Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122118\
Data File : VN053097.D
Acq On : 21 Dec 2018 11:38
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Dec 22 01:05:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 27 00:48:33 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	97	0.00
2	M	Dichlorodifluoromethane	1.709	1.532	10.4	85	0.00
3	M	Chloromethane	2.266	2.043	9.8	87	0.00
4	M	Vinyl Chloride	2.287	2.116	7.5	90	0.00
5	M	Bromomethane	1.304	1.365	-4.7	103	0.00
6	M	Chloroethane	1.360	1.319	3.0	93	0.00
7	M	Trichlorofluoromethane	2.823	2.736	3.1	95	0.00
8	T	Diethyl Ether	1.042	1.139	-9.3	109	0.00
9		1,1,2-Trichlorotrifluoroeth	1.789	1.758	1.7	93	0.00
10	M	1,1-Dichloroethene	1.682	1.702	-1.2	99	0.00
11		Methyl Iodide	2.336	2.231	4.5	96	0.00
12		Methyl Acetate	1.429	1.703	-19.2	115	0.00
13	M	Acrolein	0.168	0.154	8.3	97	0.00
14	M	Acrylonitrile	0.609	0.707	-16.1	110	0.00
15	M	Acetone	0.158	0.151	4.4	85	0.00
16	M	Carbon Disulfide	5.326	4.717	11.4	87	0.00
17		Allyl chloride	2.934	2.850	2.9	94	0.00
18	M	Methylene Chloride	1.948	2.035	-4.5	102	0.00
19	M	trans-1,2-Dichloroethene	1.810	1.837	-1.5	100	0.00
20	T	Diisopropyl ether	6.166	6.234	-1.1	98	0.00
21	M	1,1-Dichloroethane	3.514	3.531	-0.5	98	0.00
22	M	cis-1,2-Dichloroethene	2.075	2.191	-5.6	102	0.00
23	M	tert-Butyl Alcohol	0.091	0.138	-51.6#	144	0.00
24	M	Methyl tert-Butyl Ether	4.413	5.147	-16.6	113	0.00
25	M	Chloroform	3.390	3.509	-3.5	101	0.00
26		Cyclohexane	3.314	3.041	8.2	89	0.00
27	s	1,2-Dichloroethane-d4	2.044	1.938	5.2	92	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29		1,1-Dichloropropene	0.458	0.448	2.2	97	0.00
30	M	2-Butanone	0.123	0.135	-9.8	107	0.00
31		2,2-Dichloropropane	0.422	0.443	-5.0	107	0.00
32	M	1,1,1-Trichloroethane	0.477	0.493	-3.4	104	0.00
33	M	Carbon Tetrachloride	0.417	0.419	-0.5	101	0.00
34	M	Benzene	1.377	1.392	-1.1	100	0.00
35		Methacrylonitrile	0.152	0.161	-5.9	104	0.00
36	M	1,2-Dichloroethane	0.417	0.422	-1.2	101	0.00
37	M	Trichloroethene	0.349	0.377	-8.0	108	0.00
38		Methylcyclohexane	0.567	0.515	9.2	89	0.00
39	M	1,2-Dichloropropane	0.369	0.370	-0.3	100	0.00
40		Dibromomethane	0.200	0.217	-8.5	108	0.00
41	M	Bromodichloromethane	0.441	0.448	-1.6	103	0.00
42	M	Vinyl Acetate	0.663	0.655	1.2	99	0.00
43		Ethyl Acetate	0.261	0.304	-16.5	112	0.00
44		Isopropyl Acetate	0.457	0.565	-23.6	125	0.00
45	T	1,4-Dioxane	0.003	0.003#	0.0	135	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.237	0.271	-14.3	115	0.00
47		n-amyl Acetate	0.379	0.484	-27.7	134	0.00
48	M	t-1,3-Dichloropropene	0.427	0.460	-7.7	113	0.00
49	T	cis-1,3-Dichloropropene	0.521	0.539	-3.5	105	0.00
50	M	1,1,2-Trichloroethane	0.283	0.315	-11.3	108	0.00
51		Ethyl methacrylate	0.355	0.430	-21.1	125	0.00
52		1,3-Dichloropropane	0.503	0.539	-7.2	106	0.00
53	M	Dibromochloromethane	0.311	0.344	-10.6	111	0.00
54	M	1,2-Dibromoethane	0.276	0.322	-16.7	117	0.00
55	M	2-Chloroethyl vinyl ether	0.208	0.229	-10.1	108	0.00
56	M	Bromoform	0.204	0.237	-16.2	119	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58	M	4-Methyl-2-Pentanone	0.291	0.350	-20.3	117	0.00
59	M	2-Hexanone	0.199	0.240	-20.6	116	0.00
60	S	4-Bromofluorobenzene	0.459	0.467	-1.7	102	0.00
61	M	Tetrachloroethene	0.369	0.459	-24.4	121	0.00
62	M	Toluene	1.654	1.697	-2.6	101	0.00
63	S	Toluene-d8	1.391	1.319	5.2	94	0.00
64	M	Chlorobenzene	1.009	1.077	-6.7	107	0.00
65		1,1,1,2-Tetrachloroethane	0.350	0.377	-7.7	109	0.00
66	M	Ethyl Benzene	1.782	1.854	-4.0	104	0.00
67	M	m/p-Xylenes	0.664	0.700	-5.4	104	0.00
68	M	o-Xylene	0.645	0.690	-7.0	107	0.00
69	M	Styrene	1.040	1.120	-7.7	107	0.00
70		Isopropylbenzene	1.715	1.817	-5.9	105	0.00
71	M	1,1,2,2-Tetrachloroethane	0.373	0.426	-14.2	112	0.00
72		1,2,3-Trichloropropane	0.320	0.353	-10.3	115	0.00
73		Bromobenzene	0.415	0.467	-12.5	114	0.00
74		n-propylbenzene	1.998	2.030	-1.6	100	0.00
75		2-Chlorotoluene	1.160	1.225	-5.6	104	0.00
76		1,3,5-Trimethylbenzene	1.385	1.435	-3.6	102	0.00
77		t-1,4-Dichloro-2-butene	0.101	0.119	-17.8	125	0.00
78		4-Chlorotoluene	1.158	1.223	-5.6	105	0.00
79		tert-butylbenzene	1.206	1.278	-6.0	104	0.00
80		1,2,4-Trimethylbenzene	1.386	1.443	-4.1	102	0.00
81		sec-Butylbenzene	1.680	1.674	0.4	98	0.00
82		p-Isopropyltoluene	1.431	1.444	-0.9	100	0.00
83	M	1,3-Dichlorobenzene	0.729	0.788	-8.1	108	0.00
84	M	1,4-Dichlorobenzene	0.705	0.768	-8.9	109	0.00
85		n-Butylbenzene	1.229	1.123	8.6	91	0.00
86	T	Hexachloroethane	0.242	0.224	7.4	94	0.00
87	M	1,2-Dichlorobenzene	0.694	0.757	-9.1	108	0.00
88		1,2-Dibromo-3-Chloropropane	0.052	0.060	-15.4	116	0.00
89		1,2,4-Trichlorobenzene	0.342	0.364	-6.4	110	0.00
90		Hexachlorobutadiene	0.224	0.225	-0.4	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.691	0.840	-21.6	126	0.00
92	1,2,3-Trichlorobenzene	0.315	0.339	-7.6	110	0.00

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