Evaluate Continuing Calibration Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080625\
Data File : BN037575.D
Acq On : 06 Aug 2025 17:11
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Quant Time: Aug 06 17:45:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN071825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 18 16:22:45 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	0.00
2		1,4-Dioxane	0.469	0.447	4.7	68	0.00
3	S	1,4-Dioxane-d8	0.422	0.430	-1.9	73	0.00
4	S	Pyridine-d5	1.217	1.201	1.3	71	0.00
5		Pyridine	1.251	1.257	-0.5	71	0.00
6		Benzaldehyde	0.686	0.915	-33.4#	73	0.00
7	S	Phenol-d5	1.474	1.415	4.0	70	0.00
8		Phenol	1.515	1.478	2.4	71	0.00
9	S	Bis-(2-Chloroethyl)ether-d8	0.892	0.894	-0.2	73	0.00
10		Bis(2-Chloroethyl)ether	1.231	1.227	0.3	71	0.00
11	S	2-Chlorophenol-d4	1.255	1.247	0.6	72	0.00
12		2-Chlorophenol	1.279	1.319	-3.1	75	-0.01
13		2-Methylphenol	1.145	1.115	2.6	71	0.00
14		2,2'-oxybis(1-Chloropropane	1.781	1.884	-5.8	76	0.00
15	S	4-Methylphenol-d8	1.212	1.151	5.0	68	0.00
16		Acetophenone	1.896	2.054	-8.3	76	0.00
17	P	N-Nitroso-di-n-propylamine	0.881	0.927	-5.2	73	-0.01
18		4-Methylphenol	1.237	1.243	-0.5	72	-0.01
19		Hexachloroethane	0.548	0.626	-14.2	82	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	74	0.00
21	S	Nitrobenzene-d5	0.150	0.148	1.3	71	0.00
22		Nitrobenzene	0.342	0.355	-3.8	77	0.00
23		Isophorone	0.625	0.624	0.2	72	0.00
24	S	2-Nitrophenol-d4	0.138	0.123	10.9	66	0.00
25	C	2-Nitrophenol	0.158	0.152	3.8	70	0.00
26		2,4-Dimethylphenol	0.333	0.349	-4.8	75	-0.01
27		Bis(2-Chloroethoxy)methane	0.406	0.398	2.0	71	0.00
28	S	2,4-Dichlorophenol-d3	0.288	0.289	-0.3	72	0.00
29	C	2,4-Dichlorophenol	0.290	0.291	-0.3	73	0.00
30		Naphthalene	1.064	1.077	-1.2	75	-0.01
31	S	4-Chloroaniline-d4	0.428	0.427	0.2	73	0.00
32		4-Chloroaniline	0.429	0.430	-0.2	72	0.00
33	C	Hexachlorobutadiene	0.200	0.224	-12.0	86	0.00
34		Caprolactam	0.092	0.082	10.9	65	-0.01
35	C	4-Chloro-3-methylphenol	0.299	0.311	-4.0	72	0.00
36		2-Methylnaphthalene	0.726	0.741	-2.1	73	0.00
37		1-Methylnaphthalene	0.713	0.734	-2.9	73	0.00
38	I	Acenaphthene-d10	1.000	1.000	0.0	76	0.00
39		1,2,4,5-Tetrachlorobenzene	0.597	0.598	-0.2	78	0.00
40		Hexachlorocyclopentadiene	0.380	0.375	1.3	83	0.00
41	C	2,4,6-Trichlorophenol	0.352	0.336	4.5	71	0.00
42		2,4,5-Trichlorophenol	0.400	0.386	3.5	73	-0.01
43		1,1'-Biphenyl	1.505	1.501	0.3	76	-0.01
44		2-Chloronaphthalene	1.167	1.137	2.6	74	0.00
45		2-Nitroaniline	0.279	0.282	-1.1	74	0.00
46	S	Dimethylphthalate-d6	1.420	1.431	-0.8	75	0.00
47		Dimethylphthalate	1.399	1.436	-2.6	76	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2,6-Dinitrotoluene	0.266	0.259	2.6	71	0.00
49	S	Acenaphthylene-d8	1.666	1.646	1.2	74	0.00
50		Acenaphthylene	1.905	1.914	-0.5	75	0.00
51		3-Nitroaniline	0.263	0.264	-0.4	70	0.00
52	C	Acenaphthene	1.237	1.270	-2.7	78	-0.01
53		2,4-Dinitrophenol	0.139	0.105	24.5	71	0.00
54	S	4-Nitrophenol-d4	0.270	0.254	5.9	72	-0.01
55		4-Nitrophenol	0.193	0.219	-13.5	85	0.00
56		Dibenzofuran	1.715	1.807	-5.4	78	0.00
57		2,4-Dinitrotoluene	0.389	0.406	-4.4	74	-0.01
58		2,3,4,6-Tetrachlorophenol	0.313	0.317	-1.3	74	0.00
59		Diethylphthalate	1.406	1.533	-9.0	80	-0.01
60	S	Fluorene-d10	1.226	1.277	-4.2	78	-0.01
61		Fluorene	1.401	1.485	-6.0	78	0.00
62		4-Chlorophenyl-phenylether	0.685	0.754	-10.1	81	0.00
63		4-Nitroaniline	0.250	0.287	-14.8	74	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	77	-0.01
65	S	4,6-Dinitro-2-methylphenol-	0.111	0.084	24.3	70	-0.01
66		4,6-Dinitro-2-methylphenol	0.119	0.097	18.5	71	0.00
67		N-Nitrosodiphenylamine	0.622	0.633	-1.8	79	0.00
68		4-Bromophenyl-phenylether	0.221	0.219	0.9	78	-0.01
69		Hexachlorobenzene	0.262	0.260	0.8	78	0.00
70		Atrazine	0.224	0.222	0.9	78	0.00
71	C	Pentachlorophenol	0.162	0.140	13.6	74	0.00
72		Phenanthrene	1.135	1.159	-2.1	78	0.00
73	S	Anthracene-d10	0.984	1.000	-1.6	77	0.00
74		Anthracene	1.153	1.195	-3.6	79	0.00
75		1,2,3,4-Tetrachlorobenzene	0.320	0.301	5.9	76	0.00
76		Pentachlorobenzene	0.313	0.302	3.5	77	0.00
77		Carbazole	1.019	1.019	0.0	76	0.00
78		Di-n-butylphthalate	1.227	1.329	-8.3	82	0.00
79	I	Chrysene-d12	1.000	1.000	0.0	78	0.00
80		Fluoranthene	1.247	1.201	3.7	77	-0.01
81	S	Pyrene-d10	1.051	1.014	3.5	77	0.00
82		Pyrene	1.302	1.290	0.9	80	0.00
83		Butylbenzylphthalate	0.452	0.451	0.2	81	0.00
84		3,3'-Dichlorobenzidine	0.381	0.350	8.1	73	-0.01
85		Benzo(a)anthracene	1.300	1.327	-2.1	82	-0.01
86		Bis(2-ethylhexyl)phthalate	0.750	0.779	-3.9	84	-0.01
87		Chrysene	1.234	1.274	-3.2	82	-0.01
88	I	Perylene-d12	1.000	1.000	0.0	78	-0.02
89		Di-n-octyl phthalate	1.232	1.148	6.8	80	-0.02
90		Benzo(b)fluoranthene	1.175	1.240	-5.5	80	-0.01
91		Benzo(k)fluoranthene	1.220	1.254	-2.8	80	-0.02
92	S	Benzo(a)pyrene-d12	1.009	1.005	0.4	76	-0.02
93	C	Benzo(a)pyrene	1.128	1.165	-3.3	78	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
94	Indeno(1,2,3-cd)pyrene	1.431	1.440	-0.6	77	-0.02
95	Dibenzo(a,h)anthracene	1.194	1.195	-0.1	76	-0.04
96	Benzo(g,h,i)perylene	1.158	1.175	-1.5	76	-0.03

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