Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005612.D
Acq On : 23 May 2016 09:06
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02063

Quant Time: May 23 09:44:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 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	43	0.02
2		1,4-Dioxane	0.806	0.998	-23.8#	52	0.02
3	S	1,4-Dioxane-d8	0.457	0.570	-24.7#	53	0.02
4		Benzaldehyde	1.064	0.799	24.9#	29	0.02
5	S	Phenol-d5	1.639	1.809	-10.4	45	0.02
6		Phenol	1.689	1.876	-11.1	44	0.03
7	S	Bis-(2-Chloroethyl)ether-d8	0.950	0.991	-4.3	42	0.02
8		Bis(2-Chloroethyl)ether	1.276	1.316	-3.1	41	0.02
9	S	2-Chlorophenol-d4	1.368	1.420	-3.8	43	0.02
10		2-Chlorophenol	1.372	1.442	-5.1	44	0.02
11		2-Methylphenol	1.280	1.452	-13.4	46	0.02
12		2,2'-oxybis(1-Chloropropane	1.704	1.735	-1.8	41	0.01
13	S	4-Methylphenol-d8	1.343	1.573	-17.1	47	0.02
14		Acetophenone	2.023	2.419	-19.6	47	0.02
15	P	N-Nitroso-di-n-propylamine	1.068	1.269	-18.8	47	0.02
16		4-Methylphenol	1.390	1.674	-20.4#	48	0.02
17		Hexachloroethane	0.549	0.541	1.5	40	0.02
18	I	Naphthalene-d8	1.000	1.000	0.0	47	0.02
19	S	Nitrobenzene-d5	0.153	0.152	0.7	46	0.02
20		Nitrobenzene	0.370	0.367	0.8	46	0.02
21		Isophorone	0.693	0.756	-9.1	49	0.02
22	S	2-Nitrophenol-d4	0.168	0.205	-22.0#	56	0.02
23	C	2-Nitrophenol	0.181	0.215	-18.8	54	0.02
24		2,4-Dimethylphenol	0.374	0.407	-8.8	50	0.02
25		Bis(2-Chloroethoxy)methane	0.408	0.416	-2.0	47	0.02
26	S	2,4-Dichlorophenol-d3	0.317	0.358	-12.9	52	0.02
27	C	2,4-Dichlorophenol	0.312	0.349	-11.9	50	0.02
28		Naphthalene	1.005	0.991	1.4	45	0.02
29	S	4-Chloroaniline-d4	0.318	0.385	-21.1#	55	0.02
30		4-Chloroaniline	0.325	0.395	-21.5#	55	0.02
31	C	Hexachlorobutadiene	0.209	0.207	1.0	46	0.02
32		Caprolactam	0.104	0.152	-46.2#	66	0.05
33	C	4-Chloro-3-methylphenol	0.342	0.414	-21.1	54	0.02
34		2-Methylnaphthalene	0.735	0.773	-5.2	48	0.02
35	I	Acenaphthene-d10	1.000	1.000	0.0	55	0.02
36		1,2,4,5-Tetrachlorobenzene	0.683	0.631	7.6	49	0.02
37		Hexachlorocyclopentadiene	0.429	0.214	50.1#	28	0.02
38	C	2,4,6-Trichlorophenol	0.445	0.515	-15.7	62	0.02
39		2,4,5-Trichlorophenol	0.490	0.556	-13.5	61	0.03
40		1,1'-Biphenyl	1.679	1.569	6.6	50	0.02
41		2-Chloronaphthalene	1.294	1.195	7.7	50	0.02
42		2-Nitroaniline	0.389	0.418	-7.5	57	0.02
43	S	Dimethylphthalate-d6	1.633	1.699	-4.0	56	0.02
44		Dimethylphthalate	1.613	1.658	-2.8	56	0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		2,6-Dinitrotoluene	0.326	0.348	-6.7	58	0.02
46	S	Acenaphthylene-d8	2.041	2.011	1.5	53	0.02
47		Acenaphthylene	2.074	2.027	2.3	52	0.02
48		3-Nitroaniline	0.302	0.358	-18.5	62	0.02
49	C	Acenaphthene	1.367	1.344	1.7	53	0.02
50		2,4-Dinitrophenol	0.183	0.011	94.0#	4#	0.03
51	S	4-Nitrophenol-d4	0.309	0.350	-13.3	60	0.03
52		4-Nitrophenol	0.310	0.360	-16.1	64	0.04
53		Dibenzofuran	1.953	1.935	0.9	53	0.02
54		2,4-Dinitrotoluene	0.476	0.516	-8.4	58	0.02
55		2,3,4,6-Tetrachlorophenol	0.429	0.528	-23.1#	66	0.03
56		Diethylphthalate	1.645	1.784	-8.4	58	0.02
57	S	Fluorene-d10	1.421	1.444	-1.6	55	0.02
58		Fluorene	1.563	1.641	-5.0	56	0.02
59		4-Chlorophenyl-phenylether	0.781	0.800	-2.4	55	0.02
60		4-Nitroaniline	0.369	0.400	-8.4	57	0.02
61	I	Phenanthrene-d10	1.000	1.000	0.0	61	0.02
62	S	4,6-Dinitro-2-methylphenol-	0.115	0.028	75.7#	15#	0.03
63		4,6-Dinitro-2-methylphenol	0.121	0.028	76.9#	14#	0.03
64		N-Nitrosodiphenylamine	0.607	0.585	3.6	57	0.02
65		4-Bromophenyl-phenylether	0.223	0.218	2.2	58	0.02
66		Hexachlorobenzene	0.254	0.251	1.2	58	0.02
67		Atrazine	0.227	0.247	-8.8	63	0.02
68	C	Pentachlorophenol	0.152	0.088	42.1#	34	0.03
69		Phenanthrene	1.118	1.099	1.7	58	0.02
70	S	Anthracene-d10	0.953	0.954	-0.1	59	0.02
71		Anthracene	1.139	1.142	-0.3	60	0.02
72		Carbazole	0.989	1.080	-9.2	63	0.02
73		Di-n-butylphthalate	1.200	1.325	-10.4	65	0.02
74	C	Fluoranthene	1.258	1.859	-47.8#	84	0.02
75	I	Chrysene-d12	1.000	1.000	0.0	70	0.02
76	S	Pyrene-d10	0.906	1.142	-26.0#	85	0.02
77		Pyrene	1.150	1.433	-24.6#	84	0.02
78		Butylbenzylphthalate	0.485	0.488	-0.6	68	0.02
79		3,3'-Dichlorobenzidine	0.363	0.355	2.2	60	0.02
80		Benzo(a)anthracene	1.176	1.146	2.6	66	0.03
81		Bis(2-ethylhexyl)phthalate	0.684	0.686	-0.3	67	0.02
82		Chrysene	1.118	1.082	3.2	65	0.03
83	I	Perylene-d12	1.000	1.000	0.0	83	0.05
84		Di-n-octyl phthalate	1.147	1.070	6.7	73	0.02
85		Benzo(b)fluoranthene	1.180	1.070	9.3	75	0.04
86		Benzo(k)fluoranthene	1.117	1.045	6.4	75	0.04
87	S	Benzo(a)pyrene-d12	0.934	0.902	3.4	79	0.04

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88 C	Benzo(a)pyrene	1.144	1.092	4.5	78	0.04
89	Indeno(1,2,3-cd)pyrene	1.359	1.464	-7.7	87	0.07
90	Dibenzo(a,h)anthracene	1.132	1.232	-8.8	87	0.06
91	Benzo(g,h,i)perylene	1.143	1.238	-8.3	88	0.07

(#) = Out of Range SPCC's out = 0 CCC's out = 2