

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056323.D
 Acq On : 14 Jun 2019 19:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 14 23:51:11 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	107	0.00
2 M	Dichlorodifluoromethane	1.687	1.837	-8.9	110	0.00
3 M	Chloromethane	1.971	2.128	-8.0	115	0.00
4 M	Vinyl Chloride	2.010	2.162	-7.6	112	0.00
5 M	Bromomethane	1.263	1.222	3.2	98	0.00
6 M	Chloroethane	1.137	1.213	-6.7	108	0.00
7 M	Trichlorofluoromethane	2.487	2.607	-4.8	109	0.00
8 T	Diethyl Ether	1.055	1.052	0.3	105	0.00
9	1,1,2-Trichlorotrifluoroeth	1.535	1.627	-6.0	111	0.00
10 M	1,1-Dichloroethene	1.566	1.587	-1.3	108	0.00
11	Methyl Iodide	2.471	2.029	17.9	90	0.00
12	Methyl Acetate	1.882	2.114	-12.3	121	0.00
13 M	Acrolein	0.092	0.101	-9.8	123	0.00
14 M	Acrylonitrile	0.839	0.919	-9.5	117	0.00
15 M	Acetone	0.275	0.283	-2.9	102	0.00
16 M	Carbon Disulfide	3.726	3.692	0.9	113	0.00
17	Allyl chloride	2.426	2.552	-5.2	115	0.00
18 M	Methylene Chloride	1.813	1.961	-8.2	116	0.00
19 M	trans-1,2-Dichloroethene	1.672	1.686	-0.8	106	0.00
20 T	Diisopropyl ether	5.027	5.496	-9.3	116	0.00
21 M	1,1-Dichloroethane	2.921	3.160	-8.2	115	0.00
22 M	cis-1,2-Dichloroethene	1.951	2.033	-4.2	110	0.00
23 M	tert-Butyl Alcohol	0.327	0.287	12.2	97	0.00
24 M	Methyl tert-Butyl Ether	4.991	5.127	-2.7	109	0.00
25 M	Chloroform	2.917	3.179	-9.0	116	0.00
26	Cyclohexane	2.710	2.773	-2.3	109	0.00
27 s	1,2-Dichloroethane-d4	1.863	2.025	-8.7	114	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29	1,1-Dichloropropene	0.406	0.424	-4.4	111	0.00
30 M	2-Butanone	0.214	0.234	-9.3	114	0.00
31	2,2-Dichloropropane	0.378	0.380	-0.5	106	0.00
32 M	1,1,1-Trichloroethane	0.448	0.481	-7.4	113	0.00
33 M	Carbon Tetrachloride	0.380	0.412	-8.4	117	0.00
34 M	Benzene	1.293	1.356	-4.9	110	0.00
35	Methacrylonitrile	0.180	0.202	-12.2	105	0.00
36 M	1,2-Dichloroethane	0.405	0.452	-11.6	118	0.00
37 M	Trichloroethene	0.362	0.361	0.3	104	0.00
38	Methylcyclohexane	0.514	0.511	0.6	107	0.00
39 M	1,2-Dichloropropane	0.331	0.365	-10.3	115	0.00
40	Dibromomethane	0.220	0.241	-9.5	115	0.00
41 M	Bromodichloromethane	0.393	0.449	-14.2	124	0.00
42 M	Vinyl Acetate	0.762	0.831	-9.1	115	0.00
43	Ethyl Acetate	0.409	0.414	-1.2	106	0.00
44	Isopropyl Acetate	0.635	0.649	-2.2	112	0.00
45 T	1,4-Dioxane	0.007	0.007#	0.0	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.315	0.341	-8.3	122	0.00
47	n-amyl Acetate	0.525	0.529	-0.8	111	0.00
48 M	t-1,3-Dichloropropene	0.414	0.416	-0.5	114	0.00
49 T	cis-1,3-Dichloropropene	0.484	0.506	-4.5	114	0.00
50 M	1,1,2-Trichloroethane	0.326	0.344	-5.5	111	0.00
51	Ethyl methacrylate	0.493	0.487	1.2	108	0.00
52	1,3-Dichloropropane	0.529	0.575	-8.7	114	0.00
53 M	Dibromochloromethane	0.319	0.343	-7.5	123	0.00
54 M	1,2-Dibromoethane	0.340	0.356	-4.7	112	0.00
55 M	2-Chloroethyl vinyl ether	0.173	0.150	13.3	98	0.00
56 M	Bromoform	0.231	0.244	-5.6	127	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	0.454	0.501	-10.4	117	0.00
59 M	2-Hexanone	0.325	0.354	-8.9	116	0.00
60 S	4-Bromofluorobenzene	0.445	0.438	1.6	107	0.00
61 M	Tetrachloroethene	0.418	0.404	3.3	100	0.00
62 M	Toluene	1.620	1.669	-3.0	109	0.00
63 S	Toluene-d8	1.361	1.407	-3.4	107	0.00
64 M	Chlorobenzene	0.982	1.022	-4.1	111	0.00
65	1,1,1,2-Tetrachloroethane	0.354	0.385	-8.8	117	0.00
66 M	Ethyl Benzene	1.725	1.761	-2.1	108	0.00
67 M	m/p-Xylenes	0.660	0.650	1.5	104	0.00
68 M	o-Xylene	0.646	0.650	-0.6	106	0.00
69 M	Styrene	1.050	1.027	2.2	107	0.00
70	Isopropylbenzene	1.689	1.705	-0.9	107	0.00
71 M	1,1,2,2-Tetrachloroethane	0.509	0.556	-9.2	114	0.00
72	1,2,3-Trichloropropane	0.441	0.453	-2.7	110	0.00
73	Bromobenzene	0.448	0.437	2.5	105	0.00
74	n-propylbenzene	1.782	1.762	1.1	108	0.00
75	2-Chlorotoluene	1.105	1.118	-1.2	109	0.00
76	1,3,5-Trimethylbenzene	1.389	1.384	0.4	106	0.00
77	t-1,4-Dichloro-2-butene	0.126	0.120	4.8	118	0.00
78	4-Chlorotoluene	1.032	0.997	3.4	108	0.00
79	tert-butylbenzene	1.231	1.251	-1.6	109	0.00
80	1,2,4-Trimethylbenzene	1.351	1.314	2.7	105	0.00
81	sec-Butylbenzene	1.557	1.559	-0.1	108	0.00
82	p-Isopropyltoluene	1.408	1.318	6.4	102	0.00
83 M	1,3-Dichlorobenzene	0.699	0.640	8.4	103	0.00
84 M	1,4-Dichlorobenzene	0.665	0.580	12.8	102	0.00
85	n-Butylbenzene	1.051	0.869	17.3	99	0.00
86 T	Hexachloroethane	0.219	0.238	-8.7	124	0.00
87 M	1,2-Dichlorobenzene	0.710	0.657	7.5	103	0.00
88	1,2-Dibromo-3-Chloropropane	0.080	0.081	-1.3	121	0.00
89	1,2,4-Trichlorobenzene	0.346	0.208	39.9#	82	0.00
90	Hexachlorobutadiene	0.259	0.240	7.3	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.943	0.595	36.9#	85	0.00
92	1,2,3-Trichlorobenzene	0.372	0.259	30.4#	88	0.00

(#) = Out of Range

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