Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091525\
Data File : BN037715.D
Acq On : 15 Sep 2025 10:13
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Quant Time: Sep 15 11:14:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 15:43:05 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	88	0.00
2		1,4-Dioxane	0.503	0.540	-7.4	90	0.00
3	S	1,4-Dioxane-d8	0.472	0.502	-6.4	90	0.00
4	S	Pyridine-d5	1.313	1.379	-5.0	87	0.00
5		Pyridine	1.357	1.427	-5.2	87	0.00
6		Benzaldehyde	0.699	0.962	-37.6#	87	0.00
7	S	Phenol-d5	1.492	1.586	-6.3	86	0.00
8		Phenol	1.553	1.635	-5.3	86	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.920	0.998	-8.5	87	0.00
10		Bis(2-Chloroethyl)ether	1.238	1.354	-9.4	88	0.00
11	S	2-Chlorophenol-d4	1.231	1.366	-11.0	87	0.00
12		2-Chlorophenol	1.288	1.413	-9.7	87	0.00
13		2-Methylphenol	1.145	1.227	-7.2	85	0.00
14		2,2'-oxybis(1-Chloropropane	1.706	1.848	-8.3	86	0.00
15	S	4-Methylphenol-d8	1.175	1.262	-7.4	86	0.00
16		Acetophenone	1.871	2.082	-11.3	87	0.00
17	P	N-Nitroso-di-n-propylamine	0.853	0.964	-13.0	87	0.00
18		4-Methylphenol	1.235	1.316	-6.6	85	0.00
19		Hexachloroethane	0.548	0.591	-7.8	88	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	88	0.00
21	S	Nitrobenzene-d5	0.151	0.162	-7.3	86	0.00
22		Nitrobenzene	0.345	0.365	-5.8	86	0.00
23		Isophorone	0.599	0.663	-10.7	87	0.00
24	S	2-Nitrophenol-d4	0.123	0.142	-15.4	89	0.00
25	C	2-Nitrophenol	0.146	0.166	-13.7	89	0.00
26		2,4-Dimethylphenol	0.332	0.360	-8.4	87	0.00
27		Bis(2-Chloroethoxy)methane	0.399	0.442	-10.8	89	0.00
28	S	2,4-Dichlorophenol-d3	0.282	0.310	-9.9	87	0.00
29	C	2,4-Dichlorophenol	0.288	0.309	-7.3	85	0.00
30		Naphthalene	1.068	1.132	-6.0	87	0.00
31	S	4-Chloroaniline-d4	0.427	0.449	-5.2	88	0.00
32		4-Chloroaniline	0.427	0.444	-4.0	85	0.00
33	C	Hexachlorobutadiene	0.201	0.223	-10.9	93	0.00
34		Caprolactam	0.085	0.082	3.5	84	0.00
35	C	4-Chloro-3-methylphenol	0.271	0.300	-10.7	87	0.00
36		2-Methylnaphthalene	0.702	0.773	-10.1	88	0.00
37		1-Methylnaphthalene	0.695	0.759	-9.2	88	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	87	0.00
39		1,2,4,5-Tetrachlorobenzene	0.624	0.658	-5.4	87	0.00
40		Hexachlorocyclopentadiene	0.400	0.419	-4.7	91	0.00
41	C	2,4,6-Trichlorophenol	0.337	0.384	-13.9	87	0.00
42		2,4,5-Trichlorophenol	0.392	0.430	-9.7	87	0.00
43		1,1'-Biphenyl	1.540	1.680	-9.1	88	0.00
44		2-Chloronaphthalene	1.213	1.297	-6.9	88	0.00
45		2-Nitroaniline	0.276	0.292	-5.8	85	0.00
46	S	Dimethylphthalate-d6	1.335	1.472	-10.3	89	0.00
47		Dimethylphthalate	1.335	1.465	-9.7	89	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.239	0.269	-12.6	88	0.00
49	S	Acenaphthylene-d8	1.669	1.821	-9.1	88	0.00
50		Acenaphthylene	1.936	2.105	-8.7	88	0.00
51		3-Nitroaniline	0.256	0.282	-10.2	87	0.00
52	C	Acenaphthene	1.260	1.352	-7.3	89	0.00
53		2,4-Dinitrophenol	0.101	0.088	12.9	93	0.00
54	S	4-Nitrophenol-d4	0.250	0.242	3.2	87	0.00
55		4-Nitrophenol	0.191	0.185	3.1	87	0.00
56		Dibenzofuran	1.719	1.837	-6.9	89	0.00
57		2,4-Dinitrotoluene	0.342	0.384	-12.3	88	0.00
58		2,3,4,6-Tetrachlorophenol	0.274	0.311	-13.5	89	0.00
59		Diethylphthalate	1.269	1.391	-9.6	88	0.00
60	S	Fluorene-d10	1.194	1.295	-8.5	89	0.00
61		Fluorene	1.393	1.503	-7.9	90	0.00
62		4-Chlorophenyl-phenylether	0.670	0.732	-9.3	89	0.00
63		4-Nitroaniline	0.241	0.268	-11.2	86	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	88	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.090	0.084	6.7	94	0.00
66		4,6-Dinitro-2-methylphenol	0.101	0.095	5.9	90	0.00
67		N-Nitrosodiphenylamine	0.641	0.700	-9.2	89	0.00
68		4-Bromophenyl-phenylether	0.225	0.260	-15.6	92	0.00
69		Hexachlorobenzene	0.275	0.302	-9.8	91	0.00
70		Atrazine	0.216	0.223	-3.2	89	0.00
71	C	Pentachlorophenol	0.151	0.155	-2.6	90	0.00
72		Phenanthrene	1.159	1.212	-4.6	88	0.00
73	S	Anthracene-d10	0.994	1.053	-5.9	88	0.00
74		Anthracene	1.175	1.245	-6.0	88	0.00
75		1,2,3,4-Tetrachlorobenzene	0.356	0.405	-13.8	92	0.00
76		Pentachlorobenzene	0.341	0.379	-11.1	92	0.00
77		Carbazole	1.041	1.064	-2.2	88	0.00
78		Di-n-butylphthalate	1.056	1.216	-15.2	92	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	90	0.00
80		Fluoranthene	1.220	1.395	-14.3	91	0.00
81	S	Pyrene-d10	1.045	1.196	-14.4	91	0.00
82		Pyrene	1.298	1.462	-12.6	91	0.00
83		Butylbenzylphthalate	0.366	0.441	-20.5	92	0.00
84		3,3'-Dichlorobenzidine	0.386	0.421	-9.1	92	0.00
85		Benzo(a)anthracene	1.283	1.397	-8.9	89	0.00
86		Bis(2-ethylhexyl)phthalate	0.552	0.693	-25.5#	95	0.00
87		Chrysene	1.226	1.314	-7.2	89	0.00
88	I	Perylene-d12	1.000	1.000	0.0	88	0.00
89		Di-n-octyl phthalate	0.942	1.023	-8.6	102	0.00
90		Benzo(b)fluoranthene	1.181	1.287	-9.0	89	0.00
91		Benzo(k)fluoranthene	1.191	1.287	-8.1	90	0.00
92	S	Benzo(a)pyrene-d12	1.010	1.097	-8.6	89	0.00
93	C	Benzo(a)pyrene	1.132	1.230	-8.7	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.481	1.600	-8.0	87	0.01
95	Dibenzo(a,h)anthracene	1.224	1.312	-7.2	88	0.00
96	Benzo(g,h,i)perylene	1.213	1.271	-4.8	86	0.00

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