Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091225\
Data File : BG064367.D
Acq On : 12 Sep 2025 20:11
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Quant Time: Sep 15 11:10:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
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	113	0.00
2		1,4-Dioxane	0.426	0.490	-15.0	130	0.00
3	S	1,4-Dioxane-d8	0.381	0.400	-5.0	123	0.00
4	S	Pyridine-d5	1.111	1.120	-0.8	116	0.00
5		Pyridine	1.171	1.209	-3.2	114	0.00
6		Benzaldehyde	0.760	0.926	-21.8	108	0.00
7	S	Phenol-d5	1.635	1.559	4.6	112	0.00
8		Phenol	1.674	1.525	8.9	107	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.853	0.818	4.1	113	0.00
10		Bis(2-Chloroethyl)ether	1.156	1.107	4.2	116	0.00
11	S	2-Chlorophenol-d4	1.307	1.347	-3.1	112	0.00
12		2-Chlorophenol	1.359	1.315	3.2	106	0.00
13		2-Methylphenol	1.389	1.259	9.4	108	0.00
14		2,2'-oxybis(1-Chloropropane	2.153	2.003	7.0	107	0.00
15	S	4-Methylphenol-d8	1.487	1.313	11.7	107	0.00
16		Acetophenone	2.365	2.188	7.5	109	0.00
17	P	N-Nitroso-di-n-propylamine	1.112	1.016	8.6	106	0.00
18		4-Methylphenol	1.494	1.344	10.0	107	0.00
19		Hexachloroethane	0.599	0.618	-3.2	121	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	109	0.00
21	S	Nitrobenzene-d5	0.157	0.153	2.5	109	0.00
22		Nitrobenzene	0.390	0.399	-2.3	110	0.00
23		Isophorone	0.750	0.712	5.1	103	0.00
24	S	2-Nitrophenol-d4	0.191	0.191	0.0	110	-0.01
25	C	2-Nitrophenol	0.184	0.187	-1.6	103	0.00
26		2,4-Dimethylphenol	0.407	0.346	15.0	98	0.00
27		Bis(2-Chloroethoxy)methane	0.380	0.361	5.0	104	0.00
28	S	2,4-Dichlorophenol-d3	0.356	0.337	5.3	102	0.00
29	C	2,4-Dichlorophenol	0.325	0.308	5.2	103	0.00
30		Naphthalene	1.089	1.104	-1.4	113	0.00
31	S	4-Chloroaniline-d4	0.481	0.445	7.5	107	0.00
32		4-Chloroaniline	0.474	0.433	8.6	103	0.00
33	C	Hexachlorobutadiene	0.292	0.281	3.8	104	0.00
34		Caprolactam	0.132	0.115	12.9	89	-0.01
35	C	4-Chloro-3-methylphenol	0.402	0.389	3.2	104	0.00
36		2-Methylnaphthalene	0.829	0.820	1.1	108	0.00
37		1-Methylnaphthalene	0.824	0.805	2.3	107	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	105	0.00
39		1,2,4,5-Tetrachlorobenzene	0.634	0.657	-3.6	107	0.00
40		Hexachlorocyclopentadiene	0.437	0.384	12.1	107	0.00
41	C	2,4,6-Trichlorophenol	0.406	0.408	-0.5	105	0.00
42		2,4,5-Trichlorophenol	0.434	0.451	-3.9	108	0.00
43		1,1'-Biphenyl	1.477	1.530	-3.6	110	0.00
44		2-Chloronaphthalene	1.083	1.114	-2.9	105	0.00
45		2-Nitroaniline	0.389	0.374	3.9	101	0.00
46	S	Dimethylphthalate-d6	1.782	1.742	2.2	103	0.00
47		Dimethylphthalate	1.656	1.642	0.8	106	0.00

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.317	0.319	-0.6	102	0.00
49	S	Acenaphthylene-d8	1.722	1.745	-1.3	105	0.00
50		Acenaphthylene	1.853	1.886	-1.8	106	0.00
51		3-Nitroaniline	0.270	0.293	-8.5	102	0.00
52	C	Acenaphthene	1.258	1.284	-2.1	105	0.00
53		2,4-Dinitrophenol	0.213	0.199	6.6	103	0.00
54	S	4-Nitrophenol-d4	0.279	0.275	1.4	100	0.00
55		4-Nitrophenol	0.370	0.359	3.0	99	0.00
56		Dibenzofuran	1.863	1.865	-0.1	105	0.00
57		2,4-Dinitrotoluene	0.511	0.530	-3.7	107	0.00
58		2,3,4,6-Tetrachlorophenol	0.457	0.462	-1.1	105	0.00
59		Diethylphthalate	1.813	1.769	2.4	100	0.00
60	S	Fluorene-d10	1.446	1.459	-0.9	105	0.00
61		Fluorene	1.580	1.576	0.3	103	0.00
62		4-Chlorophenyl-phenylether	0.833	0.850	-2.0	105	0.00
63		4-Nitroaniline	0.278	0.298	-7.2	100	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.143	0.137	4.2	99	0.00
66		4,6-Dinitro-2-methylphenol	0.145	0.141	2.8	102	-0.01
67		N-Nitrosodiphenylamine	0.546	0.562	-2.9	106	0.00
68		4-Bromophenyl-phenylether	0.235	0.235	0.0	100	0.00
69		Hexachlorobenzene	0.264	0.266	-0.8	102	0.00
70		Atrazine	0.269	0.268	0.4	102	0.00
71	C	Pentachlorophenol	0.170	0.161	5.3	103	0.00
72		Phenanthrene	1.087	1.090	-0.3	103	0.00
73	S	Anthracene-d10	0.998	0.985	1.3	100	0.00
74		Anthracene	1.106	1.119	-1.2	103	0.00
75		1,2,3,4-Tetrachlorobenzene	0.271	0.279	-3.0	107	0.00
76		Pentachlorobenzene	0.296	0.294	0.7	103	0.00
77		Carbazole	0.961	0.962	-0.1	101	0.00
78		Di-n-butylphthalate	1.193	1.153	3.4	100	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	107	0.00
80		Fluoranthene	1.274	1.205	5.4	101	0.00
81	S	Pyrene-d10	1.127	1.066	5.4	101	0.00
82		Pyrene	1.312	1.252	4.6	102	0.00
83		Butylbenzylphthalate	0.513	0.480	6.4	101	0.00
84		3,3'-Dichlorobenzidine	0.420	0.447	-6.4	106	0.00
85		Benzo(a)anthracene	1.341	1.312	2.2	104	0.00
86		Bis(2-ethylhexyl)phthalate	0.736	0.719	2.3	106	0.00
87		Chrysene	1.262	1.235	2.1	107	0.00
88	I	Perylene-d12	1.000	1.000	0.0	105	-0.01
89		Di-n-octyl phthalate	1.139	1.145	-0.5	103	0.00
90		Benzo(b)fluoranthene	1.203	1.237	-2.8	107	0.00
91		Benzo(k)fluoranthene	1.197	1.183	1.2	103	0.00
92	S	Benzo(a)pyrene-d12	1.031	1.057	-2.5	106	-0.01
93	C	Benzo(a)pyrene	1.117	1.131	-1.3	105	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.445	1.459	-1.0	105	0.00
95	Dibenzo(a,h)anthracene	1.164	1.211	-4.0	107	-0.01
96	Benzo(g,h,i)perylene	1.179	1.209	-2.5	105	-0.02

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