Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081523\
Data File : BP016594.D
Acq On : 15 Aug 2023 15:36
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Quant Time: Aug 15 16:06:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
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	97	0.00
2		1,4-Dioxane	8.000	8.363	-4.5	100	0.00
3	S	1,4-Dioxane-d8	8.000	8.114	-1.4	98	0.00
4	S	Pyridine-d5	20.000	21.376	-6.9	102	0.00
5		Pyridine	20.000	21.300	-6.5	101	0.00
6		Benzaldehyde	20.000	25.552	-27.8#	100	0.00
7	S	Phenol-d5	20.000	21.579	-7.9	102	0.00
8		Phenol	20.000	21.593	-8.0	100	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	20.000	20.641	-3.2	96	0.00
10		Bis(2-Chloroethyl)ether	20.000	20.805	-4.0	97	0.00
11	S	2-Chlorophenol-d4	20.000	22.212	-11.1	102	0.00
12		2-Chlorophenol	20.000	21.744	-8.7	101	0.00
13		2-Methylphenol	20.000	21.699	-8.5	101	0.00
14		2,2'-oxybis(1-Chloropropane	20.000	20.463	-2.3	93	0.00
15	S	4-Methylphenol-d8	20.000	22.177	-10.9	104	0.00
16		Acetophenone	20.000	21.897	-9.5	98	0.00
17	P	N-Nitroso-di-n-propylamine	20.000	21.586	-7.9	97	0.00
18		4-Methylphenol	20.000	21.804	-9.0	100	0.00
19		Hexachloroethane	20.000	20.679	-3.4	99	0.00
20	I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
21	S	Nitrobenzene-d5	20.000	21.842	-9.2	105	0.00
22		Nitrobenzene	20.000	21.297	-6.5	101	0.00
23		Isophorone	20.000	21.222	-6.1	99	0.00
24	S	2-Nitrophenol-d4	20.000	23.101	-15.5	113	0.00
25	C	2-Nitrophenol	20.000	22.690	-13.5	107	0.00
26		2,4-Dimethylphenol	20.000	21.395	-7.0	100	0.00
27		Bis(2-Chloroethoxy)methane	20.000	20.127	-0.6	95	0.00
28	S	2,4-Dichlorophenol-d3	20.000	22.828	-14.1	106	0.00
29	C	2,4-Dichlorophenol	20.000	22.356	-11.8	104	0.00
30		Naphthalene	20.000	20.672	-3.4	98	0.00
31	S	4-Chloroaniline-d4	20.000	21.743	-8.7	102	0.00
32		4-Chloroaniline	20.000	21.837	-9.2	102	0.00
33	C	Hexachlorobutadiene	20.000	20.611	-3.1	101	0.00
34		Caprolactam	20.000	23.053	-15.3	111	0.00
35	C	4-Chloro-3-methylphenol	20.000	22.665	-13.3	104	0.00
36		2-Methylnaphthalene	20.000	20.991	-5.0	99	0.00
37		1-Methylnaphthalene	20.000	21.162	-5.8	99	0.00
38	I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
39		1,2,4,5-Tetrachlorobenzene	20.000	20.569	-2.8	103	0.00
40		Hexachlorocyclopentadiene	20.000	15.868	20.7	87	0.00
41	C	2,4,6-Trichlorophenol	20.000	22.405	-12.0	108	0.00
42		2,4,5-Trichlorophenol	20.000	22.724	-13.6	109	0.00
43		1,1'-Biphenyl	20.000	20.121	-0.6	99	0.00
44		2-Chloronaphthalene	20.000	20.634	-3.2	102	0.00
45		2-Nitroaniline	20.000	23.005	-15.0	110	0.00
46	S	Dimethylphthalate-d6	20.000	20.573	-2.9	100	0.00
47		Dimethylphthalate	20.000	20.487	-2.4	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	20.000	22.603	-13.0	108	0.00
49	S	Acenaphthylene-d8	20.000	21.620	-8.1	103	0.00
50		Acenaphthylene	20.000	21.230	-6.2	102	0.00
51		3-Nitroaniline	20.000	24.172	-20.9	115	0.00
52	C	Acenaphthene	20.000	20.569	-2.8	101	0.00
53		2,4-Dinitrophenol	20.000	16.076	19.6	99	0.00
54	S	4-Nitrophenol-d4	20.000	23.128	-15.6	114	0.00
55		4-Nitrophenol	20.000	23.193	-16.0	111	0.00
56		Dibenzofuran	20.000	20.847	-4.2	102	0.00
57		2,4-Dinitrotoluene	20.000	23.331	-16.7	108	0.00
58		2,3,4,6-Tetrachlorophenol	20.000	23.767	-18.8	113	0.00
59		Diethylphthalate	20.000	20.614	-3.1	100	0.00
60	S	Fluorene-d10	20.000	21.194	-6.0	103	0.00
61		Fluorene	20.000	21.243	-6.2	103	0.00
62		4-Chlorophenyl-phenylether	20.000	20.932	-4.7	102	0.00
63		4-Nitroaniline	20.000	26.817	-34.1#	120	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	109	0.00
65	S	4,6-Dinitro-2-methylphenol-	20.000	17.906	10.5	105	0.00
66		4,6-Dinitro-2-methylphenol	20.000	17.719	11.4	102	0.00
67		N-Nitrosodiphenylamine	20.000	20.356	-1.8	104	0.00
68		4-Bromophenyl-phenylether	20.000	20.370	-1.9	106	0.00
69		Hexachlorobenzene	20.000	20.310	-1.5	106	0.00
70		Atrazine	20.000	20.847	-4.2	109	0.00
71	C	Pentachlorophenol	20.000	21.937	-9.7	123	0.00
72		Phenanthrene	20.000	20.675	-3.4	107	0.00
73	S	Anthracene-d10	20.000	21.295	-6.5	107	0.00
74		Anthracene	20.000	21.091	-5.5	107	0.00
75		1,2,3,4-Tetrachlorobenzene	20.000	19.491	2.5	104	0.00
76		Pentachlorobenzene	20.000	19.837	0.8	104	0.00
77		Carbazole	20.000	21.958	-9.8	109	0.00
78		Di-n-butylphthalate	20.000	21.898	-9.5	108	0.00
79	I	Chrysene-d12	20.000	20.000	0.0	116	0.00
80		Fluoranthene	20.000	20.245	-1.2	111	0.00
81	S	Pyrene-d10	20.000	20.541	-2.7	112	0.00
82		Pyrene	20.000	20.338	-1.7	111	0.00
83		Butylbenzylphthalate	20.000	22.112	-10.6	119	0.00
84		3,3'-Dichlorobenzidine	20.000	20.720	-3.6	115	0.00
85		Benzo(a)anthracene	20.000	20.867	-4.3	114	0.00
86		Bis(2-ethylhexyl)phthalate	20.000	22.244	-11.2	119	0.00
87		Chrysene	20.000	20.754	-3.8	115	0.00
88	I	Perylene-d12	20.000	20.000	0.0	112	0.00
89		Di-n-octyl phthalate	20.000	22.105	-10.5	122	0.00
90		Benzo(b)fluoranthene	20.000	20.716	-3.6	111	0.00
91		Benzo(k)fluoranthene	20.000	21.427	-7.1	115	0.00
92	S	Benzo(a)pyrene-d12	20.000	21.065	-5.3	111	0.00
93	C	Benzo(a)pyrene	20.000	20.837	-4.2	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	20.000	19.324	3.4	103	0.00
95	Dibenzo(a,h)anthracene	20.000	19.483	2.6	103	0.00
96	Benzo(g,h,i)perylene	20.000	19.154	4.2	103	0.00

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