Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX001961.D
Acq On : 25 May 2018 00:46
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

Quant Time: May 25 02:32:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 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	101	0.00
2	M	Dichlorodifluoromethane	20.000	19.914	0.4	106	0.00
3	M	Chloromethane	20.000	20.179	-0.9	108	0.00
4	M	Vinyl Chloride	20.000	19.546	2.3	103	0.00
5	M	Bromomethane	20.000	26.439	-32.2#	132	0.00
6	M	Chloroethane	20.000	20.149	-0.7	105	0.00
7	M	Trichlorofluoromethane	20.000	20.144	-0.7	104	0.00
8	T	Diethyl Ether	20.000	20.066	-0.3	106	0.00
9		1,1,2-Trichlorotrifluoroeth	20.000	19.751	1.2	103	0.00
10	M	1,1-Dichloroethene	20.000	19.901	0.5	104	0.00
11		Methyl Iodide	20.000	15.170	24.1	84	0.00
12		Methyl Acetate	20.000	20.104	-0.5	107	0.00
13	M	Acrolein	100.000	96.942	3.1	106	0.00
14	M	Acrylonitrile	100.000	100.593	-0.6	106	0.00
15	M	Acetone	100.000	99.400	0.6	104	0.00
16	M	Carbon Disulfide	20.000	20.750	-3.8	110	0.00
17		Allyl chloride	20.000	19.951	0.2	103	0.00
18	M	Methylene Chloride	20.000	19.866	0.7	104	0.00
19	M	trans-1,2-Dichloroethene	20.000	20.238	-1.2	106	0.00
20	T	Diisopropyl ether	20.000	19.567	2.2	103	0.00
21	M	1,1-Dichloroethane	20.000	19.600	2.0	102	0.00
22	M	cis-1,2-Dichloroethene	20.000	20.133	-0.7	108	0.00
23	M	tert-Butyl Alcohol	100.000	102.566	-2.6	106	0.00
24	M	Methyl tert-Butyl Ether	20.000	19.959	0.2	104	0.00
25	M	Chloroform	20.000	19.556	2.2	103	0.00
26		Cyclohexane	20.000	19.726	1.4	103	0.00
27	s	1,2-Dichloroethane-d4	30.000	30.040	-0.1	103	0.00
28	I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29		1,1-Dichloropropene	20.000	20.173	-0.9	105	0.00
30	M	2-Butanone	100.000	102.010	-2.0	105	0.00
31		2,2-Dichloropropane	20.000	18.677	6.6	93	0.00
32	M	1,1,1-Trichloroethane	20.000	20.120	-0.6	104	0.00
33	M	Carbon Tetrachloride	20.000	19.896	0.5	102	0.00
34	M	Benzene	20.000	19.945	0.3	103	0.00
35		Methacrylonitrile	20.000	19.952	0.2	104	0.00
36	M	1,2-Dichloroethane	20.000	20.493	-2.5	105	0.00
37	M	Trichloroethene	20.000	19.975	0.1	102	0.00
38		Methylcyclohexane	20.000	20.119	-0.6	105	0.00
39	M	1,2-Dichloropropane	20.000	19.788	1.1	102	0.00
40		Dibromomethane	20.000	20.219	-1.1	104	0.00
41	M	Bromodichloromethane	20.000	19.730	1.3	102	0.00
42	M	Vinyl Acetate	100.000	101.480	-1.5	102	0.00
43		Ethyl Acetate	20.000	20.111	-0.6	103	0.00
44		Isopropyl Acetate	20.000	20.094	-0.5	104	0.00
45	T	1,4-Dioxane	400.000	404.358	-1.1	105	0.00

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ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX052518

Quant Time: May 25 02:32:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
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	20.000	0.0	103	0.00
47		n-amyl Acetate	20.000	19.667	1.7	104	0.00
48	M	t-1,3-Dichloropropene	20.000	19.700	1.5	102	0.00
49	T	cis-1,3-Dichloropropene	20.000	19.733	1.3	104	0.00
50	M	1,1,2-Trichloroethane	20.000	20.027	-0.1	105	0.00
51		Ethyl methacrylate	20.000	19.927	0.4	104	0.00
52		1,3-Dichloropropane	20.000	20.141	-0.7	104	0.00
53	M	Dibromochloromethane	20.000	19.427	2.9	103	0.00
54	M	1,2-Dibromoethane	20.000	19.705	1.5	103	0.00
55	M	2-Chloroethyl vinyl ether	100.000	101.339	-1.3	100	0.00
56	M	Bromoform	20.000	18.769	6.2	102	0.00
57	I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58	M	4-Methyl-2-Pentanone	100.000	102.344	-2.3	103	0.00
59	M	2-Hexanone	100.000	102.081	-2.1	105	0.00
60	S	4-Bromofluorobenzene	30.000	29.264	2.5	101	0.00
61	M	Tetrachloroethene	20.000	19.032	4.8	97	0.00
62	M	Toluene	20.000	20.126	-0.6	105	0.00
63	S	Toluene-d8	30.000	29.704	1.0	101	0.00
64	M	Chlorobenzene	20.000	19.809	1.0	104	0.00
65		1,1,1,2-Tetrachloroethane	20.000	19.976	0.1	104	0.00
66	M	Ethyl Benzene	20.000	19.822	0.9	104	0.00
67	M	m/p-Xylenes	40.000	39.639	0.9	104	0.00
68	M	o-Xylene	20.000	19.940	0.3	105	0.00
69	M	Styrene	20.000	19.629	1.9	105	0.00
70		Isopropylbenzene	20.000	19.931	0.3	105	0.00
71	M	1,1,2,2-Tetrachloroethane	20.000	20.023	-0.1	107	0.00
72		1,2,3-Trichloropropane	20.000	22.010	-10.1	104	0.00
73		Bromobenzene	20.000	19.677	1.6	106	0.00
74		n-propylbenzene	20.000	19.848	0.8	105	0.00
75		2-Chlorotoluene	20.000	19.810	1.0	105	0.00
76		1,3,5-Trimethylbenzene	20.000	19.576	2.1	103	0.00
77		t-1,4-Dichloro-2-butene	20.000	18.961	5.2	101	0.00
78		4-Chlorotoluene	20.000	19.594	2.0	106	0.00
79		tert-butylbenzene	20.000	19.408	3.0	104	0.00
80		1,2,4-Trimethylbenzene	20.000	19.837	0.8	105	0.00
81		sec-Butylbenzene	20.000	19.599	2.0	103	0.00
82		p-Isopropyltoluene	20.000	19.408	3.0	104	0.00
83	M	1,3-Dichlorobenzene	20.000	19.604	2.0	108	0.00
84	M	1,4-Dichlorobenzene	20.000	19.618	1.9	108	0.00
85		n-Butylbenzene	20.000	19.021	4.9	105	0.00
86	T	Hexachloroethane	20.000	19.328	3.4	104	0.00
87	M	1,2-Dichlorobenzene	20.000	19.544	2.3	107	0.00
88		1,2-Dibromo-3-Chloropropane	20.000	19.894	0.5	107	0.00
89		1,2,4-Trichlorobenzene	20.000	19.235	3.8	109	0.00
90		Hexachlorobutadiene	20.000	19.063	4.7	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.181	-0.9	108	0.00
92	1,2,3-Trichlorobenzene	20.000	19.541	2.3	107	0.00

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