Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110818\
Data File : VN052215.D
Acq On : 8 Nov 2018 10:55
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Nov 08 11:18:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 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	107	0.00
2	M	Dichlorodifluoromethane	2.004	2.252	-12.4	117	0.00
3	M	Chloromethane	2.290	2.377	-3.8	107	0.00
4	M	Vinyl Chloride	2.246	2.317	-3.2	104	0.00
5	M	Bromomethane	1.533	1.542	-0.6	107	0.00
6	M	Chloroethane	1.436	1.364	5.0	99	0.00
7	M	Trichlorofluoromethane	3.042	3.243	-6.6	112	0.00
8	T	Diethyl Ether	1.027	1.089	-6.0	110	0.00
9		1,1,2-Trichlorotrifluoroeth	1.778	1.972	-10.9	119	0.00
10	M	1,1-Dichloroethene	1.659	1.735	-4.6	114	0.00
11		Methyl Iodide	2.399	2.505	-4.4	118	0.00
12		Methyl Acetate	1.396	1.531	-9.7	116	0.00
13	M	Acrolein	0.148	0.129	12.8	95	0.00
14	M	Acrylonitrile	0.619	0.668	-7.9	112	0.00
15	M	Acetone	0.146	0.176	-20.5	122	0.00
16	M	Carbon Disulfide	4.899	4.830	1.4	108	0.00
17		Allyl chloride	2.817	3.017	-7.1	115	0.00
18	M	Methylene Chloride	2.048	2.041	0.3	107	0.00
19	M	trans-1,2-Dichloroethene	1.818	1.880	-3.4	110	0.00
20	T	Diisopropyl ether	6.121	6.571	-7.4	113	0.00
21	M	1,1-Dichloroethane	3.577	3.617	-1.1	105	0.00
22	M	cis-1,2-Dichloroethene	2.123	2.235	-5.3	111	0.00
23	M	tert-Butyl Alcohol	0.096	0.116	-20.8	108	0.00
24	M	Methyl tert-Butyl Ether	4.703	4.945	-5.1	109	0.00
25	M	Chloroform	3.592	3.720	-3.6	108	0.00
26		Cyclohexane	3.207	3.378	-5.3	114	0.00
27	s	1,2-Dichloroethane-d4	2.227	2.199	1.3	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29		1,1-Dichloropropene	0.476	0.486	-2.1	108	0.00
30	M	2-Butanone	0.127	0.143	-12.6	115	0.00
31		2,2-Dichloropropane	0.491	0.487	0.8	107	0.00
32	M	1,1,1-Trichloroethane	0.533	0.539	-1.1	111	0.00
33	M	Carbon Tetrachloride	0.474	0.479	-1.1	112	0.00
34	M	Benzene	1.395	1.428	-2.4	110	0.00
35		Methacrylonitrile	0.174	0.256	-47.1#	146	0.00
36	M	1,2-Dichloroethane	0.466	0.474	-1.7	110	0.00
37	M	Trichloroethene	0.349	0.365	-4.6	118	0.00
38		Methylcyclohexane	0.581	0.591	-1.7	111	0.00
39	M	1,2-Dichloropropane	0.371	0.387	-4.3	108	0.00
40		Dibromomethane	0.229	0.236	-3.1	110	0.00
41	M	Bromodichloromethane	0.468	0.461	1.5	107	0.00
42	M	Vinyl Acetate	0.743	0.774	-4.2	110	0.00
43		Ethyl Acetate	0.637	0.716	-12.4	115	0.00
44		Isopropyl Acetate	0.528	0.563	-6.6	114	0.00
45	T	1,4-Dioxane	0.002	0.003#	-50.0#	115	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.263	0.286	-8.7	112	0.00
47		n-amyl Acetate	0.478	0.497	-4.0	114	0.00
48	M	t-1,3-Dichloropropene	0.465	0.471	-1.3	111	0.00
49	T	cis-1,3-Dichloropropene	0.537	0.542	-0.9	108	0.00
50	M	1,1,2-Trichloroethane	0.303	0.316	-4.3	113	0.00
51		Ethyl methacrylate	0.391	0.405	-3.6	112	0.00
52		1,3-Dichloropropane	0.527	0.541	-2.7	110	0.00
53	M	Dibromochloromethane	0.327	0.331	-1.2	113	0.00
54	M	1,2-Dibromoethane	0.307	0.311	-1.3	113	0.00
55	M	2-Chloroethyl vinyl ether	0.214	0.220	-2.8	107	0.00
56	M	Bromoform	0.189	0.196	-3.7	122	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
58	M	4-Methyl-2-Pentanone	0.321	0.357	-11.2	116	0.00
59	M	2-Hexanone	0.221	0.248	-12.2	117	0.00
60	S	4-Bromofluorobenzene	0.480	0.454	5.4	102	0.00
61	M	Tetrachloroethene	0.326	0.367	-12.6	127	0.00
62	M	Toluene	1.684	1.712	-1.7	110	0.00
63	S	Toluene-d8	1.411	1.395	1.1	106	0.00
64	M	Chlorobenzene	1.067	1.080	-1.2	113	0.00
65		1,1,1,2-Tetrachloroethane	0.363	0.388	-6.9	119	0.00
66	M	Ethyl Benzene	1.819	1.858	-2.1	114	0.00
67	M	m/p-Xylenes	0.700	0.727	-3.9	116	0.00
68	M	o-Xylene	0.668	0.693	-3.7	115	0.00
69	M	Styrene	1.076	1.110	-3.2	112	0.00
70		Isopropylbenzene	1.792	1.841	-2.7	115	0.00
71	M	1,1,2,2-Tetrachloroethane	0.394	0.423	-7.4	117	0.00
72		1,2,3-Trichloropropane	0.347	0.324	6.6	99	0.00
73		Bromobenzene	0.397	0.427	-7.6	124	0.00
74		n-propylbenzene	2.087	2.117	-1.4	113	0.00
75		2-Chlorotoluene	1.203	1.209	-0.5	111	0.00
76		1,3,5-Trimethylbenzene	1.437	1.489	-3.6	115	0.00
77		t-1,4-Dichloro-2-butene	0.108	0.102	5.6	116	0.00
78		4-Chlorotoluene	1.212	1.230	-1.5	113	0.00
79		tert-butylbenzene	1.252	1.290	-3.0	113	0.00
80		1,2,4-Trimethylbenzene	1.432	1.515	-5.8	116	0.00
81		sec-Butylbenzene	1.723	1.813	-5.2	117	0.00
82		p-Isopropyltoluene	1.456	1.545	-6.1	120	0.00
83	M	1,3-Dichlorobenzene	0.703	0.747	-6.3	122	0.00
84	M	1,4-Dichlorobenzene	0.695	0.737	-6.0	124	0.00
85		n-Butylbenzene	1.260	1.289	-2.3	117	0.00
86	T	Hexachloroethane	0.246	0.255	-3.7	119	0.00
87	M	1,2-Dichlorobenzene	0.667	0.732	-9.7	125	0.00
88		1,2-Dibromo-3-Chloropropane	0.054	0.060	-11.1	116	0.00
89		1,2,4-Trichlorobenzene	0.271	0.305	-12.5	131	0.00
90		Hexachlorobutadiene	0.148	0.183	-23.6	141	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.625	0.741	-18.6	135	0.00
92	1,2,3-Trichlorobenzene	0.236	0.289	-22.5	145	0.00

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