

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072225\
 Data File : VN087389.D
 Acq On : 22 Jul 2025 14:03
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 23 05:54:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 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	76	-0.02
2 M	Dichlorodifluoromethane	1.806	1.236	31.6#	57	-0.01
3 M	Chloromethane	1.844	1.312	28.9#	64	0.00
4 M	Vinyl Chloride	2.005	1.484	26.0#	62	-0.01
5 M	Bromomethane	1.064	0.928	12.8	73	-0.02
6 M	Chloroethane	1.075	1.334	-24.1	104	-0.01
7 M	Trichlorofluoromethane	2.459	3.033	-23.3	99	-0.02
8 T	Diethyl Ether	1.208	1.216	-0.7	86	-0.02
9	1,1,2-Trichlorotrifluoroeth	1.823	1.695	7.0	76	-0.04
10 M	1,1-Dichloroethene	1.817	1.651	9.1	74	-0.04
11	Methyl Iodide	1.628	0.751	53.9#	44#	-0.04
12	Methyl Acetate	2.851	2.461	13.7	71	-0.03
13 M	Acrolein	0.438	0.424	3.2	89	-0.03
14 M	Acrylonitrile	1.330	0.984	26.0#	61	-0.02
15 M	Acetone	0.388	0.356	8.2	73	-0.04
16 M	Carbon Disulfide	5.313	3.432	35.4#	54	-0.03
17	Allyl chloride	2.997	2.113	29.5#	58	-0.03
18 M	Methylene Chloride	2.105	1.697	19.4	66	-0.03
19 M	trans-1,2-Dichloroethene	1.987	1.517	23.7	63	-0.03
20 T	Diisopropyl ether	6.359	5.371	15.5	67	-0.03
21 M	1,1-Dichloroethane	3.801	3.170	16.6	67	-0.03
22 M	cis-1,2-Dichloroethene	2.313	1.820	21.3	66	-0.02
23 M	tert-Butyl Alcohol	0.500	0.334	33.2#	56	-0.02
24 M	Methyl tert-Butyl Ether	6.374	5.198	18.4	69	-0.03
25 M	Chloroform	3.641	3.430	5.8	78	-0.02
26	Cyclohexane	3.159	1.884	40.4#	50	-0.03
27 s	1,2-Dichloroethane-d4	2.260	2.449	-8.4	80	-0.02
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	62	-0.02
29	1,1-Dichloropropene	0.468	0.413	11.8	64	-0.02
30 M	2-Butanone	0.315	0.317	-0.6	69	-0.02
31	2,2-Dichloropropane	0.564	0.583	-3.4	69	-0.03
32 M	1,1,1-Trichloroethane	0.546	0.627	-14.8	78	-0.02
33 M	Carbon Tetrachloride	0.460	0.554	-20.4	86	-0.03
34 M	Benzene	1.481	1.412	4.7	67	-0.02
35	Methacrylonitrile	0.318	0.335	-5.3	73	-0.02
36 M	1,2-Dichloroethane	0.479	0.586	-22.3	82	-0.02
37 M	Trichloroethene	0.342	0.336	1.8	70	-0.02
38	Methylcyclohexane	0.537	0.404	24.8	53	-0.02
39 M	1,2-Dichloropropane	0.372	0.385	-3.5	68	-0.02
40	Dibromomethane	0.253	0.307	-21.3	81	-0.02
41 M	Bromodichloromethane	0.510	0.600	-17.6	77	-0.02
42 M	Vinyl Acetate	1.026	0.954	7.0	62	-0.03
43	Ethyl Acetate	0.569	0.631	-10.9	69	-0.02
44	Isopropyl Acetate	0.928	0.953	-2.7	70	-0.02
45 T	1,4-Dioxane	0.006	0.005	16.7	57	-0.01
46	Methyl methacrylate	0.431	0.439	-1.9	68	-0.02
47	n-amyl Acetate	0.567	0.635	-12.0	77	0.00
48 M	t-1,3-Dichloropropene	0.569	0.588	-3.3	71	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.605	0.604	0.2	66	-0.02
50 M	1,1,2-Trichloroethane	0.359	0.401	-11.7	74	-0.02
51	Ethyl methacrylate	0.547	0.529	3.3	70	-0.02
52	1,3-Dichloropropane	0.617	0.650	-5.3	70	-0.02
53 M	Dibromochloromethane	0.377	0.455	-20.7	82	-0.02
54 M	1,2-Dibromoethane	0.371	0.391	-5.4	70	-0.02
55 M	2-Chloroethyl vinyl ether	0.313	0.333	-6.4	71	-0.02
56 M	Bromoform	0.259	0.298	-15.1	79	-0.02
57 I	Chlorobenzene-d5	1.000	1.000	0.0	62	-0.02
58 M	4-Methyl-2-Pentanone	0.603	0.686	-13.8	78	-0.02
59 M	2-Hexanone	0.389	0.450	-15.7	87	-0.02
60 S	4-Bromofluorobenzene	0.463	0.465	-0.4	65	-0.02
61 M	Tetrachloroethene	0.297	0.306	-3.0	71	-0.02
62 M	Toluene	1.694	1.610	5.0	65	-0.02
63 S	Toluene-d8	1.347	1.397	-3.7	62	-0.02
64 M	Chlorobenzene	1.081	1.074	0.6	68	-0.02
65	1,1,1,2-Tetrachloroethane	0.357	0.428	-19.9	82	-0.02
66 M	Ethyl Benzene	1.855	1.671	9.9	63	-0.02
67 M	m/p-Xylenes	0.711	0.676	4.9	66	-0.02
68 M	o-Xylene	0.678	0.615	9.3	64	-0.02
69 M	Styrene	1.164	1.078	7.4	65	-0.02
70	Isopropylbenzene	1.689	1.590	5.9	67	-0.02
71 M	1,1,2,2-Tetrachloroethane	0.608	0.637	-4.8	70	-0.02
72	1,2,3-Trichloropropane	0.524	0.531	-1.3	71	-0.02
73	Bromobenzene	0.410	0.431	-5.1	75	-0.02
74	n-propylbenzene	2.063	2.036	1.3	70	-0.02
75	2-Chlorotoluene	1.246	1.248	-0.2	72	-0.02
76	1,3,5-Trimethylbenzene	1.375	1.404	-2.1	74	-0.02
77	t-1,4-Dichloro-2-butene	0.232	0.188	19.0	60	-0.02
78	4-Chlorotoluene	1.276	1.296	-1.6	73	-0.02
79	tert-butylbenzene	1.156	1.139	1.5	72	-0.02
80	1,2,4-Trimethylbenzene	1.380	1.429	-3.6	76	-0.02
81	sec-Butylbenzene	1.680	1.700	-1.2	72	-0.02
82	p-Isopropyltoluene	1.398	1.428	-2.1	70	-0.02
83 M	1,3-Dichlorobenzene	0.789	0.861	-9.1	75	-0.02
84 M	1,4-Dichlorobenzene	0.794	0.855	-7.7	75	-0.02
85	n-Butylbenzene	1.275	1.290	-1.2	70	-0.02
86 T	Hexachloroethane	0.265	0.305	-15.1	84	-0.02
87 M	1,2-Dichlorobenzene	0.744	0.819	-10.1	76	-0.02
88	1,2-Dibromo-3-Chloropropane	0.137	0.134	2.2	68	-0.02
89	1,2,4-Trichlorobenzene	0.421	0.452	-7.4	74	-0.02
90	Hexachlorobutadiene	0.125	0.212	-69.6#	118	-0.02
91 M	Naphthalene	1.656	1.440	13.0	62	-0.02
92	1,2,3-Trichlorobenzene	0.421	0.452	-7.4	74	-0.02

(#) = Out of Range

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