

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041119\
 Data File : VN054989.D
 Acq On : 11 Apr 2019 20:42
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 08:46:10 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	1.651	6.4	98	0.00
3 M	Chloromethane	2.384	2.391	-0.3	110	0.00
4 M	Vinyl Chloride	2.061	2.095	-1.6	110	0.00
5 M	Bromomethane	1.192	1.228	-3.0	114	0.00
6 M	Chloroethane	1.154	1.140	1.2	108	0.00
7 M	Trichlorofluoromethane	2.634	2.600	1.3	105	0.00
8 T	Diethyl Ether	0.846	0.865	-2.2	112	0.00
9	1,1,2-Trichlorotrifluoroeth	1.440	1.405	2.4	104	0.00
10 M	1,1-Dichloroethene	1.331	1.300	2.3	106	0.00
11	Methyl Iodide	2.014	1.972	2.1	110	0.00
12	Methyl Acetate	1.637	1.737	-6.1	119	0.00
13 M	Acrolein	0.143	0.137	4.2	108	0.00
14 M	Acrylonitrile	0.671	0.678	-1.0	115	0.00
15 M	Acetone	0.166	0.129	22.3	73	0.00
16 M	Carbon Disulfide	4.465	4.203	5.9	109	0.00
17	Allyl chloride	3.278	3.259	0.6	111	0.00
18 M	Methylene Chloride	1.968	1.923	2.3	108	0.00
19 M	trans-1,2-Dichloroethene	1.733	1.724	0.5	109	0.00
20 T	Diisopropyl ether	6.641	6.676	-0.5	112	0.00
21 M	1,1-Dichloroethane	3.547	3.586	-1.1	111	0.00
22 M	cis-1,2-Dichloroethene	2.014	1.989	1.2	110	0.00
23 M	tert-Butyl Alcohol	0.107	0.110	-2.8	122	0.00
24 M	Methyl tert-Butyl Ether	4.470	4.691	-4.9	118	0.00
25 M	Chloroform	3.398	3.422	-0.7	110	0.00
26	Cyclohexane	3.291	3.181	3.3	108	0.00
27 s	1,2-Dichloroethane-d4	2.287	2.304	-0.7	106	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29	1,1-Dichloropropene	0.467	0.461	1.3	107	0.00
30 M	2-Butanone	0.155	0.146	5.8	99	0.00
31	2,2-Dichloropropane	0.430	0.394	8.4	101	0.00
32 M	1,1,1-Trichloroethane	0.494	0.500	-1.2	112	0.00
33 M	Carbon Tetrachloride	0.428	0.417	2.6	110	0.00
34 M	Benzene	1.385	1.371	1.0	108	0.00
35	Methacrylonitrile	0.183	0.169	7.7	99	0.00
36 M	1,2-Dichloroethane	0.473	0.483	-2.1	111	0.00
37 M	Trichloroethene	0.353	0.351	0.6	107	0.00
38	Methylcyclohexane	0.542	0.502	7.4	101	0.00
39 M	1,2-Dichloropropane	0.382	0.385	-0.8	110	0.00
40	Dibromomethane	0.216	0.218	-0.9	109	0.00
41 M	Bromodichloromethane	0.446	0.440	1.3	111	0.00
42 M	Vinyl Acetate	0.784	0.788	-0.5	116	0.00
43	Ethyl Acetate	0.316	0.314	0.6	111	0.00
44	Isopropyl Acetate	0.535	0.541	-1.1	119	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	104	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041119\
 Data File : VN054989.D
 Acq On : 11 Apr 2019 20:42
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 08:46:10 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	0.265	4.3	114	0.00
47	n-amyl Acetate	0.394	0.387	1.8	118	0.00
48 M	t-1,3-Dichloropropene	0.410	0.382	6.8	115	0.00
49 T	cis-1,3-Dichloropropene	0.506	0.491	3.0	113	0.00
50 M	1,1,2-Trichloroethane	0.293	0.303	-3.4	114	0.00
51	Ethyl methacrylate	0.350	0.345	1.4	120	0.00
52	1,3-Dichloropropane	0.514	0.522	-1.6	112	0.00
53 M	Dibromochloromethane	0.302	0.293	3.0	113	0.00
54 M	1,2-Dibromoethane	0.276	0.276	0.0	117	0.00
55 M	2-Chloroethyl vinyl ether	0.146	0.137	6.2	106	0.00
56 M	Bromoform	0.190	0.175	7.9	113	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	0.346	0.364	-5.2	116	0.00
59 M	2-Hexanone	0.220	0.220	0.0	106	0.00
60 S	4-Bromofluorobenzene	0.467	0.454	2.8	104	0.00
61 M	Tetrachloroethene	0.390	0.385	1.3	101	0.00
62 M	Toluene	1.653	1.678	-1.5	107	0.00
63 S	Toluene-d8	1.426	1.472	-3.2	106	0.00
64 M	Chlorobenzene	0.998	0.998	0.0	105	0.00
65	1,1,1,2-Tetrachloroethane	0.355	0.360	-1.4	111	0.00
66 M	Ethyl Benzene	1.772	1.782	-0.6	108	0.00
67 M	m/p-Xylenes	0.659	0.662	-0.5	105	0.00
68 M	o-Xylene	0.651	0.646	0.8	105	0.00
69 M	Styrene	1.011	0.978	3.3	105	0.00
70	Isopropylbenzene	1.740	1.754	-0.8	106	0.00
71 M	1,1,2,2-Tetrachloroethane	0.398	0.415	-4.3	111	0.00
72	1,2,3-Trichloropropane	0.329	0.364	-10.6	115	0.00
73	Bromobenzene	0.411	0.411	0.0	107	0.00
74	n-propylbenzene	1.948	1.894	2.8	102	0.00
75	2-Chlorotoluene	1.175	1.166	0.8	104	0.00
76	1,3,5-Trimethylbenzene	1.407	1.376	2.2	101	0.00
77	t-1,4-Dichloro-2-butene	0.083	0.072	13.3	111	0.00
78	4-Chlorotoluene	1.120	1.079	3.7	103	0.00
79	tert-butylbenzene	1.217	1.203	1.2	103	0.00
80	1,2,4-Trimethylbenzene	1.382	1.361	1.5	105	0.00
81	sec-Butylbenzene	1.627	1.581	2.8	101	0.00
82	p-Isopropyltoluene	1.373	1.294	5.8	98	0.00
83 M	1,3-Dichlorobenzene	0.688	0.655	4.8	103	0.00
84 M	1,4-Dichlorobenzene	0.654	0.616	5.8	104	0.00
85	n-Butylbenzene	1.094	0.929	15.1	94	0.00
86 T	Hexachloroethane	0.220	0.202	8.2	101	0.00
87 M	1,2-Dichlorobenzene	0.674	0.677	-0.4	107	0.00
88	1,2-Dibromo-3-Chloropropane	0.053	0.052	1.9	110	0.00
89	1,2,4-Trichlorobenzene	0.301	0.243	19.3	102	0.00
90	Hexachlorobutadiene	0.220	0.189	14.1	86	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041119\
Data File : VN054989.D
Acq On : 11 Apr 2019 20:42
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Apr 12 08:46:10 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	0.536	15.1	117	0.00
92	1,2,3-Trichlorobenzene	0.301	0.262	13.0	105	0.00

(#) = Out of Range

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