

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066730.D
 Acq On : 23 Apr 2021 11:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 26 03:19:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 21 16:55:39 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	110	0.00
2 M	Dichlorodifluoromethane	1.477	1.579	-6.9	126	0.00
3 M	Chloromethane	2.298	2.328	-1.3	118	0.00
4 M	Vinyl Chloride	2.190	2.225	-1.6	121	0.00
5 M	Bromomethane	1.288	1.384	-7.5	123	0.01
6 M	Chloroethane	1.337	1.394	-4.3	123	0.00
7 M	Trichlorofluoromethane	2.440	2.648	-8.5	130	0.00
8 T	Diethyl Ether	1.083	1.085	-0.2	122	0.00
9	1,1,2-Trichlorotrifluoroeth	1.547	1.679	-8.5	132	0.00
10 M	1,1-Dichloroethene	1.559	1.600	-2.6	126	0.00
11	Methyl Iodide	2.361	2.320	1.7	120	0.00
12	Methyl Acetate	2.126	1.920	9.7	105	0.00
13 M	Acrolein	0.301	0.234	22.3	91	0.00
14 M	Acrylonitrile	0.934	0.874	6.4	111	0.00
15 M	Acetone	0.245	0.367	-49.8#	172#	0.00
16 M	Carbon Disulfide	4.808	4.828	-0.4	122	0.00
17	Allyl chloride	3.091	3.082	0.3	121	0.00
18 M	Methylene Chloride	1.995	2.062	-3.4	124	0.00
19 M	trans-1,2-Dichloroethene	1.765	1.842	-4.4	126	0.00
20 T	Diisopropyl ether	6.502	6.629	-2.0	124	0.00
21 M	1,1-Dichloroethane	3.495	3.620	-3.6	127	0.00
22 M	cis-1,2-Dichloroethene	2.048	2.116	-3.3	126	0.00
23 M	tert-Butyl Alcohol	0.318	0.261	17.9	98	-0.01
24 M	Methyl tert-Butyl Ether	5.438	5.467	-0.5	125	0.00
25 M	Chloroform	3.347	3.490	-4.3	126	0.00
26	Cyclohexane	3.006	3.017	-0.4	127	0.00
27 s	1,2-Dichloroethane-d4	2.162	2.053	5.0	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29	1,1-Dichloropropene	0.472	0.485	-2.8	129	0.00
30 M	2-Butanone	0.228	0.242	-6.1	127	0.00
31	2,2-Dichloropropane	0.544	0.570	-4.8	128	0.00
32 M	1,1,1-Trichloroethane	0.533	0.550	-3.2	126	0.00
33 M	Carbon Tetrachloride	0.450	0.470	-4.4	129	0.00
34 M	Benzene	1.522	1.578	-3.7	127	0.00
35	Methacrylonitrile	0.220	0.191	13.2	103	0.00
36 M	1,2-Dichloroethane	0.500	0.495	1.0	118	0.00
37 M	Trichloroethene	0.362	0.387	-6.9	134	0.00
38	Methylcyclohexane	0.563	0.572	-1.6	133	0.00
39 M	1,2-Dichloropropane	0.416	0.430	-3.4	125	0.00
40	Dibromomethane	0.249	0.249	0.0	120	0.00
41 M	Bromodichloromethane	0.523	0.529	-1.1	122	0.00
42 M	Vinyl Acetate	1.022	0.980	4.1	117	0.00
43	Ethyl Acetate	0.501	0.432	13.8	102	0.00
44	Isopropyl Acetate	0.837	0.756	9.7	111	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	93	0.00
46	Methyl methacrylate	0.382	0.331	13.4	108	0.00
47	n-amyl Acetate	0.462	0.183	60.4#	164#	0.00
48 M	t-1,3-Dichloropropene	0.572	0.551	3.7	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.632	0.641	-1.4	128	0.00
50 M	1,1,2-Trichloroethane	0.366	0.375	-2.5	123	0.00
51	Ethyl methacrylate	0.517	0.465	10.1	117	0.00
52	1,3-Dichloropropane	0.624	0.613	1.8	120	0.00
53 M	Dibromochloromethane	0.396	0.396	0.0	121	0.00
54 M	1,2-Dibromoethane	0.367	0.363	1.1	119	0.00
55 M	2-Chloroethyl vinyl ether	0.079	0.085	-7.6	148	0.00
56 M	Bromoform	0.286	0.267	6.6	114	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	0.511	0.480	6.1	106	0.00
59 M	2-Hexanone	0.328	0.316	3.7	113	0.00
60 S	4-Bromofluorobenzene	0.470	0.464	1.3	109	0.00
61 M	Tetrachloroethene	0.331	0.389	-17.5	136	0.00
62 M	Toluene	1.703	1.811	-6.3	125	0.00
63 S	Toluene-d8	1.380	1.430	-3.6	110	0.00
64 M	Chlorobenzene	1.019	1.094	-7.4	126	0.00
65	1,1,1,2-Tetrachloroethane	0.382	0.416	-8.9	128	0.00
66 M	Ethyl Benzene	1.819	1.889	-3.8	126	0.00
67 M	m/p-Xylenes	0.683	0.714	-4.5	125	0.00
68 M	o-Xylene	0.662	0.680	-2.7	123	0.00
69 M	Styrene	1.065	1.069	-0.4	125	0.00
70	Isopropylbenzene	1.730	1.820	-5.2	127	0.00
71 M	1,1,2,2-Tetrachloroethane	0.571	0.556	2.6	107	0.00
72	1,2,3-Trichloropropane	0.497	0.477	4.0	115	0.00
73	Bromobenzene	0.438	0.455	-3.9	125	0.00
74	n-propylbenzene	2.008	2.059	-2.5	127	0.00
75	2-Chlorotoluene	1.202	1.251	-4.1	124	0.00
76	1,3,5-Trimethylbenzene	1.463	1.516	-3.6	124	0.00
77	t-1,4-Dichloro-2-butene	0.157	0.134	14.6	116	0.00
78	4-Chlorotoluene	1.179	1.207	-2.4	128	0.00
79	tert-butylbenzene	1.225	1.316	-7.4	131	0.00
80	1,2,4-Trimethylbenzene	1.403	1.461	-4.1	130	0.00
81	sec-Butylbenzene	1.630	1.724	-5.8	132	0.00
82	p-Isopropyltoluene	1.395	1.463	-4.9	135	0.00
83 M	1,3-Dichlorobenzene	0.727	0.787	-8.3	136	0.00
84 M	1,4-Dichlorobenzene	0.702	0.747	-6.4	133	0.00
85	n-Butylbenzene	1.160	1.121	3.4	135	0.00
86 T	Hexachloroethane	0.294	0.296	-0.7	122	0.00
87 M	1,2-Dichlorobenzene	0.714	0.773	-8.3	134	0.00
88	1,2-Dibromo-3-Chloropropane	0.098	0.082	16.3	112	0.00
89	1,2,4-Trichlorobenzene	0.413	0.427	-3.4	141	0.00
90	Hexachlorobutadiene	0.231	0.259	-12.1	136	0.00
91 M	Naphthalene	0.992	0.842	15.1	111	0.00
92	1,2,3-Trichlorobenzene	0.390	0.392	-0.5	131	0.00

(#) = Out of Range

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