Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
Data File : VN057203.D
Acq On : 12 Aug 2019 9:22
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 13 01:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081019W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sun Aug 11 03:53:25 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	117	0.00
2	M	Dichlorodifluoromethane	1.636	1.698	-3.8	108	0.00
3	M	Chloromethane	1.896	1.807	4.7	103	0.00
4	M	Vinyl Chloride	1.928	1.877	2.6	107	0.00
5	M	Bromomethane	1.374	1.334	2.9	107	0.00
6	M	Chloroethane	1.250	1.233	1.4	109	0.00
7	M	Trichlorofluoromethane	2.875	2.902	-0.9	109	0.00
8	T	Diethyl Ether	1.072	1.066	0.6	111	0.00
9		1,1,2-Trichlorotrifluoroeth	1.739	1.781	-2.4	114	0.00
10	M	1,1-Dichloroethene	1.720	1.716	0.2	111	0.00
11		Methyl Iodide	2.683	2.595	3.3	109	0.00
12		Methyl Acetate	1.791	1.874	-4.6	116	0.00
13	M	Acrolein	0.198	0.174	12.1	104	0.00
14	M	Acrylonitrile	0.747	0.736	1.5	109	0.00
15	M	Acetone	0.248	0.279	-12.5	107	0.00
16	M	Carbon Disulfide	4.639	4.526	2.4	112	0.00
17		Allyl chloride	2.535	2.599	-2.5	110	0.00
18	M	Methylene Chloride	1.950	1.897	2.7	107	0.00
19	M	trans-1,2-Dichloroethene	1.844	1.840	0.2	112	0.00
20	T	Diisopropyl ether	5.170	5.334	-3.2	114	0.00
21	M	1,1-Dichloroethane	3.220	3.278	-1.8	113	0.00
22	M	cis-1,2-Dichloroethene	2.098	2.066	1.5	109	0.00
23	M	tert-Butyl Alcohol	0.247	0.246	0.4	109	0.00
24	M	Methyl tert-Butyl Ether	5.057	5.176	-2.4	115	0.00
25	M	Chloroform	3.311	3.317	-0.2	113	0.00
26		Cyclohexane	2.753	2.730	0.8	112	0.00
27	s	1,2-Dichloroethane-d4	1.956	1.897	3.0	111	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29		1,1-Dichloropropene	0.451	0.472	-4.7	112	0.00
30	M	2-Butanone	0.178	0.189	-6.2	109	0.00
31		2,2-Dichloropropane	0.482	0.503	-4.4	113	0.00
32	M	1,1,1-Trichloroethane	0.522	0.550	-5.4	114	0.00
33	M	Carbon Tetrachloride	0.465	0.489	-5.2	115	0.00
34	M	Benzene	1.377	1.415	-2.8	113	0.00
35		Methacrylonitrile	0.180	0.179	0.6	107	0.00
36	M	1,2-Dichloroethane	0.440	0.458	-4.1	112	0.00
37	M	Trichloroethene	0.391	0.410	-4.9	114	0.00
38		Methylcyclohexane	0.538	0.554	-3.0	113	0.00
39	M	1,2-Dichloropropane	0.355	0.371	-4.5	114	0.00
40		Dibromomethane	0.229	0.236	-3.1	111	0.00
41	M	Bromodichloromethane	0.454	0.469	-3.3	111	0.00
42	M	Vinyl Acetate	0.738	0.760	-3.0	113	0.00
43		Ethyl Acetate	0.328	0.342	-4.3	109	0.00
44		Isopropyl Acetate	0.595	0.654	-9.9	119	0.00
45	T	1,4-Dioxane	0.006	0.006#	0.0	109	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.271	0.271	0.0	112	0.00
47		n-amyl Acetate	0.438	0.401	8.4	111	0.00
48	M	t-1,3-Dichloropropene	0.485	0.495	-2.1	114	0.00
49	T	cis-1,3-Dichloropropene	0.549	0.562	-2.4	113	0.00
50	M	1,1,2-Trichloroethane	0.327	0.345	-5.5	115	0.00
51		Ethyl methacrylate	0.461	0.456	1.1	112	0.00
52		1,3-Dichloropropane	0.544	0.563	-3.5	112	0.00
53	M	Dibromochloromethane	0.368	0.383	-4.1	115	0.00
54	M	1,2-Dibromoethane	0.341	0.349	-2.3	113	0.00
55	M	2-Chloroethyl vinyl ether	0.130	0.130	0.0	127	0.00
56	M	Bromoform	0.272	0.269	1.1	113	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
58	M	4-Methyl-2-Pentanone	0.385	0.399	-3.6	108	0.00
59	M	2-Hexanone	0.277	0.288	-4.0	107	0.00
60	S	4-Bromofluorobenzene	0.447	0.434	2.9	110	0.00
61	M	Tetrachloroethene	0.460	0.507	-10.2	113	0.00
62	M	Toluene	1.708	1.801	-5.4	111	0.00
63	S	Toluene-d8	1.385	1.424	-2.8	112	0.00
64	M	Chlorobenzene	1.050	1.101	-4.9	112	0.00
65		1,1,1,2-Tetrachloroethane	0.403	0.444	-10.2	119	0.00
66	M	Ethyl Benzene	1.830	1.923	-5.1	112	0.00
67	M	m/p-Xylenes	0.690	0.733	-6.2	113	0.00
68	M	o-Xylene	0.670	0.717	-7.0	113	0.00
69	M	Styrene	1.075	1.112	-3.4	113	0.00
70		Isopropylbenzene	1.804	1.909	-5.8	112	0.00
71	M	1,1,2,2-Tetrachloroethane	0.494	0.506	-2.4	108	0.00
72		1,2,3-Trichloropropane	0.433	0.446	-3.0	111	0.00
73		Bromobenzene	0.468	0.484	-3.4	114	0.00
74		n-propylbenzene	1.894	1.940	-2.4	114	0.00
75		2-Chlorotoluene	1.172	1.223	-4.4	113	0.00
76		1,3,5-Trimethylbenzene	1.519	1.585	-4.3	111	0.00
77		t-1,4-Dichloro-2-butene	0.146	0.146	0.0	117	0.00
78		4-Chlorotoluene	1.088	1.113	-2.3	116	0.00
79		tert-butylbenzene	1.339	1.416	-5.8	113	0.00
80		1,2,4-Trimethylbenzene	1.433	1.462	-2.0	112	0.00
81		sec-Butylbenzene	1.688	1.697	-0.5	109	0.00
82		p-Isopropyltoluene	1.503	1.471	2.1	112	0.00
83	M	1,3-Dichlorobenzene	0.712	0.722	-1.4	118	0.00
84	M	1,4-Dichlorobenzene	0.663	0.649	2.1	118	0.00
85		n-Butylbenzene	1.087	1.041	4.2	113	0.00
86	T	Hexachloroethane	0.273	0.277	-1.5	114	0.00
87	M	1,2-Dichlorobenzene	0.706	0.706	0.0	112	0.00
88		1,2-Dibromo-3-Chloropropane	0.069	0.072	-4.3	121	0.00
89		1,2,4-Trichlorobenzene	0.283	0.225	20.5	119	0.00
90		Hexachlorobutadiene	0.305	0.313	-2.6	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.536	0.376	29.9	115	0.00
92	1,2,3-Trichlorobenzene	0.260	0.243	6.5	124	0.00

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