Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\
Data File : VX001810.D
Acq On : 18 May 2018 06:01
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX051818

Quant Time: May 18 10:05:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 10:06:03 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	96	0.00
2	M	Dichlorodifluoromethane	20.000	19.089	4.6	91	0.00
3	M	Chloromethane	20.000	21.172	-5.9	104	0.00
4	M	Vinyl Chloride	20.000	20.610	-3.0	99	0.00
5	M	Bromomethane	20.000	25.619	-28.1	116	0.00
6	M	Chloroethane	20.000	20.376	-1.9	100	0.00
7	M	Trichlorofluoromethane	20.000	19.428	2.9	93	0.00
8	T	Diethyl Ether	20.000	21.221	-6.1	104	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.512	2.4	96	0.00
10	M	1,1-Dichloroethene	20.000	19.869	0.7	97	0.00
11		Methyl Iodide	20.000	19.611	1.9	98	0.00
12		Methyl Acetate	20.000	21.522	-7.6	104	0.00
13	M	Acrolein	100.000	109.174	-9.2	109	0.00
14	M	Acrylonitrile	100.000	105.885	-5.9	103	0.00
15	M	Acetone	100.000	105.299	-5.3	102	0.00
16	M	Carbon Disulfide	20.000	19.835	0.8	99	0.00
17		Allyl chloride	20.000	20.164	-0.8	99	0.00
18	M	Methylene Chloride	20.000	20.751	-3.8	102	0.00
19	M	trans-1,2-Dichloroethene	20.000	19.966	0.2	98	0.00
20	T	Diisopropyl ether	20.000	21.012	-5.1	103	0.00
21	M	1,1-Dichloroethane	20.000	20.369	-1.8	99	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.737	-3.7	102	0.00
23	M	tert-Butyl Alcohol	100.000	109.560	-9.6	108	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.485	-7.4	104	0.00
25	M	Chloroform	20.000	20.348	-1.7	99	0.00
26		Cyclohexane	20.000	19.320	3.4	93	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.108	-0.4	96	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29		1,1-Dichloropropene	20.000	19.935	0.3	95	0.00
30	M	2-Butanone	100.000	112.898	-12.9	106	0.00
31		2,2-Dichloropropane	20.000	19.352	3.2	95	0.00
32	M	1,1,1-Trichloroethane	20.000	20.290	-1.4	97	0.00
33	M	Carbon Tetrachloride	20.000	19.479	2.6	93	0.00
34	M	Benzene	20.000	20.884	-4.4	99	0.00
35		Methacrylonitrile	20.000	22.377	-11.9	106	0.00
36	M	1,2-Dichloroethane	20.000	21.592	-8.0	100	0.00
37	M	Trichloroethene	20.000	19.737	1.3	95	0.00
38		Methylcyclohexane	20.000	20.153	-0.8	95	0.00
39	M	1,2-Dichloropropane	20.000	20.900	-4.5	100	0.00
40		Dibromomethane	20.000	21.474	-7.4	101	0.00
41	M	Bromodichloromethane	20.000	21.033	-5.2	100	0.00
42	M	Vinyl Acetate	100.000	106.735	-6.7	105	0.00
43		Ethyl Acetate	20.000	22.508	-12.5	107	0.00
44		Isopropyl Acetate	20.000	22.589	-12.9	107	0.00
45	T	1,4-Dioxane	400.000	444.007	-11.0	107	0.00

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ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX051818

Quant Time: May 18 10:05:53 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 10:06:03 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	22.650	-13.2	106	0.00
47		n-amyl Acetate	20.000	21.673	-8.4	102	0.00
48	M	t-1,3-Dichloropropene	20.000	21.356	-6.8	101	0.00
49	T	cis-1,3-Dichloropropene	20.000	21.336	-6.7	103	0.00
50	M	1,1,2-Trichloroethane	20.000	20.949	-4.7	99	0.00
51		Ethyl methacrylate	20.000	21.871	-9.4	105	0.00
52		1,3-Dichloropropane	20.000	21.276	-6.4	100	0.00
53	M	Dibromochloromethane	20.000	21.164	-5.8	101	0.00
54	M	1,2-Dibromoethane	20.000	21.359	-6.8	100	0.00
55	M	2-Chloroethyl vinyl ether	100.000	111.536	-11.5	102	0.00
56	M	Bromoform	20.000	20.853	-4.3	101	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58	M	4-Methyl-2-Pentanone	100.000	119.814	-19.8	105	0.00
59	M	2-Hexanone	100.000	119.461	-19.5	105	0.00
60	S	4-Bromofluorobenzene	30.000	30.536	-1.8	91	0.00
61	M	Tetrachloroethene	20.000	20.359	-1.8	92	0.00
62	M	Toluene	20.000	20.960	-4.8	95	0.00
63	S	Toluene-d8	30.000	31.019	-3.4	91	0.00
64	M	Chlorobenzene	20.000	20.947	-4.7	94	0.00
65		1,1,1,2-Tetrachloroethane	20.000	21.899	-9.5	97	0.00
66	M	Ethyl Benzene	20.000	20.709	-3.5	93	0.00
67	M	m/p-Xylenes	40.000	41.370	-3.4	92	0.00
68	M	o-Xylene	20.000	21.066	-5.3	95	0.00
69	M	Styrene	20.000	21.486	-7.4	95	0.00
70		Isopropylbenzene	20.000	20.694	-3.5	92	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	22.803	-14.0	104	0.00
72		1,2,3-Trichloropropane	20.000	26.182	-30.9#	116	0.00
73		Bromobenzene	20.000	20.999	-5.0	96	0.00
74		n-propylbenzene	20.000	20.820	-4.1	91	0.00
75		2-Chlorotoluene	20.000	20.773	-3.9	93	0.00
76		1,3,5-Trimethylbenzene	20.000	20.792	-4.0	92	0.00
77		t-1,4-Dichloro-2-butene	20.000	21.973	-9.9	102	0.00
78		4-Chlorotoluene	20.000	20.824	-4.1	93	0.00
79		tert-butylbenzene	20.000	20.813	-4.1	92	0.00
80		1,2,4-Trimethylbenzene	20.000	21.230	-6.2	93	0.00
81		sec-Butylbenzene	20.000	20.921	-4.6	93	0.00
82		p-Isopropyltoluene	20.000	20.813	-4.1	92	0.00
83	M	1,3-Dichlorobenzene	20.000	20.694	-3.5	94	0.00
84	M	1,4-Dichlorobenzene	20.000	21.032	-5.2	95	0.00
85		n-Butylbenzene	20.000	20.705	-3.5	94	0.00
86	T	Hexachloroethane	20.000	20.210	-1.1	93	0.00
87	M	1,2-Dichlorobenzene	20.000	21.253	-6.3	97	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	22.519	-12.6	101	0.00
89		1,2,4-Trichlorobenzene	20.000	21.421	-7.1	97	0.00
90		Hexachlorobutadiene	20.000	20.617	-3.1	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	22.891	-14.5	101	0.00
92	1,2,3-Trichlorobenzene	20.000	21.659	-8.3	97	0.00

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