Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX081418\
Data File : VX004028.D
Acq On : 14 Aug 2018 13:44
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ICVVX081418

Quant Time: Aug 28 17:28:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 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	91	0.00
2	T	Dichlorodifluoromethane	0.487	0.432	11.3	80	0.00
3	P	Chloromethane	0.597	0.623	-4.4	98	0.00
4	C	Vinyl Chloride	0.646	0.605	6.3#	86	0.00
5	T	Bromomethane	0.369	0.382	-3.5	108	0.00
6	T	Chloroethane	0.496	0.434	12.5	91	0.00
7	T	Trichlorofluoromethane	0.907	0.801	11.7	83	0.00
8	T	Diethyl Ether	0.396	0.424	-7.1	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.566	0.483	14.7	80	0.00
10	T	Methyl Iodide	0.548	0.581	-6.0	93	0.00
11	T	Tert butyl alcohol	0.142	0.159	-12.0	102	0.00
12	CM	1,1-Dichloroethene	0.526	0.498	5.3#	88	0.00
13	T	Acrolein	0.088	0.102	-15.9	97	0.00
14	T	Allyl chloride	1.001	1.003	-0.2	94	0.00
15	T	Acrylonitrile	0.354	0.383	-8.2	101	0.00
16	T	Acetone	0.366	0.365	0.3	95	0.00
17	T	Carbon Disulfide	1.492	1.429	4.2	90	0.00
18	T	Methyl Acetate	0.814	0.822	-1.0	97	0.00
19	T	Methyl tert-butyl Ether	1.853	2.072	-11.8	105	0.00
20	T	Methylene Chloride	0.662	0.647	2.3	98	0.00
21	T	trans-1,2-Dichloroethene	0.597	0.602	-0.8	96	0.00
22	T	Diisopropyl ether	1.961	2.047	-4.4	99	0.00
23	T	Vinyl Acetate	1.611	1.779	-10.4	100	0.00
24	P	1,1-Dichloroethane	1.111	1.154	-3.9	98	0.00
25	T	2-Butanone	0.596	0.599	-0.5	94	0.00
26	T	2,2-Dichloropropane	0.883	0.825	6.6	89	0.00
27	T	cis-1,2-Dichloroethene	0.672	0.690	-2.7	97	0.00
28	T	Bromochloromethane	0.510	0.549	-7.6	96	0.00
29	T	Tetrahydrofuran	0.304	0.308	-1.3	95	0.00
30	C	Chloroform	1.084	1.107	-2.1#	96	0.00
31	T	Cyclohexane	0.974	0.833	14.5	81	-0.01
32	T	1,1,1-Trichloroethane	0.906	0.885	2.3	90	0.00
33	S	1,2-Dichloroethane-d4	0.704	0.767	-8.9	98	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35	S	Dibromofluoromethane	0.374	0.405	-8.3	101	0.00
36	T	1,1-Dichloropropene	0.569	0.515	9.5	89	0.00
37	T	Ethyl Acetate	0.620	0.606	2.3	96	0.00
38	T	Carbon Tetrachloride	0.553	0.488	11.8	86	0.00
39	T	Methylcyclohexane	0.645	0.527	18.3	76	0.00
40	TM	Benzene	1.708	1.667	2.4	95	0.00
41	T	Methacrylonitrile	0.347	0.332	4.3	96	0.00
42	TM	1,2-Dichloroethane	0.598	0.595	0.5	98	0.00
43	T	Isopropyl Acetate	0.913	0.968	-6.0	102	0.00
44	TM	Trichloroethene	0.464	0.434	6.5	92	0.00
45	C	1,2-Dichloropropane	0.437	0.436	0.2#	97	0.00

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.286	0.290	-1.4	99	0.00
47	T	Bromodichloromethane	0.541	0.550	-1.7	97	0.00
48	T	Methyl methacrylate	0.460	0.502	-9.1	100	0.00
49	T	1,4-Dioxane	0.010	0.011	-10.0	95	0.00
50	S	Toluene-d8	1.517	1.563	-3.0	95	0.00
51	T	4-Methyl-2-Pentanone	0.749	0.787	-5.1	97	0.00
52	CM	Toluene	1.080	1.079	0.1#	95	0.00
53	T	t-1,3-Dichloropropene	0.585	0.650	-11.1	101	0.00
54	T	cis-1,3-Dichloropropene	0.648	0.696	-7.4	99	0.00
55	T	1,1,2-Trichloroethane	0.446	0.448	-0.4	98	0.00
56	T	Ethyl methacrylate	0.607	0.680	-12.0	99	0.00
57	T	1,3-Dichloropropane	0.740	0.761	-2.8	99	0.00
58	T	2-Chloroethyl Vinyl ether	0.309	0.355	-14.9	100	0.00
59	T	2-Hexanone	0.564	0.599	-6.2	96	0.00
60	T	Dibromochloromethane	0.429	0.452	-5.4	98	0.00
61	T	1,2-Dibromoethane	0.455	0.474	-4.2	99	0.00
62	S	4-Bromofluorobenzene	0.550	0.603	-9.6	101	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64	T	Tetrachloroethene	0.474	0.413	12.9	89	0.00
65	PM	Chlorobenzene	1.292	1.256	2.8	99	0.00
66	T	1,1,1,2-Tetrachloroethane	0.441	0.442	-0.2	100	0.00
67	C	Ethyl Benzene	2.045	2.053	-0.4#	97	0.00
68	T	m/p-Xylenes	0.801	0.821	-2.5	97	0.00
69	T	o-Xylene	0.765	0.800	-4.6	97	0.00
70	T	Styrene	1.288	1.368	-6.2	98	0.00
71	P	Bromoform	0.349	0.359	-2.9	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	3.384	3.228	4.6	91	0.00
74	T	N-amyl acetate	1.591	1.571	1.3	102	0.00
75	P	1,1,2,2-Tetrachloroethane	1.182	1.127	4.7	98	0.00
76	T	1,2,3-Trichloropropane	1.003	1.039	-3.6	103	0.00
77	T	Bromobenzene	0.933	0.920	1.4	99	0.00
78	T	n-propylbenzene	3.787	3.745	1.1	91	0.00
79	T	2-Chlorotoluene	2.308	2.276	1.4	96	0.00
80	T	1,3,5-Trimethylbenzene	2.771	2.723	1.7	92	0.00
81	T	trans-1,4-Dichloro-2-butene	0.324	0.340	-4.9	99	0.00
82	T	4-Chlorotoluene	2.728	2.727	0.0	96	0.00
83	T	tert-Butylbenzene	2.793	2.680	4.0	92	0.00
84	T	1,2,4-Trimethylbenzene	2.869	2.908	-1.4	94	0.00
85	T	sec-Butylbenzene	3.269	3.035	7.2	87	0.00
86	T	p-Isopropyltoluene	2.960	2.854	3.6	91	0.00
87	T	1,3-Dichlorobenzene	1.779	1.704	4.2	98	0.00
88	T	1,4-Dichlorobenzene	1.831	1.755	4.2	100	0.00
89	T	n-Butylbenzene	2.332	2.341	-0.4	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.443	0.392	11.5	90	0.00
91 T	1,2-Dichlorobenzene	1.604	1.673	-4.3	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.208	0.206	1.0	98	0.00
93 T	1,2,4-Trichlorobenzene	1.097	1.059	3.5	92	0.00
94 T	Hexachlorobutadiene	0.550	0.443	19.5	83	0.00
95 T	Naphthalene	3.155	3.670	-16.3	102	0.00
96 T	1,2,3-Trichlorobenzene	1.196	1.136	5.0	90	0.00

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