Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012519\
Data File : VX007228.D
Acq On : 25 Jan 2019 14:32
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Jan 28 11:05:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 28 10:35:22 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	99	0.00
2	M	Dichlorodifluoromethane	20.000	18.761	6.2	104	0.00
3	M	Chloromethane	20.000	20.349	-1.7	106	0.00
4	M	Vinyl Chloride	20.000	19.859	0.7	104	0.00
5	M	Bromomethane	20.000	18.039	9.8	95	0.00
6	M	Chloroethane	20.000	19.707	1.5	106	0.00
7	M	Trichlorofluoromethane	20.000	19.168	4.2	102	0.00
8	T	Diethyl Ether	20.000	20.271	-1.4	106	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.606	2.0	105	0.00
10	M	1,1-Dichloroethene	20.000	19.567	2.2	103	0.00
11		Methyl Iodide	20.000	17.981	10.1	96	0.00
12		Methyl Acetate	20.000	20.745	-3.7	108	0.00
13	M	Acrolein	100.000	94.561	5.4	107	0.00
14	M	Acrylonitrile	100.000	103.042	-3.0	105	0.00
15	M	Acetone	100.000	97.975	2.0	98	0.00
16	M	Carbon Disulfide	20.000	18.999	5.0	107	0.00
17		Allyl chloride	20.000	20.048	-0.2	106	0.00
18	M	Methylene Chloride	20.000	20.468	-2.3	105	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.577	2.1	105	0.00
20	T	Diisopropyl ether	20.000	19.902	0.5	102	0.00
21	M	1,1-Dichloroethane	20.000	19.575	2.1	100	0.00
22	M	cis-1,2-Dichloroethene	20.000	19.904	0.5	104	0.00
23	M	tert-Butyl Alcohol	100.000	105.794	-5.8	107	0.00
24	M	Methyl tert-Butyl Ether	20.000	20.347	-1.7	106	0.00
25	M	Chloroform	20.000	20.107	-0.5	103	0.00
26		Cyclohexane	20.000	19.777	1.1	105	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.344	-1.1	101	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29		1,1-Dichloropropene	20.000	19.421	2.9	103	0.00
30	M	2-Butanone	100.000	100.493	-0.5	102	0.00
31		2,2-Dichloropropane	20.000	17.148	14.3	94	0.00
32	M	1,1,1-Trichloroethane	20.000	18.627	6.9	100	0.00
33	M	Carbon Tetrachloride	20.000	18.613	6.9	104	0.00
34	M	Benzene	20.000	19.652	1.7	104	0.00
35		Methacrylonitrile	20.000	19.026	4.9	101	0.00
36	M	1,2-Dichloroethane	20.000	19.372	3.1	103	0.00
37	M	Trichloroethene	20.000	19.486	2.6	103	0.00
38		Methylcyclohexane	20.000	18.691	6.5	104	0.00
39	M	1,2-Dichloropropane	20.000	19.316	3.4	103	0.00
40		Dibromomethane	20.000	19.909	0.5	107	0.00
41	M	Bromodichloromethane	20.000	18.436	7.8	102	0.00
42	M	Vinyl Acetate	100.000	93.935	6.1	101	0.00
43		Ethyl Acetate	20.000	19.625	1.9	104	0.00
44		Isopropyl Acetate	20.000	19.301	3.5	106	0.00
45	T	1,4-Dioxane	400.000	418.739	-4.7	109	0.00

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Quant Time: Jan 28 11:05:07 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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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	19.654	1.7	104	0.00
47		n-amyl Acetate	20.000	19.238	3.8	103	0.00
48	M	t-1,3-Dichloropropene	20.000	18.321	8.4	104	0.00
49	T	cis-1,3-Dichloropropene	20.000	18.738	6.3	103	0.00
50	M	1,1,2-Trichloroethane	20.000	19.984	0.1	106	0.00
51		Ethyl methacrylate	20.000	19.371	3.1	105	0.00
52		1,3-Dichloropropane	20.000	19.898	0.5	106	0.00
53	M	Dibromochloromethane	20.000	18.578	7.1	103	0.00
54	M	1,2-Dibromoethane	20.000	20.005	-0.0	105	0.00
55	M	2-Chloroethyl vinyl ether	100.000	97.461	2.5	102	0.00
56	M	Bromoform	20.000	17.993	10.0	104	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58	M	4-Methyl-2-Pentanone	100.000	102.521	-2.5	105	0.00
59	M	2-Hexanone	100.000	101.422	-1.4	102	0.00
60	S	4-Bromofluorobenzene	30.000	30.421	-1.4	102	0.00
61	M	Tetrachloroethene	20.000	19.405	3.0	96	0.00
62	M	Toluene	20.000	19.602	2.0	103	0.00
63	S	Toluene-d8	30.000	29.784	0.7	101	0.00
64	M	Chlorobenzene	20.000	19.526	2.4	103	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.945	0.3	108	0.00
66	M	Ethyl Benzene	20.000	19.442	2.8	103	0.00
67	M	m/p-Xylenes	40.000	39.501	1.2	104	0.00
68	M	o-Xylene	20.000	18.977	5.1	100	0.00
69	M	Styrene	20.000	19.793	1.0	106	0.00
70		Isopropylbenzene	20.000	19.567	2.2	103	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.274	-1.4	106	0.00
72		1,2,3-Trichloropropane	20.000	17.395	13.0	89	0.00
73		Bromobenzene	20.000	19.259	3.7	102	0.00
74		n-propylbenzene	20.000	19.226	3.9	101	0.00
75		2-Chlorotoluene	20.000	19.231	3.8	101	0.00
76		1,3,5-Trimethylbenzene	20.000	19.371	3.1	102	0.00
77		t-1,4-Dichloro-2-butene	20.000	17.229	13.9	105	0.00
78		4-Chlorotoluene	20.000	19.183	4.1	101	0.00
79		tert-butylbenzene	20.000	19.269	3.7	103	0.00
80		1,2,4-Trimethylbenzene	20.000	19.602	2.0	102	0.00
81		sec-Butylbenzene	20.000	19.430	2.9	102	0.00
82		p-Isopropyltoluene	20.000	19.269	3.7	103	0.00
83	M	1,3-Dichlorobenzene	20.000	19.078	4.6	101	0.00
84	M	1,4-Dichlorobenzene	20.000	19.335	3.3	101	0.00
85		n-Butylbenzene	20.000	18.527	7.4	103	0.00
86	T	Hexachloroethane	20.000	17.397	13.0	100	0.00
87	M	1,2-Dichlorobenzene	20.000	19.613	1.9	104	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.773	1.1	110	0.00
89		1,2,4-Trichlorobenzene	20.000	19.357	3.2	106	0.00
90		Hexachlorobutadiene	20.000	19.485	2.6	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.808	1.0	107	0.00
92	1,2,3-Trichlorobenzene	20.000	19.544	2.3	105	0.00

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