Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
Data File : VN067048.D
Acq On : 7 May 2021 13:37
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: May 07 18:46:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 07 07:26:20 2021
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	108	0.00
2	M	Dichlorodifluoromethane	2.052	2.241	-9.2	119	0.00
3	M	Chloromethane	3.130	3.064	2.1	114	0.00
4	M	Vinyl Chloride	3.027	3.010	0.6	116	0.00
5	M	Bromomethane	1.689	1.671	1.1	117	0.04
6	M	Chloroethane	1.744	1.739	0.3	118	0.02
7	M	Trichlorofluoromethane	3.676	3.626	1.4	114	0.01
8	T	Diethyl Ether	1.242	1.186	4.5	116	0.00
9		1,1,2-Trichlorotrifluoroeth	1.779	1.770	0.5	115	0.00
10	M	1,1-Dichloroethene	1.708	1.731	-1.3	120	0.01
11		Methyl Iodide	2.323	1.640	29.4	83	0.00
12		Methyl Acetate	2.427	1.971	18.8	98	0.00
13	M	Acrolein	0.397	0.465	-17.1	144	0.00
14	M	Acrylonitrile	0.960	0.825	14.1	101	0.00
15	M	Acetone	0.279	0.291	-4.3	124	0.00
16	M	Carbon Disulfide	5.650	5.648	0.0	116	0.00
17		Allyl chloride	3.335	3.263	2.2	125	0.00
18	M	Methylene Chloride	2.318	2.115	8.8	108	0.00
19	M	trans-1,2-Dichloroethene	1.880	1.881	-0.1	118	0.00
20	T	Diisopropyl ether	6.156	6.001	2.5	113	0.00
21	M	1,1-Dichloroethane	4.093	3.969	3.0	114	0.00
22	M	cis-1,2-Dichloroethene	2.156	2.112	2.0	115	0.00
23	M	tert-Butyl Alcohol	0.382	0.284	25.7	92	-0.02
24	M	Methyl tert-Butyl Ether	5.660	5.440	3.9	113	0.00
25	M	Chloroform	3.949	3.795	3.9	115	0.00
26		Cyclohexane	2.844	2.906	-2.2	121	0.00
27	s	1,2-Dichloroethane-d4	2.629	2.559	2.7	104	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29		1,1-Dichloropropene	0.525	0.531	-1.1	122	0.00
30	M	2-Butanone	0.252	0.217	13.9	106	0.00
31		2,2-Dichloropropane	0.633	0.669	-5.7	130	0.00
32	M	1,1,1-Trichloroethane	0.681	0.631	7.3	113	0.00
33	M	Carbon Tetrachloride	0.593	0.555	6.4	114	0.00
34	M	Benzene	1.701	1.601	5.9	114	0.00
35		Methacrylonitrile	0.235	0.196	16.6	103	0.00
36	M	1,2-Dichloroethane	0.634	0.583	8.0	111	0.00
37	M	Trichloroethene	0.368	0.362	1.6	120	0.00
38		Methylcyclohexane	0.522	0.543	-4.0	130	0.00
39	M	1,2-Dichloropropane	0.472	0.437	7.4	111	0.00
40		Dibromomethane	0.292	0.258	11.6	109	0.00
41	M	Bromodichloromethane	0.616	0.566	8.1	114	0.00
42	M	Vinyl Acetate	1.084	1.000	7.7	111	0.00
43		Ethyl Acetate	0.593	0.479	19.2	94	0.00
44		Isopropyl Acetate	0.900	0.779	13.4	107	0.00
45	T	1,4-Dioxane	0.006	0.004#	33.3#	85	0.00
46		Methyl methacrylate	0.379	0.320	15.6	107	0.00
47		n-amyl Acetate	0.204	0.000#	100.0#	0#	-11.79#
48	M	t-1,3-Dichloropropene	0.631	0.605	4.1	118	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.692	0.675	2.5	119	0.00
50	M	1,1,2-Trichloroethane	0.404	0.361	10.6	109	0.00
51		Ethyl methacrylate	0.527	0.464	12.0	111	0.00
52		1,3-Dichloropropane	0.701	0.640	8.7	112	0.00
53	M	Dibromochloromethane	0.444	0.403	9.2	111	0.00
54	M	1,2-Dibromoethane	0.386	0.341	11.7	107	0.00
55	M	2-Chloroethyl vinyl ether	0.101	0.121	-19.8	156#	0.00
56	M	Bromoform	0.295	0.249	15.6	108	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
58	M	4-Methyl-2-Pentanone	0.562	0.496	11.7	103	0.00
59	M	2-Hexanone	0.331	0.291	12.1	104	0.00
60	S	4-Bromofluorobenzene	0.499	0.510	-2.2	109	0.00
61	M	Tetrachloroethene	0.340	0.348	-2.4	120	0.00
62	M	Toluene	1.851	1.809	2.3	116	0.00
63	S	Toluene-d8	1.486	1.506	-1.3	108	0.00
64	M	Chlorobenzene	1.081	1.045	3.3	113	0.00
65		1,1,1,2-Tetrachloroethane	0.431	0.404	6.3	112	0.00
66	M	Ethyl Benzene	1.879	1.902	-1.2	119	0.00
67	M	m/p-Xylenes	0.706	0.715	-1.3	120	0.00
68	M	o-Xylene	0.696	0.666	4.3	115	0.00
69	M	Styrene	1.070	1.089	-1.8	121	0.00
70		Isopropylbenzene	1.806	1.816	-0.6	120	0.00
71	M	1,1,2,2-Tetrachloroethane	0.657	0.565	14.0	97	0.00
72		1,2,3-Trichloropropane	0.596	0.536	10.1	103	0.00
73		Bromobenzene	0.436	0.415	4.8	112	0.00
74		n-propylbenzene	2.070	2.231	-7.8	127	0.00
75		2-Chlorotoluene	1.330	1.353	-1.7	116	0.00
76		1,3,5-Trimethylbenzene	1.596	1.624	-1.8	119	0.00
77		t-1,4-Dichloro-2-butene	0.133	0.119	10.5	109	0.00
78		4-Chlorotoluene	1.194	1.342	-12.4	124	0.00
79		tert-butylbenzene	1.352	1.346	0.4	118	0.00
80		1,2,4-Trimethylbenzene	1.496	1.541	-3.0	121	0.00
81		sec-Butylbenzene	1.788	1.877	-5.0	126	0.00
82		p-Isopropyltoluene	1.422	1.582	-11.3	134	0.00
83	M	1,3-Dichlorobenzene	0.724	0.777	-7.3	129	0.00
84	M	1,4-Dichlorobenzene	0.749	0.724	3.3	128	0.00
85		n-Butylbenzene	1.145	1.333	-16.4	151#	0.00
86	T	Hexachloroethane	0.315	0.282	10.5	109	0.00
87	M	1,2-Dichlorobenzene	0.750	0.768	-2.4	121	0.00
88		1,2-Dibromo-3-Chloropropane	0.127	0.095	25.2	109	0.00
89		1,2,4-Trichlorobenzene	0.379	0.441	-16.4	150	0.00
90		Hexachlorobutadiene	0.256	0.277	-8.2	136	0.00
91	M	Naphthalene	1.038	1.101	-6.1	134	0.00
92		1,2,3-Trichlorobenzene	0.397	0.431	-8.6	135	0.00

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