Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051420\
Data File : VN061408.D
Acq On : 14 May 2020 21:34
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: May 15 07:47:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N051420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 14 16:04:10 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	95	0.00
2	M	Dichlorodifluoromethane	20.000	18.632	6.8	93	0.00
3	M	Chloromethane	20.000	21.171	-5.9	98	0.00
4	M	Vinyl Chloride	20.000	21.969	-9.8	101	0.00
5	M	Bromomethane	20.000	22.486	-12.4	105	0.00
6	M	Chloroethane	20.000	21.815	-9.1	100	0.00
7	M	Trichlorofluoromethane	20.000	16.914	15.4	79	0.00
8	T	Diethyl Ether	20.000	20.365	-1.8	99	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.583	-2.9	97	0.00
10	M	1,1-Dichloroethene	20.000	20.251	-1.3	98	0.00
11		Methyl Iodide	20.000	20.624	-3.1	103	0.00
12		Methyl Acetate	20.000	21.446	-7.2	103	0.00
13	M	Acrolein	100.000	91.982	8.0	92	0.00
14	M	Acrylonitrile	100.000	104.402	-4.4	98	0.00
15	M	Acetone	100.000	94.901	5.1	88	0.00
16	M	Carbon Disulfide	20.000	21.967	-9.8	95	0.00
17		Allyl chloride	20.000	20.375	-1.9	96	0.00
18	M	Methylene Chloride	20.000	20.274	-1.4	101	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.651	1.7	97	0.00
20	T	Diisopropyl ether	20.000	20.246	-1.2	96	0.00
21	M	1,1-Dichloroethane	20.000	20.505	-2.5	97	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.784	1.1	95	0.00
23	M	tert-Butyl Alcohol	100.000	101.432	-1.4	93	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.531	-2.7	99	0.00
25	M	Chloroform	20.000	20.218	-1.1	97	0.00
26		Cyclohexane	20.000	20.338	-1.7	96	0.00
27	s	1,2-Dichloroethane-d4	30.000	32.017	-6.7	100	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29		1,1-Dichloropropene	20.000	19.088	4.6	95	0.00
30	M	2-Butanone	100.000	97.764	2.2	96	0.00
31		2,2-Dichloropropane	20.000	18.083	9.6	92	0.00
32	M	1,1,1-Trichloroethane	20.000	19.465	2.7	99	0.00
33	M	Carbon Tetrachloride	20.000	18.580	7.1	97	0.00
34	M	Benzene	20.000	19.255	3.7	96	0.00
35		Methacrylonitrile	20.000	18.901	5.5	76	0.00
36	M	1,2-Dichloroethane	20.000	19.782	1.1	98	0.00
37	M	Trichloroethene	20.000	19.581	2.1	100	0.00
38		Methylcyclohexane	20.000	18.612	6.9	93	0.00
39	M	1,2-Dichloropropane	20.000	19.362	3.2	95	0.00
40		Dibromomethane	20.000	19.731	1.3	101	0.00
41	M	Bromodichloromethane	20.000	19.144	4.3	96	0.00
42	M	Vinyl Acetate	100.000	98.100	1.9	98	0.00
43		Ethyl Acetate	20.000	19.907	0.5	92	0.00
44		Isopropyl Acetate	20.000	19.678	1.6	97	0.00
45	T	1,4-Dioxane	400.000	415.702	-3.9	106	0.00

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Max. RRF Dev : 30% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.657	1.7	97	0.00
47		n-amyl Acetate	20.000	19.522	2.4	98	0.00
48	M	t-1,3-Dichloropropene	20.000	18.833	5.8	95	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.640	6.8	95	0.00
50	M	1,1,2-Trichloroethane	20.000	19.544	2.3	100	0.00
51		Ethyl methacrylate	20.000	19.331	3.3	98	0.00
52		1,3-Dichloropropane	20.000	19.666	1.7	97	0.00
53	M	Dibromochloromethane	20.000	18.510	7.4	95	0.00
54	M	1,2-Dibromoethane	20.000	19.032	4.8	97	0.00
55	M	2-Chloroethyl vinyl ether	100.000	98.835	1.2	101	0.00
56	M	Bromoform	20.000	18.202	9.0	96	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	100.000	103.078	-3.1	99	0.00
59	M	2-Hexanone	100.000	102.790	-2.8	99	0.00
60	S	4-Bromofluorobenzene	30.000	29.461	1.8	97	0.00
61	M	Tetrachloroethene	20.000	19.175	4.1	95	0.00
62	M	Toluene	20.000	19.488	2.6	96	0.00
63	S	Toluene-d8	30.000	30.193	-0.6	96	0.00
64	M	Chlorobenzene	20.000	19.495	2.5	97	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.167	4.2	95	0.00
66	M	Ethyl Benzene	20.000	19.604	2.0	98	0.00
67	M	m/p-Xylenes	40.000	38.706	3.2	97	0.00
68	M	o-Xylene	20.000	19.700	1.5	98	0.00
69	M	Styrene	20.000	18.910	5.4	97	0.00
70		Isopropylbenzene	20.000	19.167	4.2	96	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.642	1.8	96	0.00
72		1,2,3-Trichloropropane	20.000	19.500	2.5	92	0.00
73		Bromobenzene	20.000	18.730	6.3	96	0.00
74		n-propylbenzene	20.000	19.068	4.7	96	0.00
75		2-Chlorotoluene	20.000	19.247	3.8	96	0.00
76		1,3,5-Trimethylbenzene	20.000	18.994	5.0	96	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.014	9.9	92	0.00
78		4-Chlorotoluene	20.000	18.982	5.1	96	0.00
79		tert-butylbenzene	20.000	19.195	4.0	96	0.00
80		1,2,4-Trimethylbenzene	20.000	19.175	4.1	98	0.00
81		sec-Butylbenzene	20.000	19.372	3.1	97	0.00
82		p-Isopropyltoluene	20.000	18.916	5.4	96	0.00
83	M	1,3-Dichlorobenzene	20.000	18.573	7.1	97	0.00
84	M	1,4-Dichlorobenzene	20.000	18.593	7.0	95	0.00
85		n-Butylbenzene	20.000	18.515	7.4	94	0.00
86	T	Hexachloroethane	20.000	18.290	8.6	96	0.00
87	M	1,2-Dichlorobenzene	20.000	18.727	6.4	94	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.819	0.9	94	0.00
89		1,2,4-Trichlorobenzene	20.000	18.627	6.9	94	0.00
90		Hexachlorobutadiene	20.000	18.519	7.4	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.122	4.4	98	0.00
92	1,2,3-Trichlorobenzene	20.000	18.620	6.9	95	0.00

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