Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM092217\
Data File : BM011685.D
Acq On : 22 Sep 2017 10:22
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02034

Quant Time: Sep 22 23:38:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 08:34:40 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	82	0.01
2		1,4-Dioxane	0.487	0.449	7.8	75	0.00
3	S	1,4-Dioxane-d8	0.445	0.409	8.1	75	0.00
4		Benzaldehyde	1.097	1.152	-5.0	80	0.00
5	S	Phenol-d5	1.920	1.894	1.4	83	0.01
6		Phenol	1.906	1.914	-0.4	84	0.01
7	S	Bis-(2-Chloroethyl)ether-d8	1.294	1.381	-6.7	87	0.00
8		Bis(2-Chloroethyl)ether	1.501	1.504	-0.2	83	0.00
9	S	2-Chlorophenol-d4	1.447	1.496	-3.4	85	0.00
10		2-Chlorophenol	1.412	1.439	-1.9	84	0.01
11		2-Methylphenol	1.445	1.424	1.5	83	0.01
12		2,2'-oxybis(1-Chloropropane	2.433	2.961	-21.7#	99	0.01
13	S	4-Methylphenol-d8	1.499	1.475	1.6	82	0.01
14		Acetophenone	2.292	2.329	-1.6	84	0.01
15	P	N-Nitroso-di-n-propylamine	1.230	1.351	-9.8	90	0.02
16		4-Methylphenol	1.582	1.562	1.3	82	0.01
17		Hexachloroethane	0.540	0.604	-11.9	93	0.01
18	I	Naphthalene-d8	1.000	1.000	0.0	82	0.01
19	S	Nitrobenzene-d5	0.152	0.162	-6.6	87	0.00
20		Nitrobenzene	0.357	0.412	-15.4	95	0.01
21		Isophorone	0.719	0.762	-6.0	86	0.01
22	S	2-Nitrophenol-d4	0.158	0.172	-8.9	90	0.01
23	C	2-Nitrophenol	0.166	0.175	-5.4	86	0.02
24		2,4-Dimethylphenol	0.355	0.372	-4.8	85	0.01
25		Bis(2-Chloroethoxy)methane	0.469	0.459	2.1	81	0.01
26	S	2,4-Dichlorophenol-d3	0.318	0.319	-0.3	82	0.01
27	C	2,4-Dichlorophenol	0.306	0.305	0.3	81	0.01
28		Naphthalene	1.037	1.023	1.4	81	0.01
29	S	4-Chloroaniline-d4	0.351	0.414	-17.9	109	0.01
30		4-Chloroaniline	0.333	0.393	-18.0	108	0.01
31	C	Hexachlorobutadiene	0.174	0.200	-14.9	95	0.01
32		Caprolactam	0.096	0.090	6.3	79	0.01
33	C	4-Chloro-3-methylphenol	0.325	0.327	-0.6	83	0.01
34		2-Methylnaphthalene	0.770	0.732	4.9	78	0.01
35		1-Methylnaphthalene	0.734	0.695	5.3	78	0.01
36	I	Acenaphthene-d10	1.000	1.000	0.0	77	0.01
37		1,2,4,5-Tetrachlorobenzene	0.593	0.671	-13.2	85	0.01
38		Hexachlorocyclopentadiene	0.333	0.325	2.4	79	0.01
39	C	2,4,6-Trichlorophenol	0.404	0.448	-10.9	84	0.01
40		2,4,5-Trichlorophenol	0.410	0.448	-9.3	83	0.01
41		1,1'-Biphenyl	1.664	1.677	-0.8	76	0.01
42		2-Chloronaphthalene	1.252	1.291	-3.1	78	0.01
43		2-Nitroaniline	0.389	0.475	-22.1#	91	0.01
44	S	Dimethylphthalate-d6	1.691	1.660	1.8	74	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		Dimethylphthalate	1.619	1.586	2.0	73	0.01
46		2,6-Dinitrotoluene	0.286	0.311	-8.7	81	0.01
47	S	Acenaphthylene-d8	2.045	2.099	-2.6	77	0.01
48		Acenaphthylene	2.058	2.094	-1.7	76	0.01
49		3-Nitroaniline	0.353	0.334	5.4	75	0.01
50	C	Acenaphthene	1.391	1.378	0.9	75	0.01
51		2,4-Dinitrophenol	0.177	0.151	14.7	75	0.01
52	S	4-Nitrophenol-d4	0.318	0.285	10.4	72	0.00
53		4-Nitrophenol	0.204	0.234	-14.7	93	0.01
54		Dibenzofuran	1.945	1.904	2.1	74	0.01
55		2,4-Dinitrotoluene	0.420	0.433	-3.1	77	0.01
56		2,3,4,6-Tetrachlorophenol	0.373	0.400	-7.2	81	0.01
57		Diethylphthalate	1.685	1.623	3.7	72	0.01
58	S	Fluorene-d10	1.465	1.437	1.9	74	0.01
59		Fluorene	1.630	1.575	3.4	72	0.01
60		4-Chlorophenyl-phenylether	0.764	0.791	-3.5	78	0.01
61		4-Nitroaniline	0.378	0.353	6.6	72	0.01
62	I	Phenanthrene-d10	1.000	1.000	0.0	72	0.01
63	S	4,6-Dinitro-2-methylphenol-	0.116	0.110	5.2	75	0.01
64		4,6-Dinitro-2-methylphenol	0.119	0.112	5.9	73	0.01
65		N-Nitrosodiphenylamine	0.609	0.607	0.3	71	0.01
66		4-Bromophenyl-phenylether	0.204	0.223	-9.3	79	0.01
67		Hexachlorobenzene	0.225	0.244	-8.4	79	0.01
68		Atrazine	0.211	0.218	-3.3	76	0.01
69	C	Pentachlorophenol	0.144	0.146	-1.4	80	0.01
70		Phenanthrene	1.115	1.101	1.3	69	0.01
71	S	Anthracene-d10	0.985	1.003	-1.8	72	0.01
72		Anthracene	1.144	1.150	-0.5	70	0.01
73		1,2,3,4-Tetrachlorobenzene	0.267	0.314	-17.6	84	0.01
74		Pentachlorobenzene	0.270	0.311	-15.2	82	0.01
75		Carbazole	0.976	0.982	-0.6	67	0.01
76		Di-n-butylphthalate	1.282	1.329	-3.7	69	0.00
77	C	Fluoranthene	1.147	1.252	-9.2	69	0.01
78	I	Chrysene-d12	1.000	1.000	0.0	53	0.01
79	S	Pyrene-d10	0.936	1.235	-31.9#	69	0.01
80		Pyrene	1.167	1.539	-31.9#	66	0.01
81		Butylbenzylphthalate	0.537	0.700	-30.4#	69	0.01
82		3,3'-Dichlorobenzidine	0.363	0.339	6.6	49	0.01
83		Benzo(a)anthracene	1.101	1.211	-10.0	56	0.02
84		Bis(2-ethylhexyl)phthalate	0.824	1.054	-27.9#	65	0.01
85		Chrysene	0.998	1.071	-7.3	55	0.02
86	I	Perylene-d12	1.000	1.000	0.0	44	0.02
87		Di-n-octyl phthalate	1.419	2.195	-54.7#	61	0.01

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88		Benzo(b)fluoranthene	1.203	1.222	-1.6	44	0.02
89		Benzo(k)fluoranthene	1.156	1.231	-6.5	46	0.01
90	S	Benzo(a)pyrene-d12	0.953	0.969	-1.7	44	0.02
91	C	Benzo(a)pyrene	1.136	1.145	-0.8	43	0.01
92		Indeno(1,2,3-cd)pyrene	1.249	1.286	-3.0	44	0.03
93		Dibenzo(a,h)anthracene	1.059	1.098	-3.7	44	0.03
94		Benzo(g,h,i)perylene	1.012	1.056	-4.3	44	0.03

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