

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087714.D
 Acq On : 04 Sep 2025 10:54
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 05 02:16:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 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	75	0.00
2 M	Dichlorodifluoromethane	1.959	1.866	4.7	68	0.00
3 M	Chloromethane	2.010	1.986	1.2	69	0.00
4 M	Vinyl Chloride	2.131	2.243	-5.3	74	0.00
5 M	Bromomethane	1.154	1.401	-21.4	91	0.00
6 M	Chloroethane	1.374	1.554	-13.1	81	0.00
7 M	Trichlorofluoromethane	3.067	3.309	-7.9	78	0.00
8 T	Diethyl Ether	1.278	1.305	-2.1	74	0.00
9	1,1,2-Trichlorotrifluoroeth	1.564	1.932	-23.5	91	0.00
10 M	1,1-Dichloroethene	1.643	1.813	-10.3	79	0.00
11	Methyl Iodide	1.294	0.999	22.8	70	-0.01
12	Methyl Acetate	3.032	3.414	-12.6	83	0.00
13 M	Acrolein	0.463	0.440	5.0	72	0.00
14 M	Acrylonitrile	1.324	1.241	6.3	69	0.00
15 M	Acetone	0.378	0.415	-9.8	75	0.00
16 M	Carbon Disulfide	5.097	4.692	7.9	68	0.00
17	Allyl chloride	3.349	3.065	8.5	68	-0.01
18 M	Methylene Chloride	2.115	2.111	0.2	73	-0.01
19 M	trans-1,2-Dichloroethene	1.954	1.795	8.1	67	0.00
20 T	Diisopropyl ether	7.629	7.085	7.1	68	-0.01
21 M	1,1-Dichloroethane	3.944	3.822	3.1	69	0.00
22 M	cis-1,2-Dichloroethene	2.404	2.299	4.4	69	0.00
23 M	tert-Butyl Alcohol	0.563	0.434	22.9	57	0.00
24 M	Methyl tert-Butyl Ether	7.487	6.633	11.4	65	0.00
25 M	Chloroform	4.116	4.110	0.1	73	0.00
26	Cyclohexane	3.157	2.776	12.1	63	0.00
27 s	1,2-Dichloroethane-d4	2.767	2.576	6.9	68	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
29	1,1-Dichloropropene	0.489	0.491	-0.4	69	0.00
30 M	2-Butanone	0.361	0.349	3.3	66	0.00
31	2,2-Dichloropropane	0.631	0.665	-5.4	71	0.00
32 M	1,1,1-Trichloroethane	0.624	0.649	-4.0	72	0.00
33 M	Carbon Tetrachloride	0.518	0.535	-3.3	70	0.00
34 M	Benzene	1.545	1.589	-2.8	71	0.00
35	Methacrylonitrile	0.389	0.369	5.1	64	0.00
36 M	1,2-Dichloroethane	0.624	0.634	-1.6	68	0.00
37 M	Trichloroethene	0.340	0.353	-3.8	70	0.00
38	Methylcyclohexane	0.568	0.516	9.2	62	0.00
39 M	1,2-Dichloropropane	0.396	0.424	-7.1	73	0.00
40	Dibromomethane	0.297	0.300	-1.0	69	0.00
41 M	Bromodichloromethane	0.617	0.630	-2.1	71	0.00
42 M	Vinyl Acetate	1.188	1.221	-2.8	69	0.00
43	Ethyl Acetate	0.697	0.712	-2.2	70	0.00
44	Isopropyl Acetate	1.181	1.112	5.8	64	0.00
45 T	1,4-Dioxane	0.008	0.006	25.0	54	0.00
46	Methyl methacrylate	0.558	0.516	7.5	63	0.00
47	n-amyl Acetate	0.652	0.635	2.6	77	0.03
48 M	t-1,3-Dichloropropene	0.672	0.655	2.5	68	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.676	0.679	-0.4	70	0.00
50 M	1,1,2-Trichloroethane	0.375	0.414	-10.4	76	0.00
51	Ethyl methacrylate	0.661	0.610	7.7	64	0.00
52	1,3-Dichloropropane	0.676	0.715	-5.8	72	0.00
53 M	Dibromochloromethane	0.434	0.444	-2.3	72	0.00
54 M	1,2-Dibromoethane	0.399	0.402	-0.8	69	0.00
55 M	2-Chloroethyl vinyl ether	0.348	0.323	7.2	64	0.00
56 M	Bromoform	0.287	0.279	2.8	69	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
58 M	4-Methyl-2-Pentanone	0.772	0.767	0.6	67	0.00
59 M	2-Hexanone	0.524	0.501	4.4	67	0.00
60 S	4-Bromofluorobenzene	0.516	0.504	2.3	68	0.00
61 M	Tetrachloroethene	0.292	0.310	-6.2	74	0.00
62 M	Toluene	1.852	1.893	-2.2	70	0.00
63 S	Toluene-d8	1.380	1.399	-1.4	71	0.00
64 M	Chlorobenzene	1.138	1.183	-4.0	72	0.00
65	1,1,1,2-Tetrachloroethane	0.400	0.425	-6.2	74	0.00
66 M	Ethyl Benzene	2.064	2.036	1.4	68	0.00
67 M	m/p-Xylenes	0.758	0.763	-0.7	70	0.00
68 M	o-Xylene	0.745	0.703	5.6	65	0.00
69 M	Styrene	1.273	1.239	2.7	67	0.00
70	Isopropylbenzene	1.893	1.852	2.2	67	0.00
71 M	1,1,2,2-Tetrachloroethane	0.649	0.708	-9.1	73	0.00
72	1,2,3-Trichloropropane	0.604	0.649	-7.5	80	0.00
73	Bromobenzene	0.439	0.438	0.2	70	0.00
74	n-propylbenzene	2.365	2.424	-2.5	71	0.00
75	2-Chlorotoluene	1.455	1.418	2.5	67	0.00
76	1,3,5-Trimethylbenzene	1.621	1.616	0.3	68	0.00
77	t-1,4-Dichloro-2-butene	0.229	0.204	10.9	66	0.00
78	4-Chlorotoluene	1.474	1.482	-0.5	71	0.00
79	tert-butylbenzene	1.367	1.329	2.8	67	0.00
80	1,2,4-Trimethylbenzene	1.620	1.634	-0.9	70	0.00
81	sec-Butylbenzene	1.990	2.009	-1.0	69	0.00
82	p-Isopropyltoluene	1.652	1.631	1.3	68	0.00
83 M	1,3-Dichlorobenzene	0.836	0.893	-6.8	73	0.00
84 M	1,4-Dichlorobenzene	0.847	0.928	-9.6	75	0.00
85	n-Butylbenzene	1.616	1.623	-0.4	68	0.00
86 T	Hexachloroethane	0.323	0.332	-2.8	71	0.00
87 M	1,2-Dichlorobenzene	0.798	0.850	-6.5	73	0.00
88	1,2-Dibromo-3-Chloropropane	0.164	0.148	9.8	61	0.00
89	1,2,4-Trichlorobenzene	0.477	0.473	0.8	70	0.00
90	Hexachlorobutadiene	0.185	0.168	9.2	62	0.00
91 M	Naphthalene	1.818	1.734	4.6	66	0.00
92	1,2,3-Trichlorobenzene	0.477	0.473	0.8	70	0.00

(#) = Out of Range

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