Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091525\
Data File : BG064380.D
Acq On : 15 Sep 2025 18:24
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Quant Time: Sep 16 10:56:27 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	114	0.00
2		1,4-Dioxane	0.426	0.474	-11.3	126	0.00
3	S	1,4-Dioxane-d8	0.381	0.413	-8.4	127	0.00
4	S	Pyridine-d5	1.111	1.185	-6.7	123	0.00
5		Pyridine	1.171	1.133	3.2	107	0.00
6		Benzaldehyde	0.760	0.982	-29.2#	115	0.00
7	S	Phenol-d5	1.635	1.555	4.9	112	0.00
8		Phenol	1.674	1.509	9.9	106	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.853	0.837	1.9	116	0.00
10		Bis(2-Chloroethyl)ether	1.156	1.159	-0.3	122	0.00
11	S	2-Chlorophenol-d4	1.307	1.323	-1.2	110	0.00
12		2-Chlorophenol	1.359	1.353	0.4	109	0.00
13		2-Methylphenol	1.389	1.271	8.5	110	0.00
14		2,2'-oxybis(1-Chloropropane	2.153	2.100	2.5	113	0.00
15	S	4-Methylphenol-d8	1.487	1.433	3.6	117	0.00
16		Acetophenone	2.365	2.307	2.5	115	0.00
17	P	N-Nitroso-di-n-propylamine	1.112	1.122	-0.9	117	0.00
18		4-Methylphenol	1.494	1.416	5.2	113	0.00
19		Hexachloroethane	0.599	0.548	8.5	108	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
21	S	Nitrobenzene-d5	0.157	0.161	-2.5	118	0.00
22		Nitrobenzene	0.390	0.383	1.8	109	0.00
23		Isophorone	0.750	0.737	1.7	110	0.00
24	S	2-Nitrophenol-d4	0.191	0.197	-3.1	117	-0.01
25	C	2-Nitrophenol	0.184	0.187	-1.6	106	0.00
26		2,4-Dimethylphenol	0.407	0.419	-2.9	123	0.00
27		Bis(2-Chloroethoxy)methane	0.380	0.395	-3.9	117	0.00
28	S	2,4-Dichlorophenol-d3	0.356	0.352	1.1	110	0.00
29	C	2,4-Dichlorophenol	0.325	0.323	0.6	111	0.00
30		Naphthalene	1.089	1.070	1.7	113	0.00
31	S	4-Chloroaniline-d4	0.481	0.454	5.6	113	0.00
32		4-Chloroaniline	0.474	0.456	3.8	112	0.00
33	C	Hexachlorobutadiene	0.292	0.301	-3.1	115	0.00
34		Caprolactam	0.132	0.118	10.6	94	0.00
35	C	4-Chloro-3-methylphenol	0.402	0.403	-0.2	110	0.00
36		2-Methylnaphthalene	0.829	0.818	1.3	110	0.00
37		1-Methylnaphthalene	0.824	0.848	-2.9	116	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	113	0.00
39		1,2,4,5-Tetrachlorobenzene	0.634	0.653	-3.0	115	0.00
40		Hexachlorocyclopentadiene	0.437	0.420	3.9	126	0.00
41	C	2,4,6-Trichlorophenol	0.406	0.400	1.5	112	0.00
42		2,4,5-Trichlorophenol	0.434	0.434	0.0	112	0.00
43		1,1'-Biphenyl	1.477	1.508	-2.1	117	0.00
44		2-Chloronaphthalene	1.083	1.098	-1.4	112	0.00
45		2-Nitroaniline	0.389	0.376	3.3	110	0.00
46	S	Dimethylphthalate-d6	1.782	1.701	4.5	108	0.00
47		Dimethylphthalate	1.656	1.607	3.0	112	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	0.329	-3.8	113	0.00
49	S	Acenaphthylene-d8	1.722	1.748	-1.5	114	0.00
50		Acenaphthylene	1.853	1.890	-2.0	114	0.00
51		3-Nitroaniline	0.270	0.276	-2.2	104	0.00
52	C	Acenaphthene	1.258	1.251	0.6	111	0.00
53		2,4-Dinitrophenol	0.213	0.167	21.6	93	0.00
54	S	4-Nitrophenol-d4	0.279	0.250	10.4	98	0.00
55		4-Nitrophenol	0.370	0.330	10.8	98	0.00
56		Dibenzofuran	1.863	1.902	-2.1	116	0.00
57		2,4-Dinitrotoluene	0.511	0.502	1.8	110	0.00
58		2,3,4,6-Tetrachlorophenol	0.457	0.444	2.8	109	0.00
59		Diethylphthalate	1.813	1.595	12.0	98	0.00
60	S	Fluorene-d10	1.446	1.413	2.3	109	0.00
61		Fluorene	1.580	1.543	2.3	109	0.00
62		4-Chlorophenyl-phenylether	0.833	0.818	1.8	109	0.00
63		4-Nitroaniline	0.278	0.252	9.4	91	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	102	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.143	0.139	2.8	99	0.00
66		4,6-Dinitro-2-methylphenol	0.145	0.139	4.1	99	0.00
67		N-Nitrosodiphenylamine	0.546	0.591	-8.2	110	0.00
68		4-Bromophenyl-phenylether	0.235	0.254	-8.1	107	0.00
69		Hexachlorobenzene	0.264	0.284	-7.6	108	0.00
70		Atrazine	0.269	0.221	17.8	83	0.00
71	C	Pentachlorophenol	0.170	0.145	14.7	92	0.00
72		Phenanthrene	1.087	1.111	-2.2	103	0.00
73	S	Anthracene-d10	0.998	1.009	-1.1	101	0.00
74		Anthracene	1.106	1.127	-1.9	103	0.00
75		1,2,3,4-Tetrachlorobenzene	0.271	0.306	-12.9	115	0.00
76		Pentachlorobenzene	0.296	0.331	-11.8	114	0.00
77		Carbazole	0.961	0.907	5.6	94	0.00
78		Di-n-butylphthalate	1.193	0.962	19.4	82	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	91	0.00
80		Fluoranthene	1.274	1.273	0.1	90	0.00
81	S	Pyrene-d10	1.127	1.096	2.8	87	0.00
82		Pyrene	1.312	1.285	2.1	88	0.00
83		Butylbenzylphthalate	0.513	0.476	7.2	85	0.00
84		3,3'-Dichlorobenzidine	0.420	0.480	-14.3	96	0.00
85		Benzo(a)anthracene	1.341	1.335	0.4	89	0.00
86		Bis(2-ethylhexyl)phthalate	0.736	0.702	4.6	87	0.00
87		Chrysene	1.262	1.262	0.0	92	0.00
88	I	Perylene-d12	1.000	1.000	0.0	91	-0.01
89		Di-n-octyl phthalate	1.139	1.116	2.0	87	-0.01
90		Benzo(b)fluoranthene	1.203	1.279	-6.3	96	-0.01
91		Benzo(k)fluoranthene	1.197	1.223	-2.2	93	0.00
92	S	Benzo(a)pyrene-d12	1.031	1.063	-3.1	92	-0.02
93	C	Benzo(a)pyrene	1.117	1.157	-3.6	93	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.445	1.467	-1.5	92	-0.02
95	Dibenzo(a,h)anthracene	1.164	1.201	-3.2	91	-0.02
96	Benzo(g,h,i)perylene	1.179	1.202	-2.0	90	-0.03

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