Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042021\
Data File : VN066678.D
Acq On : 20 Apr 2021 13:16
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : ICVVN042021

Quant Time: Apr 21 10:06:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Apr 20 12:52:17 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	103	0.00
2	M	Dichlorodifluoromethane	1.477	1.381	6.5	103	0.00
3	M	Chloromethane	2.298	2.153	6.3	102	0.00
4	M	Vinyl Chloride	2.190	2.058	6.0	105	0.00
5	M	Bromomethane	1.288	1.307	-1.5	109	0.00
6	M	Chloroethane	1.337	1.258	5.9	104	0.00
7	M	Trichlorofluoromethane	2.440	2.283	6.4	105	0.00
8	T	Diethyl Ether	1.083	1.001	7.6	106	0.00
9		1,1,2-Trichlorotrifluoroeth	1.547	1.479	4.4	109	0.00
10	M	1,1-Dichloroethene	1.559	1.486	4.7	110	0.00
11		Methyl Iodide	2.361	2.040	13.6	99	0.00
12		Methyl Acetate	2.126	1.835	13.7	94	0.00
13	M	Acrolein	0.301	0.260	13.6	95	0.00
14	M	Acrylonitrile	0.934	0.812	13.1	97	0.00
15	M	Acetone	0.245	0.268	-9.4	118	0.00
16	M	Carbon Disulfide	4.808	4.504	6.3	106	0.00
17		Allyl chloride	3.091	2.865	7.3	105	0.00
18	M	Methylene Chloride	1.995	1.877	5.9	106	0.00
19	M	trans-1,2-Dichloroethene	1.765	1.640	7.1	105	0.00
20	T	Diisopropyl ether	6.502	6.028	7.3	106	0.00
21	M	1,1-Dichloroethane	3.495	3.220	7.9	106	0.00
22	M	cis-1,2-Dichloroethene	2.048	1.890	7.7	106	0.00
23	M	tert-Butyl Alcohol	0.318	0.282	11.3	99	0.00
24	M	Methyl tert-Butyl Ether	5.438	4.994	8.2	107	0.00
25	M	Chloroform	3.347	3.058	8.6	103	0.00
26		Cyclohexane	3.006	2.776	7.7	109	0.00
27	s	1,2-Dichloroethane-d4	2.162	2.128	1.6	100	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
29		1,1-Dichloropropene	0.472	0.430	8.9	109	0.00
30	M	2-Butanone	0.228	0.205	10.1	102	0.00
31		2,2-Dichloropropane	0.544	0.504	7.4	108	0.00
32	M	1,1,1-Trichloroethane	0.533	0.479	10.1	104	0.00
33	M	Carbon Tetrachloride	0.450	0.405	10.0	106	0.00
34	M	Benzene	1.522	1.370	10.0	105	0.00
35		Methacrylonitrile	0.220	0.217	1.4	112	0.00
36	M	1,2-Dichloroethane	0.500	0.445	11.0	101	0.00
37	M	Trichloroethene	0.362	0.333	8.0	110	0.00
38		Methylcyclohexane	0.563	0.516	8.3	114	0.00
39	M	1,2-Dichloropropane	0.416	0.370	11.1	102	0.00
40		Dibromomethane	0.249	0.222	10.8	102	0.00
41	M	Bromodichloromethane	0.523	0.462	11.7	101	0.00
42	M	Vinyl Acetate	1.022	0.900	11.9	103	0.00
43		Ethyl Acetate	0.501	0.433	13.6	98	0.00
44		Isopropyl Acetate	0.837	0.710	15.2	99	0.00
45	T	1,4-Dioxane	0.006	0.005#	16.7	96	0.00
46		Methyl methacrylate	0.382	0.319	16.5	99	0.00
47		n-amyl Acetate	0.462	0.116	74.9#	99	0.00
48	M	t-1,3-Dichloropropene	0.572	0.503	12.1	105	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.632	0.564	10.8	107	0.00
50	M	1,1,2-Trichloroethane	0.366	0.324	11.5	101	0.00
51		Ethyl methacrylate	0.517	0.431	16.6	104	0.00
52		1,3-Dichloropropane	0.624	0.552	11.5	103	0.00
53	M	Dibromochloromethane	0.396	0.347	12.4	101	0.00
54	M	1,2-Dibromoethane	0.367	0.322	12.3	101	0.00
55	M	2-Chloroethyl vinyl ether	0.079	0.062	21.5	103	0.00
56	M	Bromoform	0.286	0.245	14.3	100	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58	M	4-Methyl-2-Pentanone	0.511	0.446	12.7	95	0.00
59	M	2-Hexanone	0.328	0.283	13.7	98	0.00
60	S	4-Bromofluorobenzene	0.470	0.466	0.9	106	0.00
61	M	Tetrachloroethene	0.331	0.319	3.6	108	0.00
62	M	Toluene	1.703	1.583	7.0	106	0.00
63	S	Toluene-d8	1.380	1.384	-0.3	103	0.00
64	M	Chlorobenzene	1.019	0.949	6.9	106	0.00
65		1,1,1,2-Tetrachloroethane	0.382	0.349	8.6	104	0.00
66	M	Ethyl Benzene	1.819	1.674	8.0	108	0.00
67	M	m/p-Xylenes	0.683	0.639	6.4	108	0.00
68	M	o-Xylene	0.662	0.614	7.3	108	0.00
69	M	Styrene	1.065	0.964	9.5	109	0.00
70		Isopropylbenzene	1.730	1.624	6.1	110	0.00
71	M	1,1,2,2-Tetrachloroethane	0.571	0.513	10.2	95	0.00
72		1,2,3-Trichloropropane	0.497	0.462	7.0	108	0.00
73		Bromobenzene	0.438	0.404	7.8	107	0.00
74		n-propylbenzene	2.008	1.843	8.2	110	0.00
75		2-Chlorotoluene	1.202	1.135	5.6	109	0.00
76		1,3,5-Trimethylbenzene	1.463	1.363	6.8	108	0.00
77		t-1,4-Dichloro-2-butene	0.157	0.125	20.4	105	0.00
78		4-Chlorotoluene	1.179	1.090	7.5	112	0.00
79		tert-butylbenzene	1.225	1.128	7.9	109	0.00
80		1,2,4-Trimethylbenzene	1.403	1.304	7.1	112	0.00
81		sec-Butylbenzene	1.630	1.542	5.4	114	0.00
82		p-Isopropyltoluene	1.395	1.275	8.6	114	0.00
83	M	1,3-Dichlorobenzene	0.727	0.675	7.2	113	0.00
84	M	1,4-Dichlorobenzene	0.702	0.630	10.3	109	0.00
85		n-Butylbenzene	1.160	1.038	10.5	121	0.00
86	T	Hexachloroethane	0.294	0.263	10.5	106	0.00
87	M	1,2-Dichlorobenzene	0.714	0.678	5.0	114	0.00
88		1,2-Dibromo-3-Chloropropane	0.098	0.084	14.3	111	0.00
89		1,2,4-Trichlorobenzene	0.413	0.404	2.2	129	0.00
90		Hexachlorobutadiene	0.231	0.226	2.2	115	0.00
91	M	Naphthalene	0.992	1.103	-11.2	141	0.00
92		1,2,3-Trichlorobenzene	0.390	0.398	-2.1	129	0.00

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