Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100719\
Data File : BM023035.D
Acq On : 07 Oct 2019 16:55
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02023

Quant Time: Oct 07 17:56:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 07 16:37:53 2019
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	63	0.00
2		1,4-Dioxane	0.457	0.479	-4.8	70	0.00
3	S	1,4-Dioxane-d8	0.462	0.493	-6.7	71	0.00
4		Benzaldehyde	0.801	0.603	24.7	61	0.00
5	S	Phenol-d5	1.767	1.641	7.1	62	0.00
6		Phenol	1.853	1.720	7.2	62	0.00
7	S	Bis-(2-Chloroethyl)ether-d8	0.967	0.922	4.7	63	0.00
8		Bis(2-Chloroethyl)ether	1.401	1.303	7.0	61	0.00
9	S	2-Chlorophenol-d4	1.423	1.359	4.5	63	0.00
10		2-Chlorophenol	1.526	1.460	4.3	63	0.00
11		2-Methylphenol	1.428	1.301	8.9	61	0.00
12		2,2'-oxybis(1-Chloropropane	1.852	1.795	3.1	62	0.00
13	S	4-Methylphenol-d8	1.447	1.299	10.2	60	0.00
14		Acetophenone	2.212	2.076	6.1	60	0.00
15	P	N-Nitroso-di-n-propylamine	1.136	1.028	9.5	58	0.00
16		4-Methylphenol	1.579	1.427	9.6	60	0.00
17		Hexachloroethane	0.580	0.569	1.9	65	0.00
18	I	Naphthalene-d8	1.000	1.000	0.0	57	0.00
19	S	Nitrobenzene-d5	0.154	0.151	1.9	59	0.00
20		Nitrobenzene	0.360	0.358	0.6	60	0.00
21		Isophorone	0.710	0.670	5.6	57	0.00
22	S	2-Nitrophenol-d4	0.169	0.163	3.6	60	0.00
23	C	2-Nitrophenol	0.193	0.188	2.6	59	0.00
24		2,4-Dimethylphenol	0.375	0.365	2.7	59	0.00
25		Bis(2-Chloroethoxy)methane	0.453	0.428	5.5	57	0.00
26	S	2,4-Dichlorophenol-d3	0.336	0.325	3.3	59	0.00
27	C	2,4-Dichlorophenol	0.340	0.330	2.9	59	0.00
28		Naphthalene	1.080	1.073	0.6	60	0.00
29	S	4-Chloroaniline-d4	0.408	0.375	8.1	64	0.00
30		4-Chloroaniline	0.429	0.398	7.2	64	0.00
31	C	Hexachlorobutadiene	0.206	0.205	0.5	61	0.00
32		Caprolactam	0.110	0.091	17.3	51	0.00
33	C	4-Chloro-3-methylphenol	0.350	0.324	7.4	56	0.00
34		2-Methylnaphthalene	0.810	0.776	4.2	58	0.00
35		1-Methylnaphthalene	0.773	0.734	5.0	57	0.00
36	I	Acenaphthene-d10	1.000	1.000	0.0	53	0.00
37		1,2,4,5-Tetrachlorobenzene	0.656	0.669	-2.0	57	0.00
38		Hexachlorocyclopentadiene	0.411	0.331	19.5	47#	0.00
39	C	2,4,6-Trichlorophenol	0.435	0.428	1.6	56	0.00
40		2,4,5-Trichlorophenol	0.475	0.467	1.7	55	0.00
41		1,1'-Biphenyl	1.638	1.650	-0.7	57	0.00
42		2-Chloronaphthalene	1.252	1.271	-1.5	57	0.00
43		2-Nitroaniline	0.325	0.316	2.8	54	0.00
44	S	Dimethylphthalate-d6	1.552	1.465	5.6	53	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45		Dimethylphthalate	1.595	1.517	4.9	53	0.00
46		2,6-Dinitrotoluene	0.318	0.294	7.5	52	0.00
47	S	Acenaphthylene-d8	1.792	1.768	1.3	55	0.00
48		Acenaphthylene	1.935	1.925	0.5	55	0.00
49		3-Nitroaniline	0.308	0.278	9.7	55	0.00
50	C	Acenaphthene	1.348	1.329	1.4	55	0.00
51		2,4-Dinitrophenol	0.203	0.149	26.6#	49#	0.00
52	S	4-Nitrophenol-d4	0.307	0.274	10.7	51	0.00
53		4-Nitrophenol	0.224	0.208	7.1	52	0.00
54		Dibenzofuran	1.925	1.883	2.2	55	0.00
55		2,4-Dinitrotoluene	0.469	0.433	7.7	51	0.00
56		2,3,4,6-Tetrachlorophenol	0.418	0.399	4.5	54	0.00
57		Diethylphthalate	1.601	1.497	6.5	52	0.00
58	S	Fluorene-d10	1.323	1.277	3.5	54	0.00
59		Fluorene	1.555	1.509	3.0	54	0.00
60		4-Chlorophenyl-phenylether	0.788	0.759	3.7	54	0.00
61		4-Nitroaniline	0.348	0.308	11.5	51	0.00
62	I	Phenanthrene-d10	1.000	1.000	0.0	51	0.00
63	S	4,6-Dinitro-2-methylphenol-	0.130	0.107	17.7	49#	0.00
64		4,6-Dinitro-2-methylphenol	0.146	0.122	16.4	49#	0.00
65		N-Nitrosodiphenylamine	0.657	0.658	-0.2	54	0.00
66		4-Bromophenyl-phenylether	0.241	0.240	0.4	54	0.00
67		Hexachlorobenzene	0.269	0.273	-1.5	55	0.00
68		Atrazine	0.240	0.225	6.2	51	0.00
69	C	Pentachlorophenol	0.175	0.162	7.4	53	0.00
70		Phenanthrene	1.194	1.184	0.8	53	0.00
71	S	Anthracene-d10	0.977	0.970	0.7	53	0.00
72		Anthracene	1.216	1.219	-0.2	53	0.00
73		1,2,3,4-Tetrachlorobenzene	0.312	0.329	-5.4	57	0.00
74		Pentachlorobenzene	0.312	0.321	-2.9	56	0.00
75		Carbazole	1.081	1.098	-1.6	53	0.00
76		Di-n-butylphthalate	1.274	1.251	1.8	52	0.00
77	C	Fluoranthene	1.342	1.390	-3.6	53	0.00
78	I	Chrysene-d12	1.000	1.000	0.0	51	0.00
79	S	Pyrene-d10	1.076	1.027	4.6	53	0.00
80		Pyrene	1.418	1.373	3.2	53	0.00
81		Butylbenzylphthalate	0.583	0.558	4.3	52	0.00
82		3,3'-Dichlorobenzidine	0.456	0.439	3.7	54	0.00
83		Benzo(a)anthracene	1.436	1.424	0.8	53	0.00
84		Bis(2-ethylhexyl)phthalate	0.828	0.822	0.7	52	0.00
85		Chrysene	1.324	1.320	0.3	53	0.00
86	I	Perylene-d12	1.000	1.000	0.0	53	0.00
87		Di-n-octyl phthalate	1.360	1.199	11.8	51	0.00

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88		Benzo(b)fluoranthene	1.327	1.229	7.4	54	0.00
89		Benzo(k)fluoranthene	1.270	1.229	3.2	54	0.00
90	S	Benzo(a)pyrene-d12	1.035	1.003	3.1	55	0.00
91	C	Benzo(a)pyrene	1.245	1.210	2.8	55	0.00
92		Indeno(1,2,3-cd)pyrene	1.323	1.439	-8.8	59	0.00
93		Dibenzo(a,h)anthracene	1.106	1.213	-9.7	59	0.00
94		Benzo(g,h,i)perylene	1.067	1.207	-13.1	61	0.00

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