Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100425\
Data File : BN038002.D
Acq On : 03 Oct 2025 18:05
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Quant Time: Oct 03 18:31:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 03 16:35:17 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	81	0.00
2		1,4-Dioxane	0.503	0.434	13.7	66	0.00
3	S	1,4-Dioxane-d8	0.472	0.403	14.6	66	0.00
4	S	Pyridine-d5	1.313	1.224	6.8	71	0.00
5		Pyridine	1.357	1.287	5.2	72	0.00
6		Benzaldehyde	0.699	0.814	-16.5	67	0.00
7	S	Phenol-d5	1.492	1.396	6.4	69	0.00
8		Phenol	1.553	1.505	3.1	72	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.920	0.910	1.1	73	0.00
10		Bis(2-Chloroethyl)ether	1.238	1.215	1.9	72	0.00
11	S	2-Chlorophenol-d4	1.231	1.141	7.3	67	0.00
12		2-Chlorophenol	1.288	1.210	6.1	68	0.00
13		2-Methylphenol	1.145	1.097	4.2	70	0.00
14		2,2'-oxybis(1-Chloropropane	1.706	1.701	0.3	72	0.00
15	S	4-Methylphenol-d8	1.175	1.170	0.4	72	0.00
16		Acetophenone	1.871	2.001	-6.9	77	0.00
17	P	N-Nitroso-di-n-propylamine	0.853	0.966	-13.2	80	0.00
18		4-Methylphenol	1.235	1.244	-0.7	74	0.00
19		Hexachloroethane	0.548	0.518	5.5	71	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	91	0.00
21	S	Nitrobenzene-d5	0.151	0.132	12.6	72	0.00
22		Nitrobenzene	0.345	0.320	7.2	78	0.00
23		Isophorone	0.599	0.573	4.3	77	0.00
24	S	2-Nitrophenol-d4	0.123	0.118	4.1	76	0.00
25	C	2-Nitrophenol	0.146	0.144	1.4	79	0.00
26		2,4-Dimethylphenol	0.332	0.307	7.5	76	0.00
27		Bis(2-Chloroethoxy)methane	0.399	0.373	6.5	77	0.00
28	S	2,4-Dichlorophenol-d3	0.282	0.254	9.9	74	0.00
29	C	2,4-Dichlorophenol	0.288	0.257	10.8	73	0.00
30		Naphthalene	1.068	0.962	9.9	76	0.00
31	S	4-Chloroaniline-d4	0.427	0.390	8.7	79	0.00
32		4-Chloroaniline	0.427	0.396	7.3	78	0.00
33	C	Hexachlorobutadiene	0.201	0.162	19.4	70	0.00
34		Caprolactam	0.085	0.073	14.1	77	0.00
35	C	4-Chloro-3-methylphenol	0.271	0.267	1.5	80	0.00
36		2-Methylnaphthalene	0.702	0.654	6.8	77	0.00
37		1-Methylnaphthalene	0.695	0.658	5.3	78	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00
39		1,2,4,5-Tetrachlorobenzene	0.624	0.501	19.7	74	0.00
40		Hexachlorocyclopentadiene	0.400	0.332	17.0	81	0.00
41	C	2,4,6-Trichlorophenol	0.337	0.295	12.5	75	0.00
42		2,4,5-Trichlorophenol	0.392	0.348	11.2	79	0.00
43		1,1'-Biphenyl	1.540	1.353	12.1	80	0.00
44		2-Chloronaphthalene	1.213	1.036	14.6	78	0.00
45		2-Nitroaniline	0.276	0.262	5.1	85	0.00
46	S	Dimethylphthalate-d6	1.335	1.215	9.0	83	0.00
47		Dimethylphthalate	1.335	1.242	7.0	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.239	0.226	5.4	83	0.00
49	S	Acenaphthylene-d8	1.669	1.449	13.2	78	0.00
50		Acenaphthylene	1.936	1.757	9.2	82	0.00
51		3-Nitroaniline	0.256	0.247	3.5	86	0.00
52	C	Acenaphthene	1.260	1.124	10.8	83	0.00
53		2,4-Dinitrophenol	0.101	0.089	11.9	104	0.00
54	S	4-Nitrophenol-d4	0.250	0.227	9.2	92	0.00
55		4-Nitrophenol	0.191	0.178	6.8	94	0.00
56		Dibenzofuran	1.719	1.541	10.4	84	0.00
57		2,4-Dinitrotoluene	0.342	0.338	1.2	87	0.00
58		2,3,4,6-Tetrachlorophenol	0.274	0.270	1.5	86	0.00
59		Diethylphthalate	1.269	1.208	4.8	86	0.00
60	S	Fluorene-d10	1.194	1.085	9.1	83	0.00
61		Fluorene	1.393	1.278	8.3	85	0.00
62		4-Chlorophenyl-phenylether	0.670	0.596	11.0	81	0.00
63		4-Nitroaniline	0.241	0.234	2.9	84	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	101	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.090	0.078	13.3	100	0.00
66		4,6-Dinitro-2-methylphenol	0.101	0.089	11.9	96	0.00
67		N-Nitrosodiphenylamine	0.641	0.586	8.6	85	0.00
68		4-Bromophenyl-phenylether	0.225	0.195	13.3	80	0.00
69		Hexachlorobenzene	0.275	0.254	7.6	87	0.00
70		Atrazine	0.216	0.168	22.2	77	0.00
71	C	Pentachlorophenol	0.151	0.125	17.2	84	0.00
72		Phenanthrene	1.159	1.042	10.1	87	0.00
73	S	Anthracene-d10	0.994	0.901	9.4	86	0.00
74		Anthracene	1.175	1.087	7.5	88	0.00
75		1,2,3,4-Tetrachlorobenzene	0.356	0.278	21.9	72	0.00
76		Pentachlorobenzene	0.341	0.298	12.6	83	0.00
77		Carbazole	1.041	0.900	13.5	85	0.00
78		Di-n-butylphthalate	1.056	0.960	9.1	83	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	98	0.00
80		Fluoranthene	1.220	1.165	4.5	83	0.00
81	S	Pyrene-d10	1.045	0.949	9.2	79	0.00
82		Pyrene	1.298	1.239	4.5	84	0.00
83		Butylbenzylphthalate	0.366	0.362	1.1	83	0.00
84		3,3'-Dichlorobenzidine	0.386	0.284	26.4#	68	0.00
85		Benzo(a)anthracene	1.283	1.073	16.4	75	0.00
86		Bis(2-ethylhexyl)phthalate	0.552	0.529	4.2	79	0.00
87		Chrysene	1.226	1.088	11.3	80	0.00
88	I	Perylene-d12	1.000	1.000	0.0	83	0.00
89		Di-n-octyl phthalate	0.942	0.765	18.8	72	0.00
90		Benzo(b)fluoranthene	1.181	1.081	8.5	71	0.00
91		Benzo(k)fluoranthene	1.191	1.080	9.3	71	0.00
92	S	Benzo(a)pyrene-d12	1.010	0.867	14.2	67	0.00
93	C	Benzo(a)pyrene	1.132	1.000	11.7	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.481	1.262	14.8	65	0.00
95	Dibenzo(a,h)anthracene	1.224	1.075	12.2	68	0.00
96	Benzo(g,h,i)perylene	1.213	1.034	14.8	66	0.00

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