Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060619\
Data File : VN056029.D
Acq On : 6 Jun 2019 1:33
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
LabSampleId : VSTDCCC020

Quant Time: Jun 06 04:53:08 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	96	0.00
2	M	Dichlorodifluoromethane	20.000	21.448	-7.2	97	0.00
3	M	Chloromethane	20.000	20.846	-4.2	100	0.00
4	M	Vinyl Chloride	20.000	20.827	-4.1	97	0.00
5	M	Bromomethane	20.000	21.675	-8.4	98	0.00
6	M	Chloroethane	20.000	21.959	-9.8	100	0.00
7	M	Trichlorofluoromethane	20.000	20.255	-1.3	95	0.00
8	T	Diethyl Ether	20.000	19.904	0.5	95	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.434	-2.2	97	0.00
10	M	1,1-Dichloroethene	20.000	20.003	-0.0	96	0.00
11		Methyl Iodide	20.000	17.890	10.5	88	0.00
12		Methyl Acetate	20.000	20.012	-0.1	97	0.00
13	M	Acrolein	100.000	99.371	0.6	100	0.00
14	M	Acrylonitrile	100.000	100.703	-0.7	97	0.00
15	M	Acetone	100.000	85.627	14.4	76	0.00
16	M	Carbon Disulfide	20.000	18.928	5.4	97	0.00
17		Allyl chloride	20.000	19.627	1.9	97	0.00
18	M	Methylene Chloride	20.000	20.519	-2.6	99	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.283	-1.4	96	0.00
20	T	Diisopropyl ether	20.000	20.425	-2.1	97	0.00
21	M	1,1-Dichloroethane	20.000	20.331	-1.7	98	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.400	-2.0	97	0.00
23	M	tert-Butyl Alcohol	100.000	94.864	5.1	94	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.380	-1.9	98	0.00
25	M	Chloroform	20.000	20.577	-2.9	98	0.00
26		Cyclohexane	20.000	20.059	-0.3	96	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.141	-0.5	95	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29		1,1-Dichloropropene	20.000	20.451	-2.3	98	0.00
30	M	2-Butanone	100.000	95.834	4.2	90	0.00
31		2,2-Dichloropropane	20.000	15.886	20.6	76	0.00
32	M	1,1,1-Trichloroethane	20.000	20.122	-0.6	97	0.00
33	M	Carbon Tetrachloride	20.000	19.397	3.0	95	0.00
34	M	Benzene	20.000	20.477	-2.4	98	0.00
35		Methacrylonitrile	20.000	23.228	-16.1	99	0.00
36	M	1,2-Dichloroethane	20.000	20.783	-3.9	100	0.00
37	M	Trichloroethene	20.000	20.157	-0.8	95	0.00
38		Methylcyclohexane	20.000	19.521	2.4	96	0.00
39	M	1,2-Dichloropropane	20.000	20.780	-3.9	98	0.00
40		Dibromomethane	20.000	20.303	-1.5	97	0.00
41	M	Bromodichloromethane	20.000	19.654	1.7	97	0.00
42	M	Vinyl Acetate	100.000	100.531	-0.5	97	0.00
43		Ethyl Acetate	20.000	20.149	-0.7	96	0.00
44		Isopropyl Acetate	20.000	19.689	1.6	98	0.00
45	T	1,4-Dioxane	400.000	390.382	2.4	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.314	3.4	99	0.00
47		n-amyl Acetate	20.000	19.416	2.9	97	0.00
48	M	t-1,3-Dichloropropene	20.000	18.034	9.8	93	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.851	5.7	93	0.00
50	M	1,1,2-Trichloroethane	20.000	20.086	-0.4	96	0.00
51		Ethyl methacrylate	20.000	19.860	0.7	99	0.00
52		1,3-Dichloropropane	20.000	20.370	-1.9	97	0.00
53	M	Dibromochloromethane	20.000	19.141	4.3	100	0.00
54	M	1,2-Dibromoethane	20.000	19.916	0.4	97	0.00
55	M	2-Chloroethyl vinyl ether	100.000	90.709	9.3	93	0.00
56	M	Bromoform	20.000	17.785	11.1	97	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	100.000	102.609	-2.6	99	0.00
59	M	2-Hexanone	100.000	99.419	0.6	96	0.00
60	S	4-Bromofluorobenzene	30.000	29.186	2.7	96	0.00
61	M	Tetrachloroethene	20.000	21.350	-6.8	100	0.00
62	M	Toluene	20.000	20.390	-2.0	98	0.00
63	S	Toluene-d8	30.000	30.409	-1.4	95	0.00
64	M	Chlorobenzene	20.000	20.195	-1.0	98	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.691	1.5	96	0.00
66	M	Ethyl Benzene	20.000	20.083	-0.4	96	0.00
67	M	m/p-Xylenes	40.000	40.823	-2.1	98	0.00
68	M	o-Xylene	20.000	20.707	-3.5	99	0.00
69	M	Styrene	20.000	19.901	0.5	98	0.00
70		Isopropylbenzene	20.000	20.602	-3.0	99	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.293	-1.5	96	0.00
72		1,2,3-Trichloropropane	20.000	21.155	-5.8	102	0.00
73		Bromobenzene	20.000	20.163	-0.8	99	0.00
74		n-propylbenzene	20.000	19.990	0.1	99	0.00
75		2-Chlorotoluene	20.000	20.211	-1.1	99	0.00
76		1,3,5-Trimethylbenzene	20.000	20.254	-1.3	98	0.00
77		t-1,4-Dichloro-2-butene	20.000	15.868	20.7	89	0.00
78		4-Chlorotoluene	20.000	19.805	1.0	101	0.00
79		tert-butylbenzene	20.000	20.479	-2.4	99	0.00
80		1,2,4-Trimethylbenzene	20.000	20.004	-0.0	98	0.00
81		sec-Butylbenzene	20.000	20.323	-1.6	99	0.00
82		p-Isopropyltoluene	20.000	19.809	1.0	98	0.00
83	M	1,3-Dichlorobenzene	20.000	19.323	3.4	99	0.00
84	M	1,4-Dichlorobenzene	20.000	18.426	7.9	98	0.00
85		n-Butylbenzene	20.000	17.924	10.4	97	0.00
86	T	Hexachloroethane	20.000	18.173	9.1	94	0.00
87	M	1,2-Dichlorobenzene	20.000	19.371	3.1	98	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.450	12.8	95	0.00
89		1,2,4-Trichlorobenzene	20.000	18.919	5.4	92	0.00
90		Hexachlorobutadiene	20.000	18.993	5.0	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.886	20.6	97	0.00
92	1,2,3-Trichlorobenzene	20.000	16.868	15.7	97	0.00

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