Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039457.D
Acq On : 18 Apr 2023 14:50
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV012

Quant Time: Apr 18 23:59:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 18 23:56:45 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	125	0.00
2		1,4-Dioxane	8.000	6.887	13.9	102	0.00
3	S	1,4-Dioxane-d8	8.000	7.040	12.0	105	0.00
4	S	Pyridine-d5	20.000	17.832	10.8	111	0.00
5		Pyridine	20.000	17.028	14.9	105	0.00
6		Benzaldehyde	20.000	26.615	-33.1#	129	0.00
7	S	Phenol-d5	20.000	17.382	13.1	109	0.00
8		Phenol	20.000	17.894	10.5	110	0.01
9	S	Bis-(2-Chloroethyl)ether-d8	20.000	19.447	2.8	115	0.00
10		Bis(2-Chloroethyl)ether	20.000	18.311	8.4	110	0.00
11	S	2-Chlorophenol-d4	20.000	18.074	9.6	107	0.00
12		2-Chlorophenol	20.000	18.804	6.0	111	0.01
13		2-Methylphenol	20.000	17.594	12.0	106	0.00
14		2,2'-oxybis(1-Chloropropane	20.000	18.237	8.8	107	0.00
15	S	4-Methylphenol-d8	20.000	17.346	13.3	105	0.00
16		Acetophenone	20.000	18.994	5.0	110	0.00
17	P	N-Nitroso-di-n-propylamine	20.000	18.745	6.3	107	0.00
18		4-Methylphenol	20.000	17.995	10.0	107	0.00
19		Hexachloroethane	20.000	18.290	8.6	109	0.00
20	I	Naphthalene-d8	20.000	20.000	0.0	122	0.00
21	S	Nitrobenzene-d5	20.000	18.453	7.7	105	0.01
22		Nitrobenzene	20.000	18.446	7.8	105	0.00
23		Isophorone	20.000	18.130	9.4	104	0.00
24	S	2-Nitrophenol-d4	20.000	18.615	6.9	108	0.00
25	C	2-Nitrophenol	20.000	19.276	3.6	110	0.00
26		2,4-Dimethylphenol	20.000	18.793	6.0	107	0.00
27		Bis(2-Chloroethoxy)methane	20.000	18.271	8.6	104	0.00
28	S	2,4-Dichlorophenol-d3	20.000	18.623	6.9	106	0.01
29	C	2,4-Dichlorophenol	20.000	19.031	4.8	107	0.00
30		Naphthalene	20.000	18.208	9.0	105	0.00
31	S	4-Chloroaniline-d4	20.000	17.397	13.0	102	0.00
32		4-Chloroaniline	20.000	18.374	8.1	108	0.00
33	C	Hexachlorobutadiene	20.000	18.259	8.7	106	0.00
34		Caprolactam	20.000	19.574	2.1	114	0.02
35	C	4-Chloro-3-methylphenol	20.000	18.814	5.9	107	0.01
36		2-Methylnaphthalene	20.000	19.091	4.5	110	0.00
37		1-Methylnaphthalene	20.000	17.843	10.8	103	0.00
38	I	Acenaphthene-d10	20.000	20.000	0.0	119	0.00
39		1,2,4,5-Tetrachlorobenzene	20.000	19.067	4.7	109	0.00
40		Hexachlorocyclopentadiene	20.000	16.906	15.5	108	0.00
41	C	2,4,6-Trichlorophenol	20.000	18.864	5.7	108	0.01
42		2,4,5-Trichlorophenol	20.000	19.023	4.9	108	0.00
43		1,1'-Biphenyl	20.000	18.834	5.8	106	0.00
44		2-Chloronaphthalene	20.000	18.355	8.2	105	0.00
45		2-Nitroaniline	20.000	20.193	-1.0	113	0.00
46	S	Dimethylphthalate-d6	20.000	18.001	10.0	102	0.00
47		Dimethylphthalate	20.000	18.231	8.8	103	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	20.000	19.586	2.1	109	0.01
49	S	Acenaphthylene-d8	20.000	18.133	9.3	102	0.00
50		Acenaphthylene	20.000	18.716	6.4	105	0.00
51		3-Nitroaniline	20.000	20.935	-4.7	121	0.00
52	C	Acenaphthene	20.000	18.047	9.8	103	0.00
53		2,4-Dinitrophenol	20.000	17.446	12.8	120	0.00
54	S	4-Nitrophenol-d4	20.000	17.232	13.8	107	0.00
55		4-Nitrophenol	20.000	18.050	9.7	110	0.01
56		Dibenzofuran	20.000	18.774	6.1	106	0.00
57		2,4-Dinitrotoluene	20.000	19.145	4.3	105	0.00
58		2,3,4,6-Tetrachlorophenol	20.000	19.345	3.3	110	0.00
59		Diethylphthalate	20.000	18.115	9.4	102	0.01
60	S	Fluorene-d10	20.000	17.982	10.1	102	0.00
61		Fluorene	20.000	18.311	8.4	103	0.00
62		4-Chlorophenyl-phenylether	20.000	18.212	8.9	102	0.00
63		4-Nitroaniline	20.000	23.361	-16.8	123	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	120	0.00
65	S	4,6-Dinitro-2-methylphenol-	20.000	17.756	11.2	105	0.00
66		4,6-Dinitro-2-methylphenol	20.000	18.359	8.2	108	0.00
67		N-Nitrosodiphenylamine	20.000	18.672	6.6	106	0.00
68		4-Bromophenyl-phenylether	20.000	17.975	10.1	103	0.00
69		Hexachlorobenzene	20.000	18.201	9.0	104	0.00
70		Atrazine	20.000	18.746	6.3	105	0.00
71	C	Pentachlorophenol	20.000	18.209	9.0	109	0.01
72		Phenanthrene	20.000	18.063	9.7	103	0.00
73	S	Anthracene-d10	20.000	17.885	10.6	101	0.00
74		Anthracene	20.000	18.312	8.4	103	0.00
75		1,2,3,4-Tetrachlorobenzene	20.000	17.951	10.2	104	0.01
76		Pentachlorobenzene	20.000	17.737	11.3	101	0.00
77		Carbazole	20.000	18.831	5.8	106	0.00
78		Di-n-butylphthalate	20.000	18.358	8.2	103	0.00
79	I	Chrysene-d12	20.000	20.000	0.0	126	0.00
80		Fluoranthene	20.000	17.024	14.9	103	0.01
81	S	Pyrene-d10	20.000	17.020	14.9	103	0.01
82		Pyrene	20.000	17.189	14.1	104	0.01
83		Butylbenzylphthalate	20.000	17.391	13.0	105	0.01
84		3,3'-Dichlorobenzidine	20.000	23.829	-19.1	132	0.01
85		Benzo(a)anthracene	20.000	18.226	8.9	109	0.00
86		Bis(2-ethylhexyl)phthalate	20.000	17.648	11.8	105	0.00
87		Chrysene	20.000	17.980	10.1	108	0.00
88	I	Perylene-d12	20.000	20.000	0.0	131	0.01
89		Di-n-octyl phthalate	20.000	17.338	13.3	108	0.01
90		Benzo(b)fluoranthene	20.000	18.288	8.6	114	0.02
91		Benzo(k)fluoranthene	20.000	17.869	10.7	111	0.01
92	S	Benzo(a)pyrene-d12	20.000	17.737	11.3	111	0.01
93	C	Benzo(a)pyrene	20.000	18.132	9.3	114	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	20.000	18.100	9.5	116	0.02
95	Dibenzo(a,h)anthracene	20.000	18.279	8.6	117	0.02
96	Benzo(g,h,i)perylene	20.000	17.748	11.3	115	0.02

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