Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080619\
Data File : VN057103.D
Acq On : 6 Aug 2019 15:07
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Aug 07 04:22:10 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	121	-0.01
2	M	Dichlorodifluoromethane	1.794	1.859	-3.6	127	0.00
3	M	Chloromethane	2.189	2.080	5.0	116	0.00
4	M	Vinyl Chloride	2.110	1.915	9.2	111	0.00
5	M	Bromomethane	1.296	1.043	19.5	100	-0.05
6	M	Chloroethane	1.171	1.067	8.9	112	-0.04
7	M	Trichlorofluoromethane	2.570	2.672	-4.0	129	-0.03
8	T	Diethyl Ether	0.958	0.974	-1.7	124	0.00
9		1,1,2-Trichlorotrifluoroeth	1.614	1.575	2.4	122	-0.01
10	M	1,1-Dichloroethene	1.602	1.555	2.9	121	-0.01
11		Methyl Iodide	2.369	2.019	14.8	109	-0.01
12		Methyl Acetate	1.960	1.753	10.6	118	-0.02
13	M	Acrolein	0.222	0.230	-3.6	126	0.00
14	M	Acrylonitrile	0.756	0.692	8.5	114	-0.02
15	M	Acetone	0.195	0.288	-47.7#	178#	-0.01
16	M	Carbon Disulfide	4.319	3.640	15.7	109	0.00
17		Allyl chloride	2.680	2.377	11.3	114	-0.02
18	M	Methylene Chloride	1.864	1.860	0.2	123	-0.02
19	M	trans-1,2-Dichloroethene	1.695	1.611	5.0	120	-0.02
20	T	Diisopropyl ether	5.442	5.000	8.1	112	-0.02
21	M	1,1-Dichloroethane	3.162	3.009	4.8	117	-0.02
22	M	cis-1,2-Dichloroethene	1.964	1.855	5.5	116	-0.02
23	M	tert-Butyl Alcohol	0.252	0.226	10.3	100	-0.02
24	M	Methyl tert-Butyl Ether	4.842	4.697	3.0	123	-0.02
25	M	Chloroform	3.085	3.010	2.4	120	-0.01
26		Cyclohexane	2.905	2.678	7.8	117	0.00
27	s	1,2-Dichloroethane-d4	1.963	2.029	-3.4	127	-0.01
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	126	0.00
29		1,1-Dichloropropene	0.426	0.380	10.8	116	0.00
30	M	2-Butanone	0.171	0.178	-4.1	133	-0.02
31		2,2-Dichloropropane	0.395	0.414	-4.8	135	-0.02
32	M	1,1,1-Trichloroethane	0.468	0.451	3.6	124	0.00
33	M	Carbon Tetrachloride	0.408	0.390	4.4	125	0.00
34	M	Benzene	1.341	1.240	7.5	117	0.00
35		Methacrylonitrile	0.171	0.131	23.4	90	-0.02
36	M	1,2-Dichloroethane	0.417	0.399	4.3	121	0.00
37	M	Trichloroethene	0.360	0.338	6.1	122	0.00
38		Methylcyclohexane	0.542	0.493	9.0	121	0.00
39	M	1,2-Dichloropropane	0.358	0.320	10.6	115	0.00
40		Dibromomethane	0.220	0.210	4.5	123	0.00
41	M	Bromodichloromethane	0.422	0.386	8.5	119	0.00
42	M	Vinyl Acetate	0.762	0.676	11.3	114	-0.02
43		Ethyl Acetate	0.351	0.314	10.5	116	-0.02
44		Isopropyl Acetate	0.584	0.630	-7.9	137	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	124	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.292	0.251	14.0	113	0.00
47		n-amyl Acetate	0.468	0.402	14.1	117	0.00
48	M	t-1,3-Dichloropropene	0.439	0.406	7.5	125	0.00
49	T	cis-1,3-Dichloropropene	0.512	0.469	8.4	121	0.00
50	M	1,1,2-Trichloroethane	0.315	0.299	5.1	118	0.00
51		Ethyl methacrylate	0.456	0.416	8.8	119	0.00
52		1,3-Dichloropropane	0.532	0.503	5.5	120	0.00
53	M	Dibromochloromethane	0.328	0.304	7.3	122	0.00
54	M	1,2-Dibromoethane	0.322	0.305	5.3	122	0.00
55	M	2-Chloroethyl vinyl ether	0.198	0.128	35.4#	83	0.00
56	M	Bromoform	0.227	0.205	9.7	122	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	128	0.00
58	M	4-Methyl-2-Pentanone	0.403	0.365	9.4	113	0.00
59	M	2-Hexanone	0.274	0.276	-0.7	129	0.00
60	S	4-Bromofluorobenzene	0.450	0.433	3.8	126	0.00
61	M	Tetrachloroethene	0.420	0.402	4.3	118	0.00
62	M	Toluene	1.632	1.535	5.9	121	0.00
63	S	Toluene-d8	1.417	1.400	1.2	123	0.00
64	M	Chlorobenzene	0.983	0.941	4.3	125	0.00
65		1,1,1,2-Tetrachloroethane	0.372	0.355	4.6	122	0.00
66	M	Ethyl Benzene	1.719	1.617	5.9	123	0.00
67	M	m/p-Xylenes	0.641	0.611	4.7	124	0.00
68	M	o-Xylene	0.630	0.602	4.4	124	0.00
69	M	Styrene	1.022	0.942	7.8	122	0.00
70		Isopropylbenzene	1.660	1.620	2.4	126	0.00
71	M	1,1,2,2-Tetrachloroethane	0.465	0.441	5.2	119	0.00
72		1,2,3-Trichloropropane	0.409	0.400	2.2	127	0.00
73		Bromobenzene	0.428	0.411	4.0	127	0.00
74		n-propylbenzene	1.815	1.606	11.5	118	0.00
75		2-Chlorotoluene	1.100	1.023	7.0	120	0.00
76		1,3,5-Trimethylbenzene	1.397	1.344	3.8	125	0.00
77		t-1,4-Dichloro-2-butene	0.128	0.115	10.2	127	0.00
78		4-Chlorotoluene	1.046	0.903	13.7	115	0.00
79		tert-butylbenzene	1.206	1.198	0.7	130	0.00
80		1,2,4-Trimethylbenzene	1.362	1.273	6.5	120	0.00
81		sec-Butylbenzene	1.574	1.461	7.2	122	0.00
82		p-Isopropyltoluene	1.414	1.255	11.2	117	0.00
83	M	1,3-Dichlorobenzene	0.674	0.552	18.1	112	0.00
84	M	1,4-Dichlorobenzene	0.638	0.490	23.2	107	0.00
85		n-Butylbenzene	1.110	0.850	23.4	106	0.00
86	T	Hexachloroethane	0.237	0.220	7.2	125	0.00
87	M	1,2-Dichlorobenzene	0.670	0.563	16.0	111	0.00
88		1,2-Dibromo-3-Chloropropane	0.072	0.063	12.5	116	0.00
89		1,2,4-Trichlorobenzene	0.323	0.176	45.5#	92	0.00
90		Hexachlorobutadiene	0.246	0.218	11.4	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.839	0.440	47.6#	90	0.00
92	1,2,3-Trichlorobenzene	0.354	0.216	39.0#	95	-0.01

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