

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142527.D
 Acq On : 23 May 2025 11:12
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 23 11:43:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	105	0.00
2	1,4-Dioxane	40.000	39.667	0.8	108	0.00
3	Pyridine	40.000	39.780	0.5	108	0.00
4	n-Nitrosodimethylamine	40.000	39.801	0.5	106	-0.02
5 S	2-Fluorophenol	80.000	77.633	3.0	107	0.00
6	Aniline	40.000	39.648	0.9	108	0.00
7 S	Phenol-d6	80.000	77.953	2.6	107	-0.01
8	2-Chlorophenol	40.000	38.622	3.4	104	0.00
9	Benzaldehyde	40.000	38.934	2.7	107	0.00
10 C	Phenol	40.000	39.383	1.5	108	-0.02
11	bis(2-Chloroethyl)ether	40.000	38.427	3.9	105	0.00
12	1,3-Dichlorobenzene	40.000	38.246	4.4	104	0.00
13 C	1,4-Dichlorobenzene	40.000	38.202	4.5	103	0.00
14	1,2-Dichlorobenzene	40.000	38.731	3.2	106	0.00
15	Benzyl Alcohol	40.000	38.929	2.7	105	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	39.117	2.2	107	0.00
17	2-Methylphenol	40.000	39.440	1.4	107	0.00
18	Hexachloroethane	40.000	37.679	5.8	102	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	38.321	4.2	105	-0.02
20	3+4-Methylphenols	40.000	39.095	2.3	106	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	107	0.00
22	Acetophenone	40.000	38.549	3.6	106	0.00
23 S	Nitrobenzene-d5	80.000	76.368	4.5	105	-0.01
24	Nitrobenzene	40.000	38.434	3.9	105	-0.01
25	Isophorone	40.000	37.802	5.5	104	-0.01
26 C	2-Nitrophenol	40.000	38.193	4.5	103	0.00
27	2,4-Dimethylphenol	40.000	38.995	2.5	107	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.105	4.7	107	-0.01
29 C	2,4-Dichlorophenol	40.000	38.436	3.9	105	0.00
30	1,2,4-Trichlorobenzene	40.000	38.056	4.9	106	0.00
31	Naphthalene	40.000	38.042	4.9	106	0.00
32	Benzoic acid	40.000	39.609	1.0	106	-0.04
33	4-Chloroaniline	40.000	39.050	2.4	107	0.00
34 C	Hexachlorobutadiene	40.000	37.164	7.1	102	0.00
35	Caprolactam	40.000	42.191	-5.5	114	-0.02
36 C	4-Chloro-3-methylphenol	40.000	38.708	3.2	106	-0.01
37	2-Methylnaphthalene	40.000	37.805	5.5	106	0.00
38	1-Methylnaphthalene	40.000	37.919	5.2	105	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	106	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.327	4.2	106	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.577	3.6	101	0.00
42 S	2,4,6-Tribromophenol	80.000	77.907	2.6	109	-0.01
43 C	2,4,6-Trichlorophenol	40.000	39.277	1.8	109	0.00
44	2,4,5-Trichlorophenol	40.000	38.091	4.8	105	0.00
45 S	2-Fluorobiphenyl	80.000	74.397	7.0	106	-0.01
46	1,1'-Biphenyl	40.000	38.074	4.8	106	0.00
47	2-Chloronaphthalene	40.000	38.144	4.6	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	39.360	1.6	107	0.00
49	Acenaphthylene	40.000	38.160	4.6	106	0.00
50	Dimethylphthalate	40.000	38.495	3.8	108	-0.01
51	2,6-Dinitrotoluene	40.000	38.592	3.5	104	0.00
52 C	Acenaphthene	40.000	38.023	4.9	107	0.00
53	3-Nitroaniline	40.000	40.433	-1.1	112	0.00
54 P	2,4-Dinitrophenol	40.000	40.569	-1.4	107	-0.01
55	Dibenzofuran	40.000	38.212	4.5	108	0.00
56 P	4-Nitrophenol	40.000	41.597	-4.0	112	-0.01
57	2,4-Dinitrotoluene	40.000	40.408	-1.0	110	-0.01
58	Fluorene	40.000	38.447	3.9	109	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	39.616	1.0	108	0.00
60	Diethylphthalate	40.000	38.746	3.1	108	-0.01
61	4-Chlorophenyl-phenylether	40.000	38.390	4.0	108	0.00
62	4-Nitroaniline	40.000	42.537	-6.3	115	-0.01
63	Azobenzene	40.000	38.815	3.0	108	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	112	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.189	-3.0	111	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.986	7.5	109	0.00
67	4-Bromophenyl-phenylether	40.000	36.190	9.5	108	0.00
68	Hexachlorobenzene	40.000	37.056	7.4	108	0.00
69	Atrazine	40.000	40.281	-0.7	115	0.00
70 C	Pentachlorophenol	40.000	40.637	-1.6	114	0.00
71	Phenanthrene	40.000	37.654	5.9	111	0.00
72	Anthracene	40.000	37.986	5.0	112	0.00
73	Carbazole	40.000	39.485	1.3	116	0.00
74	Di-n-butylphthalate	40.000	40.854	-2.1	119	0.00
75 C	Fluoranthene	40.000	39.245	1.9	117	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	122	0.00
77	Benzydine	40.000	46.730	-16.8	133	0.00
78	Pyrene	40.000	38.644	3.4	118	0.00
79 S	Terphenyl-d14	80.000	76.358	4.6	119	0.00
80	Butylbenzylphthalate	40.000	42.921	-7.3	128	0.00
81	Benzo(a)anthracene	40.000	39.657	0.9	126	0.00
82	3,3'-Dichlorobenzidine	40.000	40.752	-1.9	124	0.00
83	Chrysene	40.000	37.811	5.5	121	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.044	-2.6	122	0.00
85 c	Di-n-octyl phthalate	40.000	34.650	13.4	107	0.00
86 I	Perylene-d12	20.000	20.000	0.0	111	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	36.589	8.5	105	-0.02
88	Benzo(b)fluoranthene	40.000	39.566	1.1	116	0.00
89	Benzo(k)fluoranthene	40.000	35.453	11.4	105	-0.01
90 C	Benzo(a)pyrene	40.000	38.175	4.6	109	-0.01
91	Dibenzo(a,h)anthracene	40.000	36.526	8.7	104	-0.02
92	Benzo(g,h,i)perylene	40.000	37.002	7.5	106	-0.02

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