Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX051418\
Data File : VX001706.D
Acq On : 14 May 2018 11:14
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: May 16 03:13:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 07:16:13 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	113	0.00
2	M	Dichlorodifluoromethane	20.000	26.590	-33.0#	129	0.00
3	M	Chloromethane	20.000	23.504	-17.5	119	0.00
4	M	Vinyl Chloride	20.000	23.396	-17.0	118	0.00
5	M	Bromomethane	20.000	25.568	-27.8	107	0.00
6	M	Chloroethane	20.000	21.931	-9.7	111	0.00
7	M	Trichlorofluoromethane	20.000	25.105	-25.5	127	0.00
8	T	Diethyl Ether	20.000	21.800	-9.0	113	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	27.709	-38.5#	138	0.00
10	M	1,1-Dichloroethene	20.000	23.705	-18.5	123	0.00
11		Methyl Iodide	20.000	21.137	-5.7	117	0.00
12		Methyl Acetate	20.000	19.182	4.1	100	0.00
13	M	Acrolein	100.000	97.141	2.9	110	0.00
14	M	Acrylonitrile	100.000	96.482	3.5	101	0.00
15	M	Acetone	100.000	106.846	-6.8	112	0.00
16	M	Carbon Disulfide	20.000	24.226	-21.1	130	0.00
17		Allyl chloride	20.000	22.991	-15.0	121	0.00
18	M	Methylene Chloride	20.000	22.269	-11.3	117	0.00
19	M	trans-1,2-Dichloroethene	20.000	23.390	-17.0	122	0.00
20	T	Diisopropyl ether	20.000	23.055	-15.3	124	0.00
21	M	1,1-Dichloroethane	20.000	22.677	-13.4	118	0.00
22	M	cis-1,2-Dichloroethene	20.000	23.513	-17.6	125	0.00
23	M	tert-Butyl Alcohol	100.000	90.474	9.5	96	-0.02
24	M	Methyl tert-Butyl Ether	20.000	21.485	-7.4	112	-0.01
25	M	Chloroform	20.000	22.847	-14.2	121	0.00
26		Cyclohexane	20.000	27.694	-38.5#	144	0.00
27	s	1,2-Dichloroethane-d4	30.000	28.660	4.5	106	-0.01
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	119	0.00
29		1,1-Dichloropropene	20.000	24.465	-22.3	134	0.00
30	M	2-Butanone	100.000	94.807	5.2	104	-0.02
31		2,2-Dichloropropane	20.000	30.951	-54.8#	170	0.00
32	M	1,1,1-Trichloroethane	20.000	23.267	-16.3	126	0.00
33	M	Carbon Tetrachloride	20.000	24.057	-20.3	132	0.00
34	M	Benzene	20.000	22.824	-14.1	125	0.00
35		Methacrylonitrile	20.000	18.846	5.8	105	0.00
36	M	1,2-Dichloroethane	20.000	21.451	-7.3	116	0.00
37	M	Trichloroethene	20.000	24.482	-22.4	133	0.00
38		Methylcyclohexane	20.000	28.567	-42.8#	156	0.00
39	M	1,2-Dichloropropane	20.000	22.281	-11.4	123	0.00
40		Dibromomethane	20.000	21.760	-8.8	119	0.00
41	M	Bromodichloromethane	20.000	22.128	-10.6	124	0.00
42	M	Vinyl Acetate	100.000	108.004	-8.0	121	0.00
43		Ethyl Acetate	20.000	18.975	5.1	105	-0.02
44		Isopropyl Acetate	20.000	19.485	2.6	111	0.00
45	T	1,4-Dioxane	400.000	374.165	6.5	105	0.00

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC020

Quant Time: May 16 03:13:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 11 07:16:13 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)
46		Methyl methacrylate	20.000	19.434	2.8	109	0.00
47		n-amyl Acetate	20.000	19.152	4.2	110	0.00
48	M	t-1,3-Dichloropropene	20.000	23.388	-16.9	133	0.00
49	T	cis-1,3-Dichloropropene	20.000	23.988	-19.9	139	0.00
50	M	1,1,2-Trichloroethane	20.000	22.456	-12.3	121	0.00
51		Ethyl methacrylate	20.000	20.677	-3.4	119	0.00
52		1,3-Dichloropropane	20.000	22.510	-12.6	123	0.00
53	M	Dibromochloromethane	20.000	21.372	-6.9	121	0.00
54	M	1,2-Dibromoethane	20.000	21.025	-5.1	113	0.00
55	M	2-Chloroethyl vinyl ether	100.000	90.337	9.7	100	0.00
56	M	Bromoform	20.000	20.172	-0.9	120	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	123	0.00
58	M	4-Methyl-2-Pentanone	100.000	91.555	8.4	104	0.00
59	M	2-Hexanone	100.000	93.337	6.7	106	0.00
60	S	4-Bromofluorobenzene	30.000	28.772	4.1	117	0.00
61	M	Tetrachloroethene	20.000	25.661	-28.3	143	0.00
62	M	Toluene	20.000	22.995	-15.0	130	0.00
63	S	Toluene-d8	30.000	29.470	1.8	119	0.00
64	M	Chlorobenzene	20.000	23.542	-17.7	132	0.00
65		1,1,1,2-Tetrachloroethane	20.000	22.851	-14.3	130	0.00
66	M	Ethyl Benzene	20.000	24.438	-22.2	138	0.00
67	M	m/p-Xylenes	40.000	49.801	-24.5	139	0.00
68	M	o-Xylene	20.000	23.690	-18.5	135	0.00
69	M	Styrene	20.000	23.850	-19.3	136	0.00
70		Isopropylbenzene	20.000	23.676	-18.4	132	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	18.752	6.2	108	0.00
72		1,2,3-Trichloropropane	20.000	19.647	1.8	111	0.00
73		Bromobenzene	20.000	21.879	-9.4	125	0.00
74		n-propylbenzene	20.000	24.795	-24.0	138	0.00
75		2-Chlorotoluene	20.000	23.069	-15.3	129	0.00
76		1,3,5-Trimethylbenzene	20.000	23.581	-17.9	132	0.00
77		t-1,4-Dichloro-2-butene	20.000	20.930	-4.6	131	0.00
78		4-Chlorotoluene	20.000	23.660	-18.3	133	0.00
79		tert-butylbenzene	20.000	25.679	-28.4	143	0.00
80		1,2,4-Trimethylbenzene	20.000	23.778	-18.9	132	0.00
81		sec-Butylbenzene	20.000	25.002	-25.0	140	0.00
82		p-Isopropyltoluene	20.000	25.679	-28.4	143	0.00
83	M	1,3-Dichlorobenzene	20.000	23.422	-17.1	134	0.00
84	M	1,4-Dichlorobenzene	20.000	23.797	-19.0	136	0.00
85		n-Butylbenzene	20.000	26.682	-33.4#	155	0.00
86	T	Hexachloroethane	20.000	23.348	-16.7	137	0.00
87	M	1,2-Dichlorobenzene	20.000	22.334	-11.7	128	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	17.374	13.1	103	0.00
89		1,2,4-Trichlorobenzene	20.000	24.564	-22.8	145	0.00
90		Hexachlorobutadiene	20.000	26.475	-32.4#	150	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.680	-3.4	121	0.00
92	1,2,3-Trichlorobenzene	20.000	23.454	-17.3	136	0.00

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