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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	125	0.00
2		1,4-Dioxane	0.570	0.491	13.9	102	0.00
3	S	1,4-Dioxane-d8	0.521	0.459	11.9	105	0.00
4	S	Pyridine-d5	1.464	1.305	10.9	111	0.00
5		Pyridine	1.544	1.314	14.9	105	0.00
6		Benzaldehyde	0.782	1.041	-33.1#	129	0.00
7	S	Phenol-d5	1.831	1.591	13.1	109	0.00
8		Phenol	1.906	1.705	10.5	110	0.01
9	S	Bis-(2-Chloroethyl)ether-d8	1.210	1.176	2.8	115	0.00
10		Bis(2-Chloroethyl)ether	1.589	1.455	8.4	110	0.00
11	S	2-Chlorophenol-d4	1.436	1.298	9.6	107	0.00
12		2-Chlorophenol	1.445	1.359	6.0	111	0.01
13		2-Methylphenol	1.480	1.302	12.0	106	0.00
14		2,2'-oxybis(1-Chloropropane	2.207	2.012	8.8	107	0.00
15	S	4-Methylphenol-d8	1.475	1.279	13.3	105	0.00
16		Acetophenone	2.422	2.300	5.0	110	0.00
17	P	N-Nitroso-di-n-propylamine	1.340	1.256	6.3	107	0.00
18		4-Methylphenol	1.598	1.438	10.0	107	0.00
19		Hexachloroethane	0.656	0.600	8.5	109	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	122	0.00
21	S	Nitrobenzene-d5	0.161	0.148	8.1	105	0.01
22		Nitrobenzene	0.397	0.366	7.8	105	0.00
23		Isophorone	0.847	0.768	9.3	104	0.00
24	S	2-Nitrophenol-d4	0.181	0.168	7.2	108	0.00
25	C	2-Nitrophenol	0.189	0.182	3.7	110	0.00
26		2,4-Dimethylphenol	0.385	0.362	6.0	107	0.00
27		Bis(2-Chloroethoxy)methane	0.498	0.455	8.6	104	0.00
28	S	2,4-Dichlorophenol-d3	0.311	0.289	7.1	106	0.01
29	C	2,4-Dichlorophenol	0.306	0.291	4.9	107	0.00
30		Naphthalene	1.107	1.007	9.0	105	0.00
31	S	4-Chloroaniline-d4	0.464	0.404	12.9	102	0.00
32		4-Chloroaniline	0.458	0.420	8.3	108	0.00
33	C	Hexachlorobutadiene	0.202	0.184	8.9	106	0.00
34		Caprolactam	0.114	0.112	1.8	114	0.02
35	C	4-Chloro-3-methylphenol	0.358	0.336	6.1	107	0.01
36		2-Methylnaphthalene	0.742	0.708	4.6	110	0.00
37		1-Methylnaphthalene	0.745	0.665	10.7	103	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	119	0.00
39		1,2,4,5-Tetrachlorobenzene	0.600	0.572	4.7	109	0.00
40		Hexachlorocyclopentadiene	0.358	0.302	15.6	108	0.00
41	C	2,4,6-Trichlorophenol	0.401	0.378	5.7	108	0.01
42		2,4,5-Trichlorophenol	0.417	0.396	5.0	108	0.00
43		1,1'-Biphenyl	1.546	1.456	5.8	106	0.00
44		2-Chloronaphthalene	1.212	1.113	8.2	105	0.00
45		2-Nitroaniline	0.350	0.353	-0.9	113	0.00
46	S	Dimethylphthalate-d6	1.613	1.452	10.0	102	0.00
47		Dimethylphthalate	1.597	1.456	8.8	103	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.323	0.316	2.2	109	0.01
49	S	Acenaphthylene-d8	1.812	1.643	9.3	102	0.00
50		Acenaphthylene	1.938	1.814	6.4	105	0.00
51		3-Nitroaniline	0.303	0.317	-4.6	121	0.00
52	C	Acenaphthene	1.335	1.204	9.8	103	0.00
53		2,4-Dinitrophenol	0.172	0.150	12.8	120	0.00
54	S	4-Nitrophenol-d4	0.244	0.210	13.9	107	0.00
55		4-Nitrophenol	0.185	0.167	9.7	110	0.01
56		Dibenzofuran	1.814	1.703	6.1	106	0.00
57		2,4-Dinitrotoluene	0.449	0.430	4.2	105	0.00
58		2,3,4,6-Tetrachlorophenol	0.373	0.361	3.2	110	0.00
59		Diethylphthalate	1.655	1.499	9.4	102	0.01
60	S	Fluorene-d10	1.322	1.188	10.1	102	0.00
61		Fluorene	1.500	1.374	8.4	103	0.00
62		4-Chlorophenyl-phenylether	0.744	0.677	9.0	102	0.00
63		4-Nitroaniline	0.232	0.271	-16.8	123	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	120	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.133	0.118	11.3	105	0.00
66		4,6-Dinitro-2-methylphenol	0.128	0.117	8.6	108	0.00
67		N-Nitrosodiphenylamine	0.596	0.556	6.7	106	0.00
68		4-Bromophenyl-phenylether	0.216	0.194	10.2	103	0.00
69		Hexachlorobenzene	0.248	0.226	8.9	104	0.00
70		Atrazine	0.221	0.207	6.3	105	0.00
71	C	Pentachlorophenol	0.145	0.132	9.0	109	0.01
72		Phenanthrene	1.110	1.003	9.6	103	0.00
73	S	Anthracene-d10	0.962	0.860	10.6	101	0.00
74		Anthracene	1.114	1.020	8.4	103	0.00
75		1,2,3,4-Tetrachlorobenzene	0.298	0.267	10.4	104	0.01
76		Pentachlorobenzene	0.293	0.260	11.3	101	0.00
77		Carbazole	0.990	0.932	5.9	106	0.00
78		Di-n-butylphthalate	1.400	1.285	8.2	103	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	126	0.00
80		Fluoranthene	1.558	1.326	14.9	103	0.01
81	S	Pyrene-d10	1.329	1.131	14.9	103	0.01
82		Pyrene	1.613	1.386	14.1	104	0.01
83		Butylbenzylphthalate	0.761	0.662	13.0	105	0.01
84		3,3'-Dichlorobenzidine	0.444	0.528	-18.9	132	0.01
85		Benzo(a)anthracene	1.447	1.318	8.9	109	0.00
86		Bis(2-ethylhexyl)phthalate	1.132	0.999	11.7	105	0.00
87		Chrysene	1.380	1.240	10.1	108	0.00
88	I	Perylene-d12	1.000	1.000	0.0	131	0.01
89		Di-n-octyl phthalate	2.009	1.742	13.3	108	0.01
90		Benzo(b)fluoranthene	1.407	1.287	8.5	114	0.02
91		Benzo(k)fluoranthene	1.382	1.235	10.6	111	0.01
92	S	Benzo(a)pyrene-d12	1.080	0.958	11.3	111	0.01
93	C	Benzo(a)pyrene	1.186	1.075	9.4	114	0.02

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94	Indeno(1,2,3-cd)pyrene	1.305	1.181	9.5	116	0.02
95	Dibenzo(a,h)anthracene	1.082	0.989	8.6	117	0.02
96	Benzo(g,h,i)perylene	1.039	0.922	11.3	115	0.02

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