Evaluate Continuing Calibration Report

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX052418\
Data File : VX001941.D
Acq On : 24 May 2018 13:29
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX052418

Quant Time: May 25 03:40:24 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 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	116	0.00
2	T	Dichlorodifluoromethane	0.715	0.674	5.7	120	0.00
3	P	Chloromethane	0.769	0.733	4.7	115	0.00
4	C	Vinyl Chloride	0.743	0.701	5.7#	114	0.00
5	T	Bromomethane	0.397	0.399	-0.5	134	0.00
6	T	Chloroethane	0.438	0.413	5.7	113	0.00
7	T	Trichlorofluoromethane	1.116	1.080	3.2	116	0.00
8	T	Diethyl Ether	0.405	0.386	4.7	113	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.622	0.624	-0.3	122	0.00
10	T	Methyl Iodide	0.842	0.750	10.9	95	0.00
11	T	Tert butyl alcohol	0.175	0.164	6.3	110	0.00
12	CM	1,1-Dichloroethene	0.583	0.554	5.0#	116	0.00
13	T	Acrolein	0.076	0.072	5.3	121	0.00
14	T	Allyl chloride	1.223	1.159	5.2	113	0.00
15	T	Acrylonitrile	0.361	0.340	5.8	111	0.00
16	T	Acetone	0.345	0.333	3.5	116	0.00
17	T	Carbon Disulfide	1.677	1.641	2.1	118	0.00
18	T	Methyl Acetate	0.932	0.828	11.2	111	0.00
19	T	Methyl tert-butyl Ether	2.192	2.081	5.1	113	0.00
20	T	Methylene Chloride	0.676	0.609	9.9	114	0.00
21	T	trans-1,2-Dichloroethene	0.625	0.593	5.1	116	0.00
22	T	Diisopropyl ether	2.488	2.132	14.3	99	0.00
23	T	Vinyl Acetate	2.063	1.888	8.5	108	0.00
24	P	1,1-Dichloroethane	1.182	1.121	5.2	113	0.00
25	T	2-Butanone	0.632	0.598	5.4	110	0.00
26	T	2,2-Dichloropropane	1.196	1.180	1.3	120	0.00
27	T	cis-1,2-Dichloroethene	0.760	0.727	4.3	114	0.00
28	T	Bromochloromethane	0.484	0.477	1.4	106	0.00
29	T	Tetrahydrofuran	0.411	0.379	7.8	108	0.00
30	C	Chloroform	1.332	1.237	7.1#	113	0.00
31	T	Cyclohexane	1.232	1.167	5.3	115	0.00
32	T	1,1,1-Trichloroethane	1.242	1.173	5.6	113	0.00
33	S	1,2-Dichloroethane-d4	0.894	0.889	0.6	117	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35	S	Dibromofluoromethane	0.500	0.526	-5.2	118	0.00
36	T	1,1-Dichloropropene	0.695	0.704	-1.3	116	0.00
37	T	Ethyl Acetate	0.907	0.873	3.7	109	0.00
38	T	Carbon Tetrachloride	0.811	0.806	0.6	114	0.00
39	T	Methylcyclohexane	0.854	0.896	-4.9	121	0.00
40	TM	Benzene	2.038	2.031	0.3	112	0.00
41	T	Methacrylonitrile	0.552	0.495	10.3	111	0.00
42	TM	1,2-Dichloroethane	0.814	0.793	2.6	112	0.00
43	T	Isopropyl Acetate	1.511	1.487	1.6	110	0.00
44	TM	Trichloroethene	0.594	0.591	0.5	113	0.00
45	C	1,2-Dichloropropane	0.553	0.540	2.4#	112	0.00

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX052418

Quant Time: May 25 03:40:24 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 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)
46	T	Dibromomethane	0.366	0.363	0.8	112	0.00
47	T	Bromodichloromethane	0.781	0.769	1.5	113	0.00
48	T	Methyl methacrylate	0.769	0.756	1.7	111	0.00
49	T	1,4-Dioxane	0.014	0.013	7.1	109	0.00
50	S	Toluene-d8	1.810	1.937	-7.0	118	0.00
51	T	4-Methyl-2-Pentanone	0.911	0.889	2.4	109	0.00
52	CM	Toluene	1.297	1.295	0.2#	113	0.00
53	T	t-1,3-Dichloropropene	0.900	0.916	-1.8	114	0.00
54	T	cis-1,3-Dichloropropene	0.877	0.898	-2.4	115	0.00
55	T	1,1,2-Trichloroethane	0.542	0.525	3.1	112	0.00
56	T	Ethyl methacrylate	0.932	0.899	3.5	112	0.00
57	T	1,3-Dichloropropane	0.892	0.880	1.3	112	0.00
58	T	2-Chloroethyl Vinyl ether	0.413	0.505	-22.3#	139	0.00
59	T	2-Hexanone	0.702	0.702	0.0	111	0.00
60	T	Dibromochloromethane	0.642	0.651	-1.4	114	0.00
61	T	1,2-Dibromoethane	0.568	0.564	0.7	112	0.00
62	S	4-Bromofluorobenzene	0.708	0.780	-10.2	122	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64	T	Tetrachloroethene	0.717	0.713	0.6	115	0.00
65	PM	Chlorobenzene	1.584	1.585	-0.1	115	0.00
66	T	1,1,1,2-Tetrachloroethane	0.640	0.629	1.7	114	0.00
67	C	Ethyl Benzene	2.752	2.787	-1.3#	115	0.00
68	T	m/p-Xylenes	1.052	1.076	-2.3	117	0.00
69	T	o-Xylene	1.051	1.055	-0.4	116	0.00
70	T	Styrene	1.742	1.774	-1.8	116	0.00
71	P	Bromoform	0.607	0.611	-0.7	114	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73	T	Isopropylbenzene	4.234	4.100	3.2	116	0.00
74	T	N-amyl acetate	2.508	2.289	8.7	110	0.00
75	P	1,1,2,2-Tetrachloroethane	1.296	1.202	7.3	117	0.00
76	T	1,2,3-Trichloropropane	1.201	1.287	-7.2	133	0.00
77	T	Bromobenzene	1.123	1.093	2.7	117	0.00
78	T	n-propylbenzene	4.742	4.723	0.4	118	0.00
79	T	2-Chlorotoluene	2.938	2.797	4.8	117	0.00
80	T	1,3,5-Trimethylbenzene	3.618	3.541	2.1	118	0.00
81	T	trans-1,4-Dichloro-2-butene	0.500	0.461	7.8	114	0.00
82	T	4-Chlorotoluene	3.345	3.299	1.4	118	0.00
83	T	tert-Butylbenzene	3.551	3.460	2.6	119	0.00
84	T	1,2,4-Trimethylbenzene	3.739	3.656	2.2	119	0.00
85	T	sec-Butylbenzene	4.268	4.279	-0.3	120	0.00
86	T	p-Isopropyltoluene	3.819	3.898	-2.1	122	0.00
87	T	1,3-Dichlorobenzene	2.012	2.006	0.3	120	0.00
88	T	1,4-Dichlorobenzene	2.011	2.026	-0.7	120	0.00
89	T	n-Butylbenzene	3.236	3.425	-5.8	123	0.00

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
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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)
90 T	Hexachloroethane	0.753	0.731	2.9	116	0.00
91 T	1,2-Dichlorobenzene	2.050	2.020	1.5	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.376	0.349	7.2	111	0.00
93 T	1,2,4-Trichlorobenzene	1.466	1.553	-5.9	124	0.00
94 T	Hexachlorobutadiene	0.788	0.841	-6.7	126	0.00
95 T	Naphthalene	4.516	4.523	-0.2	118	0.00
96 T	1,2,3-Trichlorobenzene	1.517	1.561	-2.9	121	0.00

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