Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080119\
Data File : VN057023.D
Acq On : 1 Aug 2019 9:03
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 02 10:23:50 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)
1	I	Bromochloromethane	1.000	1.000	0.0	136	-0.02
2	M	Dichlorodifluoromethane	1.794	1.876	-4.6	144	0.00
3	M	Chloromethane	2.189	2.076	5.2	130	0.00
4	M	Vinyl Chloride	2.110	1.977	6.3	129	0.00
5	M	Bromomethane	1.296	1.203	7.2	130	0.00
6	M	Chloroethane	1.171	1.072	8.5	126	0.00
7	M	Trichlorofluoromethane	2.570	2.705	-5.3	147	-0.01
8	T	Diethyl Ether	0.958	0.953	0.5	137	0.00
9		1,1,2-Trichlorotrifluoroeth	1.614	1.664	-3.1	144	0.00
10	M	1,1-Dichloroethene	1.602	1.554	3.0	136	0.00
11		Methyl Iodide	2.369	2.172	8.3	132	0.00
12		Methyl Acetate	1.960	1.421	27.5	107	-0.02
13	M	Acrolein	0.222	0.243	-9.5	149	0.00
14	M	Acrylonitrile	0.756	0.667	11.8	123	-0.02
15	M	Acetone	0.195	0.279	-43.1#	194#	-0.02
16	M	Carbon Disulfide	4.319	4.180	3.2	140	0.00
17		Allyl chloride	2.680	2.372	11.5	127	-0.01
18	M	Methylene Chloride	1.864	1.789	4.0	133	-0.01
19	M	trans-1,2-Dichloroethene	1.695	1.661	2.0	139	-0.02
20	T	Diisopropyl ether	5.442	5.027	7.6	126	-0.02
21	M	1,1-Dichloroethane	3.162	2.998	5.2	131	-0.02
22	M	cis-1,2-Dichloroethene	1.964	1.896	3.5	133	-0.02
23	M	tert-Butyl Alcohol	0.252	0.230	8.7	114	-0.03
24	M	Methyl tert-Butyl Ether	4.842	4.475	7.6	131	-0.03
25	M	Chloroform	3.085	3.023	2.0	136	-0.01
26		Cyclohexane	2.905	2.778	4.4	136	-0.01
27	s	1,2-Dichloroethane-d4	1.963	1.931	1.6	135	-0.01
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	136	0.00
29		1,1-Dichloropropene	0.426	0.424	0.5	140	-0.02
30	M	2-Butanone	0.171	0.177	-3.5	142	-0.02
31		2,2-Dichloropropane	0.395	0.417	-5.6	147	-0.02
32	M	1,1,1-Trichloroethane	0.468	0.474	-1.3	141	-0.01
33	M	Carbon Tetrachloride	0.408	0.409	-0.2	142	0.00
34	M	Benzene	1.341	1.299	3.1	133	-0.01
35		Methacrylonitrile	0.171	0.225	-31.6#	168#	0.00
36	M	1,2-Dichloroethane	0.417	0.412	1.2	136	-0.01
37	M	Trichloroethene	0.360	0.363	-0.8	141	0.00
38		Methylcyclohexane	0.542	0.541	0.2	143	0.00
39	M	1,2-Dichloropropane	0.358	0.343	4.2	133	0.00
40		Dibromomethane	0.220	0.215	2.3	136	0.00
41	M	Bromodichloromethane	0.422	0.414	1.9	138	-0.01
42	M	Vinyl Acetate	0.762	0.676	11.3	123	-0.02
43		Ethyl Acetate	0.351	0.295	16.0	118	-0.03
44		Isopropyl Acetate	0.584	0.532	8.9	125	-0.01
45	T	1,4-Dioxane	0.006	0.005#	16.7	130	-0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.292	0.240	17.8	117	-0.01
47		n-amyl Acetate	0.468	0.369	21.2	116	0.00
48	M	t-1,3-Dichloropropene	0.439	0.408	7.1	136	0.00
49	T	cis-1,3-Dichloropropene	0.512	0.492	3.9	137	0.00
50	M	1,1,2-Trichloroethane	0.315	0.307	2.5	131	0.00
51		Ethyl methacrylate	0.456	0.399	12.5	124	0.00
52		1,3-Dichloropropane	0.532	0.510	4.1	131	0.00
53	M	Dibromochloromethane	0.328	0.315	4.0	136	0.00
54	M	1,2-Dibromoethane	0.322	0.308	4.3	134	0.00
55	M	2-Chloroethyl vinyl ether	0.198	0.159	19.7	111	0.00
56	M	Bromoform	0.227	0.215	5.3	139	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	137	0.00
58	M	4-Methyl-2-Pentanone	0.403	0.355	11.9	117	0.00
59	M	2-Hexanone	0.274	0.258	5.8	129	0.00
60	S	4-Bromofluorobenzene	0.450	0.427	5.1	132	0.00
61	M	Tetrachloroethene	0.420	0.451	-7.4	142	0.00
62	M	Toluene	1.632	1.605	1.7	135	0.00
63	S	Toluene-d8	1.417	1.454	-2.6	136	0.00
64	M	Chlorobenzene	0.983	0.986	-0.3	139	0.00
65		1,1,1,2-Tetrachloroethane	0.372	0.373	-0.3	137	0.00
66	M	Ethyl Benzene	1.719	1.684	2.0	136	0.00
67	M	m/p-Xylenes	0.641	0.643	-0.3	139	0.00
68	M	o-Xylene	0.630	0.617	2.1	135	0.00
69	M	Styrene	1.022	0.981	4.0	135	0.00
70		Isopropylbenzene	1.660	1.650	0.6	137	0.00
71	M	1,1,2,2-Tetrachloroethane	0.465	0.450	3.2	129	0.00
72		1,2,3-Trichloropropane	0.409	0.381	6.8	129	0.00
73		Bromobenzene	0.428	0.418	2.3	138	0.00
74		n-propylbenzene	1.815	1.749	3.6	137	0.00
75		2-Chlorotoluene	1.100	1.084	1.5	136	0.00
76		1,3,5-Trimethylbenzene	1.397	1.411	-1.0	140	0.00
77		t-1,4-Dichloro-2-butene	0.128	0.112	12.5	132	0.00
78		4-Chlorotoluene	1.046	0.982	6.1	134	0.00
79		tert-butylbenzene	1.206	1.221	-1.2	141	0.00
80		1,2,4-Trimethylbenzene	1.362	1.348	1.0	135	0.00
81		sec-Butylbenzene	1.574	1.553	1.3	139	0.00
82		p-Isopropyltoluene	1.414	1.378	2.5	137	0.00
83	M	1,3-Dichlorobenzene	0.674	0.619	8.2	133	0.00
84	M	1,4-Dichlorobenzene	0.638	0.569	10.8	133	0.00
85		n-Butylbenzene	1.110	0.970	12.6	129	0.00
86	T	Hexachloroethane	0.237	0.233	1.7	141	0.00
87	M	1,2-Dichlorobenzene	0.670	0.639	4.6	134	0.00
88		1,2-Dibromo-3-Chloropropane	0.072	0.058	19.4	112	0.00
89		1,2,4-Trichlorobenzene	0.323	0.212	34.4#	117	0.00
90		Hexachlorobutadiene	0.246	0.274	-11.4	155#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.839	0.474	43.5#	103	0.00
92	1,2,3-Trichlorobenzene	0.354	0.247	30.2#	116	-0.02

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