

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088055.D
 Acq On : 17 Oct 2025 09:29
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 18 01:18:00 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	96	0.00
2 M	Dichlorodifluoromethane	1.718	1.505	12.4	81	0.00
3 M	Chloromethane	1.948	1.658	14.9	82	0.00
4 M	Vinyl Chloride	2.031	1.773	12.7	84	0.00
5 M	Bromomethane	1.092	0.978	10.4	90	0.00
6 M	Chloroethane	1.340	1.174	12.4	85	0.00
7 M	Trichlorofluoromethane	2.762	2.501	9.4	88	0.01
8 T	Diethyl Ether	1.248	1.095	12.3	86	0.00
9	1,1,2-Trichlorotrifluoroeth	1.479	1.306	11.7	86	0.00
10 M	1,1-Dichloroethene	1.577	1.383	12.3	85	0.00
11	Methyl Iodide	1.454	1.027	29.4#	82	0.00
12	Methyl Acetate	2.564	2.320	9.5	88	0.00
13 M	Acrolein	0.397	0.365	8.1	100	0.00
14 M	Acrylonitrile	1.237	1.060	14.3	84	0.00
15 M	Acetone	0.362	0.330	8.8	87	0.00
16 M	Carbon Disulfide	4.945	4.253	14.0	84	0.01
17	Allyl chloride	2.976	2.567	13.7	84	0.00
18 M	Methylene Chloride	2.005	1.742	13.1	86	0.00
19 M	trans-1,2-Dichloroethene	1.824	1.593	12.7	84	0.00
20 T	Diisopropyl ether	6.776	6.101	10.0	87	0.00
21 M	1,1-Dichloroethane	3.528	3.153	10.6	86	0.00
22 M	cis-1,2-Dichloroethene	2.283	1.955	14.4	83	0.00
23 M	tert-Butyl Alcohol	0.496	0.385	22.4	75	-0.01
24 M	Methyl tert-Butyl Ether	6.809	5.953	12.6	85	0.00
25 M	Chloroform	3.640	3.230	11.3	87	0.00
26	Cyclohexane	2.923	2.548	12.8	83	0.00
27 s	1,2-Dichloroethane-d4	2.336	2.445	-4.7	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.430	0.386	10.2	87	0.00
30 M	2-Butanone	0.317	0.285	10.1	85	-0.01
31	2,2-Dichloropropane	0.554	0.508	8.3	87	0.00
32 M	1,1,1-Trichloroethane	0.537	0.490	8.8	86	0.00
33 M	Carbon Tetrachloride	0.450	0.398	11.6	84	0.00
34 M	Benzene	1.426	1.275	10.6	86	0.00
35	Methacrylonitrile	0.334	0.278	16.8	79	0.00
36 M	1,2-Dichloroethane	0.495	0.459	7.3	88	0.00
37 M	Trichloroethene	0.338	0.286	15.4	81	0.00
38	Methylcyclohexane	0.531	0.453	14.7	82	0.00
39 M	1,2-Dichloropropane	0.358	0.318	11.2	86	0.00
40	Dibromomethane	0.260	0.236	9.2	86	0.00
41 M	Bromodichloromethane	0.532	0.475	10.7	87	0.00
42 M	Vinyl Acetate	1.080	0.998	7.6	94	0.00
43	Ethyl Acetate	0.610	0.557	8.7	86	-0.01
44	Isopropyl Acetate	0.996	0.864	13.3	83	0.00
45 T	1,4-Dioxane	0.007	0.005	28.6#	66	0.00
46	Methyl methacrylate	0.439	0.415	5.5	102	0.00
47	n-amyl Acetate	0.472	0.481	-1.9	99	0.02
48 M	t-1,3-Dichloropropene	0.591	0.518	12.4	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.617	0.550	10.9	86	0.00
50 M	1,1,2-Trichloroethane	0.345	0.299	13.3	83	0.00
51	Ethyl methacrylate	0.583	0.500	14.2	85	0.00
52	1,3-Dichloropropane	0.601	0.543	9.7	87	0.00
53 M	Dibromochloromethane	0.412	0.364	11.7	86	0.00
54 M	1,2-Dibromoethane	0.369	0.317	14.1	83	0.00
55 M	2-Chloroethyl vinyl ether	0.315	0.280	11.1	83	0.00
56 M	Bromoform	0.279	0.226	19.0	81	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.671	0.584	13.0	83	0.00
59 M	2-Hexanone	0.443	0.397	10.4	87	0.00
60 S	4-Bromofluorobenzene	0.495	0.493	0.4	95	0.00
61 M	Tetrachloroethene	0.304	0.254	16.4	79	0.00
62 M	Toluene	1.702	1.497	12.0	84	0.00
63 S	Toluene-d8	1.337	1.360	-1.7	97	0.00
64 M	Chlorobenzene	1.087	0.945	13.1	83	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.330	12.0	82	0.00
66 M	Ethyl Benzene	1.850	1.633	11.7	85	0.00
67 M	m/p-Xylenes	0.713	0.626	12.2	84	0.00
68 M	o-Xylene	0.710	0.606	14.6	82	0.00
69 M	Styrene	1.175	1.019	13.3	86	0.00
70	Isopropylbenzene	1.740	1.512	13.1	84	0.00
71 M	1,1,2,2-Tetrachloroethane	0.590	0.515	12.7	84	0.00
72	1,2,3-Trichloropropane	0.548	0.491	10.4	91	0.00
73	Bromobenzene	0.425	0.357	16.0	80	0.00
74	n-propylbenzene	2.101	1.847	12.1	85	0.00
75	2-Chlorotoluene	1.285	1.133	11.8	85	0.00
76	1,3,5-Trimethylbenzene	1.478	1.292	12.6	84	0.00
77	t-1,4-Dichloro-2-butene	0.218	0.175	19.7	85	0.00
78	4-Chlorotoluene	1.305	1.165	10.7	86	0.00
79	tert-butylbenzene	1.282	1.136	11.4	84	0.00
80	1,2,4-Trimethylbenzene	1.480	1.293	12.6	84	0.00
81	sec-Butylbenzene	1.802	1.596	11.4	85	0.00
82	p-Isopropyltoluene	1.538	1.356	11.8	84	0.00
83 M	1,3-Dichlorobenzene	0.800	0.685	14.4	81	0.00
84 M	1,4-Dichlorobenzene	0.825	0.695	15.8	80	0.00
85	n-Butylbenzene	1.431	1.268	11.4	85	0.00
86 T	Hexachloroethane	0.308	0.271	12.0	86	0.00
87 M	1,2-Dichlorobenzene	0.787	0.676	14.1	82	0.00
88	1,2-Dibromo-3-Chloropropane	0.136	0.117	14.0	80	0.00
89	1,2,4-Trichlorobenzene	0.469	0.373	20.5	76	0.00
90	Hexachlorobutadiene	0.163	0.130	20.2	78	0.00
91 M	Naphthalene	1.717	1.388	19.2	78	0.00
92	1,2,3-Trichlorobenzene	0.469	0.373	20.5	76	0.00

(#) = Out of Range

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