

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088070.D
 Acq On : 17 Oct 2025 16:20
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 18 01:32:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 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	83	0.00
2 M	Dichlorodifluoromethane	1.718	1.279	25.6#	60	0.00
3 M	Chloromethane	1.948	1.671	14.2	72	0.00
4 M	Vinyl Chloride	2.031	1.659	18.3	68	0.00
5 M	Bromomethane	1.092	1.161	-6.3	93	0.00
6 M	Chloroethane	1.340	1.277	4.7	80	0.00
7 M	Trichlorofluoromethane	2.762	2.401	13.1	73	0.00
8 T	Diethyl Ether	1.248	1.267	-1.5	86	0.00
9	1,1,2-Trichlorotrifluoroeth	1.479	1.132	23.5	65	0.00
10 M	1,1-Dichloroethene	1.577	1.276	19.1	68	0.00
11	Methyl Iodide	1.454	1.115	23.3	78	0.00
12	Methyl Acetate	2.564	2.621	-2.2	86	0.00
13 M	Acrolein	0.397	0.432	-8.8	102	0.00
14 M	Acrylonitrile	1.237	1.119	9.5	77	0.00
15 M	Acetone	0.362	0.293	19.1	67	0.00
16 M	Carbon Disulfide	4.945	3.779	23.6	65	0.01
17	Allyl chloride	2.976	2.551	14.3	72	0.00
18 M	Methylene Chloride	2.005	1.781	11.2	76	0.01
19 M	trans-1,2-Dichloroethene	1.824	1.475	19.1	67	0.00
20 T	Diisopropyl ether	6.776	6.160	9.1	76	0.00
21 M	1,1-Dichloroethane	3.528	3.124	11.5	74	0.00
22 M	cis-1,2-Dichloroethene	2.283	1.933	15.3	71	0.00
23 M	tert-Butyl Alcohol	0.496	0.391	21.2	66	-0.01
24 M	Methyl tert-Butyl Ether	6.809	6.250	8.2	78	0.00
25 M	Chloroform	3.640	3.255	10.6	76	0.00
26	Cyclohexane	2.923	2.175	25.6#	61	0.00
27 s	1,2-Dichloroethane-d4	2.336	2.632	-12.7	95	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
29	1,1-Dichloropropene	0.430	0.372	13.5	66	0.00
30 M	2-Butanone	0.317	0.306	3.5	73	0.00
31	2,2-Dichloropropane	0.554	0.459	17.1	62	0.00
32 M	1,1,1-Trichloroethane	0.537	0.498	7.3	69	0.00
33 M	Carbon Tetrachloride	0.450	0.393	12.7	66	0.00
34 M	Benzene	1.426	1.309	8.2	70	0.00
35	Methacrylonitrile	0.334	0.358	-7.2	80	0.00
36 M	1,2-Dichloroethane	0.495	0.530	-7.1	81	0.00
37 M	Trichloroethene	0.338	0.277	18.0	62	0.00
38	Methylcyclohexane	0.531	0.433	18.5	62	0.00
39 M	1,2-Dichloropropane	0.358	0.362	-1.1	77	0.00
40	Dibromomethane	0.260	0.264	-1.5	77	0.00
41 M	Bromodichloromethane	0.532	0.529	0.6	77	0.00
42 M	Vinyl Acetate	1.080	1.060	1.9	79	0.00
43	Ethyl Acetate	0.610	0.646	-5.9	79	0.00
44	Isopropyl Acetate	0.996	1.020	-2.4	78	0.00
45 T	1,4-Dioxane	0.007	0.006	14.3	60	0.00
46	Methyl methacrylate	0.439	0.464	-5.7	90	0.00
47	n-amyl Acetate	0.472	0.545	-15.5	89	0.12
48 M	t-1,3-Dichloropropene	0.591	0.549	7.1	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.617	0.570	7.6	71	0.00
50 M	1,1,2-Trichloroethane	0.345	0.346	-0.3	77	0.00
51	Ethyl methacrylate	0.583	0.580	0.5	79	0.00
52	1,3-Dichloropropane	0.601	0.606	-0.8	77	0.00
53 M	Dibromochloromethane	0.412	0.376	8.7	70	0.00
54 M	1,2-Dibromoethane	0.369	0.353	4.3	74	0.00
55 M	2-Chloroethyl vinyl ether	0.315	0.320	-1.6	75	0.00
56 M	Bromoform	0.279	0.243	12.9	68	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
58 M	4-Methyl-2-Pentanone	0.671	0.697	-3.9	78	0.00
59 M	2-Hexanone	0.443	0.451	-1.8	77	0.00
60 S	4-Bromofluorobenzene	0.495	0.488	1.4	73	0.00
61 M	Tetrachloroethene	0.304	0.247	18.8	60	0.00
62 M	Toluene	1.702	1.491	12.4	65	0.00
63 S	Toluene-d8	1.337	1.380	-3.2	77	0.00
64 M	Chlorobenzene	1.087	0.926	14.8	64	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.342	8.8	67	0.00
66 M	Ethyl Benzene	1.850	1.554	16.0	63	0.00
67 M	m/p-Xylenes	0.713	0.594	16.7	62	0.00
68 M	o-Xylene	0.710	0.579	18.5	61	0.00
69 M	Styrene	1.175	1.004	14.6	66	0.00
70	Isopropylbenzene	1.740	1.434	17.6	62	0.00
71 M	1,1,2,2-Tetrachloroethane	0.590	0.587	0.5	75	0.00
72	1,2,3-Trichloropropane	0.548	0.556	-1.5	80	0.00
73	Bromobenzene	0.425	0.352	17.2	61	0.00
74	n-propylbenzene	2.101	1.763	16.1	63	0.00
75	2-Chlorotoluene	1.285	1.097	14.6	64	0.00
76	1,3,5-Trimethylbenzene	1.478	1.232	16.6	63	0.00
77	t-1,4-Dichloro-2-butene	0.218	0.184	15.6	70	0.00
78	4-Chlorotoluene	1.305	1.123	13.9	65	0.00
79	tert-butylbenzene	1.282	1.092	14.8	63	0.00
80	1,2,4-Trimethylbenzene	1.480	1.231	16.8	62	0.00
81	sec-Butylbenzene	1.802	1.544	14.3	64	0.00
82	p-Isopropyltoluene	1.538	1.294	15.9	63	0.00
83 M	1,3-Dichlorobenzene	0.800	0.669	16.4	62	0.00
84 M	1,4-Dichlorobenzene	0.825	0.661	19.9	59	0.00
85	n-Butylbenzene	1.431	1.222	14.6	64	0.00
86 T	Hexachloroethane	0.308	0.247	19.8	61	0.00
87 M	1,2-Dichlorobenzene	0.787	0.664	15.6	63	0.00
88	1,2-Dibromo-3-Chloropropane	0.136	0.137	-0.7	73	0.00
89	1,2,4-Trichlorobenzene	0.469	0.383	18.3	61	0.00
90	Hexachlorobutadiene	0.163	0.133	18.4	62	0.00
91 M	Naphthalene	1.717	1.538	10.4	67	0.00
92	1,2,3-Trichlorobenzene	0.469	0.383	18.3	61	0.00

(#) = Out of Range

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