Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041219\
Data File : VN054991.D
Acq On : 12 Apr 2019 10:44
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Apr 12 23:14:57 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)
1	I	Bromochloromethane	1.000	1.000	0.0	108	0.00
2	M	Dichlorodifluoromethane	1.764	1.782	-1.0	105	0.00
3	M	Chloromethane	2.384	2.428	-1.8	110	0.00
4	M	Vinyl Chloride	2.061	2.071	-0.5	108	0.00
5	M	Bromomethane	1.192	1.205	-1.1	111	0.00
6	M	Chloroethane	1.154	1.156	-0.2	108	0.00
7	M	Trichlorofluoromethane	2.634	2.708	-2.8	108	0.00
8	T	Diethyl Ether	0.846	0.887	-4.8	113	0.00
9		1,1,2-Trichlorotrifluoroeth	1.440	1.512	-5.0	110	0.00
10	M	1,1-Dichloroethene	1.331	1.321	0.8	106	0.00
11		Methyl Iodide	2.014	2.077	-3.1	115	0.00
12		Methyl Acetate	1.637	1.734	-5.9	118	0.00
13	M	Acrolein	0.143	0.129	9.8	101	0.00
14	M	Acrylonitrile	0.671	0.685	-2.1	115	0.00
15	M	Acetone	0.166	0.165	0.6	93	0.00
16	M	Carbon Disulfide	4.465	4.293	3.9	110	0.00
17		Allyl chloride	3.278	3.279	-0.0	110	0.00
18	M	Methylene Chloride	1.968	2.007	-2.0	112	0.00
19	M	trans-1,2-Dichloroethene	1.733	1.759	-1.5	111	0.00
20	T	Diisopropyl ether	6.641	6.762	-1.8	112	0.00
21	M	1,1-Dichloroethane	3.547	3.643	-2.7	112	0.00
22	M	cis-1,2-Dichloroethene	2.014	2.062	-2.4	113	0.00
23	M	tert-Butyl Alcohol	0.107	0.112	-4.7	123	0.00
24	M	Methyl tert-Butyl Ether	4.470	4.590	-2.7	115	0.00
25	M	Chloroform	3.398	3.511	-3.3	112	0.00
26		Cyclohexane	3.291	3.319	-0.9	111	0.00
27	s	1,2-Dichloroethane-d4	2.287	2.206	3.5	101	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29		1,1-Dichloropropene	0.467	0.496	-6.2	113	0.00
30	M	2-Butanone	0.155	0.163	-5.2	108	0.00
31		2,2-Dichloropropane	0.430	0.453	-5.3	113	0.00
32	M	1,1,1-Trichloroethane	0.494	0.523	-5.9	114	0.00
33	M	Carbon Tetrachloride	0.428	0.433	-1.2	111	0.00
34	M	Benzene	1.385	1.442	-4.1	111	0.00
35		Methacrylonitrile	0.183	0.195	-6.6	112	0.00
36	M	1,2-Dichloroethane	0.473	0.497	-5.1	111	0.00
37	M	Trichloroethene	0.353	0.356	-0.8	106	0.00
38		Methylcyclohexane	0.542	0.556	-2.6	109	0.00
39	M	1,2-Dichloropropane	0.382	0.408	-6.8	114	0.00
40		Dibromomethane	0.216	0.221	-2.3	107	0.00
41	M	Bromodichloromethane	0.446	0.461	-3.4	113	0.00
42	M	Vinyl Acetate	0.784	0.809	-3.2	116	0.00
43		Ethyl Acetate	0.316	0.324	-2.5	112	0.00
44		Isopropyl Acetate	0.535	0.551	-3.0	118	0.00
45	T	1,4-Dioxane	0.003	0.003#	0.0	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.277	0.295	-6.5	124	0.00
47		n-amyl Acetate	0.394	0.379	3.8	113	0.00
48	M	t-1,3-Dichloropropene	0.410	0.400	2.4	117	0.00
49	T	cis-1,3-Dichloropropene	0.506	0.505	0.2	113	0.00
50	M	1,1,2-Trichloroethane	0.293	0.308	-5.1	113	0.00
51		Ethyl methacrylate	0.350	0.341	2.6	115	0.00
52		1,3-Dichloropropane	0.514	0.537	-4.5	112	0.00
53	M	Dibromochloromethane	0.302	0.298	1.3	112	0.00
54	M	1,2-Dibromoethane	0.276	0.289	-4.7	119	0.00
55	M	2-Chloroethyl vinyl ether	0.146	0.136	6.8	102	0.00
56	M	Bromoform	0.190	0.181	4.7	115	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.346	0.365	-5.5	115	0.00
59	M	2-Hexanone	0.220	0.231	-5.0	110	0.00
60	S	4-Bromofluorobenzene	0.467	0.464	0.6	105	0.00
61	M	Tetrachloroethene	0.390	0.416	-6.7	108	0.00
62	M	Toluene	1.653	1.718	-3.9	109	0.00
63	S	Toluene-d8	1.426	1.426	0.0	101	0.00
64	M	Chlorobenzene	0.998	1.034	-3.6	108	0.00
65		1,1,1,2-Tetrachloroethane	0.355	0.367	-3.4	112	0.00
66	M	Ethyl Benzene	1.772	1.843	-4.0	110	0.00
67	M	m/p-Xylenes	0.659	0.700	-6.2	110	0.00
68	M	o-Xylene	0.651	0.697	-7.1	112	0.00
69	M	Styrene	1.011	1.032	-2.1	109	0.00
70		Isopropylbenzene	1.740	1.822	-4.7	109	0.00
71	M	1,1,2,2-Tetrachloroethane	0.398	0.431	-8.3	114	0.00
72		1,2,3-Trichloropropane	0.329	0.340	-3.3	107	0.00
73		Bromobenzene	0.411	0.414	-0.7	107	0.00
74		n-propylbenzene	1.948	2.045	-5.0	109	0.00
75		2-Chlorotoluene	1.175	1.253	-6.6	110	0.00
76		1,3,5-Trimethylbenzene	1.407	1.485	-5.5	108	0.00
77		t-1,4-Dichloro-2-butene	0.083	0.079	4.8	120	0.00
78		4-Chlorotoluene	1.120	1.162	-3.7	110	0.00
79		tert-butylbenzene	1.217	1.286	-5.7	109	0.00
80		1,2,4-Trimethylbenzene	1.382	1.450	-4.9	111	0.00
81		sec-Butylbenzene	1.627	1.717	-5.5	108	0.00
82		p-Isopropyltoluene	1.373	1.410	-2.7	106	0.00
83	M	1,3-Dichlorobenzene	0.688	0.708	-2.9	110	0.00
84	M	1,4-Dichlorobenzene	0.654	0.648	0.9	108	0.00
85		n-Butylbenzene	1.094	1.039	5.0	105	0.00
86	T	Hexachloroethane	0.220	0.220	0.0	109	0.00
87	M	1,2-Dichlorobenzene	0.674	0.699	-3.7	110	0.00
88		1,2-Dibromo-3-Chloropropane	0.053	0.051	3.8	106	0.00
89		1,2,4-Trichlorobenzene	0.301	0.261	13.3	109	0.00
90		Hexachlorobutadiene	0.220	0.232	-5.5	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.631	0.530	16.0	115	0.00
92	1,2,3-Trichlorobenzene	0.301	0.264	12.3	105	0.00

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