Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101119\
Data File : VN058674.D
Acq On : 10 Oct 2019 18:56
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN101119

Quant Time: Oct 11 04:59:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 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	99	0.00
2	M	Dichlorodifluoromethane	1.625	1.766	-8.7	102	0.00
3	M	Chloromethane	2.171	2.290	-5.5	101	0.00
4	M	Vinyl Chloride	2.244	2.442	-8.8	103	0.00
5	M	Bromomethane	1.386	1.454	-4.9	98	0.00
6	M	Chloroethane	1.411	1.490	-5.6	101	0.00
7	M	Trichlorofluoromethane	2.762	2.942	-6.5	102	0.00
8	T	Diethyl Ether	1.053	1.127	-7.0	102	0.00
9		1,1,2-Trichlorotrifluoroeth	1.598	1.698	-6.3	103	0.00
10	M	1,1-Dichloroethene	1.570	1.644	-4.7	100	0.00
11		Methyl Iodide	2.186	2.330	-6.6	105	0.00
12		Methyl Acetate	2.511	2.533	-0.9	100	0.00
13	M	Acrolein	0.277	0.265	4.3	98	0.00
14	M	Acrylonitrile	0.990	1.024	-3.4	104	0.00
15	M	Acetone	0.294	0.290	1.4	100	0.00
16	M	Carbon Disulfide	4.578	4.779	-4.4	100	0.00
17		Allyl chloride	3.124	3.240	-3.7	100	0.00
18	M	Methylene Chloride	1.901	1.981	-4.2	101	0.00
19	M	trans-1,2-Dichloroethene	1.709	1.820	-6.5	102	0.00
20	T	Diisopropyl ether	6.365	6.713	-5.5	102	0.00
21	M	1,1-Dichloroethane	3.525	3.726	-5.7	102	0.00
22	M	cis-1,2-Dichloroethene	2.037	2.159	-6.0	102	0.00
23	M	tert-Butyl Alcohol	0.405	0.412	-1.7	102	0.00
24	M	Methyl tert-Butyl Ether	5.856	6.179	-5.5	102	0.00
25	M	Chloroform	3.515	3.756	-6.9	103	0.00
26		Cyclohexane	3.094	3.230	-4.4	103	0.00
27	s	1,2-Dichloroethane-d4	2.546	2.610	-2.5	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
29		1,1-Dichloropropene	0.472	0.476	-0.8	100	0.00
30	M	2-Butanone	0.267	0.258	3.4	99	0.00
31		2,2-Dichloropropane	0.557	0.553	0.7	102	0.00
32	M	1,1,1-Trichloroethane	0.546	0.571	-4.6	102	0.00
33	M	Carbon Tetrachloride	0.473	0.489	-3.4	101	0.00
34	M	Benzene	1.390	1.433	-3.1	102	0.00
35		Methacrylonitrile	0.236	0.221	6.4	93	0.00
36	M	1,2-Dichloroethane	0.532	0.557	-4.7	103	0.00
37	M	Trichloroethene	0.342	0.355	-3.8	102	0.00
38		Methylcyclohexane	0.548	0.557	-1.6	103	0.00
39	M	1,2-Dichloropropane	0.380	0.385	-1.3	98	0.00
40		Dibromomethane	0.240	0.244	-1.7	100	0.00
41	M	Bromodichloromethane	0.490	0.502	-2.4	101	0.00
42	M	Vinyl Acetate	0.935	0.989	-5.8	101	0.00
43		Ethyl Acetate	0.524	0.524	0.0	98	0.00
44		Isopropyl Acetate	0.848	0.856	-0.9	101	0.00
45	T	1,4-Dioxane	0.007	0.006#	14.3	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.390	0.390	0.0	103	0.00
47		n-amyl Acetate	0.752	0.735	2.3	100	0.00
48	M	t-1,3-Dichloropropene	0.568	0.565	0.5	100	0.00
49	T	cis-1,3-Dichloropropene	0.597	0.610	-2.2	101	0.00
50	M	1,1,2-Trichloroethane	0.342	0.353	-3.2	102	0.00
51		Ethyl methacrylate	0.548	0.551	-0.5	102	0.00
52		1,3-Dichloropropane	0.610	0.622	-2.0	100	0.00
53	M	Dibromochloromethane	0.367	0.369	-0.5	101	0.00
54	M	1,2-Dibromoethane	0.355	0.357	-0.6	100	0.00
55	M	2-Chloroethyl vinyl ether	0.272	0.280	-2.9	98	0.00
56	M	Bromoform	0.256	0.251	2.0	101	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.547	0.582	-6.4	101	0.00
59	M	2-Hexanone	0.429	0.437	-1.9	100	0.00
60	S	4-Bromofluorobenzene	0.525	0.510	2.9	99	0.00
61	M	Tetrachloroethene	0.324	0.347	-7.1	103	0.00
62	M	Toluene	1.614	1.687	-4.5	101	0.00
63	S	Toluene-d8	1.416	1.431	-1.1	101	0.00
64	M	Chlorobenzene	0.987	1.029	-4.3	102	0.00
65		1,1,1,2-Tetrachloroethane	0.370	0.386	-4.3	103	0.00
66	M	Ethyl Benzene	1.787	1.876	-5.0	102	0.00
67	M	m/p-Xylenes	0.668	0.690	-3.3	101	0.00
68	M	o-Xylene	0.647	0.671	-3.7	102	0.00
69	M	Styrene	1.069	1.077	-0.7	101	0.00
70		Isopropylbenzene	1.747	1.817	-4.0	102	0.00
71	M	1,1,2,2-Tetrachloroethane	0.588	0.600	-2.0	100	0.00
72		1,2,3-Trichloropropane	0.533	0.548	-2.8	101	0.00
73		Bromobenzene	0.424	0.433	-2.1	101	0.00
74		n-propylbenzene	2.045	2.150	-5.1	101	0.00
75		2-Chlorotoluene	1.231	1.272	-3.3	102	0.00
76		1,3,5-Trimethylbenzene	1.497	1.544	-3.1	101	0.00
77		t-1,4-Dichloro-2-butene	0.203	0.188	7.4	95	0.00
78		4-Chlorotoluene	1.268	1.297	-2.3	102	0.00
79		tert-butylbenzene	1.279	1.306	-2.1	101	0.00
80		1,2,4-Trimethylbenzene	1.487	1.532	-3.0	101	0.00
81		sec-Butylbenzene	1.721	1.764	-2.5	100	0.00
82		p-Isopropyltoluene	1.545	1.593	-3.1	102	0.00
83	M	1,3-Dichlorobenzene	0.768	0.783	-2.0	102	0.00
84	M	1,4-Dichlorobenzene	0.767	0.765	0.3	99	0.00
85		n-Butylbenzene	1.415	1.415	0.0	102	0.00
86	T	Hexachloroethane	0.281	0.286	-1.8	102	0.00
87	M	1,2-Dichlorobenzene	0.758	0.779	-2.8	103	0.00
88		1,2-Dibromo-3-Chloropropane	0.131	0.130	0.8	98	0.00
89		1,2,4-Trichlorobenzene	0.479	0.472	1.5	101	0.00
90		Hexachlorobutadiene	0.247	0.249	-0.8	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.413	1.429	-1.1	103	0.00
92	1,2,3-Trichlorobenzene	0.466	0.472	-1.3	103	0.00

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