Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100425\
Data File : BN037998.D
Acq On : 03 Oct 2025 15:27
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Quant Time: Oct 03 16:33:05 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	89	0.00
2		1,4-Dioxane	0.503	0.412	18.1	69	0.00
3	S	1,4-Dioxane-d8	0.472	0.376	20.3	68	0.00
4	S	Pyridine-d5	1.313	1.125	14.3	72	0.00
5		Pyridine	1.357	1.176	13.3	72	0.00
6		Benzaldehyde	0.699	0.818	-17.0	75	0.00
7	S	Phenol-d5	1.492	1.380	7.5	76	0.00
8		Phenol	1.553	1.459	6.1	77	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.920	0.889	3.4	78	0.00
10		Bis(2-Chloroethyl)ether	1.238	1.195	3.5	78	0.00
11	S	2-Chlorophenol-d4	1.231	1.155	6.2	74	0.00
12		2-Chlorophenol	1.288	1.215	5.7	75	0.00
13		2-Methylphenol	1.145	1.141	0.3	80	0.00
14		2,2'-oxybis(1-Chloropropane	1.706	1.744	-2.2	81	0.00
15	S	4-Methylphenol-d8	1.175	1.255	-6.8	86	0.00
16		Acetophenone	1.871	2.065	-10.4	87	0.00
17	P	N-Nitroso-di-n-propylamine	0.853	1.017	-19.2	93	0.00
18		4-Methylphenol	1.235	1.307	-5.8	85	0.00
19		Hexachloroethane	0.548	0.502	8.4	76	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
21	S	Nitrobenzene-d5	0.151	0.133	11.9	83	0.00
22		Nitrobenzene	0.345	0.309	10.4	85	0.00
23		Isophorone	0.599	0.589	1.7	90	0.00
24	S	2-Nitrophenol-d4	0.123	0.125	-1.6	91	0.00
25	C	2-Nitrophenol	0.146	0.150	-2.7	94	0.00
26		2,4-Dimethylphenol	0.332	0.311	6.3	87	0.00
27		Bis(2-Chloroethoxy)methane	0.399	0.382	4.3	90	0.00
28	S	2,4-Dichlorophenol-d3	0.282	0.256	9.2	84	0.00
29	C	2,4-Dichlorophenol	0.288	0.259	10.1	83	0.00
30		Naphthalene	1.068	0.947	11.3	85	0.00
31	S	4-Chloroaniline-d4	0.427	0.404	5.4	93	0.00
32		4-Chloroaniline	0.427	0.409	4.2	91	0.00
33	C	Hexachlorobutadiene	0.201	0.164	18.4	80	0.00
34		Caprolactam	0.085	0.084	1.2	101	0.00
35	C	4-Chloro-3-methylphenol	0.271	0.280	-3.3	95	0.00
36		2-Methylnaphthalene	0.702	0.681	3.0	91	0.00
37		1-Methylnaphthalene	0.695	0.676	2.7	91	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	118	0.00
39		1,2,4,5-Tetrachlorobenzene	0.624	0.489	21.6	87	0.00
40		Hexachlorocyclopentadiene	0.400	0.321	19.8	94	0.00
41	C	2,4,6-Trichlorophenol	0.337	0.299	11.3	92	0.00
42		2,4,5-Trichlorophenol	0.392	0.348	11.2	95	0.00
43		1,1'-Biphenyl	1.540	1.337	13.2	95	0.00
44		2-Chloronaphthalene	1.213	1.029	15.2	94	0.00
45		2-Nitroaniline	0.276	0.269	2.5	105	0.00
46	S	Dimethylphthalate-d6	1.335	1.293	3.1	106	0.00
47		Dimethylphthalate	1.335	1.269	4.9	105	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.239	0.238	0.4	105	0.00
49	S	Acenaphthylene-d8	1.669	1.487	10.9	97	0.00
50		Acenaphthylene	1.936	1.728	10.7	98	0.00
51		3-Nitroaniline	0.256	0.250	2.3	105	0.00
52	C	Acenaphthene	1.260	1.118	11.3	99	0.00
53		2,4-Dinitrophenol	0.101	0.095	5.9	134	0.00
54	S	4-Nitrophenol-d4	0.250	0.239	4.4	116	0.00
55		4-Nitrophenol	0.191	0.183	4.2	116	0.00
56		Dibenzofuran	1.719	1.551	9.8	102	0.00
57		2,4-Dinitrotoluene	0.342	0.358	-4.7	111	0.00
58		2,3,4,6-Tetrachlorophenol	0.274	0.284	-3.6	110	0.00
59		Diethylphthalate	1.269	1.265	0.3	108	0.00
60	S	Fluorene-d10	1.194	1.126	5.7	104	0.00
61		Fluorene	1.393	1.301	6.6	105	0.00
62		4-Chlorophenyl-phenylether	0.670	0.628	6.3	103	0.00
63		4-Nitroaniline	0.241	0.253	-5.0	109	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	131	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.090	0.085	5.6	142	0.00
66		4,6-Dinitro-2-methylphenol	0.101	0.096	5.0	136	0.00
67		N-Nitrosodiphenylamine	0.641	0.573	10.6	109	0.00
68		4-Bromophenyl-phenylether	0.225	0.205	8.9	109	0.00
69		Hexachlorobenzene	0.275	0.247	10.2	111	0.00
70		Atrazine	0.216	0.186	13.9	111	0.00
71	C	Pentachlorophenol	0.151	0.132	12.6	115	0.00
72		Phenanthrene	1.159	1.027	11.4	111	0.00
73	S	Anthracene-d10	0.994	0.875	12.0	109	0.00
74		Anthracene	1.175	1.031	12.3	109	0.00
75		1,2,3,4-Tetrachlorobenzene	0.356	0.262	26.4#	89	0.00
76		Pentachlorobenzene	0.341	0.280	17.9	101	0.00
77		Carbazole	1.041	0.886	14.9	109	0.00
78		Di-n-butylphthalate	1.056	1.011	4.3	114	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	119	0.00
80		Fluoranthene	1.220	1.288	-5.6	112	0.00
81	S	Pyrene-d10	1.045	1.073	-2.7	108	0.00
82		Pyrene	1.298	1.335	-2.9	111	0.00
83		Butylbenzylphthalate	0.366	0.416	-13.7	115	0.00
84		3,3'-Dichlorobenzidine	0.386	0.308	20.2	89	0.00
85		Benzo(a)anthracene	1.283	1.130	11.9	95	0.00
86		Bis(2-ethylhexyl)phthalate	0.552	0.534	3.3	97	0.00
87		Chrysene	1.226	1.073	12.5	96	0.00
88	I	Perylene-d12	1.000	1.000	0.0	87	0.00
89		Di-n-octyl phthalate	0.942	0.789	16.2	78	0.00
90		Benzo(b)fluoranthene	1.181	1.154	2.3	79	0.00
91		Benzo(k)fluoranthene	1.191	1.135	4.7	78	0.00
92	S	Benzo(a)pyrene-d12	1.010	0.887	12.2	72	0.00
93	C	Benzo(a)pyrene	1.132	1.006	11.1	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.481	1.141	23.0	62	0.00
95	Dibenzo(a,h)anthracene	1.224	0.969	20.8	64	0.00
96	Benzo(g,h,i)perylene	1.213	0.922	24.0	62	0.00

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