Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091225\
Data File : BG064354.D
Acq On : 12 Sep 2025 11:15
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Quant Time: Sep 12 13:09:48 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	96	0.00
2		1,4-Dioxane	0.426	0.446	-4.7	100	0.00
3	S	1,4-Dioxane-d8	0.381	0.390	-2.4	102	0.00
4	S	Pyridine-d5	1.111	1.175	-5.8	103	0.00
5		Pyridine	1.171	1.191	-1.7	95	0.00
6		Benzaldehyde	0.760	1.019	-34.1#	100	0.00
7	S	Phenol-d5	1.635	1.530	6.4	93	0.00
8		Phenol	1.674	1.553	7.2	92	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.853	0.846	0.8	99	0.00
10		Bis(2-Chloroethyl)ether	1.156	1.057	8.6	94	0.00
11	S	2-Chlorophenol-d4	1.307	1.329	-1.7	93	0.00
12		2-Chlorophenol	1.359	1.340	1.4	91	0.00
13		2-Methylphenol	1.389	1.281	7.8	93	0.00
14		2,2'-oxybis(1-Chloropropane	2.153	2.000	7.1	91	0.01
15	S	4-Methylphenol-d8	1.487	1.374	7.6	95	0.00
16		Acetophenone	2.365	2.234	5.5	94	0.00
17	P	N-Nitroso-di-n-propylamine	1.112	1.099	1.2	97	0.00
18		4-Methylphenol	1.494	1.364	8.7	92	0.00
19		Hexachloroethane	0.599	0.574	4.2	95	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
21	S	Nitrobenzene-d5	0.157	0.149	5.1	91	-0.01
22		Nitrobenzene	0.390	0.392	-0.5	93	0.00
23		Isophorone	0.750	0.741	1.2	92	0.00
24	S	2-Nitrophenol-d4	0.191	0.192	-0.5	95	0.00
25	C	2-Nitrophenol	0.184	0.193	-4.9	92	0.00
26		2,4-Dimethylphenol	0.407	0.363	10.8	89	0.00
27		Bis(2-Chloroethoxy)methane	0.380	0.380	0.0	94	0.00
28	S	2,4-Dichlorophenol-d3	0.356	0.365	-2.5	95	0.00
29	C	2,4-Dichlorophenol	0.325	0.335	-3.1	96	0.00
30		Naphthalene	1.089	1.064	2.3	93	0.00
31	S	4-Chloroaniline-d4	0.481	0.470	2.3	97	0.00
32		4-Chloroaniline	0.474	0.456	3.8	93	0.00
33	C	Hexachlorobutadiene	0.292	0.284	2.7	90	0.00
34		Caprolactam	0.132	0.130	1.5	86	0.02
35	C	4-Chloro-3-methylphenol	0.402	0.410	-2.0	94	0.00
36		2-Methylnaphthalene	0.829	0.845	-1.9	95	0.00
37		1-Methylnaphthalene	0.824	0.833	-1.1	95	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	92	0.00
39		1,2,4,5-Tetrachlorobenzene	0.634	0.658	-3.8	94	0.00
40		Hexachlorocyclopentadiene	0.437	0.384	12.1	93	0.00
41	C	2,4,6-Trichlorophenol	0.406	0.400	1.5	91	0.00
42		2,4,5-Trichlorophenol	0.434	0.457	-5.3	96	0.00
43		1,1'-Biphenyl	1.477	1.510	-2.2	95	0.00
44		2-Chloronaphthalene	1.083	1.140	-5.3	95	0.00
45		2-Nitroaniline	0.389	0.411	-5.7	97	0.00
46	S	Dimethylphthalate-d6	1.782	1.856	-4.2	96	0.00
47		Dimethylphthalate	1.656	1.704	-2.9	96	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.317	0.365	-15.1	102	0.00
49	S	Acenaphthylene-d8	1.722	1.751	-1.7	92	0.00
50		Acenaphthylene	1.853	1.932	-4.3	95	0.00
51		3-Nitroaniline	0.270	0.297	-10.0	91	0.00
52	C	Acenaphthene	1.258	1.319	-4.8	95	0.00
53		2,4-Dinitrophenol	0.213	0.204	4.2	93	0.00
54	S	4-Nitrophenol-d4	0.279	0.292	-4.7	92	0.00
55		4-Nitrophenol	0.370	0.382	-3.2	92	0.00
56		Dibenzofuran	1.863	1.958	-5.1	97	0.00
57		2,4-Dinitrotoluene	0.511	0.532	-4.1	94	0.00
58		2,3,4,6-Tetrachlorophenol	0.457	0.470	-2.8	93	0.00
59		Diethylphthalate	1.813	1.832	-1.0	91	0.00
60	S	Fluorene-d10	1.446	1.501	-3.8	94	0.00
61		Fluorene	1.580	1.625	-2.8	93	0.00
62		4-Chlorophenyl-phenylether	0.833	0.851	-2.2	92	0.00
63		4-Nitroaniline	0.278	0.309	-11.2	90	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	92	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.143	0.136	4.9	88	0.00
66		4,6-Dinitro-2-methylphenol	0.145	0.152	-4.8	97	0.00
67		N-Nitrosodiphenylamine	0.546	0.570	-4.4	96	0.00
68		4-Bromophenyl-phenylether	0.235	0.232	1.3	88	0.00
69		Hexachlorobenzene	0.264	0.264	0.0	91	0.00
70		Atrazine	0.269	0.269	0.0	91	0.00
71	C	Pentachlorophenol	0.170	0.162	4.7	93	0.00
72		Phenanthrene	1.087	1.113	-2.4	94	0.00
73	S	Anthracene-d10	0.998	1.024	-2.6	92	0.00
74		Anthracene	1.106	1.146	-3.6	94	0.00
75		1,2,3,4-Tetrachlorobenzene	0.271	0.266	1.8	90	0.00
76		Pentachlorobenzene	0.296	0.309	-4.4	96	0.00
77		Carbazole	0.961	0.987	-2.7	93	0.00
78		Di-n-butylphthalate	1.193	1.188	0.4	91	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	91	0.00
80		Fluoranthene	1.274	1.290	-1.3	91	0.00
81	S	Pyrene-d10	1.127	1.140	-1.2	91	0.00
82		Pyrene	1.312	1.329	-1.3	92	0.00
83		Butylbenzylphthalate	0.513	0.516	-0.6	92	0.00
84		3,3'-Dichlorobenzidine	0.420	0.458	-9.0	91	0.00
85		Benzo(a)anthracene	1.341	1.382	-3.1	92	0.00
86		Bis(2-ethylhexyl)phthalate	0.736	0.735	0.1	92	0.00
87		Chrysene	1.262	1.299	-2.9	95	0.00
88	I	Perylene-d12	1.000	1.000	0.0	95	-0.01
89		Di-n-octyl phthalate	1.139	1.136	0.3	93	0.00
90		Benzo(b)fluoranthene	1.203	1.164	3.2	92	0.00
91		Benzo(k)fluoranthene	1.197	1.187	0.8	94	0.00
92	S	Benzo(a)pyrene-d12	1.031	1.026	0.5	93	-0.01
93	C	Benzo(a)pyrene	1.117	1.110	0.6	94	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.445	1.420	1.7	93	0.00
95	Dibenzo(a,h)anthracene	1.164	1.150	1.2	92	-0.01
96	Benzo(g,h,i)perylene	1.179	1.144	3.0	90	0.00

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