Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX022018\
Data File : VX000112.D
Acq On : 20 Feb 2018 16:58
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX022018

Quant Time: Feb 21 06:23:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 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	105	0.00
2	M	Dichlorodifluoromethane	20.000	21.817	-9.1	117	0.00
3	M	Chloromethane	20.000	21.665	-8.3	112	0.00
4	M	Vinyl Chloride	20.000	21.039	-5.2	110	0.00
5	M	Bromomethane	20.000	18.921	5.4	102	0.00
6	M	Chloroethane	20.000	21.525	-7.6	115	0.00
7	M	Trichlorofluoromethane	20.000	22.201	-11.0	118	0.00
8	T	Diethyl Ether	20.000	21.435	-7.2	109	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	22.558	-12.8	118	0.00
10	M	1,1-Dichloroethene	20.000	22.029	-10.1	115	0.00
11		Methyl Iodide	20.000	21.620	-8.1	137	0.00
12		Methyl Acetate	20.000	20.568	-2.8	108	0.00
13	M	Acrolein	100.000	98.096	1.9	108	0.00
14	M	Acrylonitrile	100.000	99.935	0.1	104	0.00
15	M	Acetone	100.000	95.124	4.9	95	0.00
16	M	Carbon Disulfide	20.000	21.641	-8.2	115	0.00
17		Allyl chloride	20.000	21.591	-8.0	114	0.00
18	M	Methylene Chloride	20.000	21.536	-7.7	115	0.00
19	M	trans-1,2-Dichloroethene	20.000	21.486	-7.4	114	0.00
20	T	Diisopropyl ether	20.000	20.445	-2.2	112	0.00
21	M	1,1-Dichloroethane	20.000	17.755	11.2	90	0.00
22	M	cis-1,2-Dichloroethene	20.000	21.136	-5.7	112	0.00
23	M	tert-Butyl Alcohol	100.000	91.274	8.7	93	0.00
24	M	Methyl tert-Butyl Ether	20.000	21.888	-9.4	115	0.00
25	M	Chloroform	20.000	21.431	-7.2	114	0.00
26		Cyclohexane	20.000	22.179	-10.9	118	0.00
27	s	1,2-Dichloroethane-d4	30.000	31.533	-5.1	111	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	108	0.00
29		1,1-Dichloropropene	20.000	21.300	-6.5	116	0.00
30	M	2-Butanone	100.000	92.594	7.4	97	0.00
31		2,2-Dichloropropane	20.000	19.806	1.0	108	0.00
32	M	1,1,1-Trichloroethane	20.000	20.998	-5.0	114	0.00
33	M	Carbon Tetrachloride	20.000	20.985	-4.9	115	0.00
34	M	Benzene	20.000	20.928	-4.6	113	0.00
35		Methacrylonitrile	20.000	18.689	6.6	102	0.00
36	M	1,2-Dichloroethane	20.000	19.627	1.9	106	0.00
37	M	Trichloroethene	20.000	20.369	-1.8	109	0.00
38		Methylcyclohexane	20.000	21.134	-5.7	117	0.00
39	M	1,2-Dichloropropane	20.000	20.639	-3.2	110	0.00
40		Dibromomethane	20.000	21.136	-5.7	115	0.00
41	M	Bromodichloromethane	20.000	20.162	-0.8	108	0.00
42	M	Vinyl Acetate	100.000	98.331	1.7	110	0.00
43		Ethyl Acetate	20.000	19.142	4.3	101	0.00
44		Isopropyl Acetate	20.000	20.063	-0.3	109	0.00
45	T	1,4-Dioxane	400.000	370.785	7.3	102	0.00

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX022018

Quant Time: Feb 21 06:23:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 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	19.829	0.9	107	0.00
47		n-amyl Acetate	20.000	20.415	-2.1	113	0.00
48	M	t-1,3-Dichloropropene	20.000	19.949	0.3	106	0.00
49	T	cis-1,3-Dichloropropene	20.000	20.568	-2.8	110	0.00
50	M	1,1,2-Trichloroethane	20.000	20.471	-2.4	113	0.00
51		Ethyl methacrylate	20.000	20.349	-1.7	113	0.00
52		1,3-Dichloropropane	20.000	20.904	-4.5	112	0.00
53	M	Dibromochloromethane	20.000	20.052	-0.3	109	0.00
54	M	1,2-Dibromoethane	20.000	20.232	-1.2	110	0.00
55	M	2-Chloroethyl vinyl ether	100.000	110.043	-10.0	105	0.00
56	M	Bromoform	20.000	19.623	1.9	109	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58	M	4-Methyl-2-Pentanone	100.000	97.671	2.3	104	0.00
59	M	2-Hexanone	100.000	95.427	4.6	101	0.00
60	S	4-Bromofluorobenzene	30.000	30.442	-1.5	112	0.00
61	M	Tetrachloroethene	20.000	20.616	-3.1	113	0.00
62	M	Toluene	20.000	20.784	-3.9	113	0.00
63	S	Toluene-d8	30.000	30.330	-1.1	111	0.00
64	M	Chlorobenzene	20.000	20.642	-3.2	114	0.00
65		1,1,1,2-Tetrachloroethane	20.000	20.667	-3.3	113	0.00
66	M	Ethyl Benzene	20.000	20.553	-2.8	111	0.00
67	M	m/p-Xylenes	40.000	41.711	-4.3	115	0.00
68	M	o-Xylene	20.000	20.615	-3.1	112	0.00
69	M	Styrene	20.000	20.601	-3.0	112	0.00
70		Isopropylbenzene	20.000	20.811	-4.1	113	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.497	-2.5	111	0.00
72		1,2,3-Trichloropropane	20.000	19.620	1.9	104	0.00
73		Bromobenzene	20.000	19.911	0.4	110	0.00
74		n-propylbenzene	20.000	21.046	-5.2	114	0.00
75		2-Chlorotoluene	20.000	21.077	-5.4	113	0.00
76		1,3,5-Trimethylbenzene	20.000	20.677	-3.4	113	0.00
77		t-1,4-Dichloro-2-butene	20.000	19.143	4.3	103	0.00
78		4-Chlorotoluene	20.000	21.051	-5.3	114	0.00
79		tert-butylbenzene	20.000	21.092	-5.5	114	0.00
80		1,2,4-Trimethylbenzene	20.000	21.074	-5.4	113	0.00
81		sec-Butylbenzene	20.000	21.472	-7.4	116	0.00
82		p-Isopropyltoluene	20.000	21.573	-7.9	116	0.00
83	M	1,3-Dichlorobenzene	20.000	20.990	-4.9	115	0.00
84	M	1,4-Dichlorobenzene	20.000	20.787	-3.9	115	0.00
85		n-Butylbenzene	20.000	21.468	-7.3	116	0.00
86	T	Hexachloroethane	20.000	20.536	-2.7	113	0.00
87	M	1,2-Dichlorobenzene	20.000	21.044	-5.2	113	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.509	2.5	106	0.00
89		1,2,4-Trichlorobenzene	20.000	20.957	-4.8	116	0.00
90		Hexachlorobutadiene	20.000	20.194	-1.0	116	0.00

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Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.627	-3.1	111	0.00
92	1,2,3-Trichlorobenzene	20.000	20.354	-1.8	111	0.00

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