

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060619\
 Data File : VN056020.D
 Acq On : 5 Jun 2019 21:23
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN060619

Quant Time: Jun 06 04:18:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 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	97	0.00
2 M	Dichlorodifluoromethane	1.687	1.789	-6.0	97	0.00
3 M	Chloromethane	1.971	2.108	-7.0	104	0.00
4 M	Vinyl Chloride	2.010	2.103	-4.6	99	0.00
5 M	Bromomethane	1.263	1.410	-11.6	102	0.00
6 M	Chloroethane	1.137	1.199	-5.5	97	0.00
7 M	Trichlorofluoromethane	2.487	2.533	-1.8	97	0.00
8 T	Diethyl Ether	1.055	1.081	-2.5	98	0.00
9	1,1,2-Trichlorotrifluoroeth	1.535	1.557	-1.4	97	0.00
10 M	1,1-Dichloroethene	1.566	1.628	-4.0	100	0.00
11	Methyl Iodide	2.471	2.279	7.8	92	0.00
12	Methyl Acetate	1.882	1.924	-2.2	100	0.00
13 M	Acrolein	0.092	0.101	-9.8	111	0.00
14 M	Acrylonitrile	0.839	0.864	-3.0	100	0.00
15 M	Acetone	0.275	0.265	3.6	87	0.00
16 M	Carbon Disulfide	3.726	3.806	-2.1	106	0.00
17	Allyl chloride	2.426	2.453	-1.1	101	0.00
18 M	Methylene Chloride	1.813	1.860	-2.6	100	0.00
19 M	trans-1,2-Dichloroethene	1.672	1.701	-1.7	97	0.00
20 T	Diisopropyl ether	5.027	5.077	-1.0	97	0.00
21 M	1,1-Dichloroethane	2.921	2.975	-1.8	99	0.00
22 M	cis-1,2-Dichloroethene	1.951	2.021	-3.6	100	0.00
23 M	tert-Butyl Alcohol	0.327	0.320	2.1	98	0.00
24 M	Methyl tert-Butyl Ether	4.991	5.080	-1.8	98	0.00
25 M	Chloroform	2.917	3.008	-3.1	99	0.00
26	Cyclohexane	2.710	2.734	-0.9	98	0.00
27 s	1,2-Dichloroethane-d4	1.863	1.880	-0.9	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29	1,1-Dichloropropene	0.406	0.411	-1.2	99	0.00
30 M	2-Butanone	0.214	0.216	-0.9	97	0.00
31	2,2-Dichloropropane	0.378	0.358	5.3	93	0.00
32 M	1,1,1-Trichloroethane	0.448	0.452	-0.9	99	0.00
33 M	Carbon Tetrachloride	0.380	0.374	1.6	98	0.00
34 M	Benzene	1.293	1.315	-1.7	99	0.00
35	Methacrylonitrile	0.180	0.173	3.9	83	0.00
36 M	1,2-Dichloroethane	0.405	0.417	-3.0	101	0.00
37 M	Trichloroethene	0.362	0.367	-1.4	97	0.00
38	Methylcyclohexane	0.514	0.518	-0.8	101	0.00
39 M	1,2-Dichloropropane	0.331	0.338	-2.1	98	0.00
40	Dibromomethane	0.220	0.224	-1.8	99	0.00
41 M	Bromodichloromethane	0.393	0.386	1.8	99	0.00
42 M	Vinyl Acetate	0.762	0.774	-1.6	99	0.00
43	Ethyl Acetate	0.409	0.412	-0.7	98	0.00
44	Isopropyl Acetate	0.635	0.629	0.9	100	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060619\
 Data File : VN056020.D
 Acq On : 5 Jun 2019 21:23
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN060619

Quant Time: Jun 06 04:18:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 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	0.315	0.307	2.5	102	0.00
47	n-amyl Acetate	0.525	0.519	1.1	101	0.00
48 M	t-1,3-Dichloropropene	0.414	0.392	5.3	99	0.00
49 T	cis-1,3-Dichloropropene	0.484	0.474	2.1	98	0.00
50 M	1,1,2-Trichloroethane	0.326	0.328	-0.6	98	0.00
51	Ethyl methacrylate	0.493	0.491	0.4	101	0.00
52	1,3-Dichloropropane	0.529	0.534	-0.9	98	0.00
53 M	Dibromochloromethane	0.319	0.304	4.7	101	0.00
54 M	1,2-Dibromoethane	0.340	0.338	0.6	99	0.00
55 M	2-Chloroethyl vinyl ether	0.173	0.165	4.6	100	0.00
56 M	Bromoform	0.231	0.213	7.8	103	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.454	0.465	-2.4	101	0.00
59 M	2-Hexanone	0.325	0.328	-0.9	100	0.00
60 S	4-Bromofluorobenzene	0.445	0.431	3.1	98	0.00
61 M	Tetrachloroethene	0.418	0.430	-2.9	99	0.00
62 M	Toluene	1.620	1.631	-0.7	99	0.00
63 S	Toluene-d8	1.361	1.368	-0.5	97	0.00
64 M	Chlorobenzene	0.982	1.003	-2.1	101	0.00
65	1,1,1,2-Tetrachloroethane	0.354	0.354	0.0	100	0.00
66 M	Ethyl Benzene	1.725	1.743	-1.0	100	0.00
67 M	m/p-Xylenes	0.660	0.666	-0.9	100	0.00
68 M	o-Xylene	0.646	0.657	-1.7	100	0.00
69 M	Styrene	1.050	1.035	1.4	100	0.00
70	Isopropylbenzene	1.689	1.730	-2.4	101	0.00
71 M	1,1,2,2-Tetrachloroethane	0.509	0.521	-2.4	100	0.00
72	1,2,3-Trichloropropane	0.441	0.448	-1.6	101	0.00
73	Bromobenzene	0.448	0.455	-1.6	102	0.00
74	n-propylbenzene	1.782	1.793	-0.6	102	0.00
75	2-Chlorotoluene	1.105	1.136	-2.8	103	0.00
76	1,3,5-Trimethylbenzene	1.389	1.404	-1.1	100	0.00
77	t-1,4-Dichloro-2-butene	0.126	0.111	11.9	102	0.00
78	4-Chlorotoluene	1.032	1.033	-0.1	104	0.00
79	tert-butylbenzene	1.231	1.269	-3.1	103	0.00
80	1,2,4-Trimethylbenzene	1.351	1.365	-1.0	102	0.00
81	sec-Butylbenzene	1.557	1.592	-2.2	102	0.00
82	p-Isopropyltoluene	1.408	1.417	-0.6	102	0.00
83 M	1,3-Dichlorobenzene	0.699	0.686	1.9	103	0.00
84 M	1,4-Dichlorobenzene	0.665	0.630	5.3	103	0.00
85	n-Butylbenzene	1.051	0.993	5.5	105	0.00
86 T	Hexachloroethane	0.219	0.208	5.0	101	0.00
87 M	1,2-Dichlorobenzene	0.710	0.711	-0.1	104	0.00
88	1,2-Dibromo-3-Chloropropane	0.080	0.076	5.0	105	0.00
89	1,2,4-Trichlorobenzene	0.346	0.294	15.0	107	0.00
90	Hexachlorobutadiene	0.259	0.262	-1.2	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060619\
Data File : VN056020.D
Acq On : 5 Jun 2019 21:23
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN060619

Quant Time: Jun 06 04:18:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 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	0.943	0.874	7.3	116	0.00
92	1,2,3-Trichlorobenzene	0.372	0.349	6.2	110	0.00

(#) = Out of Range

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