

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080825\
 Data File : VN087494.D
 Acq On : 08 Aug 2025 10:39
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 11 01:16:33 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	90	0.00
2 M	Dichlorodifluoromethane	1.959	1.851	5.5	81	0.00
3 M	Chloromethane	2.010	1.878	6.6	78	0.00
4 M	Vinyl Chloride	2.131	1.991	6.6	78	0.00
5 M	Bromomethane	1.154	0.772	33.1#	60	0.00
6 M	Chloroethane	1.374	1.307	4.9	82	0.00
7 M	Trichlorofluoromethane	3.067	2.807	8.5	79	0.00
8 T	Diethyl Ether	1.278	1.188	7.0	81	0.00
9	1,1,2-Trichlorotrifluoroeth	1.564	1.456	6.9	83	0.00
10 M	1,1-Dichloroethene	1.643	1.589	3.3	83	0.00
11	Methyl Iodide	1.294	0.511	60.5#	43#	0.00
12	Methyl Acetate	3.032	2.865	5.5	84	0.00
13 M	Acrolein	0.463	0.509	-9.9	99	0.00
14 M	Acrylonitrile	1.324	1.220	7.9	81	0.00
15 M	Acetone	0.378	0.330	12.7	71	0.00
16 M	Carbon Disulfide	5.097	4.562	10.5	80	0.00
17	Allyl chloride	3.349	2.993	10.6	80	0.00
18 M	Methylene Chloride	2.115	1.916	9.4	80	0.00
19 M	trans-1,2-Dichloroethene	1.954	1.711	12.4	77	0.00
20 T	Diisopropyl ether	7.629	6.918	9.3	80	0.00
21 M	1,1-Dichloroethane	3.944	3.615	8.3	79	0.00
22 M	cis-1,2-Dichloroethene	2.404	2.200	8.5	79	0.00
23 M	tert-Butyl Alcohol	0.563	0.517	8.2	82	0.00
24 M	Methyl tert-Butyl Ether	7.487	6.776	9.5	80	0.00
25 M	Chloroform	4.116	3.754	8.8	80	0.00
26	Cyclohexane	3.157	2.860	9.4	78	0.00
27 s	1,2-Dichloroethane-d4	2.767	2.797	-1.1	89	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
29	1,1-Dichloropropene	0.489	0.429	12.3	77	0.00
30 M	2-Butanone	0.361	0.319	11.6	77	0.00
31	2,2-Dichloropropane	0.631	0.554	12.2	76	0.00
32 M	1,1,1-Trichloroethane	0.624	0.567	9.1	81	0.00
33 M	Carbon Tetrachloride	0.518	0.454	12.4	77	0.00
34 M	Benzene	1.545	1.399	9.4	80	0.00
35	Methacrylonitrile	0.389	0.365	6.2	81	0.00
36 M	1,2-Dichloroethane	0.624	0.564	9.6	78	0.00
37 M	Trichloroethene	0.340	0.316	7.1	81	0.00
38	Methylcyclohexane	0.568	0.479	15.7	74	0.00
39 M	1,2-Dichloropropane	0.396	0.363	8.3	80	0.00
40	Dibromomethane	0.297	0.269	9.4	79	0.00
41 M	Bromodichloromethane	0.617	0.553	10.4	80	0.00
42 M	Vinyl Acetate	1.188	1.078	9.3	78	0.00
43	Ethyl Acetate	0.697	0.613	12.1	77	0.00
44	Isopropyl Acetate	1.181	1.049	11.2	77	0.00
45 T	1,4-Dioxane	0.008	0.007	12.5	78	0.00
46	Methyl methacrylate	0.558	0.487	12.7	77	0.00
47	n-amyl Acetate	0.652	0.710	-8.9	111	0.00
48 M	t-1,3-Dichloropropene	0.672	0.576	14.3	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.676	0.596	11.8	79	0.00
50 M	1,1,2-Trichloroethane	0.375	0.338	9.9	79	0.00
51	Ethyl methacrylate	0.661	0.577	12.7	78	0.00
52	1,3-Dichloropropane	0.676	0.614	9.2	80	0.00
53 M	Dibromochloromethane	0.434	0.370	14.7	77	0.00
54 M	1,2-Dibromoethane	0.399	0.352	11.8	77	0.00
55 M	2-Chloroethyl vinyl ether	0.348	0.346	0.6	87	0.00
56 M	Bromoform	0.287	0.236	17.8	75	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	0.772	0.715	7.4	79	0.00
59 M	2-Hexanone	0.524	0.472	9.9	80	0.00
60 S	4-Bromofluorobenzene	0.516	0.509	1.4	87	0.00
61 M	Tetrachloroethene	0.292	0.287	1.7	87	0.00
62 M	Toluene	1.852	1.679	9.3	79	0.00
63 S	Toluene-d8	1.380	1.394	-1.0	90	0.00
64 M	Chlorobenzene	1.138	1.023	10.1	79	0.00
65	1,1,1,2-Tetrachloroethane	0.400	0.345	13.8	76	0.00
66 M	Ethyl Benzene	2.064	1.840	10.9	77	0.00
67 M	m/p-Xylenes	0.758	0.680	10.3	79	0.00
68 M	o-Xylene	0.745	0.657	11.8	78	0.00
69 M	Styrene	1.273	1.133	11.0	78	0.00
70	Isopropylbenzene	1.893	1.700	10.2	78	0.00
71 M	1,1,2,2-Tetrachloroethane	0.649	0.590	9.1	77	0.00
72	1,2,3-Trichloropropane	0.604	0.505	16.4	79	0.00
73	Bromobenzene	0.439	0.384	12.5	78	0.00
74	n-propylbenzene	2.365	2.146	9.3	79	0.00
75	2-Chlorotoluene	1.455	1.314	9.7	79	0.00
76	1,3,5-Trimethylbenzene	1.621	1.454	10.3	78	0.00
77	t-1,4-Dichloro-2-butene	0.229	0.160	30.1#	66	0.00
78	4-Chlorotoluene	1.474	1.325	10.1	80	0.00
79	tert-butylbenzene	1.367	1.226	10.3	78	0.00
80	1,2,4-Trimethylbenzene	1.620	1.480	8.6	80	0.00
81	sec-Butylbenzene	1.990	1.810	9.0	79	0.00
82	p-Isopropyltoluene	1.652	1.478	10.5	78	0.00
83 M	1,3-Dichlorobenzene	0.836	0.763	8.7	80	0.00
84 M	1,4-Dichlorobenzene	0.847	0.750	11.5	77	0.00
85	n-Butylbenzene	1.616	1.453	10.1	78	0.00
86 T	Hexachloroethane	0.323	0.263	18.6	72	0.00
87 M	1,2-Dichlorobenzene	0.798	0.747	6.4	81	0.00
88	1,2-Dibromo-3-Chloropropane	0.164	0.143	12.8	75	0.00
89	1,2,4-Trichlorobenzene	0.477	0.426	10.7	79	0.00
90	Hexachlorobutadiene	0.185	0.156	15.7	74	0.00
91 M	Naphthalene	1.818	1.580	13.1	76	0.00
92	1,2,3-Trichlorobenzene	0.477	0.426	10.7	79	0.00

(#) = Out of Range

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