Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005461.D
Acq On : 14 May 2016 13:09
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02036

Quant Time: May 16 13:03:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	46	0.00
2		1,4-Dioxane	0.776	0.795	-2.4	44	0.00
3	S	1,4-Dioxane-d8	0.425	0.434	-2.1	46	0.00
4		Benzaldehyde	0.879	1.099	-25.0#	44	0.00
5	S	Phenol-d5	1.814	1.745	3.8	43	0.00
6		Phenol	1.875	1.870	0.3	44	0.00
7	S	Bis-(2-Chloroethyl)ether-d8	1.035	1.037	-0.2	43	0.00
8		Bis(2-Chloroethyl)ether	1.411	1.384	1.9	43	0.00
9	S	2-Chlorophenol-d4	1.370	1.373	-0.2	45	0.00
10		2-Chlorophenol	1.401	1.411	-0.7	45	0.00
11		2-Methylphenol	1.449	1.387	4.3	43	0.00
12		2,2'-oxybis(1-Chloropropane	1.915	1.964	-2.6	45	0.00
13	S	4-Methylphenol-d8	1.499	1.414	5.7	43	0.00
14		Acetophenone	2.221	2.291	-3.2	44	0.00
15	P	N-Nitroso-di-n-propylamine	1.161	1.171	-0.9	44	0.00
16		4-Methylphenol	1.608	1.545	3.9	42	0.00
17		Hexachloroethane	0.527	0.542	-2.8	46	0.00
18	I	Naphthalene-d8	1.000	1.000	0.0	43	0.00
19	S	Nitrobenzene-d5	0.143	0.152	-6.3	45	0.00
20		Nitrobenzene	0.357	0.376	-5.3	44	0.00
21		Isophorone	0.694	0.709	-2.2	43	0.00
22	S	2-Nitrophenol-d4	0.162	0.166	-2.5	43	0.00
23	C	2-Nitrophenol	0.174	0.183	-5.2	44	0.00
24		2,4-Dimethylphenol	0.370	0.387	-4.6	44	0.00
25		Bis(2-Chloroethoxy)methane	0.432	0.422	2.3	41	0.00
26	S	2,4-Dichlorophenol-d3	0.300	0.313	-4.3	43	0.00
27	C	2,4-Dichlorophenol	0.308	0.316	-2.6	43	0.00
28		Naphthalene	1.006	1.037	-3.1	44	0.00
29	S	4-Chloroaniline-d4	0.362	0.411	-13.5	42	0.00
30		4-Chloroaniline	0.369	0.421	-14.1	42	0.00
31	C	Hexachlorobutadiene	0.183	0.203	-10.9	48	0.00
32		Caprolactam	0.115	0.110	4.3	42	0.00
33	C	4-Chloro-3-methylphenol	0.369	0.380	-3.0	43	0.00
34		2-Methylnaphthalene	0.753	0.764	-1.5	43	0.00
35	I	Acenaphthene-d10	1.000	1.000	0.0	44	0.00
36		1,2,4,5-Tetrachlorobenzene	0.608	0.632	-3.9	44	0.00
37		Hexachlorocyclopentadiene	0.311	0.101	67.5#	15#	0.00
38	C	2,4,6-Trichlorophenol	0.405	0.404	0.2	42	0.00
39		2,4,5-Trichlorophenol	0.450	0.425	5.6	41	0.00
40		1,1'-Biphenyl	1.584	1.597	-0.8	43	0.00
41		2-Chloronaphthalene	1.198	1.219	-1.8	43	0.00
42		2-Nitroaniline	0.369	0.392	-6.2	44	0.00
43	S	Dimethylphthalate-d6	1.603	1.639	-2.2	43	0.00
44		Dimethylphthalate	1.602	1.643	-2.6	43	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		2,6-Dinitrotoluene	0.316	0.338	-7.0	44	0.00
46	S	Acenaphthylene-d8	1.880	1.942	-3.3	43	0.00
47		Acenaphthylene	1.989	2.068	-4.0	44	0.00
48		3-Nitroaniline	0.337	0.366	-8.6	44	0.00
49	C	Acenaphthene	1.311	1.360	-3.7	45	0.00
50		2,4-Dinitrophenol	0.182	0.117	35.7#	33	0.01
51	S	4-Nitrophenol-d4	0.293	0.229	21.8#	33	0.00
52		4-Nitrophenol	0.243	0.206	15.2	37	0.00
53		Dibenzofuran	1.902	1.981	-4.2	44	0.00
54		2,4-Dinitrotoluene	0.471	0.516	-9.6	46	0.00
55		2,3,4,6-Tetrachlorophenol	0.382	0.372	2.6	41	0.00
56		Diethylphthalate	1.618	1.689	-4.4	44	0.00
57	S	Fluorene-d10	1.384	1.450	-4.8	45	0.00
58		Fluorene	1.487	1.620	-8.9	47	0.00
59		4-Chlorophenyl-phenylether	0.737	0.804	-9.1	47	0.00
60		4-Nitroaniline	0.357	0.363	-1.7	43	0.00
61	I	Phenanthrene-d10	1.000	1.000	0.0	45	0.00
62	S	4,6-Dinitro-2-methylphenol-	0.113	0.109	3.5	44	0.00
63		4,6-Dinitro-2-methylphenol	0.118	0.113	4.2	43	0.00
64		N-Nitrosodiphenylamine	0.548	0.571	-4.2	46	0.00
65		4-Bromophenyl-phenylether	0.192	0.204	-6.2	46	0.00
66		Hexachlorobenzene	0.215	0.230	-7.0	46	0.00
67		Atrazine	0.200	0.225	-12.5	46	0.00
68	C	Pentachlorophenol	0.120	0.087	27.5#	33	0.00
69		Phenanthrene	1.052	1.116	-6.1	46	0.00
70	S	Anthracene-d10	0.884	0.952	-7.7	47	0.00
71		Anthracene	1.048	1.147	-9.4	47	0.00
72		Carbazole	0.922	1.082	-17.4	47	0.00
73		Di-n-butylphthalate	1.125	1.291	-14.8	48	0.00
74	C	Fluoranthene	1.165	1.442	-23.8	48	0.00
75	I	Chrysene-d12	1.000	1.000	0.0	54	0.00
76	S	Pyrene-d10	0.923	0.875	5.2	49	0.00
77		Pyrene	1.160	1.114	4.0	50	0.00
78		Butylbenzylphthalate	0.482	0.488	-1.2	52	0.00
79		3,3'-Dichlorobenzidine	0.360	0.408	-13.3	54	0.00
80		Benzo(a)anthracene	1.150	1.171	-1.8	52	0.00
81		Bis(2-ethylhexyl)phthalate	0.669	0.724	-8.2	53	0.00
82		Chrysene	1.091	1.133	-3.8	53	0.00
83	I	Perylene-d12	1.000	1.000	0.0	53	0.00
84		Di-n-octyl phthalate	1.168	1.332	-14.0	56	0.00
85		Benzo(b)fluoranthene	1.169	1.229	-5.1	55	0.00
86		Benzo(k)fluoranthene	1.101	1.172	-6.4	54	0.00
87	S	Benzo(a)pyrene-d12	0.885	0.931	-5.2	55	0.00

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88 C	Benzo(a)pyrene	1.106	1.169	-5.7	54	0.00
89	Indeno(1,2,3-cd)pyrene	1.206	1.196	0.8	51	0.01
90	Dibenzo(a,h)anthracene	1.010	1.016	-0.6	51	0.00
91	Benzo(g,h,i)perylene	1.022	0.983	3.8	50	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 1