

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065388.D
 Acq On : 6 Jan 2021 9:26
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 07 01:15:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	176#	0.00
2 M	Dichlorodifluoromethane	1.586	1.560	1.6	210#	0.02
3 M	Chloromethane	1.860	1.917	-3.1	201#	0.02
4 M	Vinyl Chloride	1.955	2.037	-4.2	201#	0.02
5 M	Bromomethane	1.411	1.464	-3.8	206#	0.00
6 M	Chloroethane	1.249	1.287	-3.0	202#	0.02
7 M	Trichlorofluoromethane	2.839	2.719	4.2	184#	0.02
8 T	Diethyl Ether	1.035	1.088	-5.1	204#	0.02
9	1,1,2-Trichlorotrifluoroeth	1.576	1.630	-3.4	192#	0.00
10 M	1,1-Dichloroethene	1.598	1.638	-2.5	196#	0.00
11	Methyl Iodide	2.370	2.328	1.8	197#	0.00
12	Methyl Acetate	1.658	1.644	0.8	195#	0.02
13 M	Acrolein	0.226	0.203	10.2	195#	0.01
14 M	Acrylonitrile	0.774	0.747	3.5	188#	0.02
15 M	Acetone	0.245	0.399	-62.9#	270#	0.02
16 M	Carbon Disulfide	4.615	4.254	7.8	180#	0.00
17	Allyl chloride	2.823	2.534	10.2	172#	0.00
18 M	Methylene Chloride	1.831	1.843	-0.7	196#	0.00
19 M	trans-1,2-Dichloroethene	1.755	1.703	3.0	188#	0.00
20 T	Diisopropyl ether	5.658	5.243	7.3	178#	0.02
21 M	1,1-Dichloroethane	3.177	3.077	3.1	187#	0.00
22 M	cis-1,2-Dichloroethene	2.018	1.985	1.6	189#	0.00
23 M	tert-Butyl Alcohol	0.329	0.266	19.1	157#	0.06
24 M	Methyl tert-Butyl Ether	5.581	4.938	11.5	170#	0.02
25 M	Chloroform	3.278	3.113	5.0	182#	0.00
26	Cyclohexane	2.806	2.615	6.8	177#	0.00
27 s	1,2-Dichloroethane-d4	2.177	2.026	6.9	161#	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	173#	0.00
29	1,1-Dichloropropene	0.443	0.423	4.5	184#	0.00
30 M	2-Butanone	0.202	0.215	-6.4	196#	0.02
31	2,2-Dichloropropane	0.543	0.474	12.7	166#	0.00
32 M	1,1,1-Trichloroethane	0.534	0.481	9.9	175#	0.00
33 M	Carbon Tetrachloride	0.470	0.417	11.3	172#	0.00
34 M	Benzene	1.306	1.296	0.8	193#	0.00
35	Methacrylonitrile	0.187	0.167	10.7	164#	0.00
36 M	1,2-Dichloroethane	0.484	0.434	10.3	173#	0.00
37 M	Trichloroethene	0.374	0.382	-2.1	197#	0.00
38	Methylcyclohexane	0.544	0.505	7.2	177#	0.00
39 M	1,2-Dichloropropane	0.341	0.336	1.5	189#	0.00
40	Dibromomethane	0.230	0.217	5.7	182#	0.00
41 M	Bromodichloromethane	0.489	0.438	10.4	174#	0.00
42 M	Vinyl Acetate	0.875	0.773	11.7	169#	0.02
43	Ethyl Acetate	0.397	0.381	4.0	183#	0.01
44	Isopropyl Acetate	0.748	0.623	16.7	161#	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	185#	0.00
46	Methyl methacrylate	0.355	0.300	15.5	164#	0.00
47	n-amyl Acetate	0.628	0.523	16.7	167#	0.00
48 M	t-1,3-Dichloropropene	0.550	0.486	11.6	174#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.581	0.532	8.4	179#	0.00
50 M	1,1,2-Trichloroethane	0.324	0.322	0.6	192#	0.00
51	Ethyl methacrylate	0.506	0.457	9.7	179#	0.00
52	1,3-Dichloropropane	0.540	0.540	0.0	195#	0.00
53 M	Dibromochloromethane	0.387	0.358	7.5	182#	0.00
54 M	1,2-Dibromoethane	0.347	0.341	1.7	194#	0.00
55 M	2-Chloroethyl vinyl ether	0.250	0.137	45.2#	124	0.00
56 M	Bromoform	0.299	0.267	10.7	178#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	181#	0.00
58 M	4-Methyl-2-Pentanone	0.458	0.401	12.4	175#	0.00
59 M	2-Hexanone	0.338	0.320	5.3	188#	0.00
60 S	4-Bromofluorobenzene	0.477	0.455	4.6	175#	0.00
61 M	Tetrachloroethene	0.450	0.492	-9.3	210#	0.00
62 M	Toluene	1.595	1.551	2.8	195#	0.00
63 S	Toluene-d8	1.331	1.311	1.5	177#	0.00
64 M	Chlorobenzene	0.984	0.973	1.1	200#	0.00
65	1,1,1,2-Tetrachloroethane	0.389	0.365	6.2	189#	0.00
66 M	Ethyl Benzene	1.780	1.696	4.7	193#	0.00
67 M	m/p-Xylenes	0.672	0.650	3.3	194#	0.00
68 M	o-Xylene	0.649	0.633	2.5	197#	0.00
69 M	Styrene	1.090	1.045	4.1	198#	0.00
70	Isopropylbenzene	1.732	1.670	3.6	195#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.469	0.440	6.2	193#	0.00
72	1,2,3-Trichloropropane	0.478	0.444	7.1	177#	0.00
73	Bromobenzene	0.452	0.450	0.4	204#	0.00
74	n-propylbenzene	1.967	1.882	4.3	197#	0.00
75	2-Chlorotoluene	1.164	1.128	3.1	199#	0.00
76	1,3,5-Trimethylbenzene	1.478	1.410	4.6	193#	0.00
77	t-1,4-Dichloro-2-butene	0.188	0.156	17.0	172#	0.00
78	4-Chlorotoluene	1.180	1.121	5.0	199#	0.00
79	tert-butylbenzene	1.260	1.204	4.4	192#	0.00
80	1,2,4-Trimethylbenzene	1.462	1.414	3.3	197#	0.00
81	sec-Butylbenzene	1.654	1.578	4.6	196#	0.00
82	p-Isopropyltoluene	1.527	1.463	4.2	197#	0.00
83 M	1,3-Dichlorobenzene	0.748	0.750	-0.3	211#	0.00
84 M	1,4-Dichlorobenzene	0.745	0.726	2.6	205#	0.00
85	n-Butylbenzene	1.308	1.208	7.6	189#	0.00
86 T	Hexachloroethane	0.277	0.233	15.9	176#	0.00
87 M	1,2-Dichlorobenzene	0.725	0.735	-1.4	210#	0.00
88	1,2-Dibromo-3-Chloropropane	0.098	0.082	16.3	175#	0.00
89	1,2,4-Trichlorobenzene	0.389	0.357	8.2	203#	0.00
90	Hexachlorobutadiene	0.258	0.266	-3.1	206#	0.00
91 M	Naphthalene	1.040	0.869	16.4	186#	0.00
92	1,2,3-Trichlorobenzene	0.365	0.349	4.4	210#	0.00

(#) = Out of Range

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