

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057049.D
 Acq On : 1 Aug 2019 19:50
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 02 10:31:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 04:19:57 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	140	-0.01
2 M	Dichlorodifluoromethane	1.794	1.875	-4.5	147	0.00
3 M	Chloromethane	2.189	2.113	3.5	136	0.00
4 M	Vinyl Chloride	2.110	2.027	3.9	135	0.00
5 M	Bromomethane	1.296	1.341	-3.5	148	-0.01
6 M	Chloroethane	1.171	1.071	8.5	129	0.00
7 M	Trichlorofluoromethane	2.570	2.743	-6.7	153#	-0.01
8 T	Diethyl Ether	0.958	1.016	-6.1	149	0.00
9	1,1,2-Trichlorotrifluoroeth	1.614	1.621	-0.4	144	0.00
10 M	1,1-Dichloroethene	1.602	1.607	-0.3	144	0.00
11	Methyl Iodide	2.369	2.259	4.6	141	0.00
12	Methyl Acetate	1.960	1.595	18.6	123	-0.02
13 M	Acrolein	0.222	0.249	-12.2	157#	0.00
14 M	Acrylonitrile	0.756	0.720	4.8	136	-0.02
15 M	Acetone	0.195	0.189	3.1	134	0.00
16 M	Carbon Disulfide	4.319	4.161	3.7	143	0.00
17	Allyl chloride	2.680	2.506	6.5	138	0.00
18 M	Methylene Chloride	1.864	1.852	0.6	141	0.00
19 M	trans-1,2-Dichloroethene	1.695	1.718	-1.4	147	0.00
20 T	Diisopropyl ether	5.442	5.266	3.2	136	-0.02
21 M	1,1-Dichloroethane	3.162	3.144	0.6	140	-0.02
22 M	cis-1,2-Dichloroethene	1.964	1.951	0.7	140	-0.01
23 M	tert-Butyl Alcohol	0.252	0.264	-4.8	134	-0.03
24 M	Methyl tert-Butyl Ether	4.842	4.854	-0.2	146	-0.03
25 M	Chloroform	3.085	3.111	-0.8	143	0.00
26	Cyclohexane	2.905	2.836	2.4	142	0.00
27 s	1,2-Dichloroethane-d4	1.963	1.899	3.3	137	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	138	0.00
29	1,1-Dichloropropene	0.426	0.441	-3.5	148	0.00
30 M	2-Butanone	0.171	0.166	2.9	136	-0.02
31	2,2-Dichloropropane	0.395	0.409	-3.5	147	-0.02
32 M	1,1,1-Trichloroethane	0.468	0.490	-4.7	148	0.00
33 M	Carbon Tetrachloride	0.408	0.424	-3.9	150#	0.00
34 M	Benzene	1.341	1.349	-0.6	140	0.00
35	Methacrylonitrile	0.171	0.200	-17.0	151#	0.00
36 M	1,2-Dichloroethane	0.417	0.425	-1.9	142	0.00
37 M	Trichloroethene	0.360	0.373	-3.6	147	0.00
38	Methylcyclohexane	0.542	0.540	0.4	146	0.00
39 M	1,2-Dichloropropane	0.358	0.360	-0.6	142	0.00
40	Dibromomethane	0.220	0.223	-1.4	143	0.00
41 M	Bromodichloromethane	0.422	0.425	-0.7	144	0.00
42 M	Vinyl Acetate	0.762	0.736	3.4	137	-0.02
43	Ethyl Acetate	0.351	0.354	-0.9	144	-0.02
44	Isopropyl Acetate	0.584	0.560	4.1	134	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	142	-0.01

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057049.D
 Acq On : 1 Aug 2019 19:50
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 02 10:31:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 04:19:57 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	0.292	0.272	6.8	135	0.00
47	n-amyl Acetate	0.468	0.427	8.8	137	0.00
48 M	t-1,3-Dichloropropene	0.439	0.434	1.1	148	0.00
49 T	cis-1,3-Dichloropropene	0.512	0.511	0.2	145	0.00
50 M	1,1,2-Trichloroethane	0.315	0.315	0.0	136	0.00
51	Ethyl methacrylate	0.456	0.443	2.9	140	0.00
52	1,3-Dichloropropane	0.532	0.534	-0.4	140	0.00
53 M	Dibromochloromethane	0.328	0.336	-2.4	148	0.00
54 M	1,2-Dibromoethane	0.322	0.331	-2.8	146	0.00
55 M	2-Chloroethyl vinyl ether	0.198	0.158	20.2	112	0.00
56 M	Bromoform	0.227	0.231	-1.8	152#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	139	0.00
58 M	4-Methyl-2-Pentanone	0.403	0.393	2.5	132	0.00
59 M	2-Hexanone	0.274	0.271	1.1	138	0.00
60 S	4-Bromofluorobenzene	0.450	0.433	3.8	136	0.00
61 M	Tetrachloroethene	0.420	0.454	-8.1	145	0.00
62 M	Toluene	1.632	1.678	-2.8	143	0.00
63 S	Toluene-d8	1.417	1.428	-0.8	136	0.00
64 M	Chlorobenzene	0.983	1.025	-4.3	147	0.00
65	1,1,1,2-Tetrachloroethane	0.372	0.389	-4.6	145	0.00
66 M	Ethyl Benzene	1.719	1.781	-3.6	146	0.00
67 M	m/p-Xylenes	0.641	0.666	-3.9	146	0.00
68 M	o-Xylene	0.630	0.662	-5.1	148	0.00
69 M	Styrene	1.022	1.032	-1.0	144	0.00
70	Isopropylbenzene	1.660	1.751	-5.5	147	0.00
71 M	1,1,2,2-Tetrachloroethane	0.465	0.480	-3.2	140	0.00
72	1,2,3-Trichloropropane	0.409	0.420	-2.7	144	0.00
73	Bromobenzene	0.428	0.435	-1.6	145	0.00
74	n-propylbenzene	1.815	1.815	0.0	144	0.00
75	2-Chlorotoluene	1.100	1.122	-2.0	143	0.00
76	1,3,5-Trimethylbenzene	1.397	1.467	-5.0	147	0.00
77	t-1,4-Dichloro-2-butene	0.128	0.124	3.1	149	0.00
78	4-Chlorotoluene	1.046	1.025	2.0	142	0.00
79	tert-butylbenzene	1.206	1.285	-6.6	151#	0.00
80	1,2,4-Trimethylbenzene	1.362	1.402	-2.9	142	0.00
81	sec-Butylbenzene	1.574	1.625	-3.2	147	0.00
82	p-Isopropyltoluene	1.414	1.431	-1.2	144	0.00
83 M	1,3-Dichlorobenzene	0.674	0.655	2.8	143	0.00
84 M	1,4-Dichlorobenzene	0.638	0.597	6.4	142	0.00
85	n-Butylbenzene	1.110	1.025	7.7	138	0.00
86 T	Hexachloroethane	0.237	0.253	-6.8	156#	0.00
87 M	1,2-Dichlorobenzene	0.670	0.673	-0.4	143	0.00
88	1,2-Dibromo-3-Chloropropane	0.072	0.071	1.4	141	0.00
89	1,2,4-Trichlorobenzene	0.323	0.239	26.0	134	0.00
90	Hexachlorobutadiene	0.246	0.272	-10.6	156#	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
Data File : VN057049.D
Acq On : 1 Aug 2019 19:50
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Aug 02 10:31:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 24 04:19:57 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	0.839	0.612	27.1	135	0.00
92	1,2,3-Trichlorobenzene	0.354	0.287	18.9	136	-0.02

(#) = Out of Range

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