

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064418.D
 Acq On : 22 Sep 2025 16:57
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Sep 22 18:23:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 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	70	-0.02
2	1,4-Dioxane	40.000	39.300	1.8	83	-0.01
3	Pyridine	40.000	39.670	0.8	71	-0.02
4	n-Nitrosodimethylamine	40.000	48.959	-22.4	85	-0.01
5 S	2-Fluorophenol	80.000	97.252	-21.6	86	-0.02
6	Aniline	40.000	42.320	-5.8	74	-0.02
7 S	Phenol-d6	80.000	88.161	-10.2	78	-0.02
8	2-Chlorophenol	40.000	46.601	-16.5	79	-0.02
9	Benzaldehyde	40.000	36.188	9.5	58	0.00
10 C	Phenol	40.000	43.388	-8.5	77	-0.01
11	bis(2-Chloroethyl)ether	40.000	40.994	-2.5	71	-0.02
12	1,3-Dichlorobenzene	40.000	48.337	-20.8	84	-0.02
13 C	1,4-Dichlorobenzene	40.000	49.149	-22.9#	86	-0.02
14	1,2-Dichlorobenzene	40.000	48.615	-21.5	86	-0.02
15	Benzyl Alcohol	40.000	45.501	-13.8	79	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	27.650	30.9#	49	-0.02
17	2-Methylphenol	40.000	37.838	5.4	66	-0.02
18	Hexachloroethane	40.000	44.087	-10.2	76	-0.02
19 P	n-Nitroso-di-n-propylamine	40.000	35.707	10.7	61	-0.02
20	3+4-Methylphenols	40.000	35.740	10.6	65	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	59	-0.02
22	Acetophenone	40.000	44.644	-11.6	67	-0.02
23 S	Nitrobenzene-d5	80.000	96.978	-21.2	70	-0.02
24	Nitrobenzene	40.000	45.545	-13.9	65	-0.02
25	Isophorone	40.000	41.406	-3.5	61	-0.03
26 C	2-Nitrophenol	40.000	50.835	-27.1#	71	-0.02
27	2,4-Dimethylphenol	40.000	45.494	-13.7	65	-0.02
28	bis(2-Chloroethoxy)methane	40.000	39.382	1.5	57	-0.02
29 C	2,4-Dichlorophenol	40.000	48.590	-21.5#	70	-0.02
30	1,2,4-Trichlorobenzene	40.000	49.565	-23.9	73	-0.02
31	Naphthalene	40.000	45.864	-14.7	68	-0.02
32	Benzoic acid	40.000	43.870	-9.7	61	-0.06
33	4-Chloroaniline	40.000	44.285	-10.7	63	-0.02
34 C	Hexachlorobutadiene	40.000	57.060	-42.7#	83	-0.02
35	Caprolactam	40.000	43.024	-7.6	60	-0.05
36 C	4-Chloro-3-methylphenol	40.000	44.983	-12.5	66	-0.02
37	2-Methylnaphthalene	40.000	45.278	-13.2	66	-0.02
38	1-Methylnaphthalene	40.000	45.985	-15.0	67	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	58	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	52.403	-31.0#	76	-0.02
41 P	Hexachlorocyclopentadiene	40.000	58.048	-45.1#	84	-0.02
42 S	2,4,6-Tribromophenol	80.000	118.827	-48.5#	83	-0.02
43 C	2,4,6-Trichlorophenol	40.000	49.139	-22.8#	70	-0.01
44	2,4,5-Trichlorophenol	40.000	50.368	-25.9#	71	-0.02
45 S	2-Fluorobiphenyl	80.000	95.747	-19.7	69	-0.02
46	1,1'-Biphenyl	40.000	46.744	-16.9	66	-0.02
47	2-Chloronaphthalene	40.000	45.692	-14.2	65	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	46.991	-17.5	62	-0.02
49	Acenaphthylene	40.000	46.539	-16.3	65	-0.02
50	Dimethylphthalate	40.000	46.679	-16.7	66	-0.02
51	2,6-Dinitrotoluene	40.000	48.628	-21.6	64	-0.02
52 C	Acenaphthene	40.000	45.165	-12.9	64	-0.02
53	3-Nitroaniline	40.000	48.751	-21.9	66	-0.01
54 P	2,4-Dinitrophenol	40.000	52.974	-32.4#	80	0.00
55	Dibenzofuran	40.000	47.239	-18.1	67	-0.02
56 P	4-Nitrophenol	40.000	48.684	-21.7	62	-0.01
57	2,4-Dinitrotoluene	40.000	52.576	-31.4#	70	-0.02
58	Fluorene	40.000	48.344	-20.9	68	-0.02
59	2,3,4,6-Tetrachlorophenol	40.000	52.258	-30.6#	73	-0.02
60	Diethylphthalate	40.000	47.134	-17.8	66	-0.02
61	4-Chlorophenyl-phenylether	40.000	49.946	-24.9	71	-0.02
62	4-Nitroaniline	40.000	52.034	-30.1#	68	-0.02
63	Azobenzene	40.000	43.292	-8.2	61	-0.02
64 I	Phenanthrene-d10	20.000	20.000	0.0	59	-0.02
65	4,6-Dinitro-2-methylphenol	40.000	54.650	-36.6#	78	-0.01
66 c	n-Nitrosodiphenylamine	40.000	45.010	-12.5	65	-0.02
67	4-Bromophenyl-phenylether	40.000	49.916	-24.8	72	-0.02
68	Hexachlorobenzene	40.000	50.469	-26.2#	77	-0.02
69	Atrazine	40.000	51.094	-27.7#	72	-0.02
70 C	Pentachlorophenol	40.000	55.503	-38.8#	77	-0.02
71	Phenanthrene	40.000	46.198	-15.5	66	-0.02
72	Anthracene	40.000	46.253	-15.6	66	-0.02
73	Carbazole	40.000	47.551	-18.9	66	-0.02
74	Di-n-butylphthalate	40.000	49.342	-23.4	68	-0.02
75 C	Fluoranthene	40.000	50.080	-25.2#	70	-0.02
76 I	Chrysene-d12	20.000	20.000	0.0	62	-0.02
77	Benzydine	40.000	44.417	-11.0	65	-0.02
78	Pyrene	40.000	46.242	-15.6	69	-0.02
79 S	Terphenyl-d14	80.000	100.756	-25.9#	76	-0.02
80	Butylbenzylphthalate	40.000	48.551	-21.4	72	-0.02
81	Benzo(a)anthracene	40.000	47.405	-18.5	72	-0.02
82	3,3'-Dichlorobenzidine	40.000	50.806	-27.0#	76	-0.02
83	Chrysene	40.000	46.915	-17.3	71	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	46.142	-15.4	69	-0.02
85 c	Di-n-octyl phthalate	40.000	44.898	-12.2	68	-0.03
86 I	Perylene-d12	20.000	20.000	0.0	63	-0.03
87	Indeno(1,2,3-cd)pyrene	40.000	47.673	-19.2	74	-0.05
88	Benzo(b)fluoranthene	40.000	48.238	-20.6	73	-0.02
89	Benzo(k)fluoranthene	40.000	45.803	-14.5	73	-0.03
90 C	Benzo(a)pyrene	40.000	47.449	-18.6	73	-0.03
91	Dibenzo(a,h)anthracene	40.000	48.083	-20.2	74	-0.04
92	Benzo(g,h,i)perylene	40.000	47.477	-18.7	74	-0.06

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(#) = Out of Range SPCC's out = 0 CCC's out = 7