.00
38	Methylcyclohexane	20.000	15.720	21.4	70	0.00
39 M	1,2-Dichloropropane	20.000	19.509	2.5	92	0.00
40	Dibromomethane	20.000	19.915	0.4	92	0.00
41 M	Bromodichloromethane	20.000	20.015	-0.1	97	0.00
42 M	Vinyl Acetate	100.000	97.006	3.0	92	0.00
43	Ethyl Acetate	20.000	19.280	3.6	90	0.00
44	Isopropyl Acetate	20.000	19.597	2.0	93	0.00
45 T	1,4-Dioxane	400.000	378.753	5.3	84	0.00
46	Methyl methacrylate	20.000	19.571	2.1	95	0.00
47	n-amyl Acetate	20.000	15.458	22.7	80	0.01
48 M	t-1,3-Dichloropropene	20.000	18.948	5.3	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111425\
 Data File : VN088282.D
 Acq On : 14 Nov 2025 09:07
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 14 21:46:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 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	19.710	1.4	93	0.00
50 M	1,1,2-Trichloroethane	20.000	19.844	0.8	94	0.00
51	Ethyl methacrylate	20.000	18.500	7.5	92	0.00
52	1,3-Dichloropropane	20.000	19.456	2.7	92	0.00
53 M	Dibromochloromethane	20.000	20.002	-0.0	97	0.00
54 M	1,2-Dibromoethane	20.000	19.395	3.0	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	82.226	17.8	81	0.00
56 M	Bromoform	20.000	18.737	6.3	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.638	-1.6	95	0.00
59 M	2-Hexanone	100.000	104.129	-4.1	101	0.00
60 S	4-Bromofluorobenzene	30.000	29.790	0.7	96	0.00
61 M	Tetrachloroethene	20.000	19.094	4.5	85	0.00
62 M	Toluene	20.000	19.486	2.6	89	0.00
63 S	Toluene-d8	30.000	29.885	0.4	91	0.00
64 M	Chlorobenzene	20.000	19.688	1.6	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.242	-1.2	94	0.00
66 M	Ethyl Benzene	20.000	18.793	6.0	87	0.00
67 M	m/p-Xylenes	40.000	36.590	8.5	84	0.00
68 M	o-Xylene	20.000	18.675	6.6	88	0.00
69 M	Styrene	20.000	18.497	7.5	89	0.00
70	Isopropylbenzene	20.000	18.043	9.8	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.434	-2.2	96	0.00
72	1,2,3-Trichloropropane	20.000	20.939	-4.7	108	0.00
73	Bromobenzene	20.000	19.621	1.9	93	0.00
74	n-propylbenzene	20.000	18.136	9.3	84	0.00
75	2-Chlorotoluene	20.000	18.672	6.6	88	0.00
76	1,3,5-Trimethylbenzene	20.000	18.733	6.3	87	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.566	7.2	93	0.00
78	4-Chlorotoluene	20.000	18.683	6.6	87	0.00
79	tert-butylbenzene	20.000	17.678	11.6	83	0.00
80	1,2,4-Trimethylbenzene	20.000	18.660	6.7	88	0.00
81	sec-Butylbenzene	20.000	17.700	11.5	81	0.00
82	p-Isopropyltoluene	20.000	17.625	11.9	81	0.00
83 M	1,3-Dichlorobenzene	20.000	19.103	4.5	88	0.00
84 M	1,4-Dichlorobenzene	20.000	19.379	3.1	92	0.00
85	n-Butylbenzene	20.000	18.110	9.5	81	0.00
86 T	Hexachloroethane	20.000	18.143	9.3	86	0.00
87 M	1,2-Dichlorobenzene	20.000	19.667	1.7	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.232	3.8	95	0.00
89	1,2,4-Trichlorobenzene	20.000	18.736	6.3	90	0.00
90	Hexachlorobutadiene	20.000	17.436	12.8	79	0.00
91 M	Naphthalene	20.000	18.578	7.1	90	0.00
92	1,2,3-Trichlorobenzene	20.000	18.736	6.3	90	0.00

(#) = Out of Range

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