Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060619\
Data File : VN056029.D
Acq On : 6 Jun 2019 1:33
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jun 06 04:53:08 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)
1	I	Bromochloromethane	1.000	1.000	0.0	96	0.00
2	M	Dichlorodifluoromethane	1.687	1.810	-7.3	97	0.00
3	M	Chloromethane	1.971	2.055	-4.3	100	0.00
4	M	Vinyl Chloride	2.010	2.093	-4.1	97	0.00
5	M	Bromomethane	1.263	1.369	-8.4	98	0.00
6	M	Chloroethane	1.137	1.248	-9.8	100	0.00
7	M	Trichlorofluoromethane	2.487	2.519	-1.3	95	0.00
8	T	Diethyl Ether	1.055	1.050	0.5	95	0.00
9		1,1,2-Trichlorotrifluoroeth	1.535	1.568	-2.1	97	0.00
10	M	1,1-Dichloroethene	1.566	1.566	0.0	96	0.00
11		Methyl Iodide	2.471	2.210	10.6	88	0.00
12		Methyl Acetate	1.882	1.883	-0.1	97	0.00
13	M	Acrolein	0.092	0.091	1.1	100	0.00
14	M	Acrylonitrile	0.839	0.845	-0.7	97	0.00
15	M	Acetone	0.275	0.235	14.5	76	0.00
16	M	Carbon Disulfide	3.726	3.526	5.4	97	0.00
17		Allyl chloride	2.426	2.381	1.9	97	0.00
18	M	Methylene Chloride	1.813	1.860	-2.6	99	0.00
19	M	trans-1,2-Dichloroethene	1.672	1.695	-1.4	96	0.00
20	T	Diisopropyl ether	5.027	5.134	-2.1	97	0.00
21	M	1,1-Dichloroethane	2.921	2.970	-1.7	98	0.00
22	M	cis-1,2-Dichloroethene	1.951	1.990	-2.0	97	0.00
23	M	tert-Butyl Alcohol	0.327	0.310	5.2	94	0.00
24	M	Methyl tert-Butyl Ether	4.991	5.085	-1.9	98	0.00
25	M	Chloroform	2.917	3.001	-2.9	98	0.00
26		Cyclohexane	2.710	2.718	-0.3	96	0.00
27	s	1,2-Dichloroethane-d4	1.863	1.872	-0.5	95	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29		1,1-Dichloropropene	0.406	0.415	-2.2	98	0.00
30	M	2-Butanone	0.214	0.205	4.2	90	0.00
31		2,2-Dichloropropane	0.378	0.300	20.6	76	0.00
32	M	1,1,1-Trichloroethane	0.448	0.451	-0.7	97	0.00
33	M	Carbon Tetrachloride	0.380	0.368	3.2	95	0.00
34	M	Benzene	1.293	1.324	-2.4	98	0.00
35		Methacrylonitrile	0.180	0.210	-16.7	99	0.00
36	M	1,2-Dichloroethane	0.405	0.421	-4.0	100	0.00
37	M	Trichloroethene	0.362	0.365	-0.8	95	0.00
38		Methylcyclohexane	0.514	0.502	2.3	96	0.00
39	M	1,2-Dichloropropane	0.331	0.344	-3.9	98	0.00
40		Dibromomethane	0.220	0.223	-1.4	97	0.00
41	M	Bromodichloromethane	0.393	0.386	1.8	97	0.00
42	M	Vinyl Acetate	0.762	0.766	-0.5	97	0.00
43		Ethyl Acetate	0.409	0.412	-0.7	96	0.00
44		Isopropyl Acetate	0.635	0.625	1.6	98	0.00
45	T	1,4-Dioxane	0.007	0.007#	0.0	93	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.315	0.305	3.2	99	0.00
47		n-amyl Acetate	0.525	0.510	2.9	97	0.00
48	M	t-1,3-Dichloropropene	0.414	0.373	9.9	93	0.00
49	T	cis-1,3-Dichloropropene	0.484	0.457	5.6	93	0.00
50	M	1,1,2-Trichloroethane	0.326	0.328	-0.6	96	0.00
51		Ethyl methacrylate	0.493	0.490	0.6	99	0.00
52		1,3-Dichloropropane	0.529	0.538	-1.7	97	0.00
53	M	Dibromochloromethane	0.319	0.306	4.1	100	0.00
54	M	1,2-Dibromoethane	0.340	0.339	0.3	97	0.00
55	M	2-Chloroethyl vinyl ether	0.173	0.157	9.2	93	0.00
56	M	Bromoform	0.231	0.205	11.3	97	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	0.454	0.466	-2.6	99	0.00
59	M	2-Hexanone	0.325	0.323	0.6	96	0.00
60	S	4-Bromofluorobenzene	0.445	0.433	2.7	96	0.00
61	M	Tetrachloroethene	0.418	0.446	-6.7	100	0.00
62	M	Toluene	1.620	1.651	-1.9	98	0.00
63	S	Toluene-d8	1.361	1.379	-1.3	95	0.00
64	M	Chlorobenzene	0.982	0.992	-1.0	98	0.00
65		1,1,1,2-Tetrachloroethane	0.354	0.349	1.4	96	0.00
66	M	Ethyl Benzene	1.725	1.732	-0.4	96	0.00
67	M	m/p-Xylenes	0.660	0.674	-2.1	98	0.00
68	M	o-Xylene	0.646	0.669	-3.6	99	0.00
69	M	Styrene	1.050	1.045	0.5	98	0.00
70		Isopropylbenzene	1.689	1.740	-3.0	99	0.00
71	M	1,1,2,2-Tetrachloroethane	0.509	0.517	-1.6	96	0.00
72		1,2,3-Trichloropropane	0.441	0.466	-5.7	102	0.00
73		Bromobenzene	0.448	0.452	-0.9	99	0.00
74		n-propylbenzene	1.782	1.781	0.1	99	0.00
75		2-Chlorotoluene	1.105	1.117	-1.1	99	0.00
76		1,3,5-Trimethylbenzene	1.389	1.407	-1.3	98	0.00
77		t-1,4-Dichloro-2-butene	0.126	0.100	20.6	89	0.00
78		4-Chlorotoluene	1.032	1.022	1.0	101	0.00
79		tert-butylbenzene	1.231	1.260	-2.4	99	0.00
80		1,2,4-Trimethylbenzene	1.351	1.352	-0.1	98	0.00
81		sec-Butylbenzene	1.557	1.582	-1.6	99	0.00
82		p-Isopropyltoluene	1.408	1.394	1.0	98	0.00
83	M	1,3-Dichlorobenzene	0.699	0.675	3.4	99	0.00
84	M	1,4-Dichlorobenzene	0.665	0.613	7.8	98	0.00
85		n-Butylbenzene	1.051	0.942	10.4	97	0.00
86	T	Hexachloroethane	0.219	0.199	9.1	94	0.00
87	M	1,2-Dichlorobenzene	0.710	0.688	3.1	98	0.00
88		1,2-Dibromo-3-Chloropropane	0.080	0.070	12.5	95	0.00
89		1,2,4-Trichlorobenzene	0.346	0.258	25.4	92	0.00
90		Hexachlorobutadiene	0.259	0.246	5.0	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.943	0.749	20.6	97	0.00
92	1,2,3-Trichlorobenzene	0.372	0.313	15.9	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0