Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX022018\
Data File : VX000118.D
Acq On : 20 Feb 2018 20:03
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Feb 21 06:40:26 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
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	100	0.00
2	M	Dichlorodifluoromethane	20.000	20.996	-5.0	107	0.00
3	M	Chloromethane	20.000	20.961	-4.8	104	0.00
4	M	Vinyl Chloride	20.000	21.051	-5.3	105	0.00
5	M	Bromomethane	20.000	18.144	9.3	93	0.00
6	M	Chloroethane	20.000	22.218	-11.1	113	0.00
7	M	Trichlorofluoromethane	20.000	21.264	-6.3	108	0.00
8	T	Diethyl Ether	20.000	21.517	-7.6	104	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	21.547	-7.7	108	0.00
10	M	1,1-Dichloroethene	20.000	21.478	-7.4	107	0.00
11		Methyl Iodide	20.000	22.748	-13.7	137	0.00
12		Methyl Acetate	20.000	21.972	-9.9	110	0.00
13	M	Acrolein	100.000	92.189	7.8	97	0.00
14	M	Acrylonitrile	100.000	104.601	-4.6	104	0.00
15	M	Acetone	100.000	99.620	0.4	95	0.00
16	M	Carbon Disulfide	20.000	20.722	-3.6	105	0.00
17		Allyl chloride	20.000	20.769	-3.8	105	0.00
18	M	Methylene Chloride	20.000	21.525	-7.6	110	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.166	-5.8	107	0.00
20	T	Diisopropyl ether	20.000	20.612	-3.1	108	0.00
21	M	1,1-Dichloroethane	20.000	17.493	12.5	85	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.715	-3.6	105	0.00
23	M	tert-Butyl Alcohol	100.000	106.015	-6.0	103	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.614	-8.1	109	0.00
25	M	Chloroform	20.000	20.581	-2.9	104	0.00
26		Cyclohexane	20.000	21.200	-6.0	108	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.647	-2.2	103	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29		1,1-Dichloropropene	20.000	20.476	-2.4	104	0.00
30	M	2-Butanone	100.000	105.090	-5.1	102	0.00
31		2,2-Dichloropropane	20.000	19.230	3.8	97	0.00
32	M	1,1,1-Trichloroethane	20.000	20.914	-4.6	105	0.00
33	M	Carbon Tetrachloride	20.000	20.654	-3.3	104	0.00
34	M	Benzene	20.000	20.826	-4.1	104	0.00
35		Methacrylonitrile	20.000	20.644	-3.2	104	0.00
36	M	1,2-Dichloroethane	20.000	20.931	-4.7	105	0.00
37	M	Trichloroethene	20.000	20.350	-1.8	101	0.00
38		Methylcyclohexane	20.000	20.043	-0.2	103	0.00
39	M	1,2-Dichloropropane	20.000	20.829	-4.1	103	0.00
40		Dibromomethane	20.000	21.422	-7.1	108	0.00
41	M	Bromodichloromethane	20.000	20.292	-1.5	101	0.00
42	M	Vinyl Acetate	100.000	100.480	-0.5	104	0.00
43		Ethyl Acetate	20.000	21.030	-5.2	103	0.00
44		Isopropyl Acetate	20.000	20.935	-4.7	105	0.00
45	T	1,4-Dioxane	400.000	406.291	-1.6	104	0.00

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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)
46		Methyl methacrylate	20.000	21.444	-7.2	108	0.00
47		n-amyl Acetate	20.000	20.824	-4.1	106	0.00
48	M	t-1,3-Dichloropropene	20.000	20.479	-2.4	101	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.546	-2.7	102	0.00
50	M	1,1,2-Trichloroethane	20.000	20.420	-2.1	105	0.00
51		Ethyl methacrylate	20.000	20.001	-0.0	103	0.00
52		1,3-Dichloropropane	20.000	20.786	-3.9	103	0.00
53	M	Dibromochloromethane	20.000	20.782	-3.9	105	0.00
54	M	1,2-Dibromoethane	20.000	20.255	-1.3	102	0.00
55	M	2-Chloroethyl vinyl ether	100.000	111.086	-11.1	98	0.00
56	M	Bromoform	20.000	18.906	5.5	97	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	100.000	106.493	-6.5	106	0.00
59	M	2-Hexanone	100.000	104.556	-4.6	103	0.00
60	S	4-Bromofluorobenzene	30.000	30.096	-0.3	103	0.00
61	M	Tetrachloroethene	20.000	20.430	-2.1	104	0.00
62	M	Toluene	20.000	20.825	-4.1	105	0.00
63	S	Toluene-d8	30.000	29.989	0.0	102	0.00
64	M	Chlorobenzene	20.000	20.708	-3.5	106	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.255	-1.3	103	0.00
66	M	Ethyl Benzene	20.000	20.510	-2.6	103	0.00
67	M	m/p-Xylenes	40.000	41.234	-3.1	106	0.00
68	M	o-Xylene	20.000	20.379	-1.9	103	0.00
69	M	Styrene	20.000	20.510	-2.6	104	0.00
70		Isopropylbenzene	20.000	20.267	-1.3	103	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.895	-4.5	106	0.00
72		1,2,3-Trichloropropane	20.000	20.664	-3.3	102	0.00
73		Bromobenzene	20.000	20.208	-1.0	104	0.00
74		n-propylbenzene	20.000	20.585	-2.9	104	0.00
75		2-Chlorotoluene	20.000	20.398	-2.0	102	0.00
76		1,3,5-Trimethylbenzene	20.000	20.728	-3.6	105	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.291	3.5	96	0.00
78		4-Chlorotoluene	20.000	20.856	-4.3	106	0.00
79		tert-butylbenzene	20.000	20.652	-3.3	104	0.00
80		1,2,4-Trimethylbenzene	20.000	20.993	-5.0	105	0.00
81		sec-Butylbenzene	20.000	20.941	-4.7	105	0.00
82		p-Isopropyltoluene	20.000	20.739	-3.7	104	0.00
83	M	1,3-Dichlorobenzene	20.000	20.893	-4.5	106	0.00
84	M	1,4-Dichlorobenzene	20.000	20.219	-1.1	104	0.00
85		n-Butylbenzene	20.000	20.710	-3.6	104	0.00
86	T	Hexachloroethane	20.000	20.017	-0.1	102	0.00
87	M	1,2-Dichlorobenzene	20.000	20.541	-2.7	103	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.993	-5.0	107	0.00
89		1,2,4-Trichlorobenzene	20.000	19.710	1.4	102	0.00
90		Hexachlorobutadiene	20.000	19.221	3.9	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.661	-3.3	104	0.00
92	1,2,3-Trichlorobenzene	20.000	19.848	0.8	101	0.00

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