Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122818\
Data File : VN053234.D
Acq On : 28 Dec 2018 19:24
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 28

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Dec 28 23:45:56 2018
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	1.996	0.2	99	0.00
3	M	Chloromethane	2.346	2.353	-0.3	102	0.00
4	M	Vinyl Chloride	2.309	2.282	1.2	99	0.00
5	M	Bromomethane	1.488	1.461	1.8	102	0.00
6	M	Chloroethane	1.330	1.313	1.3	100	0.00
7	M	Trichlorofluoromethane	2.851	2.852	-0.0	102	0.00
8	T	Diethyl Ether	1.059	1.083	-2.3	106	0.00
9		1,1,2-Trichlorotrifluoroeth	1.791	1.733	3.2	98	0.00
10	M	1,1-Dichloroethene	1.748	1.701	2.7	100	0.00
11		Methyl Iodide	2.560	2.457	4.0	99	0.00
12		Methyl Acetate	1.362	1.393	-2.3	111	0.00
13	M	Acrolein	0.163	0.164	-0.6	106	0.00
14	M	Acrylonitrile	0.610	0.650	-6.6	108	0.00
15	M	Acetone	0.130	0.146	-12.3	113	0.00
16	M	Carbon Disulfide	5.377	5.184	3.6	100	0.00
17		Allyl chloride	2.750	2.765	-0.5	99	0.00
18	M	Methylene Chloride	2.001	2.004	-0.1	103	0.00
19	M	trans-1,2-Dichloroethene	1.847	1.828	1.0	101	0.00
20	T	Diisopropyl ether	5.889	5.992	-1.7	102	0.00
21	M	1,1-Dichloroethane	3.429	3.412	0.5	102	0.00
22	M	cis-1,2-Dichloroethene	2.081	2.119	-1.8	105	0.00
23	M	tert-Butyl Alcohol	0.103	0.119	-15.5	123	0.00
24	M	Methyl tert-Butyl Ether	4.558	4.740	-4.0	106	0.00
25	M	Chloroform	3.296	3.323	-0.8	102	0.00
26		Cyclohexane	3.198	3.103	3.0	100	0.00
27	s	1,2-Dichloroethane-d4	1.906	1.945	-2.0	102	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.454	0.445	2.0	102	0.00
30	M	2-Butanone	0.113	0.123	-8.8	110	0.00
31		2,2-Dichloropropane	0.440	0.367	16.6	87	0.00
32	M	1,1,1-Trichloroethane	0.476	0.473	0.6	103	0.00
33	M	Carbon Tetrachloride	0.417	0.409	1.9	102	0.00
34	M	Benzene	1.366	1.364	0.1	102	0.00
35		Methacrylonitrile	0.146	0.148	-1.4	102	0.00
36	M	1,2-Dichloroethane	0.396	0.397	-0.3	101	0.00
37	M	Trichloroethene	0.370	0.365	1.4	102	0.00
38		Methylcyclohexane	0.532	0.498	6.4	99	0.00
39	M	1,2-Dichloropropane	0.357	0.359	-0.6	104	0.00
40		Dibromomethane	0.202	0.206	-2.0	106	0.00
41	M	Bromodichloromethane	0.433	0.422	2.5	102	0.00
42	M	Vinyl Acetate	0.619	0.643	-3.9	106	0.00
43		Ethyl Acetate	0.253	0.270	-6.7	106	0.00
44		Isopropyl Acetate	0.472	0.506	-7.2	113	0.00
45	T	1,4-Dioxane	0.003	0.003#	0.0	111	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.238	0.249	-4.6	109	0.00
47		n-amyl Acetate	0.414	0.423	-2.2	110	0.00
48	M	t-1,3-Dichloropropene	0.442	0.423	4.3	101	0.00
49	T	cis-1,3-Dichloropropene	0.521	0.502	3.6	101	0.00
50	M	1,1,2-Trichloroethane	0.289	0.296	-2.4	105	0.00
51		Ethyl methacrylate	0.377	0.392	-4.0	110	0.00
52		1,3-Dichloropropane	0.498	0.508	-2.0	106	0.00
53	M	Dibromochloromethane	0.325	0.319	1.8	104	0.00
54	M	1,2-Dibromoethane	0.292	0.295	-1.0	104	0.00
55	M	2-Chloroethyl vinyl ether	0.216	0.222	-2.8	105	0.00
56	M	Bromoform	0.222	0.216	2.7	104	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	0.286	0.315	-10.1	111	0.00
59	M	2-Hexanone	0.197	0.212	-7.6	108	0.00
60	S	4-Bromofluorobenzene	0.459	0.449	2.2	102	0.00
61	M	Tetrachloroethene	0.443	0.446	-0.7	103	0.00
62	M	Toluene	1.645	1.631	0.9	103	0.00
63	S	Toluene-d8	1.352	1.355	-0.2	101	0.00
64	M	Chlorobenzene	1.032	1.023	0.9	104	0.00
65		1,1,1,2-Tetrachloroethane	0.362	0.349	3.6	101	0.00
66	M	Ethyl Benzene	1.784	1.750	1.9	103	0.00
67	M	m/p-Xylenes	0.675	0.661	2.1	102	0.00
68	M	o-Xylene	0.654	0.648	0.9	103	0.00
69	M	Styrene	1.067	1.048	1.8	103	0.00
70		Isopropylbenzene	1.720	1.689	1.8	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.362	0.380	-5.0	109	0.00
72		1,2,3-Trichloropropane	0.317	0.329	-3.8	103	0.00
73		Bromobenzene	0.442	0.427	3.4	100	0.00
74		n-propylbenzene	1.948	1.864	4.3	100	0.00
75		2-Chlorotoluene	1.153	1.134	1.6	101	0.00
76		1,3,5-Trimethylbenzene	1.365	1.310	4.0	99	0.00
77		t-1,4-Dichloro-2-butene	0.111	0.097	12.6	96	0.00
78		4-Chlorotoluene	1.174	1.118	4.8	100	0.00
79		tert-butylbenzene	1.190	1.160	2.5	102	0.00
80		1,2,4-Trimethylbenzene	1.368	1.308	4.4	99	0.00
81		sec-Butylbenzene	1.576	1.499	4.9	100	0.00
82		p-Isopropyltoluene	1.362	1.272	6.6	97	0.00
83	M	1,3-Dichlorobenzene	0.753	0.702	6.8	98	0.00
84	M	1,4-Dichlorobenzene	0.734	0.685	6.7	98	0.00
85		n-Butylbenzene	1.108	0.986	11.0	95	0.00
86	T	Hexachloroethane	0.217	0.204	6.0	101	0.00
87	M	1,2-Dichlorobenzene	0.700	0.662	5.4	96	0.00
88		1,2-Dibromo-3-Chloropropane	0.052	0.050	3.8	99	0.00
89		1,2,4-Trichlorobenzene	0.340	0.316	7.1	102	0.00
90		Hexachlorobutadiene	0.206	0.191	7.3	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.721	0.731	-1.4	113	0.00
92	1,2,3-Trichlorobenzene	0.303	0.303	0.0	110	0.00

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