

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065831.D
 Acq On : 12 Feb 2021 10:11
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 13 01:00:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 2021
 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	123	0.00
2 M	Dichlorodifluoromethane	1.792	1.783	0.5	140	0.00
3 M	Chloromethane	2.629	2.531	3.7	135	0.00
4 M	Vinyl Chloride	2.600	2.615	-0.6	140	0.00
5 M	Bromomethane	1.551	1.627	-4.9	145	-0.01
6 M	Chloroethane	1.500	1.524	-1.6	142	0.00
7 M	Trichlorofluoromethane	2.695	2.676	0.7	138	0.00
8 T	Diethyl Ether	1.236	1.247	-0.9	141	0.00
9	1,1,2-Trichlorotrifluoroeth	1.647	1.731	-5.1	145	0.00
10 M	1,1-Dichloroethene	1.754	1.816	-3.5	144	0.00
11	Methyl Iodide	2.472	2.460	0.5	140	0.00
12	Methyl Acetate	2.125	1.904	10.4	124	0.00
13 M	Acrolein	0.285	0.334	-17.2	148	0.00
14 M	Acrylonitrile	0.944	0.884	6.4	130	0.00
15 M	Acetone	0.289	0.414	-43.3#	172#	0.00
16 M	Carbon Disulfide	5.503	5.148	6.5	132	0.00
17	Allyl chloride	3.329	3.006	9.7	128	0.00
18 M	Methylene Chloride	2.068	2.182	-5.5	147	0.00
19 M	trans-1,2-Dichloroethene	1.918	1.950	-1.7	144	0.00
20 T	Diisopropyl ether	6.717	6.330	5.8	130	0.00
21 M	1,1-Dichloroethane	3.706	3.602	2.8	136	0.00
22 M	cis-1,2-Dichloroethene	2.204	2.246	-1.9	143	0.00
23 M	tert-Butyl Alcohol	0.338	0.294	13.0	115	0.00
24 M	Methyl tert-Butyl Ether	5.863	5.804	1.0	139	0.00
25 M	Chloroform	3.362	3.335	0.8	138	0.00
26	Cyclohexane	3.467	3.225	7.0	130	0.00
27 s	1,2-Dichloroethane-d4	2.081	1.950	6.3	114	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	119	0.00
29	1,1-Dichloropropene	0.484	0.491	-1.4	140	0.00
30 M	2-Butanone	0.217	0.238	-9.7	143	0.00
31	2,2-Dichloropropane	0.507	0.496	2.2	132	0.00
32 M	1,1,1-Trichloroethane	0.480	0.477	0.6	136	0.00
33 M	Carbon Tetrachloride	0.397	0.390	1.8	134	0.00
34 M	Benzene	1.496	1.544	-3.2	141	0.00
35	Methacrylonitrile	0.228	0.196	14.0	129	0.00
36 M	1,2-Dichloroethane	0.449	0.455	-1.3	136	0.00
37 M	Trichloroethene	0.361	0.383	-6.1	145	0.00
38	Methylcyclohexane	0.574	0.554	3.5	133	0.00
39 M	1,2-Dichloropropane	0.407	0.414	-1.7	138	0.00
40	Dibromomethane	0.230	0.232	-0.9	136	0.00
41 M	Bromodichloromethane	0.467	0.447	4.3	132	0.00
42 M	Vinyl Acetate	0.950	0.879	7.5	126	0.00
43	Ethyl Acetate	0.444	0.381	14.2	116	0.00
44	Isopropyl Acetate	0.768	0.698	9.1	123	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	120	0.00
46	Methyl methacrylate	0.368	0.349	5.2	131	0.00
47	n-amyl Acetate	0.643	0.557	13.4	125	0.00
48 M	t-1,3-Dichloropropene	0.551	0.522	5.3	132	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.625	0.617	1.3	137	0.00
50 M	1,1,2-Trichloroethane	0.337	0.358	-6.2	146	0.00
51	Ethyl methacrylate	0.543	0.533	1.8	136	0.00
52	1,3-Dichloropropane	0.604	0.620	-2.6	140	0.00
53 M	Dibromochloromethane	0.342	0.338	1.2	140	0.00
54 M	1,2-Dibromoethane	0.338	0.351	-3.8	144	0.00
55 M	2-Chloroethyl vinyl ether	0.241	0.194	19.5	99	0.00
56 M	Bromoform	0.216	0.199	7.9	132	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	121	0.00
58 M	4-Methyl-2-Pentanone	0.498	0.469	5.8	126	0.00
59 M	2-Hexanone	0.357	0.365	-2.2	138	0.00
60 S	4-Bromofluorobenzene	0.488	0.482	1.2	120	0.00
61 M	Tetrachloroethene	0.395	0.422	-6.8	145	0.00
62 M	Toluene	1.754	1.845	-5.2	146	0.00
63 S	Toluene-d8	1.442	1.456	-1.0	121	0.00
64 M	Chlorobenzene	1.035	1.091	-5.4	148	0.00
65	1,1,1,2-Tetrachloroethane	0.360	0.364	-1.1	141	0.00
66 M	Ethyl Benzene	1.878	1.925	-2.5	143	0.00
67 M	m/p-Xylenes	0.699	0.741	-6.0	148	0.00
68 M	o-Xylene	0.681	0.718	-5.4	146	0.00
69 M	Styrene	1.101	1.150	-4.5	150	0.00
70	Isopropylbenzene	1.749	1.840	-5.2	146	0.00
71 M	1,1,2,2-Tetrachloroethane	0.513	0.525	-2.3	140	0.00
72	1,2,3-Trichloropropane	0.503	0.491	2.4	126	0.00
73	Bromobenzene	0.394	0.415	-5.3	150	0.00
74	n-propylbenzene	2.022	2.062	-2.0	144	0.00
75	2-Chlorotoluene	1.225	1.261	-2.9	143	0.00
76	1,3,5-Trimethylbenzene	1.464	1.512	-3.3	145	0.00
77	t-1,4-Dichloro-2-butene	0.196	0.162	17.3	121	0.00
78	4-Chlorotoluene	1.218	1.254	-3.0	147	0.00
79	tert-butylbenzene	1.209	1.212	-0.2	140	0.00
80	1,2,4-Trimethylbenzene	1.466	1.524	-4.0	146	0.00
81	sec-Butylbenzene	1.615	1.616	-0.1	139	0.00
82	p-Isopropyltoluene	1.438	1.469	-2.2	145	0.00
83 M	1,3-Dichlorobenzene	0.689	0.725	-5.2	152#	0.00
84 M	1,4-Dichlorobenzene	0.676	0.709	-4.9	154#	0.00
85	n-Butylbenzene	1.255	1.203	4.1	139	0.00
86 T	Hexachloroethane	0.250	0.230	8.0	134	0.00
87 M	1,2-Dichlorobenzene	0.689	0.714	-3.6	147	0.00
88	1,2-Dibromo-3-Chloropropane	0.099	0.086	13.1	119	0.00
89	1,2,4-Trichlorobenzene	0.359	0.325	9.5	142	0.00
90	Hexachlorobutadiene	0.163	0.155	4.9	132	0.00
91 M	Naphthalene	1.150	0.983	14.5	135	0.00
92	1,2,3-Trichlorobenzene	0.360	0.331	8.1	139	0.00

(#) = Out of Range

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