

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
 Data File : VN072533.D
 Acq On : 17 May 2022 17:05
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 18 07:27:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 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	112	0.00
2 M	Dichlorodifluoromethane	2.492	2.278	8.6	96	0.00
3 M	Chloromethane	2.251	2.131	5.3	101	0.00
4 M	Vinyl Chloride	1.900	1.668	12.2	93	0.00
5 M	Bromomethane	1.545	1.380	10.7	110	-0.01
6 M	Chloroethane	1.241	1.133	8.7	99	-0.01
7 M	Trichlorofluoromethane	4.488	3.944	12.1	91	-0.01
8 T	Diethyl Ether	1.350	1.327	1.7	106	0.00
9	1,1,2-Trichlorotrifluoroeth	2.115	1.940	8.3	95	-0.01
10 M	1,1-Dichloroethene	1.907	1.776	6.9	101	0.00
11	Methyl Iodide	2.872	2.681	6.7	102	0.00
12	Methyl Acetate	3.085	2.688	12.9	91	0.00
13 M	Acrolein	0.485	0.519	-7.0	116	0.00
14 M	Acrylonitrile	1.301	1.127	13.4	95	0.00
15 M	Acetone	0.341	0.284	16.7	90	0.01
16 M	Carbon Disulfide	4.946	4.463	9.8	97	0.00
17	Allyl chloride	3.442	3.029	12.0	96	0.00
18 M	Methylene Chloride	2.257	2.268	-0.5	106	0.00
19 M	trans-1,2-Dichloroethene	2.094	1.984	5.3	102	0.00
20 T	Diisopropyl ether	7.156	6.973	2.6	105	0.00
21 M	1,1-Dichloroethane	4.279	3.945	7.8	99	0.00
22 M	cis-1,2-Dichloroethene	2.459	2.356	4.2	104	0.00
23 M	tert-Butyl Alcohol	0.571	0.307	46.2#	60	0.00
24 M	Methyl tert-Butyl Ether	7.823	7.346	6.1	101	0.00
25 M	Chloroform	4.615	4.303	6.8	99	0.00
26	Cyclohexane	3.473	3.240	6.7	100	0.00
27 s	1,2-Dichloroethane-d4	3.376	3.152	6.6	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29	1,1-Dichloropropene	0.597	0.552	7.5	99	0.00
30 M	2-Butanone	0.346	0.286	17.3	86	0.00
31	2,2-Dichloropropane	0.741	0.677	8.6	100	0.00
32 M	1,1,1-Trichloroethane	0.852	0.780	8.5	97	0.00
33 M	Carbon Tetrachloride	0.757	0.679	10.3	92	0.00
34 M	Benzene	1.698	1.659	2.3	102	0.00
35	Methacrylonitrile	0.366	0.342	6.6	102	0.00
36 M	1,2-Dichloroethane	0.791	0.731	7.6	95	0.00
37 M	Trichloroethene	0.461	0.441	4.3	101	0.00
38	Methylcyclohexane	0.691	0.659	4.6	101	0.00
39 M	1,2-Dichloropropane	0.428	0.427	0.2	102	0.00
40	Dibromomethane	0.330	0.315	4.5	99	0.00
41 M	Bromodichloromethane	0.699	0.652	6.7	100	0.00
42 M	Vinyl Acetate	1.164	1.129	3.0	101	0.00
43	Ethyl Acetate	0.675	0.610	9.6	98	0.00
44	Isopropyl Acetate	1.081	0.993	8.1	97	0.00
45 T	1,4-Dioxane	0.010	0.004#	60.0#	42	0.00
46	Methyl methacrylate	0.512	0.476	7.0	107	0.00
47	n-amyl Acetate	0.724	0.582	19.6	91	0.00
48 M	t-1,3-Dichloropropene	0.738	0.596	19.2	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.744	0.711	4.4	102	0.00
50 M	1,1,2-Trichloroethane	0.455	0.392	13.8	92	0.00
51	Ethyl methacrylate	0.710	0.580	18.3	89	0.00
52	1,3-Dichloropropane	0.787	0.666	15.4	89	0.00
53 M	Dibromochloromethane	0.550	0.453	17.6	86	0.00
54 M	1,2-Dibromoethane	0.484	0.418	13.6	94	0.00
55 M	2-Chloroethyl vinyl ether	0.180	0.198	-10.0	131	0.00
56 M	Bromoform	0.415	0.327	21.2	88	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.707	0.725	-2.5	93	0.00
59 M	2-Hexanone	0.519	0.442	14.8	78	0.00
60 S	4-Bromofluorobenzene	0.586	0.618	-5.5	100	0.00
61 M	Tetrachloroethene	0.449	0.448	0.2	89	0.00
62 M	Toluene	2.027	2.258	-11.4	102	0.00
63 S	Toluene-d8	1.638	1.875	-14.5	104	0.00
64 M	Chlorobenzene	1.264	1.205	4.7	90	0.00
65	1,1,1,2-Tetrachloroethane	0.523	0.504	3.6	87	0.00
66 M	Ethyl Benzene	2.280	2.148	5.8	87	0.00
67 M	m/p-Xylenes	0.864	0.851	1.5	91	0.00
68 M	o-Xylene	0.854	0.817	4.3	89	0.00
69 M	Styrene	1.361	1.310	3.7	91	0.00
70	Isopropylbenzene	2.267	2.376	-4.8	98	0.00
71 M	1,1,2,2-Tetrachloroethane	0.692	0.743	-7.4	96	0.00
72	1,2,3-Trichloropropane	0.649	0.575	11.4	78	0.00
73	Bromobenzene	0.546	0.562	-2.9	98	0.00
74	n-propylbenzene	2.482	2.581	-4.0	100	0.00
75	2-Chlorotoluene	1.603	1.673	-4.4	96	0.00
76	1,3,5-Trimethylbenzene	1.939	2.052	-5.8	99	0.00
77	t-1,4-Dichloro-2-butene	0.215	0.209	2.8	101	0.00
78	4-Chlorotoluene	1.503	1.639	-9.0	105	0.00
79	tert-butylbenzene	1.704	1.812	-6.3	100	0.00
80	1,2,4-Trimethylbenzene	1.868	2.071	-10.9	104	0.00
81	sec-Butylbenzene	2.259	2.464	-9.1	105	0.00
82	p-Isopropyltoluene	1.869	2.060	-10.2	106	0.00
83 M	1,3-Dichlorobenzene	0.931	1.058	-13.6	110	0.00
84 M	1,4-Dichlorobenzene	0.906	1.002	-10.6	108	0.00
85	n-Butylbenzene	1.385	1.486	-7.3	112	0.00
86 T	Hexachloroethane	0.344	0.361	-4.9	105	0.00
87 M	1,2-Dichlorobenzene	0.911	1.025	-12.5	106	0.00
88	1,2-Dibromo-3-Chloropropane	0.163	0.149	8.6	87	0.00
89	1,2,4-Trichlorobenzene	0.412	0.438	-6.3	114	0.00
90	Hexachlorobutadiene	0.255	0.278	-9.0	100	0.00
91 M	Naphthalene	1.241	1.139	8.2	105	0.00
92	1,2,3-Trichlorobenzene	0.420	0.445	-6.0	110	0.00

(#) = Out of Range

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