Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011019\
Data File : VN053331.D
Acq On : 10 Jan 2019 9:03
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jan 11 05:56:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N122818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 28 10:33:50 2018
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	101	0.00
2	M	Dichlorodifluoromethane	1.999	2.041	-2.1	101	0.00
3	M	Chloromethane	2.346	2.358	-0.5	102	0.00
4	M	Vinyl Chloride	2.309	2.200	4.7	96	0.00
5	M	Bromomethane	1.488	1.470	1.2	102	0.00
6	M	Chloroethane	1.330	1.325	0.4	101	0.00
7	M	Trichlorofluoromethane	2.851	2.848	0.1	102	0.00
8	T	Diethyl Ether	1.059	1.072	-1.2	105	0.00
9		1,1,2-Trichlorotrifluoroeth	1.791	1.836	-2.5	104	0.00
10	M	1,1-Dichloroethene	1.748	1.694	3.1	100	0.00
11		Methyl Iodide	2.560	2.620	-2.3	105	0.00
12		Methyl Acetate	1.362	1.455	-6.8	115	0.00
13	M	Acrolein	0.163	0.144	11.7	93	0.00
14	M	Acrylonitrile	0.610	0.640	-4.9	107	0.00
15	M	Acetone	0.130	0.177	-36.2#	136	0.00
16	M	Carbon Disulfide	5.377	4.992	7.2	97	0.00
17		Allyl chloride	2.750	2.573	6.4	93	0.00
18	M	Methylene Chloride	2.001	1.969	1.6	101	0.00
19	M	trans-1,2-Dichloroethene	1.847	1.788	3.2	99	0.00
20	T	Diisopropyl ether	5.889	5.875	0.2	100	0.00
21	M	1,1-Dichloroethane	3.429	3.381	1.4	101	0.00
22	M	cis-1,2-Dichloroethene	2.081	2.051	1.4	102	0.00
23	M	tert-Butyl Alcohol	0.103	0.103	0.0	107	0.00
24	M	Methyl tert-Butyl Ether	4.558	4.580	-0.5	102	0.00
25	M	Chloroform	3.296	3.293	0.1	101	0.00
26		Cyclohexane	3.198	3.164	1.1	102	0.00
27	s	1,2-Dichloroethane-d4	1.906	1.903	0.2	99	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.454	0.444	2.2	102	0.00
30	M	2-Butanone	0.113	0.130	-15.0	115	0.00
31		2,2-Dichloropropane	0.440	0.437	0.7	103	0.00
32	M	1,1,1-Trichloroethane	0.476	0.472	0.8	102	0.00
33	M	Carbon Tetrachloride	0.417	0.417	0.0	104	0.00
34	M	Benzene	1.366	1.349	1.2	101	0.00
35		Methacrylonitrile	0.146	0.132	9.6	90	0.00
36	M	1,2-Dichloroethane	0.396	0.400	-1.0	102	0.00
37	M	Trichloroethene	0.370	0.372	-0.5	104	0.00
38		Methylcyclohexane	0.532	0.562	-5.6	111	0.00
39	M	1,2-Dichloropropane	0.357	0.357	0.0	103	0.00
40		Dibromomethane	0.202	0.203	-0.5	104	0.00
41	M	Bromodichloromethane	0.433	0.426	1.6	103	0.00
42	M	Vinyl Acetate	0.619	0.630	-1.8	103	0.00
43		Ethyl Acetate	0.253	0.259	-2.4	101	0.00
44		Isopropyl Acetate	0.472	0.493	-4.4	109	0.00
45	T	1,4-Dioxane	0.003	0.003#	0.0	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.238	0.237	0.4	104	0.00
47		n-amyl Acetate	0.414	0.429	-3.6	111	0.00
48	M	t-1,3-Dichloropropene	0.442	0.436	1.4	104	0.00
49	T	cis-1,3-Dichloropropene	0.521	0.516	1.0	104	0.00
50	M	1,1,2-Trichloroethane	0.289	0.297	-2.8	105	0.00
51		Ethyl methacrylate	0.377	0.387	-2.7	109	0.00
52		1,3-Dichloropropane	0.498	0.508	-2.0	105	0.00
53	M	Dibromochloromethane	0.325	0.330	-1.5	107	0.00
54	M	1,2-Dibromoethane	0.292	0.296	-1.4	104	0.00
55	M	2-Chloroethyl vinyl ether	0.216	0.184	14.8	87	0.00
56	M	Bromoform	0.222	0.228	-2.7	109	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.286	0.306	-7.0	109	0.00
59	M	2-Hexanone	0.197	0.223	-13.2	115	0.00
60	S	4-Bromofluorobenzene	0.459	0.474	-3.3	108	0.00
61	M	Tetrachloroethene	0.443	0.459	-3.6	107	0.00
62	M	Toluene	1.645	1.625	1.2	103	0.00
63	S	Toluene-d8	1.352	1.337	1.1	101	0.00
64	M	Chlorobenzene	1.032	1.034	-0.2	106	0.00
65		1,1,1,2-Tetrachloroethane	0.362	0.359	0.8	105	0.00
66	M	Ethyl Benzene	1.784	1.785	-0.1	106	0.00
67	M	m/p-Xylenes	0.675	0.690	-2.2	107	0.00
68	M	o-Xylene	0.654	0.659	-0.8	106	0.00
69	M	Styrene	1.067	1.083	-1.5	107	0.00
70		Isopropylbenzene	1.720	1.784	-3.7	109	0.00
71	M	1,1,2,2-Tetrachloroethane	0.362	0.373	-3.0	108	0.00
72		1,2,3-Trichloropropane	0.317	0.326	-2.8	103	0.00
73		Bromobenzene	0.442	0.463	-4.8	109	0.00
74		n-propylbenzene	1.948	2.068	-6.2	112	0.00
75		2-Chlorotoluene	1.153	1.211	-5.0	109	0.00
76		1,3,5-Trimethylbenzene	1.365	1.469	-7.6	112	0.00
77		t-1,4-Dichloro-2-butene	0.111	0.112	-0.9	111	0.00
78		4-Chlorotoluene	1.174	1.236	-5.3	111	0.00
79		tert-butylbenzene	1.190	1.290	-8.4	114	0.00
80		1,2,4-Trimethylbenzene	1.368	1.482	-8.3	113	0.00
81		sec-Butylbenzene	1.576	1.782	-13.1	120	0.00
82		p-Isopropyltoluene	1.362	1.550	-13.8	120	0.00
83	M	1,3-Dichlorobenzene	0.753	0.811	-7.7	114	0.00
84	M	1,4-Dichlorobenzene	0.734	0.794	-8.2	114	0.00
85		n-Butylbenzene	1.108	1.295	-16.9	125	0.00
86	T	Hexachloroethane	0.217	0.232	-6.9	116	0.00
87	M	1,2-Dichlorobenzene	0.700	0.758	-8.3	111	0.00
88		1,2-Dibromo-3-Chloropropane	0.052	0.049#	5.8	97	0.00
89		1,2,4-Trichlorobenzene	0.340	0.296	12.9	96	0.00
90		Hexachlorobutadiene	0.206	0.254	-23.3	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.721	0.467	35.2#	73	0.00
92	1,2,3-Trichlorobenzene	0.303	0.201	33.7#	74	0.00

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