Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102020\
Data File : VN064195.D
Acq On : 20 Oct 2020 13:35
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN102020

Quant Time: Oct 21 06:00:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N102020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 20 11:51:57 2020
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	2.058	2.417	-17.4	124	0.00
3	M	Chloromethane	2.109	2.346	-11.2	120	0.00
4	M	Vinyl Chloride	2.075	2.230	-7.5	115	0.00
5	M	Bromomethane	1.241	1.396	-12.5	125	0.00
6	M	Chloroethane	1.209	1.272	-5.2	114	0.00
7	M	Trichlorofluoromethane	3.331	3.771	-13.2	117	0.00
8	T	Diethyl Ether	1.131	1.169	-3.4	115	0.00
9		1,1,2-Trichlorotrifluoroeth	1.758	1.868	-6.3	115	0.00
10	M	1,1-Dichloroethene	1.712	1.816	-6.1	118	0.00
11		Methyl Iodide	2.467	2.546	-3.2	119	0.00
12		Methyl Acetate	1.804	1.938	-7.4	123	0.00
13	M	Acrolein	0.197	0.189	4.1	126	0.00
14	M	Acrylonitrile	0.727	0.753	-3.6	120	0.00
15	M	Acetone	0.196	0.205	-4.6	126	0.00
16	M	Carbon Disulfide	4.895	5.185	-5.9	118	0.00
17		Allyl chloride	3.183	3.271	-2.8	116	0.00
18	M	Methylene Chloride	1.958	2.013	-2.8	119	0.00
19	M	trans-1,2-Dichloroethene	1.847	1.947	-5.4	118	0.00
20	T	Diisopropyl ether	5.882	6.136	-4.3	117	0.00
21	M	1,1-Dichloroethane	3.591	3.743	-4.2	117	0.00
22	M	cis-1,2-Dichloroethene	2.159	2.277	-5.5	117	0.00
23	M	tert-Butyl Alcohol	0.336	0.347	-3.3	125	0.00
24	M	Methyl tert-Butyl Ether	5.657	5.957	-5.3	117	0.00
25	M	Chloroform	3.731	3.883	-4.1	117	0.00
26		Cyclohexane	2.847	3.006	-5.6	121	0.00
27	s	1,2-Dichloroethane-d4	2.456	2.496	-1.6	98	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29		1,1-Dichloropropene	0.498	0.517	-3.8	116	0.00
30	M	2-Butanone	0.205	0.209	-2.0	122	0.00
31		2,2-Dichloropropane	0.633	0.660	-4.3	117	0.00
32	M	1,1,1-Trichloroethane	0.635	0.664	-4.6	119	0.00
33	M	Carbon Tetrachloride	0.579	0.597	-3.1	117	0.00
34	M	Benzene	1.387	1.431	-3.2	119	0.00
35		Methacrylonitrile	0.225	0.251	-11.6	136	0.00
36	M	1,2-Dichloroethane	0.561	0.585	-4.3	119	0.00
37	M	Trichloroethene	0.382	0.399	-4.5	121	0.00
38		Methylcyclohexane	0.477	0.498	-4.4	122	0.00
39	M	1,2-Dichloropropane	0.370	0.388	-4.9	120	0.00
40		Dibromomethane	0.258	0.253	1.9	115	0.00
41	M	Bromodichloromethane	0.558	0.579	-3.8	120	0.00
42	M	Vinyl Acetate	0.975	1.002	-2.8	119	0.00
43		Ethyl Acetate	0.449	0.405	9.8	106	0.00
44		Isopropyl Acetate	0.861	0.893	-3.7	120	0.00
45	T	1,4-Dioxane	0.005	0.005#	0.0	126	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46		Methyl methacrylate	0.409	0.414	-1.2	116	0.00
47		n-amyl Acetate	0.764	0.750	1.8	120	0.00
48	M	t-1,3-Dichloropropene	0.629	0.647	-2.9	120	0.00
49	T	cis-1,3-Dichloropropene	0.650	0.662	-1.8	120	0.00
50	M	1,1,2-Trichloroethane	0.345	0.346	-0.3	115	0.00
51		Ethyl methacrylate	0.546	0.548	-0.4	118	0.00
52		1,3-Dichloropropane	0.595	0.602	-1.2	118	0.00
53	M	Dibromochloromethane	0.434	0.433	0.2	116	0.00
54	M	1,2-Dibromoethane	0.367	0.374	-1.9	118	0.00
55	M	2-Chloroethyl vinyl ether	0.268	0.252	6.0	105	0.00
56	M	Bromoform	0.303	0.296	2.3	116	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	0.508	0.509	-0.2	118	0.00
59	M	2-Hexanone	0.377	0.381	-1.1	120	0.00
60	S	4-Bromofluorobenzene	0.538	0.525	2.4	98	0.00
61	M	Tetrachloroethene	0.404	0.425	-5.2	122	0.00
62	M	Toluene	1.715	1.760	-2.6	119	0.00
63	S	Toluene-d8	1.358	1.322	2.7	98	0.00
64	M	Chlorobenzene	1.068	1.120	-4.9	122	0.00
65		1,1,1,2-Tetrachloroethane	0.418	0.439	-5.0	123	0.00
66	M	Ethyl Benzene	1.972	2.030	-2.9	118	0.00
67	M	m/p-Xylenes	0.733	0.744	-1.5	119	0.00
68	M	o-Xylene	0.712	0.740	-3.9	125	0.00
69	M	Styrene	1.204	1.211	-0.6	119	0.00
70		Isopropylbenzene	1.879	1.925	-2.4	119	0.00
71	M	1,1,2,2-Tetrachloroethane	0.515	0.511	0.8	118	0.00
72		1,2,3-Trichloropropane	0.537	0.493	8.2	111	0.00
73		Bromobenzene	0.453	0.456	-0.7	115	0.00
74		n-propylbenzene	2.145	2.203	-2.7	120	0.00
75		2-Chlorotoluene	1.328	1.332	-0.3	118	0.00
76		1,3,5-Trimethylbenzene	1.599	1.628	-1.8	120	0.00
77		t-1,4-Dichloro-2-butene	0.210	0.203	3.3	116	0.00
78		4-Chlorotoluene	1.389	1.412	-1.7	121	0.00
79		tert-butylbenzene	1.307	1.339	-2.4	120	0.00
80		1,2,4-Trimethylbenzene	1.623	1.618	0.3	116	0.00
81		sec-Butylbenzene	1.701	1.747	-2.7	119	0.00
82		p-Isopropyltoluene	1.574	1.614	-2.5	119	0.00
83	M	1,3-Dichlorobenzene	0.812	0.806	0.7	119	0.00
84	M	1,4-Dichlorobenzene	0.813	0.821	-1.0	118	0.00
85		n-Butylbenzene	1.398	1.455	-4.1	124	0.00
86	T	Hexachloroethane	0.271	0.277	-2.2	119	0.00
87	M	1,2-Dichlorobenzene	0.792	0.794	-0.3	122	0.00
88		1,2-Dibromo-3-Chloropropane	0.130	0.125	3.8	118	0.00
89		1,2,4-Trichlorobenzene	0.476	0.472	0.8	115	0.00
90		Hexachlorobutadiene	0.241	0.263	-9.1	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.442	1.391	3.5	117	0.00
92	1,2,3-Trichlorobenzene	0.455	0.454	0.2	119	0.00

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