Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060819\
Data File : VN056099.D
Acq On : 7 Jun 2019 14:56
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jun 08 05:27:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	30.000	30.000	0.0	92	0.00
2	M	Dichlorodifluoromethane	20.000	23.287	-16.4	101	0.00
3	M	Chloromethane	20.000	22.136	-10.7	102	0.00
4	M	Vinyl Chloride	20.000	21.682	-8.4	97	0.00
5	M	Bromomethane	20.000	22.767	-13.8	99	0.00
6	M	Chloroethane	20.000	21.604	-8.0	94	0.00
7	M	Trichlorofluoromethane	20.000	20.990	-4.9	95	0.00
8	T	Diethyl Ether	20.000	20.532	-2.7	94	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.201	-6.0	96	0.00
10	M	1,1-Dichloroethene	20.000	21.074	-5.4	97	0.00
11		Methyl Iodide	20.000	19.111	4.4	90	0.00
12		Methyl Acetate	20.000	21.232	-6.2	99	0.00
13	M	Acrolein	100.000	108.735	-8.7	105	0.00
14	M	Acrylonitrile	100.000	108.773	-8.8	101	0.00
15	M	Acetone	100.000	98.387	1.6	84	0.00
16	M	Carbon Disulfide	20.000	19.351	3.2	95	0.00
17		Allyl chloride	20.000	20.678	-3.4	98	0.00
18	M	Methylene Chloride	20.000	21.558	-7.8	100	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.897	-4.5	95	0.00
20	T	Diisopropyl ether	20.000	21.422	-7.1	98	0.00
21	M	1,1-Dichloroethane	20.000	21.325	-6.6	98	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.957	-4.8	96	0.00
23	M	tert-Butyl Alcohol	100.000	94.292	5.7	90	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.948	-4.7	96	0.00
25	M	Chloroform	20.000	21.323	-6.6	98	0.00
26		Cyclohexane	20.000	21.113	-5.6	97	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.544	-1.8	93	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29		1,1-Dichloropropene	20.000	20.996	-5.0	97	0.00
30	M	2-Butanone	100.000	105.992	-6.0	95	0.00
31		2,2-Dichloropropane	20.000	19.924	0.4	91	0.00
32	M	1,1,1-Trichloroethane	20.000	20.717	-3.6	95	0.00
33	M	Carbon Tetrachloride	20.000	20.411	-2.1	96	0.00
34	M	Benzene	20.000	21.577	-7.9	98	0.00
35		Methacrylonitrile	20.000	24.583	-22.9	100	0.00
36	M	1,2-Dichloroethane	20.000	21.573	-7.9	99	0.00
37	M	Trichloroethene	20.000	21.314	-6.6	96	0.00
38		Methylcyclohexane	20.000	21.143	-5.7	99	0.00
39	M	1,2-Dichloropropane	20.000	21.855	-9.3	99	0.00
40		Dibromomethane	20.000	21.322	-6.6	98	0.00
41	M	Bromodichloromethane	20.000	20.350	-1.8	96	0.00
42	M	Vinyl Acetate	100.000	107.632	-7.6	99	0.00
43		Ethyl Acetate	20.000	21.844	-9.2	100	0.00
44		Isopropyl Acetate	20.000	21.133	-5.7	100	0.00
45	T	1,4-Dioxane	400.000	405.262	-1.3	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	21.198	-6.0	104	0.00
47		n-amyl Acetate	20.000	20.465	-2.3	98	0.00
48	M	t-1,3-Dichloropropene	20.000	19.086	4.6	94	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.156	-0.8	95	0.00
50	M	1,1,2-Trichloroethane	20.000	21.396	-7.0	98	0.00
51		Ethyl methacrylate	20.000	20.561	-2.8	98	0.00
52		1,3-Dichloropropane	20.000	21.598	-8.0	98	0.00
53	M	Dibromochloromethane	20.000	20.186	-0.9	101	0.00
54	M	1,2-Dibromoethane	20.000	20.933	-4.7	98	0.00
55	M	2-Chloroethyl vinyl ether	100.000	100.756	-0.8	99	0.00
56	M	Bromoform	20.000	18.598	7.0	97	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58	M	4-Methyl-2-Pentanone	100.000	108.784	-8.8	101	0.00
59	M	2-Hexanone	100.000	106.170	-6.2	98	0.00
60	S	4-Bromofluorobenzene	30.000	29.412	2.0	93	0.00
61	M	Tetrachloroethene	20.000	21.734	-8.7	98	0.00
62	M	Toluene	20.000	21.233	-6.2	98	0.00
63	S	Toluene-d8	30.000	30.170	-0.6	91	0.00
64	M	Chlorobenzene	20.000	21.007	-5.0	98	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.387	-1.9	96	0.00
66	M	Ethyl Benzene	20.000	21.058	-5.3	97	0.00
67	M	m/p-Xylenes	40.000	42.183	-5.5	98	0.00
68	M	o-Xylene	20.000	21.277	-6.4	98	0.00
69	M	Styrene	20.000	20.583	-2.9	98	0.00
70		Isopropylbenzene	20.000	21.482	-7.4	99	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	21.414	-7.1	98	0.00
72		1,2,3-Trichloropropane	20.000	21.337	-6.7	99	0.00
73		Bromobenzene	20.000	21.096	-5.5	100	0.00
74		n-propylbenzene	20.000	21.214	-6.1	101	0.00
75		2-Chlorotoluene	20.000	21.216	-6.1	100	0.00
76		1,3,5-Trimethylbenzene	20.000	21.229	-6.1	99	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.481	12.6	94	0.00
78		4-Chlorotoluene	20.000	20.553	-2.8	100	0.00
79		tert-butylbenzene	20.000	21.435	-7.2	100	0.00
80		1,2,4-Trimethylbenzene	20.000	20.937	-4.7	99	0.00
81		sec-Butylbenzene	20.000	21.107	-5.5	99	0.00
82		p-Isopropyltoluene	20.000	20.937	-4.7	100	0.00
83	M	1,3-Dichlorobenzene	20.000	20.412	-2.1	100	0.00
84	M	1,4-Dichlorobenzene	20.000	19.505	2.5	100	0.00
85		n-Butylbenzene	20.000	19.655	1.7	102	0.00
86	T	Hexachloroethane	20.000	18.792	6.0	94	0.00
87	M	1,2-Dichlorobenzene	20.000	20.618	-3.1	100	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	18.770	6.2	98	0.00
89		1,2,4-Trichlorobenzene	20.000	20.773	-3.9	104	0.00
90		Hexachlorobutadiene	20.000	21.285	-6.4	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.430	7.9	108	0.00
92	1,2,3-Trichlorobenzene	20.000	19.328	3.4	107	0.00

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