Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009862.D
Acq On : 02 May 2017 10:25
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02044

Quant Time: May 02 14:13:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 02 01:45:45 2017
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	172#	0.01
2		1,4-Dioxane	0.535	0.466	12.9	142	0.00
3	S	1,4-Dioxane-d8	0.434	0.412	5.1	157#	0.00
4		Benzaldehyde	1.415	1.231	13.0	133	0.01
5	S	Phenol-d5	2.173	2.022	6.9	163#	0.04
6		Phenol	2.246	2.053	8.6	160#	0.04
7	S	Bis-(2-Chloroethyl)ether-d8	1.482	1.338	9.7	155#	0.01
8		Bis(2-Chloroethyl)ether	1.686	1.514	10.2	153#	0.01
9	S	2-Chlorophenol-d4	1.382	1.393	-0.8	174#	0.02
10		2-Chlorophenol	1.415	1.415	0.0	170#	0.02
11		2-Methylphenol	1.616	1.468	9.2	158#	0.03
12		2,2'-oxybis(1-Chloropropane	2.816	2.635	6.4	161#	0.01
13	S	4-Methylphenol-d8	1.694	1.558	8.0	157#	0.04
14		Acetophenone	2.786	2.501	10.2	154#	0.01
15	P	N-Nitroso-di-n-propylamine	1.730	1.516	12.4	149	0.02
16		4-Methylphenol	1.789	1.649	7.8	160#	0.04
17		Hexachloroethane	0.657	0.641	2.4	164#	0.01
18	I	Naphthalene-d8	1.000	1.000	0.0	160#	0.02
19	S	Nitrobenzene-d5	0.163	0.158	3.1	153#	0.02
20		Nitrobenzene	0.529	0.523	1.1	161#	0.02
21		Isophorone	0.936	0.879	6.1	149	0.02
22	S	2-Nitrophenol-d4	0.171	0.181	-5.8	171#	0.02
23	C	2-Nitrophenol	0.187	0.183	2.1	159#	0.02
24		2,4-Dimethylphenol	0.464	0.444	4.3	153#	0.03
25		Bis(2-Chloroethoxy)methane	0.543	0.498	8.3	146	0.02
26	S	2,4-Dichlorophenol-d3	0.343	0.350	-2.0	161#	0.04
27	C	2,4-Dichlorophenol	0.338	0.338	0.0	164#	0.04
28		Naphthalene	1.065	1.024	3.8	156#	0.02
29	S	4-Chloroaniline-d4	0.413	0.422	-2.2	151#	0.02
30		4-Chloroaniline	0.412	0.410	0.5	148	0.02
31	C	Hexachlorobutadiene	0.236	0.235	0.4	164#	0.01
32		Caprolactam	0.127	0.110	13.4	141	0.05
33	C	4-Chloro-3-methylphenol	0.421	0.400	5.0	150#	0.04
34		2-Methylnaphthalene	0.819	0.758	7.4	148	0.02
35	I	Acenaphthene-d10	1.000	1.000	0.0	144	0.02
36		1,2,4,5-Tetrachlorobenzene	0.678	0.717	-5.8	155#	0.02
37		Hexachlorocyclopentadiene	0.362	0.069	80.9#	31	0.01
38	C	2,4,6-Trichlorophenol	0.461	0.482	-4.6	154#	0.03
39		2,4,5-Trichlorophenol	0.475	0.482	-1.5	148	0.04
40		1,1'-Biphenyl	1.645	1.646	-0.1	146	0.02
41		2-Chloronaphthalene	1.265	1.304	-3.1	149	0.02
42		2-Nitroaniline	0.539	0.550	-2.0	144	0.02
43	S	Dimethylphthalate-d6	1.740	1.608	7.6	134	0.01
44		Dimethylphthalate	1.721	1.605	6.7	133	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		2,6-Dinitrotoluene	0.346	0.346	0.0	143	0.02
46	S	Acenaphthylene-d8	2.098	2.093	0.2	144	0.02
47		Acenaphthylene	2.069	2.031	1.8	142	0.02
48		3-Nitroaniline	0.341	0.347	-1.8	137	0.02
49	C	Acenaphthene	1.407	1.368	2.8	141	0.02
50		2,4-Dinitrophenol	0.231	0.086	62.8#	60	0.03
51	S	4-Nitrophenol-d4	0.336	0.202	39.9#	90	0.05
52		4-Nitrophenol	0.385	0.240	37.7#	96	0.05
53		Dibenzofuran	2.061	1.997	3.1	140	0.02
54		2,4-Dinitrotoluene	0.521	0.491	5.8	135	0.02
55		2,3,4,6-Tetrachlorophenol	0.461	0.366	20.6#	115	0.03
56		Diethylphthalate	1.877	1.662	11.5	130	0.02
57	S	Fluorene-d10	1.570	1.470	6.4	137	0.02
58		Fluorene	1.759	1.626	7.6	136	0.02
59		4-Chlorophenyl-phenylether	0.911	0.838	8.0	133	0.02
60		4-Nitroaniline	0.398	0.338	15.1	122	0.02
61	I	Phenanthrene-d10	1.000	1.000	0.0	130	0.02
62	S	4,6-Dinitro-2-methylphenol-	0.141	0.080	43.3#	81	0.03
63		4,6-Dinitro-2-methylphenol	0.146	0.081	44.5#	77	0.02
64		N-Nitrosodiphenylamine	0.614	0.622	-1.3	132	0.02
65		4-Bromophenyl-phenylether	0.228	0.232	-1.8	133	0.02
66		Hexachlorobenzene	0.250	0.256	-2.4	131	0.02
67		Atrazine	0.246	0.235	4.5	127	0.02
68	C	Pentachlorophenol	0.154	0.062	59.7#	56	0.03
69		Phenanthrene	1.150	1.110	3.5	126	0.02
70	S	Anthracene-d10	1.027	1.006	2.0	127	0.02
71		Anthracene	1.203	1.165	3.2	128	0.02
72		Carbazole	1.082	0.976	9.8	120	0.02
73		Di-n-butylphthalate	1.318	1.321	-0.2	130	0.02
74	C	Fluoranthene	1.450	1.233	15.0	114	0.02
75	I	Chrysene-d12	1.000	1.000	0.0	92	0.03
76	S	Pyrene-d10	0.883	1.040	-17.8	109	0.02
77		Pyrene	1.130	1.305	-15.5	107	0.02
78		Butylbenzylphthalate	0.468	0.605	-29.3#	120	0.02
79		3,3'-Dichlorobenzidine	0.370	0.285	23.0#	64	0.02
80		Benzo(a)anthracene	1.186	1.157	2.4	90	0.02
81		Bis(2-ethylhexyl)phthalate	0.710	0.854	-20.3#	112	0.01
82		Chrysene	1.068	1.046	2.1	89	0.02
83	I	Perylene-d12	1.000	1.000	0.0	85	0.04
84		Di-n-octyl phthalate	1.461	1.557	-6.6	103	0.02
85		Benzo(b)fluoranthene	1.299	1.231	5.2	85	0.04
86		Benzo(k)fluoranthene	1.190	1.193	-0.3	87	0.04
87	S	Benzo(a)pyrene-d12	0.973	0.957	1.6	86	0.04

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88 C	Benzo(a)pyrene	1.208	1.191	1.4	85	0.04
89	Indeno(1,2,3-cd)pyrene	1.308	1.373	-5.0	88	0.06
90	Dibenzo(a,h)anthracene	1.114	1.170	-5.0	89	0.06
91	Benzo(g,h,i)perylene	1.052	1.143	-8.7	90	0.08

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