Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091525\
Data File : BN037722.D
Acq On : 15 Sep 2025 15:59
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Quant Time: Sep 15 17:34:10 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	74	0.01
2		1,4-Dioxane	0.503	0.549	-9.1	76	0.00
3	S	1,4-Dioxane-d8	0.472	0.533	-12.9	80	0.00
4	S	Pyridine-d5	1.313	1.424	-8.5	75	0.00
5		Pyridine	1.357	1.481	-9.1	75	0.00
6		Benzaldehyde	0.699	0.970	-38.8#	73	0.01
7	S	Phenol-d5	1.492	1.611	-8.0	73	0.01
8		Phenol	1.553	1.682	-8.3	74	0.01
9	S	Bis-(2-Chloroethyl)ether-d8	0.920	0.988	-7.4	72	0.00
10		Bis(2-Chloroethyl)ether	1.238	1.351	-9.1	73	0.01
11	S	2-Chlorophenol-d4	1.231	1.373	-11.5	73	0.01
12		2-Chlorophenol	1.288	1.422	-10.4	73	0.00
13		2-Methylphenol	1.145	1.216	-6.2	70	0.00
14		2,2'-oxybis(1-Chloropropane	1.706	1.780	-4.3	69	0.00
15	S	4-Methylphenol-d8	1.175	1.252	-6.6	71	0.01
16		Acetophenone	1.871	2.067	-10.5	72	0.01
17	P	N-Nitroso-di-n-propylamine	0.853	0.935	-9.6	70	0.01
18		4-Methylphenol	1.235	1.311	-6.2	71	0.01
19		Hexachloroethane	0.548	0.600	-9.5	75	0.01
20	I	Naphthalene-d8	1.000	1.000	0.0	73	0.01
21	S	Nitrobenzene-d5	0.151	0.162	-7.3	71	0.01
22		Nitrobenzene	0.345	0.368	-6.7	72	0.01
23		Isophorone	0.599	0.641	-7.0	70	0.00
24	S	2-Nitrophenol-d4	0.123	0.134	-8.9	69	0.01
25	C	2-Nitrophenol	0.146	0.162	-11.0	71	0.01
26		2,4-Dimethylphenol	0.332	0.356	-7.2	71	0.01
27		Bis(2-Chloroethoxy)methane	0.399	0.427	-7.0	71	0.01
28	S	2,4-Dichlorophenol-d3	0.282	0.309	-9.6	72	0.01
29	C	2,4-Dichlorophenol	0.288	0.313	-8.7	71	0.00
30		Naphthalene	1.068	1.153	-8.0	73	0.01
31	S	4-Chloroaniline-d4	0.427	0.452	-5.9	73	0.01
32		4-Chloroaniline	0.427	0.452	-5.9	71	0.00
33	C	Hexachlorobutadiene	0.201	0.213	-6.0	73	0.01
34		Caprolactam	0.085	0.083	2.4	71	0.00
35	C	4-Chloro-3-methylphenol	0.271	0.295	-8.9	71	0.01
36		2-Methylnaphthalene	0.702	0.764	-8.8	72	0.01
37		1-Methylnaphthalene	0.695	0.754	-8.5	72	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	73	0.01
39		1,2,4,5-Tetrachlorobenzene	0.624	0.667	-6.9	73	0.01
40		Hexachlorocyclopentadiene	0.400	0.388	3.0	70	0.01
41	C	2,4,6-Trichlorophenol	0.337	0.374	-11.0	71	0.01
42		2,4,5-Trichlorophenol	0.392	0.416	-6.1	70	0.00
43		1,1'-Biphenyl	1.540	1.647	-6.9	72	0.00
44		2-Chloronaphthalene	1.213	1.299	-7.1	73	0.01
45		2-Nitroaniline	0.276	0.295	-6.9	71	0.01
46	S	Dimethylphthalate-d6	1.335	1.420	-6.4	72	0.00
47		Dimethylphthalate	1.335	1.444	-8.2	73	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.239	0.264	-10.5	72	0.01
49	S	Acenaphthylene-d8	1.669	1.817	-8.9	73	0.00
50		Acenaphthylene	1.936	2.060	-6.4	72	0.00
51		3-Nitroaniline	0.256	0.289	-12.9	74	0.01
52	C	Acenaphthene	1.260	1.349	-7.1	74	0.00
53		2,4-Dinitrophenol	0.101	0.086	14.9	75	0.00
54	S	4-Nitrophenol-d4	0.250	0.261	-4.4	78	0.00
55		4-Nitrophenol	0.191	0.199	-4.2	78	0.00
56		Dibenzofuran	1.719	1.853	-7.8	75	0.00
57		2,4-Dinitrotoluene	0.342	0.390	-14.0	75	0.00
58		2,3,4,6-Tetrachlorophenol	0.274	0.305	-11.3	73	0.00
59		Diethylphthalate	1.269	1.371	-8.0	72	0.00
60	S	Fluorene-d10	1.194	1.284	-7.5	73	0.00
61		Fluorene	1.393	1.515	-8.8	75	0.00
62		4-Chlorophenyl-phenylether	0.670	0.714	-6.6	72	0.00
63		4-Nitroaniline	0.241	0.296	-22.8	79	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	77	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.090	0.076	15.6	75	0.00
66		4,6-Dinitro-2-methylphenol	0.101	0.087	13.9	72	0.00
67		N-Nitrosodiphenylamine	0.641	0.674	-5.1	75	0.00
68		4-Bromophenyl-phenylether	0.225	0.246	-9.3	77	0.00
69		Hexachlorobenzene	0.275	0.296	-7.6	78	0.00
70		Atrazine	0.216	0.215	0.5	75	0.00
71	C	Pentachlorophenol	0.151	0.143	5.3	73	0.00
72		Phenanthrene	1.159	1.215	-4.8	77	0.00
73	S	Anthracene-d10	0.994	1.068	-7.4	78	0.00
74		Anthracene	1.175	1.262	-7.4	78	0.00
75		1,2,3,4-Tetrachlorobenzene	0.356	0.358	-0.6	71	0.00
76		Pentachlorobenzene	0.341	0.355	-4.1	75	0.00
77		Carbazole	1.041	1.107	-6.3	80	0.00
78		Di-n-butylphthalate	1.056	1.135	-7.5	75	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	86	0.00
80		Fluoranthene	1.220	1.310	-7.4	82	0.00
81	S	Pyrene-d10	1.045	1.138	-8.9	83	0.00
82		Pyrene	1.298	1.398	-7.7	84	0.00
83		Butylbenzylphthalate	0.366	0.394	-7.7	79	0.00
84		3,3'-Dichlorobenzidine	0.386	0.406	-5.2	85	0.00
85		Benzo(a)anthracene	1.283	1.421	-10.8	87	0.00
86		Bis(2-ethylhexyl)phthalate	0.552	0.611	-10.7	80	0.00
87		Chrysene	1.226	1.330	-8.5	86	0.00
88	I	Perylene-d12	1.000	1.000	0.0	88	0.00
89		Di-n-octyl phthalate	0.942	0.816	13.4	81	0.00
90		Benzo(b)fluoranthene	1.181	1.253	-6.1	86	0.00
91		Benzo(k)fluoranthene	1.191	1.311	-10.1	91	0.00
92	S	Benzo(a)pyrene-d12	1.010	1.084	-7.3	88	0.00
93	C	Benzo(a)pyrene	1.132	1.236	-9.2	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.481	1.588	-7.2	86	0.02
95	Dibenzo(a,h)anthracene	1.224	1.302	-6.4	86	0.02
96	Benzo(g,h,i)perylene	1.213	1.278	-5.4	86	0.01

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