

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042021\
 Data File : VN066688.D
 Acq On : 20 Apr 2021 18:01
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 21 10:10:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 20 12:52:17 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	105	0.00
2 M	Dichlorodifluoromethane	1.477	1.297	12.2	98	0.00
3 M	Chloromethane	2.298	2.067	10.1	99	0.00
4 M	Vinyl Chloride	2.190	1.973	9.9	102	0.00
5 M	Bromomethane	1.288	1.194	7.3	101	-0.02
6 M	Chloroethane	1.337	1.176	12.0	98	-0.01
7 M	Trichlorofluoromethane	2.440	2.233	8.5	104	0.00
8 T	Diethyl Ether	1.083	0.991	8.5	106	0.00
9	1,1,2-Trichlorotrifluoroeth	1.547	1.406	9.1	104	0.00
10 M	1,1-Dichloroethene	1.559	1.448	7.1	108	0.00
11	Methyl Iodide	2.361	2.204	6.6	108	0.00
12	Methyl Acetate	2.126	1.867	12.2	97	0.00
13 M	Acrolein	0.301	0.278	7.6	102	0.00
14 M	Acrylonitrile	0.934	0.787	15.7	95	0.00
15 M	Acetone	0.245	0.197	19.6	88	0.00
16 M	Carbon Disulfide	4.808	4.214	12.4	101	0.00
17	Allyl chloride	3.091	2.859	7.5	106	0.00
18 M	Methylene Chloride	1.995	1.898	4.9	108	0.00
19 M	trans-1,2-Dichloroethene	1.765	1.587	10.1	103	0.00
20 T	Diisopropyl ether	6.502	6.069	6.7	108	0.00
21 M	1,1-Dichloroethane	3.495	3.225	7.7	107	0.00
22 M	cis-1,2-Dichloroethene	2.048	1.907	6.9	108	0.00
23 M	tert-Butyl Alcohol	0.318	0.233	26.7	83	0.00
24 M	Methyl tert-Butyl Ether	5.438	5.008	7.9	108	0.00
25 M	Chloroform	3.347	3.087	7.8	105	0.00
26	Cyclohexane	3.006	2.702	10.1	108	0.00
27 s	1,2-Dichloroethane-d4	2.162	2.163	-0.0	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
29	1,1-Dichloropropene	0.472	0.418	11.4	107	0.00
30 M	2-Butanone	0.228	0.181	20.6	92	0.00
31	2,2-Dichloropropane	0.544	0.480	11.8	104	0.00
32 M	1,1,1-Trichloroethane	0.533	0.481	9.8	106	0.00
33 M	Carbon Tetrachloride	0.450	0.402	10.7	106	0.00
34 M	Benzene	1.522	1.381	9.3	107	0.00
35	Methacrylonitrile	0.220	0.198	10.0	103	0.00
36 M	1,2-Dichloroethane	0.500	0.443	11.4	102	0.00
37 M	Trichloroethene	0.362	0.320	11.6	107	0.00
38	Methylcyclohexane	0.563	0.486	13.7	109	0.00
39 M	1,2-Dichloropropane	0.416	0.379	8.9	106	0.00
40	Dibromomethane	0.249	0.225	9.6	105	0.00
41 M	Bromodichloromethane	0.523	0.468	10.5	104	0.00
42 M	Vinyl Acetate	1.022	0.896	12.3	104	0.00
43	Ethyl Acetate	0.501	0.406	19.0	93	0.00
44	Isopropyl Acetate	0.837	0.709	15.3	101	0.00
45 T	1,4-Dioxane	0.006	0.004#	33.3#	65	0.00
46	Methyl methacrylate	0.382	0.317	17.0	100	0.00
47	n-amyl Acetate	0.462	0.075	83.8#	65	0.00
48 M	t-1,3-Dichloropropene	0.572	0.480	16.1	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042021\
 Data File : VN066688.D
 Acq On : 20 Apr 2021 18:01
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 21 10:10:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 20 12:52:17 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)
49 T	cis-1,3-Dichloropropene	0.632	0.557	11.9	107	0.00
50 M	1,1,2-Trichloroethane	0.366	0.330	9.8	104	0.00
51	Ethyl methacrylate	0.517	0.431	16.6	105	0.00
52	1,3-Dichloropropane	0.624	0.550	11.9	104	0.00
53 M	Dibromochloromethane	0.396	0.346	12.6	102	0.00
54 M	1,2-Dibromoethane	0.367	0.318	13.4	101	0.00
55 M	2-Chloroethyl vinyl ether	0.079	0.068	13.9	114	0.00
56 M	Bromoform	0.286	0.230	19.6	95	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	0.511	0.436	14.7	94	0.00
59 M	2-Hexanone	0.328	0.257	21.6	89	0.00
60 S	4-Bromofluorobenzene	0.470	0.454	3.4	104	0.00
61 M	Tetrachloroethene	0.331	0.305	7.9	104	0.00
62 M	Toluene	1.703	1.570	7.8	105	0.00
63 S	Toluene-d8	1.380	1.407	-2.0	105	0.00
64 M	Chlorobenzene	1.019	0.929	8.8	104	0.00
65	1,1,1,2-Tetrachloroethane	0.382	0.353	7.6	106	0.00
66 M	Ethyl Benzene	1.819	1.635	10.1	106	0.00
67 M	m/p-Xylenes	0.683	0.611	10.5	104	0.00
68 M	o-Xylene	0.662	0.600	9.4	106	0.00
69 M	Styrene	1.065	0.930	12.7	106	0.00
70	Isopropylbenzene	1.730	1.569	9.3	106	0.00
71 M	1,1,2,2-Tetrachloroethane	0.571	0.516	9.6	96	0.00
72	1,2,3-Trichloropropane	0.497	0.445	10.5	104	0.00
73	Bromobenzene	0.438	0.388	11.4	104	0.00
74	n-propylbenzene	2.008	1.741	13.3	104	0.00
75	2-Chlorotoluene	1.202	1.105	8.1	106	0.00
76	1,3,5-Trimethylbenzene	1.463	1.299	11.2	103	0.00
77	t-1,4-Dichloro-2-butene	0.157	0.112	28.7	95	0.00
78	4-Chlorotoluene	1.179	1.027	12.9	106	0.00
79	tert-butylbenzene	1.225	1.082	11.7	105	0.00
80	1,2,4-Trimethylbenzene	1.403	1.234	12.0	107	0.00
81	sec-Butylbenzene	1.630	1.417	13.1	105	0.00
82	p-Isopropyltoluene	1.395	1.223	12.3	110	0.00
83 M	1,3-Dichlorobenzene	0.727	0.621	14.6	104	0.00
84 M	1,4-Dichlorobenzene	0.702	0.595	15.2	103	0.00
85	n-Butylbenzene	1.160	0.963	17.0	113	0.00
86 T	Hexachloroethane	0.294	0.253	13.9	102	0.00
87 M	1,2-Dichlorobenzene	0.714	0.639	10.5	108	0.00
88	1,2-Dibromo-3-Chloropropane	0.098	0.079	19.4	105	0.00
89	1,2,4-Trichlorobenzene	0.413	0.350	15.3	112	0.00
90	Hexachlorobutadiene	0.231	0.181	21.6	93	0.00
91 M	Naphthalene	0.992	0.796	19.8	102	0.00
92	1,2,3-Trichlorobenzene	0.390	0.324	16.9	105	0.00

(#) = Out of Range

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