

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142384.D
 Acq On : 15 May 2025 10:08
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: May 15 10:43:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 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	78	0.00
2	1,4-Dioxane	40.000	37.436	6.4	76	0.00
3	Pyridine	40.000	40.797	-2.0	84	0.00
4	n-Nitrosodimethylamine	40.000	37.667	5.8	76	0.00
5 S	2-Fluorophenol	80.000	80.905	-1.1	82	0.00
6	Aniline	40.000	53.049	-32.6#	99	0.00
7 S	Phenol-d6	80.000	80.654	-0.8	82	0.00
8	2-Chlorophenol	40.000	42.847	-7.1	85	0.00
9	Benzaldehyde	40.000	37.477	6.3	84	0.00
10 C	Phenol	40.000	44.171	-10.4	89	0.00
11	bis(2-Chloroethyl)ether	40.000	32.018	20.0	69	0.00
12	1,3-Dichlorobenzene	40.000	39.828	0.4	82	0.00
13 C	1,4-Dichlorobenzene	40.000	39.812	0.5	82	0.00
14	1,2-Dichlorobenzene	40.000	39.725	0.7	81	0.00
15	Benzyl Alcohol	40.000	44.898	-12.2	88	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	37.159	7.1	76	0.00
17	2-Methylphenol	40.000	40.240	-0.6	82	0.00
18	Hexachloroethane	40.000	41.602	-4.0	84	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.827	0.4	80	0.00
20	3+4-Methylphenols	40.000	40.498	-1.2	82	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	77	0.00
22	Acetophenone	40.000	38.876	2.8	80	0.00
23 S	Nitrobenzene-d5	80.000	88.437	-10.5	86	0.00
24	Nitrobenzene	40.000	42.519	-6.3	83	0.00
25	Isophorone	40.000	39.386	1.5	81	0.00
26 C	2-Nitrophenol	40.000	48.180	-20.4#	105	0.00
27	2,4-Dimethylphenol	40.000	40.579	-1.4	82	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.765	5.6	78	0.00
29 C	2,4-Dichlorophenol	40.000	42.484	-6.2	83	0.00
30	1,2,4-Trichlorobenzene	40.000	40.845	-2.1	84	0.00
31	Naphthalene	40.000	39.273	1.8	81	0.00
32	Benzoic acid	40.000	48.080	-20.2	111	0.00
33	4-Chloroaniline	40.000	39.930	0.2	80	-0.01
34 C	Hexachlorobutadiene	40.000	40.762	-1.9	83	0.00
35	Caprolactam	40.000	43.955	-9.9	83	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.207	-8.0	87	0.00
37	2-Methylnaphthalene	40.000	39.695	0.8	81	0.00
38	1-Methylnaphthalene	40.000	39.461	1.3	81	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	78	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.244	-0.6	85	0.00
41 P	Hexachlorocyclopentadiene	40.000	45.288	-13.2	88	0.00
42 S	2,4,6-Tribromophenol	80.000	94.468	-18.1	93	0.00
43 C	2,4,6-Trichlorophenol	40.000	44.660	-11.6	87	0.00
44	2,4,5-Trichlorophenol	40.000	43.069	-7.7	86	0.00
45 S	2-Fluorobiphenyl	80.000	76.057	4.9	81	0.00
46	1,1'-Biphenyl	40.000	39.019	2.5	82	0.00
47	2-Chloronaphthalene	40.000	39.480	1.3	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	46.970	-17.4	89	0.00
49	Acenaphthylene	40.000	39.556	1.1	82	0.00
50	Dimethylphthalate	40.000	40.641	-1.6	84	0.00
51	2,6-Dinitrotoluene	40.000	47.782	-19.5	91	0.00
52 C	Acenaphthene	40.000	40.709	-1.8	85	0.00
53	3-Nitroaniline	40.000	46.586	-16.5	89	0.00
54 P	2,4-Dinitrophenol	40.000	52.287	-30.7#	124	0.00
55	Dibenzofuran	40.000	39.460	1.3	83	0.00
56 P	4-Nitrophenol	40.000	50.863	-27.2#	98	0.00
57	2,4-Dinitrotoluene	40.000	50.147	-25.4#	94	0.00
58	Fluorene	40.000	38.957	2.6	82	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	45.231	-13.1	89	0.00
60	Diethylphthalate	40.000	39.551	1.1	82	0.00
61	4-Chlorophenyl-phenylether	40.000	40.251	-0.6	84	0.00
62	4-Nitroaniline	40.000	48.448	-21.1	94	0.00
63	Azobenzene	40.000	38.382	4.0	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	80	0.00
65	4,6-Dinitro-2-methylphenol	40.000	50.061	-25.2#	116	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.193	2.0	83	0.00
67	4-Bromophenyl-phenylether	40.000	40.333	-0.8	85	0.00
68	Hexachlorobenzene	40.000	40.540	-1.3	85	0.00
69	Atrazine	40.000	41.159	-2.9	83	0.00
70 C	Pentachlorophenol	40.000	49.158	-22.9#	93	0.00
71	Phenanthrene	40.000	38.567	3.6	82	0.00
72	Anthracene	40.000	38.868	2.8	82	0.00
73	Carbazole	40.000	38.029	4.9	80	0.00
74	Di-n-butylphthalate	40.000	39.441	1.4	79	0.00
75 C	Fluoranthene	40.000	36.881	7.8	79	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	69	0.00
77	Benzydine	40.000	60.569	-51.4#	106	0.00
78	Pyrene	40.000	42.472	-6.2	76	0.00
79 S	Terphenyl-d14	80.000	82.657	-3.3	76	0.00
80	Butylbenzylphthalate	40.000	43.080	-7.7	81	0.00
81	Benzo(a)anthracene	40.000	39.532	1.2	71	0.00
82	3,3'-Dichlorobenzidine	40.000	53.961	-34.9#	94	0.00
83	Chrysene	40.000	38.699	3.3	73	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	45.102	-12.8	87	0.00
85 c	Di-n-octyl phthalate	40.000	46.831	-17.1	95	0.00
86 I	Perylene-d12	20.000	20.000	0.0	78	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.956	-4.9	83	0.00
88	Benzo(b)fluoranthene	40.000	38.990	2.5	80	0.00
89	Benzo(k)fluoranthene	40.000	38.028	4.9	79	0.00
90 C	Benzo(a)pyrene	40.000	40.961	-2.4	82	0.00
91	Dibenzo(a,h)anthracene	40.000	41.131	-2.8	82	0.00
92	Benzo(g,h,i)perylene	40.000	40.669	-1.7	81	0.00

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(#) = Out of Range

SPCC's out = 0 CCC's out = 2