

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121225\
 Data File : BG064947.D
 Acq On : 12 Dec 2025 11:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Dec 12 12:20:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 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	126	-0.01
2	1,4-Dioxane	40.000	33.586	16.0	100	0.00
3	Pyridine	40.000	33.053	17.4	101	0.00
4	n-Nitrosodimethylamine	40.000	37.615	6.0	116	0.00
5 S	2-Fluorophenol	80.000	78.162	2.3	120	0.00
6	Aniline	40.000	34.869	12.8	106	-0.01
7 S	Phenol-d6	80.000	72.863	8.9	111	0.00
8	2-Chlorophenol	40.000	41.089	-2.7	125	-0.01
9	Benzaldehyde	40.000	32.331	19.2	99	-0.01
10 C	Phenol	40.000	35.345	11.6	108	-0.01
11	bis(2-Chloroethyl)ether	40.000	35.172	12.1	106	-0.01
12	1,3-Dichlorobenzene	40.000	41.914	-4.8	128	-0.01
13 C	1,4-Dichlorobenzene	40.000	41.756	-4.4	129	-0.01
14	1,2-Dichlorobenzene	40.000	40.865	-2.2	125	-0.01
15	Benzyl Alcohol	40.000	38.238	4.4	115	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	30.487	23.8	95	-0.02
17	2-Methylphenol	40.000	37.163	7.1	113	0.00
18	Hexachloroethane	40.000	40.870	-2.2	127	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	34.816	13.0	103	-0.01
20	3+4-Methylphenols	40.000	35.880	10.3	110	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	112	-0.02
22	Acetophenone	40.000	41.127	-2.8	112	-0.02
23 S	Nitrobenzene-d5	80.000	80.846	-1.1	110	-0.01
24	Nitrobenzene	40.000	39.665	0.8	109	-0.01
25	Isophorone	40.000	36.997	7.5	104	-0.01
26 C	2-Nitrophenol	40.000	46.851	-17.1	125	-0.01
27	2,4-Dimethylphenol	40.000	41.095	-2.7	113	0.00
28	bis(2-Chloroethoxy)methane	40.000	37.124	7.2	103	-0.02
29 C	2,4-Dichlorophenol	40.000	46.099	-15.2	124	-0.01
30	1,2,4-Trichlorobenzene	40.000	47.716	-19.3	133	-0.02
31	Naphthalene	40.000	41.344	-3.4	115	-0.01
32	Benzoic acid	40.000	39.986	0.0	123	0.03
33	4-Chloroaniline	40.000	38.909	2.7	105	-0.01
34 C	Hexachlorobutadiene	40.000	51.690	-29.2#	143	-0.01
35	Caprolactam	40.000	35.419	11.5	101	0.00
36 C	4-Chloro-3-methylphenol	40.000	38.007	5.0	106	0.00
37	2-Methylnaphthalene	40.000	41.311	-3.3	116	-0.01
38	1-Methylnaphthalene	40.000	40.224	-0.6	114	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	110	-0.01
40	1,2,4,5-Tetrachlorobenzene	40.000	48.324	-20.8	133	-0.01
41 P	Hexachlorocyclopentadiene	40.000	49.434	-23.6	136	-0.01
42 S	2,4,6-Tribromophenol	80.000	99.207	-24.0	138	0.00
43 C	2,4,6-Trichlorophenol	40.000	46.763	-16.9	126	-0.01
44	2,4,5-Trichlorophenol	40.000	46.798	-17.0	127	0.00
45 S	2-Fluorobiphenyl	80.000	88.093	-10.1	122	-0.01
46	1,1'-Biphenyl	40.000	40.988	-2.5	114	-0.01
47	2-Chloronaphthalene	40.000	42.118	-5.3	117	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	38.144	4.6	103	0.00
49	Acenaphthylene	40.000	40.511	-1.3	112	-0.01
50	Dimethylphthalate	40.000	40.921	-2.3	115	0.00
51	2,6-Dinitrotoluene	40.000	43.009	-7.5	118	0.00
52 C	Acenaphthene	40.000	42.157	-5.4	115	-0.01
53	3-Nitroaniline	40.000	37.630	5.9	102	0.00
54 P	2,4-Dinitrophenol	40.000	43.483	-8.7	133	-0.01
55	Dibenzofuran	40.000	40.877	-2.2	116	-0.01
56 P	4-Nitrophenol	40.000	37.336	6.7	101	0.00
57	2,4-Dinitrotoluene	40.000	42.294	-5.7	115	0.00
58	Fluorene	40.000	39.707	0.7	112	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	47.636	-19.1	132	0.00
60	Diethylphthalate	40.000	40.357	-0.9	113	-0.01
61	4-Chlorophenyl-phenylether	40.000	44.685	-11.7	126	-0.01
62	4-Nitroaniline	40.000	38.147	4.6	102	0.00
63	Azobenzene	40.000	35.043	12.4	98	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65	4,6-Dinitro-2-methylphenol	40.000	50.433	-26.1#	126	0.00
66 c	n-Nitrosodiphenylamine	40.000	43.088	-7.7	110	0.00
67	4-Bromophenyl-phenylether	40.000	49.678	-24.2	127	0.00
68	Hexachlorobenzene	40.000	48.713	-21.8	127	0.00
69	Atrazine	40.000	41.489	-3.7	109	-0.01
70 C	Pentachlorophenol	40.000	50.552	-26.4#	148	-0.01
71	Phenanthrene	40.000	40.910	-2.3	107	-0.01
72	Anthracene	40.000	41.176	-2.9	108	0.00
73	Carbazole	40.000	38.026	4.9	99	0.00
74	Di-n-butylphthalate	40.000	39.508	1.2	103	-0.01
75 C	Fluoranthene	40.000	39.788	0.5	105	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	97	0.00
77	Benzidine	40.000	29.308	26.7#	76	0.00
78	Pyrene	40.000	41.996	-5.0	103	0.00
79 S	Terphenyl-d14	80.000	89.542	-11.9	109	-0.01
80	Butylbenzylphthalate	40.000	38.305	4.2	94	-0.01
81	Benzo(a)anthracene	40.000	40.850	-2.1	98	-0.01
82	3,3'-Dichlorobenzidine	40.000	41.316	-3.3	97	0.00
83	Chrysene	40.000	40.700	-1.8	97	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.517	3.7	93	-0.02
85 c	Di-n-octyl phthalate	40.000	36.534	8.7	85	-0.03
86 I	Perylene-d12	20.000	20.000	0.0	94	-0.03
87	Indeno(1,2,3-cd)pyrene	40.000	45.894	-14.7	106	-0.03
88	Benzo(b)fluoranthene	40.000	40.595	-1.5	94	-0.02
89	Benzo(k)fluoranthene	40.000	41.027	-2.6	99	-0.01
90 C	Benzo(a)pyrene	40.000	40.933	-2.3	96	-0.01
91	Dibenzo(a,h)anthracene	40.000	45.806	-14.5	105	-0.03
92	Benzo(g,h,i)perylene	40.000	46.607	-16.5	108	-0.03

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(#) = Out of Range

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