

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112625\
 Data File : VN088362.D
 Acq On : 26 Nov 2025 09:06
 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 27 00:07:59 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	98	0.00
2 M	Dichlorodifluoromethane	2.109	1.854	12.1	77	0.00
3 M	Chloromethane	2.174	2.090	3.9	89	0.00
4 M	Vinyl Chloride	2.299	2.055	10.6	83	0.00
5 M	Bromomethane	1.226	1.113	9.2	90	0.00
6 M	Chloroethane	1.421	1.363	4.1	89	0.00
7 M	Trichlorofluoromethane	3.223	2.864	11.1	81	0.00
8 T	Diethyl Ether	1.205	1.139	5.5	93	0.00
9	1,1,2-Trichlorotrifluoroeth	1.691	1.535	9.2	84	0.00
10 M	1,1-Dichloroethene	1.650	1.559	5.5	87	0.00
11	Methyl Iodide	1.756	1.573	10.4	88	0.00
12	Methyl Acetate	2.661	2.695	-1.3	97	0.00
13 M	Acrolein	0.392	0.562	-43.4#	156#	0.00
14 M	Acrylonitrile	1.209	1.183	2.2	95	0.00
15 M	Acetone	0.354	0.234	33.9#	63	0.01
16 M	Carbon Disulfide	5.564	4.879	12.3	81	0.00
17	Allyl chloride	3.206	2.902	9.5	86	0.00
18 M	Methylene Chloride	2.050	2.010	2.0	94	0.00
19 M	trans-1,2-Dichloroethene	1.921	1.859	3.2	89	0.00
20 T	Diisopropyl ether	6.850	6.604	3.6	92	0.00
21 M	1,1-Dichloroethane	3.859	3.736	3.2	91	0.00
22 M	cis-1,2-Dichloroethene	2.233	2.162	3.2	93	0.00
23 M	tert-Butyl Alcohol	0.445	0.399	10.3	90	-0.01
24 M	Methyl tert-Butyl Ether	6.651	6.324	4.9	93	0.00
25 M	Chloroform	3.824	3.853	-0.8	97	0.00
26	Cyclohexane	3.260	2.803	14.0	78	0.00
27 s	1,2-Dichloroethane-d4	2.740	2.499	8.8	89	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
29	1,1-Dichloropropene	0.501	0.493	1.6	83	0.00
30 M	2-Butanone	0.324	0.294	9.3	81	0.00
31	2,2-Dichloropropane	0.617	0.634	-2.8	87	0.00
32 M	1,1,1-Trichloroethane	0.617	0.633	-2.6	87	0.00
33 M	Carbon Tetrachloride	0.527	0.511	3.0	83	0.00
34 M	Benzene	1.496	1.604	-7.2	92	0.00
35	Methacrylonitrile	0.338	0.373	-10.4	99	0.00
36 M	1,2-Dichloroethane	0.582	0.631	-8.4	94	0.00
37 M	Trichloroethene	0.339	0.380	-12.1	96	0.00
38	Methylcyclohexane	0.574	0.502	12.5	73	0.00
39 M	1,2-Dichloropropane	0.386	0.423	-9.6	96	0.00
40	Dibromomethane	0.277	0.302	-9.0	94	0.00
41 M	Bromodichloromethane	0.558	0.609	-9.1	98	0.00
42 M	Vinyl Acetate	1.081	1.085	-0.4	89	0.00
43	Ethyl Acetate	0.651	0.687	-5.5	92	0.00
44	Isopropyl Acetate	1.004	1.103	-9.9	97	0.00
45 T	1,4-Dioxane	0.006	0.007	-16.7	90	0.00
46	Methyl methacrylate	0.470	0.491	-4.5	94	0.00
47	n-amyl Acetate	0.509	0.614	-20.6	116	0.01
48 M	t-1,3-Dichloropropene	0.597	0.619	-3.7	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.621	0.667	-7.4	94	0.00
50 M	1,1,2-Trichloroethane	0.343	0.378	-10.2	97	0.00
51	Ethyl methacrylate	0.564	0.582	-3.2	96	0.00
52	1,3-Dichloropropane	0.625	0.693	-10.9	97	0.00
53 M	Dibromochloromethane	0.394	0.448	-13.7	102	0.00
54 M	1,2-Dibromoethane	0.356	0.385	-8.1	97	0.00
55 M	2-Chloroethyl vinyl ether	0.325	0.321	1.2	91	0.00
56 M	Bromoform	0.249	0.263	-5.6	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	0.679	0.742	-9.3	99	0.00
59 M	2-Hexanone	0.451	0.434	3.8	91	0.00
60 S	4-Bromofluorobenzene	0.507	0.482	4.9	89	0.00
61 M	Tetrachloroethene	0.309	0.384	-24.3	106	0.00
62 M	Toluene	1.722	1.799	-4.5	92	0.00
63 S	Toluene-d8	1.420	1.403	1.2	88	0.00
64 M	Chlorobenzene	1.066	1.118	-4.9	96	0.00
65	1,1,1,2-Tetrachloroethane	0.365	0.391	-7.1	96	0.00
66 M	Ethyl Benzene	1.897	1.881	0.8	89	0.00
67 M	m/p-Xylenes	0.710	0.720	-1.4	91	0.00
68 M	o-Xylene	0.669	0.681	-1.8	93	0.00
69 M	Styrene	1.137	1.161	-2.1	95	0.00
70	Isopropylbenzene	1.774	1.709	3.7	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.575	0.590	-2.6	93	0.00
72	1,2,3-Trichloropropane	0.557	0.533	4.3	95	0.00
73	Bromobenzene	0.400	0.426	-6.5	97	0.00
74	n-propylbenzene	2.195	2.091	4.7	85	0.00
75	2-Chlorotoluene	1.335	1.256	5.9	85	0.00
76	1,3,5-Trimethylbenzene	1.489	1.424	4.4	86	0.00
77	t-1,4-Dichloro-2-butene	0.191	0.187	2.1	95	0.00
78	4-Chlorotoluene	1.353	1.269	6.2	85	0.00
79	tert-butylbenzene	1.275	1.181	7.4	84	0.00
80	1,2,4-Trimethylbenzene	1.481	1.465	1.1	90	0.00
81	sec-Butylbenzene	1.859	1.712	7.9	81	0.00
82	p-Isopropyltoluene	1.536	1.413	8.0	82	0.00
83 M	1,3-Dichlorobenzene	0.778	0.801	-3.0	92	0.00
84 M	1,4-Dichlorobenzene	0.788	0.822	-4.3	95	0.00
85	n-Butylbenzene	1.464	1.316	10.1	78	0.00
86 T	Hexachloroethane	0.294	0.255	13.3	79	0.00
87 M	1,2-Dichlorobenzene	0.734	0.761	-3.7	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.128	5.2	90	0.00
89	1,2,4-Trichlorobenzene	0.412	0.416	-1.0	94	0.00
90	Hexachlorobutadiene	0.160	0.151	5.6	83	0.00
91 M	Naphthalene	1.491	1.487	0.3	94	0.00
92	1,2,3-Trichlorobenzene	0.412	0.416	-1.0	94	0.00

(#) = Out of Range

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