Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041961.D
Acq On : 5 Aug 2019 12:13
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTD02083

Quant Time: Aug 05 13:23:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 11:40:45 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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	110	0.02
2		1,4-Dioxane	8.000	7.089	11.4	93	0.02
3	S	1,4-Dioxane-d8	8.000	7.066	11.7	94	0.02
4		Benzaldehyde	20.000	22.306	-11.5	120	0.03
5	S	Phenol-d5	20.000	20.945	-4.7	117	0.02
6		Phenol	20.000	20.963	-4.8	115	0.02
7	S	Bis-(2-Chloroethyl)ether-d8	20.000	19.223	3.9	104	0.03
8		Bis(2-Chloroethyl)ether	20.000	20.199	-1.0	109	0.02
9	S	2-Chlorophenol-d4	20.000	21.302	-6.5	116	0.03
10		2-Chlorophenol	20.000	21.406	-7.0	117	0.02
11		2-Methylphenol	20.000	20.618	-3.1	115	0.02
12		2,2'-oxybis(1-Chloropropane	20.000	18.541	7.3	99	0.02
13	S	4-Methylphenol-d8	20.000	20.507	-2.5	115	0.03
14		Acetophenone	20.000	20.806	-4.0	114	0.02
15	P	N-Nitroso-di-n-propylamine	20.000	18.676	6.6	102	0.02
16		4-Methylphenol	20.000	20.376	-1.9	113	0.02
17		Hexachloroethane	20.000	16.069	19.7	88	0.03
18	I	Naphthalene-d8	20.000	20.000	0.0	107	0.02
19	S	Nitrobenzene-d5	20.000	22.373	-11.9	117	0.02
20		Nitrobenzene	20.000	21.249	-6.2	113	0.03
21		Isophorone	20.000	18.441	7.8	97	0.02
22	S	2-Nitrophenol-d4	20.000	23.877	-19.4	126	0.02
23	C	2-Nitrophenol	20.000	23.335	-16.7	121	0.02
24		2,4-Dimethylphenol	20.000	19.725	1.4	102	0.02
25		Bis(2-Chloroethoxy)methane	20.000	20.516	-2.6	106	0.02
26	S	2,4-Dichlorophenol-d3	20.000	23.127	-15.6	120	0.02
27	C	2,4-Dichlorophenol	20.000	22.743	-13.7	119	0.02
28		Naphthalene	20.000	21.444	-7.2	113	0.02
29	S	4-Chloroaniline-d4	20.000	23.276	-16.4	118	0.02
30		4-Chloroaniline	20.000	23.096	-15.5	118	0.02
31	C	Hexachlorobutadiene	20.000	21.958	-9.8	115	0.02
32		Caprolactam	20.000	19.145	4.3	102	0.02
33	C	4-Chloro-3-methylphenol	20.000	21.309	-6.5	113	0.02
34		2-Methylnaphthalene	20.000	21.378	-6.9	112	0.02
35	I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
36		1,2,4,5-Tetrachlorobenzene	20.000	24.282	-21.4	120	0.02
37		Hexachlorocyclopentadiene	20.000	19.749	1.3	100	0.02
38	C	2,4,6-Trichlorophenol	20.000	24.304	-21.5	120	0.02
39		2,4,5-Trichlorophenol	20.000	23.378	-16.9	115	0.02
40		1,1'-Biphenyl	20.000	22.493	-12.5	110	0.00
41		2-Chloronaphthalene	20.000	22.809	-14.0	112	0.02
42		2-Nitroaniline	20.000	21.998	-10.0	108	0.02
43	S	Dimethylphthalate-d6	20.000	20.648	-3.2	102	0.02
44		Dimethylphthalate	20.000	20.315	-1.6	100	0.02

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
45		2,6-Dinitrotoluene	20.000	22.332	-11.7	109	0.02
46	S	Acenaphthylene-d8	20.000	21.371	-6.9	104	0.02
47		Acenaphthylene	20.000	21.250	-6.3	103	0.02
48		3-Nitroaniline	20.000	24.499	-22.5	126	0.02
49	C	Acenaphthene	20.000	21.529	-7.6	106	0.02
50		2,4-Dinitrophenol	20.000	25.704	-28.5#	153	0.02
51	S	4-Nitrophenol-d4	20.000	21.713	-8.6	110	0.00
52		4-Nitrophenol	20.000	22.571	-12.9	113	0.00
53		Dibenzofuran	20.000	22.020	-10.1	107	0.02
54		2,4-Dinitrotoluene	20.000	21.889	-9.4	106	0.00
55		2,3,4,6-Tetrachlorophenol	20.000	22.694	-13.5	112	0.00
56		Diethylphthalate	20.000	19.759	1.2	96	0.00
57	S	Fluorene-d10	20.000	21.353	-6.8	103	0.00
58		Fluorene	20.000	21.458	-7.3	105	0.00
59		4-Chlorophenyl-phenylether	20.000	22.180	-10.9	110	0.02
60		4-Nitroaniline	20.000	23.222	-16.1	120	0.02
61	I	Phenanthrene-d10	20.000	20.000	0.0	95	0.00
62	S	4,6-Dinitro-2-methylphenol-	20.000	20.915	-4.6	104	0.00
63		4,6-Dinitro-2-methylphenol	20.000	21.373	-6.9	109	0.00
64		N-Nitrosodiphenylamine	20.000	22.481	-12.4	104	0.00
65		4-Bromophenyl-phenylether	20.000	22.763	-13.8	106	0.00
66		Hexachlorobenzene	20.000	21.501	-7.5	101	0.00
67		Atrazine	20.000	20.270	-1.3	92	0.00
68	C	Pentachlorophenol	20.000	27.097	-35.5#	148	0.00
69		Phenanthrene	20.000	21.947	-9.7	100	0.00
70	S	Anthracene-d10	20.000	21.536	-7.7	98	0.00
71		Anthracene	20.000	21.798	-9.0	98	0.00
72		1,2,3,4-Tetrachlorobenzene	20.000	24.575	-22.9	117	0.02
73		Pentachlorobenzene	20.000	24.010	-20.1	113	0.00
74		Carbazole	20.000	22.795	-14.0	96	0.00
75		Di-n-butylphthalate	20.000	19.879	0.6	88	0.00
76	C	Fluoranthene	20.000	22.971	-14.9	90	0.00
77	I	Chrysene-d12	20.000	20.000	0.0	88	0.00
78	S	Pyrene-d10	20.000	21.498	-7.5	91	0.00
79		Pyrene	20.000	21.586	-7.9	90	0.00
80		Butylbenzylphthalate	20.000	19.417	2.9	83	0.00
81		3,3'-Dichlorobenzidine	20.000	23.859	-19.3	100	0.00
82		Benzo(a)anthracene	20.000	21.792	-9.0	92	0.00
83		Bis(2-ethylhexyl)phthalate	20.000	19.002	5.0	81	0.00
84		Chrysene	20.000	22.040	-10.2	93	0.00
85	I	Perylene-d12	20.000	20.000	0.0	78	0.00
86		Di-n-octyl phthalate	20.000	25.020	-25.1#	86	0.00
87		Benzo(b)fluoranthene	20.000	22.428	-12.1	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
88		Benzo(k)fluoranthene	20.000	23.914	-19.6	90	0.00
89	S	Benzo(a)pyrene-d12	20.000	23.759	-18.8	90	0.00
90	C	Benzo(a)pyrene	20.000	23.660	-18.3	89	0.00
91		Indeno(1,2,3-cd)pyrene	20.000	19.614	1.9	74	0.00
92		Dibenzo(a,h)anthracene	20.000	20.983	-4.9	79	0.02
93		Benzo(g,h,i)perylene	20.000	17.054	14.7	65	0.00

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