

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041919\
 Data File : VN055130.D
 Acq On : 19 Apr 2019 9:52
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 19 10:46:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	109	0.00
2 M	Dichlorodifluoromethane	1.764	1.699	3.7	101	0.00
3 M	Chloromethane	2.384	2.190	8.1	100	0.00
4 M	Vinyl Chloride	2.061	1.847	10.4	97	0.00
5 M	Bromomethane	1.192	1.035	13.2	96	0.00
6 M	Chloroethane	1.154	1.029	10.8	97	0.00
7 M	Trichlorofluoromethane	2.634	2.748	-4.3	111	0.00
8 T	Diethyl Ether	0.846	1.072	-26.7	138	0.00
9	1,1,2-Trichlorotrifluoroeth	1.440	1.779	-23.5	131	0.00
10 M	1,1-Dichloroethene	1.331	1.621	-21.8	131	0.00
11	Methyl Iodide	2.014	2.284	-13.4	127	0.00
12	Methyl Acetate	1.637	2.097	-28.1	143	0.00
13 M	Acrolein	0.143	0.135	5.6	106	0.00
14 M	Acrylonitrile	0.671	0.786	-17.1	133	0.00
15 M	Acetone	0.166	0.229	-38.0#	129	0.00
16 M	Carbon Disulfide	4.465	4.302	3.7	111	0.01
17	Allyl chloride	3.278	3.343	-2.0	113	0.01
18 M	Methylene Chloride	1.968	1.915	2.7	108	0.00
19 M	trans-1,2-Dichloroethene	1.733	1.714	1.1	108	0.00
20 T	Diisopropyl ether	6.641	6.768	-1.9	113	0.00
21 M	1,1-Dichloroethane	3.547	3.556	-0.3	110	0.00
22 M	cis-1,2-Dichloroethene	2.014	1.964	2.5	108	0.00
23 M	tert-Butyl Alcohol	0.107	0.144	-34.6#	159#	-0.03
24 M	Methyl tert-Butyl Ether	4.470	4.954	-10.8	125	0.00
25 M	Chloroform	3.398	3.392	0.2	109	0.00
26	Cyclohexane	3.291	3.189	3.1	108	0.00
27 s	1,2-Dichloroethane-d4	2.287	2.258	1.3	104	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29	1,1-Dichloropropene	0.467	0.472	-1.1	108	0.00
30 M	2-Butanone	0.155	0.194	-25.2	130	0.00
31	2,2-Dichloropropane	0.430	0.463	-7.7	117	0.00
32 M	1,1,1-Trichloroethane	0.494	0.511	-3.4	112	0.00
33 M	Carbon Tetrachloride	0.428	0.426	0.5	110	0.00
34 M	Benzene	1.385	1.386	-0.1	108	0.00
35	Methacrylonitrile	0.183	0.222	-21.3	128	0.00
36 M	1,2-Dichloroethane	0.473	0.493	-4.2	111	0.00
37 M	Trichloroethene	0.353	0.353	0.0	106	0.00
38	Methylcyclohexane	0.542	0.525	3.1	104	0.00
39 M	1,2-Dichloropropane	0.382	0.401	-5.0	113	0.00
40	Dibromomethane	0.216	0.222	-2.8	109	0.00
41 M	Bromodichloromethane	0.446	0.451	-1.1	112	0.00
42 M	Vinyl Acetate	0.784	0.863	-10.1	125	0.00
43	Ethyl Acetate	0.316	0.397	-25.6	139	0.00
44	Isopropyl Acetate	0.535	0.659	-23.2	143	0.00
45 T	1,4-Dioxane	0.003	0.004#	-33.3#	125	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041919\
 Data File : VN055130.D
 Acq On : 19 Apr 2019 9:52
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 19 10:46:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.277	0.319	-15.2	136	0.00
47	n-amyl Acetate	0.394	0.453	-15.0	136	0.00
48 M	t-1,3-Dichloropropene	0.410	0.425	-3.7	126	0.00
49 T	cis-1,3-Dichloropropene	0.506	0.507	-0.2	115	0.00
50 M	1,1,2-Trichloroethane	0.293	0.316	-7.8	117	0.00
51	Ethyl methacrylate	0.350	0.383	-9.4	131	0.00
52	1,3-Dichloropropane	0.514	0.551	-7.2	116	0.00
53 M	Dibromochloromethane	0.302	0.318	-5.3	120	0.00
54 M	1,2-Dibromoethane	0.276	0.291	-5.4	121	0.00
55 M	2-Chloroethyl vinyl ether	0.146	0.155	-6.2	118	0.00
56 M	Bromoform	0.190	0.196	-3.2	125	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.346	0.447	-29.2	140	0.00
59 M	2-Hexanone	0.220	0.287	-30.5#	135	0.00
60 S	4-Bromofluorobenzene	0.467	0.451	3.4	101	0.00
61 M	Tetrachloroethene	0.390	0.392	-0.5	100	0.00
62 M	Toluene	1.653	1.691	-2.3	106	0.00
63 S	Toluene-d8	1.426	1.452	-1.8	102	0.00
64 M	Chlorobenzene	0.998	0.999	-0.1	103	0.00
65	1,1,1,2-Tetrachloroethane	0.355	0.374	-5.4	113	0.00
66 M	Ethyl Benzene	1.772	1.794	-1.2	106	0.00
67 M	m/p-Xylenes	0.659	0.672	-2.0	105	0.00
68 M	o-Xylene	0.651	0.661	-1.5	105	0.00
69 M	Styrene	1.011	0.987	2.4	103	0.00
70	Isopropylbenzene	1.740	1.770	-1.7	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.398	0.471	-18.3	123	0.00
72	1,2,3-Trichloropropane	0.329	0.348	-5.8	108	0.00
73	Bromobenzene	0.411	0.408	0.7	104	0.00
74	n-propylbenzene	1.948	1.965	-0.9	103	0.00
75	2-Chlorotoluene	1.175	1.181	-0.5	103	0.00
76	1,3,5-Trimethylbenzene	1.407	1.418	-0.8	102	0.00
77	t-1,4-Dichloro-2-butene	0.083	0.093	-12.0	140	0.00
78	4-Chlorotoluene	1.120	1.112	0.7	104	0.00
79	tert-butylbenzene	1.217	1.232	-1.2	103	0.00
80	1,2,4-Trimethylbenzene	1.382	1.378	0.3	104	0.00
81	sec-Butylbenzene	1.627	1.624	0.2	101	0.00
82	p-Isopropyltoluene	1.373	1.343	2.2	99	0.00
83 M	1,3-Dichlorobenzene	0.688	0.671	2.5	103	0.00
84 M	1,4-Dichlorobenzene	0.654	0.627	4.1	103	0.00
85	n-Butylbenzene	1.094	1.016	7.1	101	0.00
86 T	Hexachloroethane	0.220	0.217	1.4	107	0.00
87 M	1,2-Dichlorobenzene	0.674	0.672	0.3	104	0.00
88	1,2-Dibromo-3-Chloropropane	0.053	0.062	-17.0	129	0.00
89	1,2,4-Trichlorobenzene	0.301	0.253	15.9	104	0.00
90	Hexachlorobutadiene	0.220	0.234	-6.4	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041919\
Data File : VN055130.D
Acq On : 19 Apr 2019 9:52
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 19 10:46:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:55:25 2019
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)
91 M	Naphthalene	0.631	0.564	10.6	121	0.00
92	1,2,3-Trichlorobenzene	0.301	0.270	10.3	106	0.00

(#) = Out of Range

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