Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX011720\
Data File : VX014643.D
Acq On : 17 Jan 2020 09:46
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: Jan 18 05:25:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
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	93	0.00
2	M	Dichlorodifluoromethane	20.000	22.484	-12.4	104	0.00
3	M	Chloromethane	20.000	21.388	-6.9	100	0.00
4	M	Vinyl Chloride	20.000	21.623	-8.1	102	0.00
5	M	Bromomethane	20.000	19.388	3.1	109	0.00
6	M	Chloroethane	20.000	21.637	-8.2	101	0.02
7	M	Trichlorofluoromethane	20.000	21.157	-5.8	104	0.00
8	T	Diethyl Ether	20.000	22.466	-12.3	112	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.328	-11.6	108	0.01
10	M	1,1-Dichloroethene	20.000	21.354	-6.8	106	0.00
11		Methyl Iodide	20.000	21.506	-7.5	110	0.00
12		Methyl Acetate	20.000	23.109	-15.5	111	0.00
13	M	Acrolein	100.000	87.962	12.0	86	0.00
14	M	Acrylonitrile	100.000	108.818	-8.8	104	0.00
15	M	Acetone	100.000	80.171	19.8	73	0.00
16	M	Carbon Disulfide	20.000	20.821	-4.1	105	0.00
17		Allyl chloride	20.000	20.723	-3.6	104	0.00
18	M	Methylene Chloride	20.000	21.575	-7.9	105	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.764	-8.8	108	0.00
20	T	Diisopropyl ether	20.000	22.287	-11.4	109	0.00
21	M	1,1-Dichloroethane	20.000	21.299	-6.5	105	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.978	-9.9	109	0.00
23	M	tert-Butyl Alcohol	100.000	105.094	-5.1	106	-0.02
24	M	Methyl tert-Butyl Ether	20.000	22.403	-12.0	110	0.00
25	M	Chloroform	20.000	21.833	-9.2	108	0.00
26		Cyclohexane	20.000	21.548	-7.7	107	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.608	-2.0	96	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29		1,1-Dichloropropene	20.000	21.987	-9.9	110	0.00
30	M	2-Butanone	100.000	101.519	-1.5	97	0.00
31		2,2-Dichloropropane	20.000	21.559	-7.8	109	0.00
32	M	1,1,1-Trichloroethane	20.000	21.895	-9.5	110	0.00
33	M	Carbon Tetrachloride	20.000	21.471	-7.4	109	0.00
34	M	Benzene	20.000	21.768	-8.8	106	0.00
35		Methacrylonitrile	20.000	21.798	-9.0	107	0.00
36	M	1,2-Dichloroethane	20.000	22.310	-11.5	109	0.00
37	M	Trichloroethene	20.000	22.302	-11.5	110	0.00
38		Methylcyclohexane	20.000	21.984	-9.9	109	0.00
39	M	1,2-Dichloropropane	20.000	21.744	-8.7	107	0.00
40		Dibromomethane	20.000	21.982	-9.9	110	0.00
41	M	Bromodichloromethane	20.000	21.530	-7.7	109	0.00
42	M	Vinyl Acetate	100.000	102.110	-2.1	101	0.00
43		Ethyl Acetate	20.000	21.570	-7.9	104	0.00
44		Isopropyl Acetate	20.000	21.821	-9.1	109	0.00
45	T	1,4-Dioxane	400.000	446.664	-11.7	107	0.00

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ALS Vial : 2 Sample Multiplier: 1

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LabSampleId : VSTDCCC020

Quant Time: Jan 18 05:25:40 2020
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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	21.772	-8.9	109	0.00
47		n-amyl Acetate	20.000	21.516	-7.6	114	0.00
48	M	t-1,3-Dichloropropene	20.000	22.078	-10.4	113	0.00
49	T	cis-1,3-Dichloropropene	20.000	21.941	-9.7	111	0.00
50	M	1,1,2-Trichloroethane	20.000	22.092	-10.5	108	0.00
51		Ethyl methacrylate	20.000	21.764	-8.8	114	0.00
52		1,3-Dichloropropane	20.000	22.227	-11.1	110	0.00
53	M	Dibromochloromethane	20.000	22.285	-11.4	115	0.00
54	M	1,2-Dibromoethane	20.000	22.377	-11.9	110	0.00
55	M	2-Chloroethyl vinyl ether	100.000	104.297	-4.3	105	0.00
56	M	Bromoform	20.000	20.937	-4.7	108	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58	M	4-Methyl-2-Pentanone	100.000	111.341	-11.3	108	0.00
59	M	2-Hexanone	100.000	112.979	-13.0	109	0.00
60	S	4-Bromofluorobenzene	30.000	30.823	-2.7	99	0.00
61	M	Tetrachloroethene	20.000	23.463	-17.3	114	0.00
62	M	Toluene	20.000	22.241	-11.2	109	0.00
63	S	Toluene-d8	30.000	30.809	-2.7	97	0.00
64	M	Chlorobenzene	20.000	22.280	-11.4	110	0.00
65		1,1,1,2-Tetrachloroethane	20.000	22.265	-11.3	110	0.00
66	M	Ethyl Benzene	20.000	21.904	-9.5	109	0.00
67	M	m/p-Xylenes	40.000	44.144	-10.4	109	0.00
68	M	o-Xylene	20.000	21.878	-9.4	109	0.00
69	M	Styrene	20.000	22.045	-10.2	111	0.00
70		Isopropylbenzene	20.000	22.439	-12.2	112	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.716	-3.6	102	0.00
72		1,2,3-Trichloropropane	20.000	22.272	-11.4	111	0.00
73		Bromobenzene	20.000	21.984	-9.9	110	0.00
74		n-propylbenzene	20.000	22.409	-12.0	114	0.00
75		2-Chlorotoluene	20.000	22.096	-10.5	111	0.00
76		1,3,5-Trimethylbenzene	20.000	22.375	-11.9	112	0.00
77		t-1,4-Dichloro-2-butene	20.000	21.545	-7.7	116	0.00
78		4-Chlorotoluene	20.000	22.176	-10.9	112	0.00
79		tert-butylbenzene	20.000	21.905	-9.5	111	0.00
80		1,2,4-Trimethylbenzene	20.000	22.363	-11.8	111	0.00
81		sec-Butylbenzene	20.000	21.802	-9.0	111	0.00
82		p-Isopropyltoluene	20.000	22.353	-11.8	113	0.00
83	M	1,3-Dichlorobenzene	20.000	22.332	-11.7	113	0.00
84	M	1,4-Dichlorobenzene	20.000	22.644	-13.2	117	0.00
85		n-Butylbenzene	20.000	21.872	-9.4	116	0.00
86	T	Hexachloroethane	20.000	21.190	-6.0	112	0.00
87	M	1,2-Dichlorobenzene	20.000	21.953	-9.8	111	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	21.103	-5.5	107	0.00
89		1,2,4-Trichlorobenzene	20.000	22.568	-12.8	118	0.00
90		Hexachlorobutadiene	20.000	22.405	-12.0	116	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.950	-9.7	112	0.00
92	1,2,3-Trichlorobenzene	20.000	22.143	-10.7	115	0.00

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