Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112719\
Data File : VX013652.D
Acq On : 27 Nov 2019 15:00
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Nov 29 04:32:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 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	20.566	-2.8	98	0.00
3	M	Chloromethane	20.000	20.448	-2.2	98	0.00
4	M	Vinyl Chloride	20.000	20.647	-3.2	100	0.00
5	M	Bromomethane	20.000	18.941	5.3	103	0.00
6	M	Chloroethane	20.000	21.762	-8.8	108	0.00
7	M	Trichlorofluoromethane	20.000	20.587	-2.9	102	0.00
8	T	Diethyl Ether	20.000	20.322	-1.6	102	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.700	-3.5	102	0.00
10	M	1,1-Dichloroethene	20.000	20.072	-0.4	100	0.00
11		Methyl Iodide	20.000	19.217	3.9	102	0.00
12		Methyl Acetate	20.000	20.880	-4.4	103	0.00
13	M	Acrolein	100.000	83.658	16.3	83	0.00
14	M	Acrylonitrile	100.000	101.055	-1.1	101	0.00
15	M	Acetone	100.000	107.148	-7.1	94	0.00
16	M	Carbon Disulfide	20.000	18.926	5.4	96	0.00
17		Allyl chloride	20.000	19.584	2.1	97	0.00
18	M	Methylene Chloride	20.000	20.373	-1.9	104	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.444	-2.2	103	0.00
20	T	Diisopropyl ether	20.000	20.707	-3.5	104	0.00
21	M	1,1-Dichloroethane	20.000	20.373	-1.9	102	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.646	-3.2	104	0.00
23	M	tert-Butyl Alcohol	100.000	95.535	4.5	100	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.481	-2.4	102	0.00
25	M	Chloroform	20.000	20.818	-4.1	104	0.00
26		Cyclohexane	20.000	20.228	-1.1	103	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.234	2.6	93	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29		1,1-Dichloropropene	20.000	20.505	-2.5	104	0.00
30	M	2-Butanone	100.000	104.037	-4.0	98	0.00
31		2,2-Dichloropropane	20.000	19.800	1.0	97	0.00
32	M	1,1,1-Trichloroethane	20.000	20.795	-4.0	103	0.00
33	M	Carbon Tetrachloride	20.000	20.152	-0.8	99	0.00
34	M	Benzene	20.000	20.972	-4.9	103	0.00
35		Methacrylonitrile	20.000	20.487	-2.4	100	0.00
36	M	1,2-Dichloroethane	20.000	21.001	-5.0	103	0.00
37	M	Trichloroethene	20.000	21.148	-5.7	106	0.00
38		Methylcyclohexane	20.000	20.671	-3.4	103	0.00
39	M	1,2-Dichloropropane	20.000	20.325	-1.6	101	0.00
40		Dibromomethane	20.000	20.495	-2.5	101	0.00
41	M	Bromodichloromethane	20.000	20.211	-1.1	99	0.00
42	M	Vinyl Acetate	100.000	102.122	-2.1	101	0.00
43		Ethyl Acetate	20.000	21.060	-5.3	102	0.00
44		Isopropyl Acetate	20.000	20.392	-2.0	102	0.00
45	T	1,4-Dioxane	400.000	409.115	-2.3	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	19.794	1.0	101	0.00
47		n-amyl Acetate	20.000	19.655	1.7	101	0.00
48	M	t-1,3-Dichloropropene	20.000	19.517	2.4	101	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.928	0.4	100	0.00
50	M	1,1,2-Trichloroethane	20.000	20.550	-2.8	100	0.00
51		Ethyl methacrylate	20.000	20.170	-0.9	104	0.00
52		1,3-Dichloropropane	20.000	20.718	-3.6	101	0.00
53	M	Dibromochloromethane	20.000	19.795	1.0	101	0.00
54	M	1,2-Dibromoethane	20.000	20.651	-3.3	101	0.00
55	M	2-Chloroethyl vinyl ether	100.000	88.666	11.3	86	0.00
56	M	Bromoform	20.000	19.482	2.6	103	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58	M	4-Methyl-2-Pentanone	100.000	104.661	-4.7	102	0.00
59	M	2-Hexanone	100.000	102.508	-2.5	99	0.00
60	S	4-Bromofluorobenzene	30.000	29.341	2.2	94	0.00
61	M	Tetrachloroethene	20.000	21.443	-7.2	107	0.00
62	M	Toluene	20.000	21.048	-5.2	102	0.00
63	S	Toluene-d8	30.000	30.041	-0.1	94	0.00
64	M	Chlorobenzene	20.000	21.084	-5.4	105	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.583	-2.9	103	0.00
66	M	Ethyl Benzene	20.000	20.886	-4.4	103	0.00
67	M	m/p-Xylenes	40.000	41.386	-3.5	103	0.00
68	M	o-Xylene	20.000	20.823	-4.1	105	0.00
69	M	Styrene	20.000	20.786	-3.9	104	0.00
70		Isopropylbenzene	20.000	20.946	-4.7	103	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.699	-3.5	102	0.00
72		1,2,3-Trichloropropane	20.000	19.423	2.9	103	0.00
73		Bromobenzene	20.000	20.518	-2.6	103	0.00
74		n-propylbenzene	20.000	20.710	-3.6	103	0.00
75		2-Chlorotoluene	20.000	20.682	-3.4	103	0.00
76		1,3,5-Trimethylbenzene	20.000	20.918	-4.6	104	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.375	8.1	97	0.00
78		4-Chlorotoluene	20.000	20.316	-1.6	103	0.00
79		tert-butylbenzene	20.000	20.729	-3.6	103	0.00
80		1,2,4-Trimethylbenzene	20.000	20.597	-3.0	103	0.00
81		sec-Butylbenzene	20.000	20.657	-3.3	104	0.00
82		p-Isopropyltoluene	20.000	20.549	-2.7	103	0.00
83	M	1,3-Dichlorobenzene	20.000	20.475	-2.4	105	0.00
84	M	1,4-Dichlorobenzene	20.000	20.544	-2.7	106	0.00
85		n-Butylbenzene	20.000	19.840	0.8	103	0.00
86	T	Hexachloroethane	20.000	18.873	5.6	100	0.00
87	M	1,2-Dichlorobenzene	20.000	20.359	-1.8	103	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.483	2.6	102	0.00
89		1,2,4-Trichlorobenzene	20.000	19.751	1.2	103	0.00
90		Hexachlorobutadiene	20.000	19.496	2.5	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.774	1.1	101	0.00
92	1,2,3-Trichlorobenzene	20.000	19.789	1.1	101	0.00

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