

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065413.D
 Acq On : 6 Jan 2021 20:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 07 01:18:37 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	158#	0.01
2 M	Dichlorodifluoromethane	1.586	1.382	12.9	167#	0.02
3 M	Chloromethane	1.860	1.786	4.0	168#	0.02
4 M	Vinyl Chloride	1.955	1.893	3.2	168#	0.02
5 M	Bromomethane	1.411	1.419	-0.6	180#	0.02
6 M	Chloroethane	1.249	1.246	0.2	176#	0.02
7 M	Trichlorofluoromethane	2.839	2.519	11.3	153#	0.02
8 T	Diethyl Ether	1.035	1.043	-0.8	176#	0.02
9	1,1,2-Trichlorotrifluoroeth	1.576	1.444	8.4	153#	0.01
10 M	1,1-Dichloroethene	1.598	1.513	5.3	162#	0.01
11	Methyl Iodide	2.370	2.238	5.6	170#	0.00
12	Methyl Acetate	1.658	1.605	3.2	171#	0.03
13 M	Acrolein	0.226	0.269	-19.0	231#	0.02
14 M	Acrylonitrile	0.774	0.713	7.9	161#	0.03
15 M	Acetone	0.245	0.210	14.3	128	0.02
16 M	Carbon Disulfide	4.615	3.849	16.6	146	0.00
17	Allyl chloride	2.823	2.281	19.2	139	0.00
18 M	Methylene Chloride	1.831	1.722	6.0	165#	0.02
19 M	trans-1,2-Dichloroethene	1.755	1.577	10.1	156#	0.00
20 T	Diisopropyl ether	5.658	4.932	12.8	151#	0.02
21 M	1,1-Dichloroethane	3.177	2.853	10.2	155#	0.01
22 M	cis-1,2-Dichloroethene	2.018	1.872	7.2	160#	0.00
23 M	tert-Butyl Alcohol	0.329	0.253	23.1	134	0.06
24 M	Methyl tert-Butyl Ether	5.581	4.678	16.2	145	0.03
25 M	Chloroform	3.278	2.917	11.0	153#	0.00
26	Cyclohexane	2.806	2.345	16.4	143	0.00
27 s	1,2-Dichloroethane-d4	2.177	1.992	8.5	143	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	152#	0.00
29	1,1-Dichloropropene	0.443	0.397	10.4	152#	0.00
30 M	2-Butanone	0.202	0.169	16.3	135	0.03
31	2,2-Dichloropropane	0.543	0.396	27.1	122	0.00
32 M	1,1,1-Trichloroethane	0.534	0.455	14.8	145	0.00
33 M	Carbon Tetrachloride	0.470	0.386	17.9	140	0.00
34 M	Benzene	1.306	1.240	5.1	162#	0.00
35	Methacrylonitrile	0.187	0.173	7.5	149	0.00
36 M	1,2-Dichloroethane	0.484	0.412	14.9	145	0.00
37 M	Trichloroethene	0.374	0.355	5.1	161#	0.00
38	Methylcyclohexane	0.544	0.443	18.6	137	0.00
39 M	1,2-Dichloropropane	0.341	0.319	6.5	158#	0.00
40	Dibromomethane	0.230	0.214	7.0	158#	0.00
41 M	Bromodichloromethane	0.489	0.414	15.3	145	0.00
42 M	Vinyl Acetate	0.875	0.742	15.2	142	0.02
43	Ethyl Acetate	0.397	0.365	8.1	154#	0.02
44	Isopropyl Acetate	0.748	0.611	18.3	139	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	164#	0.00
46	Methyl methacrylate	0.355	0.286	19.4	138	0.00
47	n-amyl Acetate	0.628	0.494	21.3	138	0.00
48 M	t-1,3-Dichloropropene	0.550	0.449	18.4	141	0.00

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Quant Time: Jan 07 01:18:37 2021
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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.581	0.492	15.3	146	0.00
50 M	1,1,2-Trichloroethane	0.324	0.308	4.9	161#	0.00
51	Ethyl methacrylate	0.506	0.436	13.8	151#	0.00
52	1,3-Dichloropropane	0.540	0.508	5.9	161#	0.00
53 M	Dibromochloromethane	0.387	0.326	15.8	146	0.00
54 M	1,2-Dibromoethane	0.347	0.321	7.5	161#	0.00
55 M	2-Chloroethyl vinyl ether	0.250	0.185	26.0	147	0.00
56 M	Bromoform	0.299	0.245	18.1	143	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	156#	0.00
58 M	4-Methyl-2-Pentanone	0.458	0.393	14.2	148	0.00
59 M	2-Hexanone	0.338	0.283	16.3	144	0.00
60 S	4-Bromofluorobenzene	0.477	0.450	5.7	150	0.00
61 M	Tetrachloroethene	0.450	0.438	2.7	162#	0.00
62 M	Toluene	1.595	1.481	7.1	161#	0.00
63 S	Toluene-d8	1.331	1.315	1.2	154#	0.00
64 M	Chlorobenzene	0.984	0.930	5.5	165#	0.00
65	1,1,1,2-Tetrachloroethane	0.389	0.344	11.6	154#	0.00
66 M	Ethyl Benzene	1.780	1.588	10.8	156#	0.00
67 M	m/p-Xylenes	0.672	0.609	9.4	157#	0.00
68 M	o-Xylene	0.649	0.591	8.9	160#	0.00
69 M	Styrene	1.090	0.983	9.8	161#	0.00
70	Isopropylbenzene	1.732	1.561	9.9	157#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.469	0.441	6.0	167#	0.00
72	1,2,3-Trichloropropane	0.478	0.430	10.0	149	0.00
73	Bromobenzene	0.452	0.431	4.6	169#	0.00
74	n-propylbenzene	1.967	1.737	11.7	157#	0.00
75	2-Chlorotoluene	1.164	1.052	9.6	160#	0.00
76	1,3,5-Trimethylbenzene	1.478	1.311	11.3	156#	0.00
77	t-1,4-Dichloro-2-butene	0.188	0.136	27.7	130	0.00
78	4-Chlorotoluene	1.180	1.042	11.7	160#	0.00
79	tert-butylbenzene	1.260	1.125	10.7	155#	0.00
80	1,2,4-Trimethylbenzene	1.462	1.305	10.7	157#	0.00
81	sec-Butylbenzene	1.654	1.447	12.5	156#	0.00
82	p-Isopropyltoluene	1.527	1.308	14.3	152#	0.00
83 M	1,3-Dichlorobenzene	0.748	0.690	7.8	168#	0.00
84 M	1,4-Dichlorobenzene	0.745	0.682	8.5	167#	0.00
85	n-Butylbenzene	1.308	1.047	20.0	142	0.00
86 T	Hexachloroethane	0.277	0.212	23.5	138	0.00
87 M	1,2-Dichlorobenzene	0.725	0.689	5.0	170#	0.00
88	1,2-Dibromo-3-Chloropropane	0.098	0.081	17.3	150	0.00
89	1,2,4-Trichlorobenzene	0.389	0.343	11.8	169#	0.00
90	Hexachlorobutadiene	0.258	0.234	9.3	157#	0.00
91 M	Naphthalene	1.040	0.894	14.0	166#	0.00
92	1,2,3-Trichlorobenzene	0.365	0.351	3.8	183#	0.00

(#) = Out of Range

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