

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	100	0.00
2 M	Dichlorodifluoromethane	2.109	1.863	11.7	79	0.00
3 M	Chloromethane	2.174	2.059	5.3	90	0.00
4 M	Vinyl Chloride	2.299	2.022	12.0	84	0.00
5 M	Bromomethane	1.226	1.197	2.4	98	0.00
6 M	Chloroethane	1.421	1.267	10.8	85	0.00
7 M	Trichlorofluoromethane	3.223	2.732	15.2	79	0.00
8 T	Diethyl Ether	1.205	1.147	4.8	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.691	1.394	17.6	77	0.00
10 M	1,1-Dichloroethene	1.650	1.480	10.3	85	0.00
11	Methyl Iodide	1.756	1.471	16.2	84	0.00
12	Methyl Acetate	2.661	2.579	3.1	95	0.00
13 M	Acrolein	0.392	0.351	10.5	99	0.00
14 M	Acrylonitrile	1.209	1.170	3.2	95	0.00
15 M	Acetone	0.354	0.380	-7.3	105	0.00
16 M	Carbon Disulfide	5.564	4.995	10.2	84	0.00
17	Allyl chloride	3.206	2.956	7.8	90	0.00
18 M	Methylene Chloride	2.050	1.980	3.4	94	0.00
19 M	trans-1,2-Dichloroethene	1.921	1.763	8.2	87	0.00
20 T	Diisopropyl ether	6.850	6.524	4.8	93	0.00
21 M	1,1-Dichloroethane	3.859	3.503	9.2	87	0.00
22 M	cis-1,2-Dichloroethene	2.233	2.066	7.5	91	0.00
23 M	tert-Butyl Alcohol	0.445	0.409	8.1	94	0.00
24 M	Methyl tert-Butyl Ether	6.651	6.390	3.9	96	0.00
25 M	Chloroform	3.824	3.550	7.2	92	0.00
26	Cyclohexane	3.260	2.669	18.1	75	0.00
27 s	1,2-Dichloroethane-d4	2.740	2.641	3.6	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.501	0.455	9.2	83	0.00
30 M	2-Butanone	0.324	0.331	-2.2	98	0.00
31	2,2-Dichloropropane	0.617	0.575	6.8	85	0.00
32 M	1,1,1-Trichloroethane	0.617	0.568	7.9	84	0.00
33 M	Carbon Tetrachloride	0.527	0.471	10.6	82	0.00
34 M	Benzene	1.496	1.434	4.1	89	0.00
35	Methacrylonitrile	0.338	0.330	2.4	94	0.00
36 M	1,2-Dichloroethane	0.582	0.586	-0.7	94	0.00
37 M	Trichloroethene	0.339	0.323	4.7	88	0.00
38	Methylcyclohexane	0.574	0.451	21.4	70	0.00
39 M	1,2-Dichloropropane	0.386	0.377	2.3	92	0.00
40	Dibromomethane	0.277	0.276	0.4	92	0.00
41 M	Bromodichloromethane	0.558	0.559	-0.2	97	0.00
42 M	Vinyl Acetate	1.081	1.048	3.1	92	0.00
43	Ethyl Acetate	0.651	0.628	3.5	90	0.00
44	Isopropyl Acetate	1.004	0.984	2.0	93	0.00
45 T	1,4-Dioxane	0.006	0.006	0.0	84	0.00
46	Methyl methacrylate	0.470	0.460	2.1	95	0.00
47	n-amyl Acetate	0.509	0.393	22.8	80	0.01
48 M	t-1,3-Dichloropropene	0.597	0.566	5.2	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.621	0.612	1.4	93	0.00
50 M	1,1,2-Trichloroethane	0.343	0.340	0.9	94	0.00
51	Ethyl methacrylate	0.564	0.522	7.4	92	0.00
52	1,3-Dichloropropane	0.625	0.608	2.7	92	0.00
53 M	Dibromochloromethane	0.394	0.394	0.0	97	0.00
54 M	1,2-Dibromoethane	0.356	0.346	2.8	94	0.00
55 M	2-Chloroethyl vinyl ether	0.325	0.267	17.8	81	0.00
56 M	Bromoform	0.249	0.234	6.0	93	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	0.679	0.690	-1.6	95	0.00
59 M	2-Hexanone	0.451	0.469	-4.0	101	0.00
60 S	4-Bromofluorobenzene	0.507	0.504	0.6	96	0.00
61 M	Tetrachloroethene	0.309	0.295	4.5	85	0.00
62 M	Toluene	1.722	1.677	2.6	89	0.00
63 S	Toluene-d8	1.420	1.415	0.4	91	0.00
64 M	Chlorobenzene	1.066	1.050	1.5	93	0.00
65	1,1,1,2-Tetrachloroethane	0.365	0.369	-1.1	94	0.00
66 M	Ethyl Benzene	1.897	1.783	6.0	87	0.00
67 M	m/p-Xylenes	0.710	0.649	8.6	84	0.00
68 M	o-Xylene	0.669	0.625	6.6	88	0.00
69 M	Styrene	1.137	1.051	7.6	89	0.00
70	Isopropylbenzene	1.774	1.600	9.8	84	0.00
71 M	1,1,2,2-Tetrachloroethane	0.575	0.587	-2.1	96	0.00
72	1,2,3-Trichloropropane	0.557	0.583	-4.7	108	0.00
73	Bromobenzene	0.400	0.393	1.8	93	0.00
74	n-propylbenzene	2.195	1.991	9.3	84	0.00
75	2-Chlorotoluene	1.335	1.246	6.7	88	0.00
76	1,3,5-Trimethylbenzene	1.489	1.395	6.3	87	0.00
77	t-1,4-Dichloro-2-butene	0.191	0.177	7.3	93	0.00
78	4-Chlorotoluene	1.353	1.264	6.6	87	0.00
79	tert-butylbenzene	1.275	1.127	11.6	83	0.00
80	1,2,4-Trimethylbenzene	1.481	1.381	6.8	88	0.00
81	sec-Butylbenzene	1.859	1.646	11.5	81	0.00
82	p-Isopropyltoluene	1.536	1.354	11.8	81	0.00
83 M	1,3-Dichlorobenzene	0.778	0.743	4.5	88	0.00
84 M	1,4-Dichlorobenzene	0.788	0.764	3.0	92	0.00
85	n-Butylbenzene	1.464	1.326	9.4	81	0.00
86 T	Hexachloroethane	0.294	0.267	9.2	86	0.00
87 M	1,2-Dichlorobenzene	0.734	0.722	1.6	91	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.130	3.7	95	0.00
89	1,2,4-Trichlorobenzene	0.412	0.386	6.3	90	0.00
90	Hexachlorobutadiene	0.160	0.140	12.5	79	0.00
91 M	Naphthalene	1.491	1.385	7.1	90	0.00
92	1,2,3-Trichlorobenzene	0.412	0.386	6.3	90	0.00

(#) = Out of Range

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