Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
Data File : VX000665.D
Acq On : 04 Apr 2018 18:44
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX040418

Quant Time: Apr 05 05:30:04 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 05 03:34:50 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	121	0.00
2	T	Dichlorodifluoromethane	0.670	0.767	-14.5	148	0.00
3	P	Chloromethane	0.573	0.695	-21.3#	166#	0.00
4	C	Vinyl Chloride	0.752	0.824	-9.6#	139	0.00
5	T	Bromomethane	0.732	0.722	1.4	118	0.00
6	T	Chloroethane	0.553	0.522	5.6	125	0.00
7	T	Trichlorofluoromethane	1.333	1.370	-2.8	133	0.00
8	T	Diethyl Ether	0.494	0.505	-2.2	132	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.720	0.746	-3.6	133	0.00
10	T	Methyl Iodide	0.432	0.500	-15.7	145	0.00
11	T	Tert butyl alcohol	0.329	0.343	-4.3	136	0.00
12	CM	1,1-Dichloroethene	0.679	0.699	-2.9#	140	0.00
13	T	Acrolein	0.195	0.206	-5.6	136	0.00
14	T	Allyl chloride	1.361	1.289	5.3	124	0.00
15	T	Acrylonitrile	0.608	0.618	-1.6	127	0.00
16	T	Acetone	0.699	0.641	8.3	124	0.00
17	T	Carbon Disulfide	1.595	1.577	1.1	136	0.00
18	T	Methyl Acetate	1.558	1.573	-1.0	128	0.00
19	T	Methyl tert-butyl Ether	2.454	2.629	-7.1	135	0.00
20	T	Methylene Chloride	0.797	0.792	0.6	140	0.00
21	T	trans-1,2-Dichloroethene	0.736	0.745	-1.2	140	0.00
22	T	Diisopropyl ether	1.937	1.771	8.6	134	0.00
23	T	Vinyl Acetate	1.873	1.657	11.5	132	0.00
24	P	1,1-Dichloroethane	1.288	1.338	-3.9	132	0.00
25	T	2-Butanone	0.708	0.707	0.1	131	0.00
26	T	2,2-Dichloropropane	0.705	0.721	-2.3	133	0.00
27	T	cis-1,2-Dichloroethene	0.557	0.562	-0.9	133	0.00
28	T	Bromochloromethane	0.482	0.473	1.9	121	0.00
29	T	Tetrahydrofuran	0.456	0.466	-2.2	135	0.00
30	C	Chloroform	1.092	1.141	-4.5#	138	0.00
31	T	Cyclohexane	0.838	0.823	1.8	134	0.00
32	T	1,1,1-Trichloroethane	0.898	0.976	-8.7	138	0.00
33	S	1,2-Dichloroethane-d4	0.849	0.863	-1.6	126	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	126	0.00
35	S	Dibromofluoromethane	0.341	0.342	-0.3	127	0.00
36	T	1,1-Dichloropropene	0.464	0.430	7.3	130	0.00
37	T	Ethyl Acetate	0.706	0.667	5.5	136	0.00
38	T	Carbon Tetrachloride	0.446	0.446	0.0	136	0.00
39	T	Methylcyclohexane	0.536	0.481	10.3	131	0.00
40	TM	Benzene	1.325	1.305	1.5	136	0.00
41	T	Methacrylonitrile	0.387	0.353	8.8	131	0.00
42	TM	1,2-Dichloroethane	0.554	0.547	1.3	133	0.00
43	T	Isopropyl Acetate	1.023	1.027	-0.4	131	0.00
44	TM	Trichloroethene	0.366	0.340	7.1	132	0.00
45	C	1,2-Dichloropropane	0.357	0.341	4.5#	131	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.262	0.257	1.9	133	0.00
47	T	Bromodichloromethane	0.498	0.503	-1.0	134	0.00
48	T	Methyl methacrylate	0.525	0.509	3.0	133	0.00
49	T	1,4-Dioxane	0.011	0.011	0.0	136	0.00
50	S	Toluene-d8	1.451	1.458	-0.5	129	0.00
51	T	4-Methyl-2-Pentanone	0.832	0.837	-0.6	130	0.00
52	CM	Toluene	0.936	0.923	1.4#	137	0.00
53	T	t-1,3-Dichloropropene	0.539	0.570	-5.8	136	0.00
54	T	cis-1,3-Dichloropropene	0.543	0.590	-8.7	141	0.00
55	T	1,1,2-Trichloroethane	0.390	0.391	-0.3	134	0.00
56	T	Ethyl methacrylate	0.607	0.629	-3.6	137	0.00
57	T	1,3-Dichloropropane	0.639	0.646	-1.1	135	0.00
58	T	2-Chloroethyl Vinyl ether	0.269	0.308	-14.5	161#	0.00
59	T	2-Hexanone	0.708	0.728	-2.8	130	0.00
60	T	Dibromochloromethane	0.405	0.420	-3.7	138	0.00
61	T	1,2-Dibromoethane	0.421	0.441	-4.8	141	0.00
62	S	4-Bromofluorobenzene	0.574	0.605	-5.4	127	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	128	0.00
64	T	Tetrachloroethene	0.326	0.299	8.3	127	0.00
65	PM	Chlorobenzene	1.018	1.017	0.1	136	0.00
66	T	1,1,1,2-Tetrachloroethane	0.347	0.356	-2.6	144	0.00
67	C	Ethyl Benzene	1.802	1.790	0.7#	132	0.00
68	T	m/p-Xylenes	0.679	0.718	-5.7	137	0.00
69	T	o-Xylene	0.669	0.696	-4.0	139	0.00
70	T	Styrene	1.127	1.204	-6.8	137	0.00
71	P	Bromoform	0.295	0.311	-5.4	141	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
73	T	Isopropylbenzene	3.023	3.235	-7.0	138	0.00
74	T	N-amyl acetate	1.622	1.588	2.1	131	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.190	-3.5	135	0.00
76	T	1,2,3-Trichloropropane	1.091	1.103	-1.1	135	0.00
77	T	Bromobenzene	0.756	0.782	-3.4	138	0.00
78	T	n-propylbenzene	3.686	3.806	-3.3	130	0.00
79	T	2-Chlorotoluene	2.094	2.214	-5.7	134	0.00
80	T	1,3,5-Trimethylbenzene	2.581	2.743	-6.3	130	0.00
81	T	trans-1,4-Dichloro-2-butene	0.304	0.337	-10.9	136	0.00
82	T	4-Chlorotoluene	2.620	2.720	-3.8	127	0.00
83	T	tert-Butylbenzene	2.516	2.743	-9.0	139	0.00
84	T	1,2,4-Trimethylbenzene	2.700	2.876	-6.5	131	0.00
85	T	sec-Butylbenzene	3.197	3.398	-6.3	131	0.00
86	T	p-Isopropyltoluene	2.782	3.019	-8.5	128	0.00
87	T	1,3-Dichlorobenzene	1.472	1.541	-4.7	133	0.00
88	T	1,4-Dichlorobenzene	1.611	1.630	-1.2	131	0.00
89	T	n-Butylbenzene	2.838	2.810	1.0	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.473	0.489	-3.4	136	0.00
91 T	1,2-Dichlorobenzene	1.536	1.567	-2.0	133	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.328	0.335	-2.1	127	0.00
93 T	1,2,4-Trichlorobenzene	1.034	1.042	-0.8	132	0.00
94 T	Hexachlorobutadiene	0.396	0.378	4.5	128	0.00
95 T	Naphthalene	3.763	4.128	-9.7	139	0.00
96 T	1,2,3-Trichlorobenzene	1.040	1.050	-1.0	134	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6