Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101725\
Data File : BN038099.D
Acq On : 17 Oct 2025 17:16
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Quant Time: Oct 17 17:58:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101725.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 17 15:05:52 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	93	0.00
2		1,4-Dioxane	0.507	0.513	-1.2	91	0.00
3	S	1,4-Dioxane-d8	0.489	0.508	-3.9	97	0.00
4	S	Pyridine-d5	1.277	1.286	-0.7	94	0.00
5		Pyridine	1.393	1.379	1.0	92	0.00
6		Benzaldehyde	0.843	1.110	-31.7#	96	0.00
7	S	Phenol-d5	1.609	1.575	2.1	94	0.00
8		Phenol	1.682	1.684	-0.1	95	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	1.018	1.044	-2.6	94	0.00
10		Bis(2-Chloroethyl)ether	1.388	1.417	-2.1	94	0.00
11	S	2-Chlorophenol-d4	1.324	1.354	-2.3	93	0.00
12		2-Chlorophenol	1.404	1.442	-2.7	94	0.00
13		2-Methylphenol	1.286	1.255	2.4	92	0.00
14		2,2'-oxybis(1-Chloropropane	1.985	2.044	-3.0	95	0.00
15	S	4-Methylphenol-d8	1.334	1.304	2.2	92	0.00
16		Acetophenone	2.159	2.210	-2.4	94	0.00
17	P	N-Nitroso-di-n-propylamine	1.030	1.073	-4.2	95	0.00
18		4-Methylphenol	1.401	1.416	-1.1	94	0.00
19		Hexachloroethane	0.607	0.625	-3.0	94	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	96	0.00
21	S	Nitrobenzene-d5	0.156	0.157	-0.6	94	0.00
22		Nitrobenzene	0.371	0.377	-1.6	94	0.00
23		Isophorone	0.679	0.674	0.7	93	0.00
24	S	2-Nitrophenol-d4	0.159	0.151	5.0	90	0.00
25	C	2-Nitrophenol	0.180	0.179	0.6	94	0.00
26		2,4-Dimethylphenol	0.363	0.369	-1.7	94	0.00
27		Bis(2-Chloroethoxy)methane	0.442	0.455	-2.9	96	0.00
28	S	2,4-Dichlorophenol-d3	0.302	0.306	-1.3	94	0.00
29	C	2,4-Dichlorophenol	0.309	0.315	-1.9	95	0.00
30		Naphthalene	1.121	1.123	-0.2	93	0.00
31	S	4-Chloroaniline-d4	0.431	0.430	0.2	96	0.00
32		4-Chloroaniline	0.441	0.426	3.4	94	0.00
33	C	Hexachlorobutadiene	0.203	0.204	-0.5	94	0.00
34		Caprolactam	0.095	0.089	6.3	95	0.00
35	C	4-Chloro-3-methylphenol	0.311	0.310	0.3	93	0.00
36		2-Methylnaphthalene	0.769	0.783	-1.8	95	0.00
37		1-Methylnaphthalene	0.740	0.770	-4.1	96	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	94	0.00
39		1,2,4,5-Tetrachlorobenzene	0.610	0.617	-1.1	95	0.00
40		Hexachlorocyclopentadiene	0.442	0.410	7.2	90	0.00
41	C	2,4,6-Trichlorophenol	0.378	0.369	2.4	91	0.00
42		2,4,5-Trichlorophenol	0.422	0.425	-0.7	94	0.00
43		1,1'-Biphenyl	1.592	1.623	-1.9	94	0.00
44		2-Chloronaphthalene	1.224	1.269	-3.7	96	0.00
45		2-Nitroaniline	0.312	0.317	-1.6	93	0.00
46	S	Dimethylphthalate-d6	1.442	1.456	-1.0	95	0.00
47		Dimethylphthalate	1.455	1.479	-1.6	95	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.269	0.274	-1.9	92	0.00
49	S	Acenaphthylene-d8	1.698	1.751	-3.1	94	0.00
50		Acenaphthylene	2.010	2.092	-4.1	96	0.00
51		3-Nitroaniline	0.316	0.310	1.9	95	0.00
52	C	Acenaphthene	1.307	1.340	-2.5	94	0.00
53		2,4-Dinitrophenol	0.163	0.122	25.2#	89	0.00
54	S	4-Nitrophenol-d4	0.282	0.270	4.3	95	0.00
55		4-Nitrophenol	0.216	0.208	3.7	94	0.00
56		Dibenzofuran	1.800	1.856	-3.1	96	0.00
57		2,4-Dinitrotoluene	0.395	0.401	-1.5	94	0.00
58		2,3,4,6-Tetrachlorophenol	0.332	0.337	-1.5	95	0.00
59		Diethylphthalate	1.438	1.468	-2.1	95	0.00
60	S	Fluorene-d10	1.233	1.273	-3.2	97	0.00
61		Fluorene	1.454	1.508	-3.7	97	0.00
62		4-Chlorophenyl-phenylether	0.702	0.722	-2.8	95	0.00
63		4-Nitroaniline	0.304	0.324	-6.6	97	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65	S	4,6-Dinitro-2-methylphenol-	0.125	0.102	18.4	89	0.00
66		4,6-Dinitro-2-methylphenol	0.135	0.114	15.6	88	0.00
67		N-Nitrosodiphenylamine	0.667	0.695	-4.2	97	0.00
68		4-Bromophenyl-phenylether	0.237	0.244	-3.0	100	0.00
69		Hexachlorobenzene	0.294	0.306	-4.1	100	0.00
70		Atrazine	0.228	0.222	2.6	95	0.00
71	C	Pentachlorophenol	0.182	0.164	9.9	95	0.00
72		Phenanthrene	1.207	1.232	-2.1	97	0.00
73	S	Anthracene-d10	1.002	1.018	-1.6	95	0.00
74		Anthracene	1.219	1.250	-2.5	96	0.00
75		1,2,3,4-Tetrachlorobenzene	0.327	0.333	-1.8	97	0.00
76		Pentachlorobenzene	0.343	0.336	2.0	94	0.00
77		Carbazole	1.079	1.092	-1.2	96	0.00
78		Di-n-butylphthalate	1.271	1.305	-2.7	96	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	96	0.00
80		Fluoranthene	1.314	1.330	-1.2	97	0.00
81	S	Pyrene-d10	1.076	1.111	-3.3	98	0.00
82		Pyrene	1.380	1.436	-4.1	97	0.00
83		Butylbenzylphthalate	0.533	0.537	-0.8	96	0.00
84		3,3'-Dichlorobenzidine	0.354	0.398	-12.4	98	0.00
85		Benzo(a)anthracene	1.325	1.369	-3.3	100	0.00
86		Bis(2-ethylhexyl)phthalate	0.804	0.822	-2.2	97	0.00
87		Chrysene	1.256	1.258	-0.2	96	0.00
88	I	Perylene-d12	1.000	1.000	0.0	98	0.00
89		Di-n-octyl phthalate	1.373	1.215	11.5	96	0.00
90		Benzo(b)fluoranthene	1.283	1.302	-1.5	97	0.00
91		Benzo(k)fluoranthene	1.306	1.307	-0.1	95	0.00
92	S	Benzo(a)pyrene-d12	1.056	1.059	-0.3	95	0.00
93	C	Benzo(a)pyrene	1.194	1.226	-2.7	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.534	1.546	-0.8	97	0.00
95	Dibenzo(a,h)anthracene	1.261	1.321	-4.8	100	0.00
96	Benzo(g,h,i)perylene	1.225	1.270	-3.7	100	0.02

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