Evaluate Continuing Calibration Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019451.D
Acq On : 26 Mar 2019 03:03
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
LabSampleId : SSTD02071

Quant Time: Mar 26 07:35:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 03:11:42 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	128	0.02
2		1,4-Dioxane	8.000	6.830	14.6	112	0.02
3	S	1,4-Dioxane-d8	8.000	7.234	9.6	120	0.02
4		Benzaldehyde	20.000	18.162	9.2	117	0.02
5	S	Phenol-d5	20.000	18.030	9.8	125	0.02
6		Phenol	20.000	17.950	10.3	123	0.02
7	S	Bis-(2-Chloroethyl)ether-d8	20.000	16.803	16.0	114	0.02
8		Bis(2-Chloroethyl)ether	20.000	17.585	12.1	118	0.02
9	S	2-Chlorophenol-d4	20.000	18.842	5.8	125	0.02
10		2-Chlorophenol	20.000	18.956	5.2	124	0.02
11		2-Methylphenol	20.000	18.104	9.5	127	0.02
12		2,2'-oxybis(1-Chloropropane	20.000	16.817	15.9	121	0.03
13	S	4-Methylphenol-d8	20.000	18.034	9.8	127	0.02
14		Acetophenone	20.000	17.101	14.5	121	0.02
15	P	N-Nitroso-di-n-propylamine	20.000	17.138	14.3	118	0.02
16		4-Methylphenol	20.000	18.187	9.1	128	0.02
17		Hexachloroethane	20.000	17.573	12.1	122	0.02
18	I	Naphthalene-d8	20.000	20.000	0.0	125	0.02
19	S	Nitrobenzene-d5	20.000	19.192	4.0	129	0.02
20		Nitrobenzene	20.000	17.414	12.9	121	0.02
21		Isophorone	20.000	17.681	11.6	121	0.02
22	S	2-Nitrophenol-d4	20.000	19.303	3.5	125	0.02
23	C	2-Nitrophenol	20.000	19.512	2.4	128	0.02
24		2,4-Dimethylphenol	20.000	17.722	11.4	119	0.02
25		Bis(2-Chloroethoxy)methane	20.000	18.068	9.7	120	0.02
26	S	2,4-Dichlorophenol-d3	20.000	19.643	1.8	128	0.02
27	C	2,4-Dichlorophenol	20.000	19.656	1.7	125	0.02
28		Naphthalene	20.000	18.539	7.3	123	0.02
29	S	4-Chloroaniline-d4	20.000	19.487	2.6	128	0.02
30		4-Chloroaniline	20.000	19.197	4.0	123	0.02
31	C	Hexachlorobutadiene	20.000	18.999	5.0	123	0.02
32		Caprolactam	20.000	17.389	13.1	126	0.03
33	C	4-Chloro-3-methylphenol	20.000	18.215	8.9	122	0.02
34		2-Methylnaphthalene	20.000	18.411	7.9	123	0.02
35		1-Methylnaphthalene	20.000	18.549	7.3	125	0.02
36	I	Acenaphthene-d10	20.000	20.000	0.0	123	0.02
37		1,2,4,5-Tetrachlorobenzene	20.000	19.672	1.6	127	0.02
38		Hexachlorocyclopentadiene	20.000	21.533	-7.7	168	0.02
39	C	2,4,6-Trichlorophenol	20.000	19.764	1.2	126	0.02
40		2,4,5-Trichlorophenol	20.000	19.103	4.5	125	0.02
41		1,1'-Biphenyl	20.000	18.405	8.0	122	0.02
42		2-Chloronaphthalene	20.000	18.641	6.8	123	0.02
43		2-Nitroaniline	20.000	17.935	10.3	118	0.02
44	S	Dimethylphthalate-d6	20.000	18.006	10.0	119	0.02

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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	Amount	Calc.	%Dev	Area%	Dev(min)
45		Dimethylphthalate	20.000	17.823	10.9	118	0.02
46		2,6-Dinitrotoluene	20.000	19.227	3.9	124	0.02
47	S	Acenaphthylene-d8	20.000	19.117	4.4	124	0.02
48		Acenaphthylene	20.000	18.797	6.0	122	0.02
49		3-Nitroaniline	20.000	18.047	9.8	121	0.02
50	C	Acenaphthene	20.000	18.368	8.2	122	0.02
51		2,4-Dinitrophenol	20.000	19.727	1.4	169	0.01
52	S	4-Nitrophenol-d4	20.000	16.837	15.8	127	0.01
53		4-Nitrophenol	20.000	15.286	23.6	115	0.02
54		Dibenzofuran	20.000	18.502	7.5	123	0.02
55		2,4-Dinitrotoluene	20.000	19.384	3.1	126	0.02
56		2,3,4,6-Tetrachlorophenol	20.000	19.325	3.4	124	0.02
57		Diethylphthalate	20.000	17.663	11.7	117	0.02
58	S	Fluorene-d10	20.000	18.708	6.5	123	0.02
59		Fluorene	20.000	18.687	6.6	123	0.02
60		4-Chlorophenyl-phenylether	20.000	18.605	7.0	123	0.02
61		4-Nitroaniline	20.000	17.608	12.0	122	0.02
62	I	Phenanthrene-d10	20.000	20.000	0.0	122	0.02
63	S	4,6-Dinitro-2-methylphenol-	20.000	16.788	16.1	122	0.02
64		4,6-Dinitro-2-methylphenol	20.000	16.900	15.5	120	0.01
65		N-Nitrosodiphenylamine	20.000	18.950	5.3	122	0.02
66		4-Bromophenyl-phenylether	20.000	18.945	5.3	123	0.02
67		Hexachlorobenzene	20.000	18.853	5.7	124	0.02
68		Atrazine	20.000	17.463	12.7	119	0.02
69	C	Pentachlorophenol	20.000	24.460	-22.3	181	0.02
70		Phenanthrene	20.000	18.695	6.5	124	0.02
71	S	Anthracene-d10	20.000	18.717	6.4	123	0.02
72		Anthracene	20.000	18.638	6.8	122	0.02
73		1,2,3,4-Tetrachlorobenzene	20.000	19.617	1.9	125	0.02
74		Pentachlorobenzene	20.000	18.663	6.7	122	0.02
75		Carbazole	20.000	17.834	10.8	122	0.02
76		Di-n-butylphthalate	20.000	18.152	9.2	119	0.02
77	C	Fluoranthene	20.000	18.152	9.2	125	0.02
78	I	Chrysene-d12	20.000	20.000	0.0	126	0.02
79	S	Pyrene-d10	20.000	18.592	7.0	124	0.02
80		Pyrene	20.000	18.525	7.4	124	0.02
81		Butylbenzylphthalate	20.000	17.685	11.6	119	0.02
82		3,3'-Dichlorobenzidine	20.000	18.117	9.4	121	0.02
83		Benzo(a)anthracene	20.000	18.832	5.8	127	0.02
84		Bis(2-ethylhexyl)phthalate	20.000	17.727	11.4	119	0.02
85		Chrysene	20.000	18.614	6.9	127	0.02
86	I	Perylene-d12	20.000	20.000	0.0	130	0.02
87		Di-n-octyl phthalate	20.000	16.178	19.1	119	0.02

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
88		Benzo(b)fluoranthene	20.000	18.538	7.3	126	0.02
89		Benzo(k)fluoranthene	20.000	18.451	7.7	128	0.02
90	S	Benzo(a)pyrene-d12	20.000	19.014	4.9	133	0.02
91	C	Benzo(a)pyrene	20.000	18.600	7.0	129	0.02
92		Indeno(1,2,3-cd)pyrene	20.000	18.761	6.2	129	0.04
93		Dibenzo(a,h)anthracene	20.000	18.687	6.6	129	0.04
94		Benzo(g,h,i)perylene	20.000	18.937	5.3	129	0.04

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