Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX123019\
Data File : VX014368.D
Acq On : 30 Dec 2019 20:49
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Dec 31 03:56:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 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	94	0.00
2	M	Dichlorodifluoromethane	20.000	18.896	5.5	92	0.00
3	M	Chloromethane	20.000	19.299	3.5	90	0.00
4	M	Vinyl Chloride	20.000	19.527	2.4	94	0.00
5	M	Bromomethane	20.000	14.318	28.4	71	0.00
6	M	Chloroethane	20.000	21.453	-7.3	105	0.01
7	M	Trichlorofluoromethane	20.000	20.256	-1.3	97	0.00
8	T	Diethyl Ether	20.000	20.619	-3.1	99	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	20.566	-2.8	100	0.00
10	M	1,1-Dichloroethene	20.000	20.089	-0.4	98	0.00
11		Methyl Iodide	20.000	13.211	33.9#	68	0.00
12		Methyl Acetate	20.000	21.927	-9.6	104	0.00
13	M	Acrolein	100.000	106.075	-6.1	94	0.00
14	M	Acrylonitrile	100.000	109.205	-9.2	106	0.00
15	M	Acetone	100.000	108.243	-8.2	107	0.00
16	M	Carbon Disulfide	20.000	20.422	-2.1	102	0.00
17		Allyl chloride	20.000	21.005	-5.0	101	0.00
18	M	Methylene Chloride	20.000	19.943	0.3	96	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.387	-1.9	99	0.00
20	T	Diisopropyl ether	20.000	20.927	-4.6	99	0.00
21	M	1,1-Dichloroethane	20.000	20.178	-0.9	97	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.878	0.6	96	0.00
23	M	tert-Butyl Alcohol	100.000	115.589	-15.6	111	-0.02
24	M	Methyl tert-Butyl Ether	20.000	20.248	-1.2	97	0.00
25	M	Chloroform	20.000	20.677	-3.4	98	0.00
26		Cyclohexane	20.000	20.454	-2.3	97	0.00
27	s	1,2-Dichloroethane-d4	30.000	29.534	1.6	92	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29		1,1-Dichloropropene	20.000	20.670	-3.4	100	0.00
30	M	2-Butanone	100.000	108.710	-8.7	105	0.00
31		2,2-Dichloropropane	20.000	21.353	-6.8	102	0.00
32	M	1,1,1-Trichloroethane	20.000	20.242	-1.2	99	0.00
33	M	Carbon Tetrachloride	20.000	20.157	-0.8	98	0.00
34	M	Benzene	20.000	20.670	-3.4	98	0.00
35		Methacrylonitrile	20.000	21.057	-5.3	99	0.00
36	M	1,2-Dichloroethane	20.000	20.409	-2.0	100	0.00
37	M	Trichloroethene	20.000	20.231	-1.2	98	0.00
38		Methylcyclohexane	20.000	20.799	-4.0	101	0.00
39	M	1,2-Dichloropropane	20.000	20.533	-2.7	98	0.00
40		Dibromomethane	20.000	20.636	-3.2	99	0.00
41	M	Bromodichloromethane	20.000	20.504	-2.5	101	0.00
42	M	Vinyl Acetate	100.000	107.808	-7.8	101	0.00
43		Ethyl Acetate	20.000	22.292	-11.5	107	0.00
44		Isopropyl Acetate	20.000	20.755	-3.8	102	0.00
45	T	1,4-Dioxane	400.000	442.089	-10.5	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46		Methyl methacrylate	20.000	20.947	-4.7	102	0.00
47		n-amyl Acetate	20.000	19.487	2.6	97	0.00
48	M	t-1,3-Dichloropropene	20.000	20.051	-0.3	103	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.224	-1.1	101	0.00
50	M	1,1,2-Trichloroethane	20.000	20.822	-4.1	99	0.00
51		Ethyl methacrylate	20.000	20.044	-0.2	99	0.00
52		1,3-Dichloropropane	20.000	20.449	-2.2	97	0.00
53	M	Dibromochloromethane	20.000	20.055	-0.3	100	0.00
54	M	1,2-Dibromoethane	20.000	20.344	-1.7	99	0.00
55	M	2-Chloroethyl vinyl ether	100.000	98.113	1.9	94	0.00
56	M	Bromoform	20.000	19.346	3.3	101	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58	M	4-Methyl-2-Pentanone	100.000	106.369	-6.4	102	0.00
59	M	2-Hexanone	100.000	106.065	-6.1	103	0.00
60	S	4-Bromofluorobenzene	30.000	29.676	1.1	94	0.00
61	M	Tetrachloroethene	20.000	20.563	-2.8	103	0.00
62	M	Toluene	20.000	20.325	-1.6	97	0.00
63	S	Toluene-d8	30.000	30.262	-0.9	93	0.00
64	M	Chlorobenzene	20.000	20.050	-0.3	96	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.777	1.1	98	0.00
66	M	Ethyl Benzene	20.000	20.082	-0.4	97	0.00
67	M	m/p-Xylenes	40.000	40.005	-0.0	96	0.00
68	M	o-Xylene	20.000	19.600	2.0	95	0.00
69	M	Styrene	20.000	19.330	3.4	96	0.00
70		Isopropylbenzene	20.000	20.008	-0.0	97	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	19.718	1.4	95	0.00
72		1,2,3-Trichloropropane	20.000	20.739	-3.7	99	0.00
73		Bromobenzene	20.000	19.498	2.5	96	0.00
74		n-propylbenzene	20.000	19.992	0.0	98	0.00
75		2-Chlorotoluene	20.000	19.849	0.8	96	0.00
76		1,3,5-Trimethylbenzene	20.000	19.781	1.1	96	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.600	2.0	106	0.00
78		4-Chlorotoluene	20.000	19.496	2.5	95	0.00
79		tert-butylbenzene	20.000	19.245	3.8	94	0.00
80		1,2,4-Trimethylbenzene	20.000	19.624	1.9	96	0.00
81		sec-Butylbenzene	20.000	19.750	1.3	97	0.00
82		p-Isopropyltoluene	20.000	19.697	1.5	98	0.00
83	M	1,3-Dichlorobenzene	20.000	19.703	1.5	99	0.00
84	M	1,4-Dichlorobenzene	20.000	19.253	3.7	96	0.00
85		n-Butylbenzene	20.000	19.866	0.7	103	0.00
86	T	Hexachloroethane	20.000	18.752	6.2	100	0.00
87	M	1,2-Dichlorobenzene	20.000	19.407	3.0	97	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	20.559	-2.8	102	0.00
89		1,2,4-Trichlorobenzene	20.000	19.373	3.1	102	0.00
90		Hexachlorobutadiene	20.000	20.116	-0.6	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.366	-1.8	106	0.00
92	1,2,3-Trichlorobenzene	20.000	19.708	1.5	103	0.00

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