

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090525\  
 Data File : BG064288.D  
 Acq On : 5 Sep 2025 11:41  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 05 12:17:12 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   | 87    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.228 | 6.9   | 98    | 0.00     |
| 3    | Pyridine                    | 40.000 | 38.369 | 4.1   | 86    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.929 | 0.2   | 86    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.264 | 2.2   | 86    | 0.00     |
| 6    | Aniline                     | 40.000 | 37.836 | 5.4   | 82    | -0.01    |
| 7 S  | Phenol-d6                   | 80.000 | 80.878 | -1.1  | 89    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.551 | 1.1   | 83    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.757 | -1.9  | 82    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.476 | 1.3   | 87    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 36.340 | 9.1   | 79    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.941 | 2.6   | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.412 | -1.0  | 88    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.253 | -0.6  | 88    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.288 | 1.8   | 85    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 32.916 | 17.7  | 72    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 36.637 | 8.4   | 80    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.285 | 1.8   | 84    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.481 | 6.3   | 80    | -0.01    |
| 20   | 3+4-Methylphenols           | 40.000 | 37.304 | 6.7   | 84    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 81    | -0.01    |
| 22   | Acetophenone                | 40.000 | 40.615 | -1.5  | 83    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 85.565 | -7.0  | 85    | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 40.582 | -1.5  | 79    | -0.01    |
| 25   | Isophorone                  | 40.000 | 39.246 | 1.9   | 79    | -0.02    |
| 26 C | 2-Nitrophenol               | 40.000 | 43.201 | -8.0  | 83    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.653 | -4.1  | 81    | -0.01    |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.011 | 2.5   | 77    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.724 | -6.8  | 84    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.571 | -3.9  | 84    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.837 | 0.4   | 81    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 38.280 | 4.3   | 73    | -0.06    |
| 33   | 4-Chloroaniline             | 40.000 | 40.003 | -0.0  | 78    | -0.01    |
| 34 C | Hexachlorobutadiene         | 40.000 | 44.412 | -11.0 | 89    | -0.01    |
| 35   | Caprolactam                 | 40.000 | 41.802 | -4.5  | 80    | -0.03    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.575 | -3.9  | 83    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.846 | -2.1  | 81    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.249 | -0.6  | 80    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 85    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.727 | -1.8  | 86    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 46.823 | -17.1 | 100   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 90.241 | -12.8 | 92    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.758 | -4.4  | 87    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.894 | -4.7  | 86    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.747 | 0.3   | 84    | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.064 | 2.3   | 81    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.081 | 2.3   | 82    | 0.00     |

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 LabSampleId :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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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) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 43.121 | -7.8  | 84    | -0.01    |
| 49   | Acenaphthylene             | 40.000 | 39.182 | 2.0   | 81    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.778 | 3.1   | 80    | -0.01    |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.452 | -3.6  | 80    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.369 | 4.1   | 79    | -0.01    |
| 53   | 3-Nitroaniline             | 40.000 | 42.332 | -5.8  | 84    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 42.503 | -6.3  | 91    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.123 | 2.2   | 82    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.694 | 0.8   | 74    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.644 | -6.6  | 83    | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.068 | -0.2  | 82    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.084 | -7.7  | 88    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.495 | 1.3   | 81    | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 41.544 | -3.9  | 86    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 44.244 | -10.6 | 84    | -0.01    |
| 63   | Azobenzene                 | 40.000 | 38.459 | 3.9   | 79    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 84    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.888 | -9.7  | 90    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.944 | 2.6   | 80    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.844 | -4.6  | 87    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.018 | -2.5  | 90    | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.844 | -4.6  | 84    | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 44.248 | -10.6 | 87    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.177 | 2.1   | 80    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.284 | 1.8   | 80    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.552 | 1.1   | 78    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.463 | -1.2  | 80    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.860 | 0.4   | 80    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 82    | 0.00     |
| 77   | Benzydine                  | 40.000 | 40.488 | -1.2  | 78    | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.397 | 1.5   | 78    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 82.025 | -2.5  | 82    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.263 | -3.2  | 81    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.329 | 1.7   | 79    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.686 | -1.7  | 81    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.973 | 2.6   | 78    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.503 | 1.2   | 79    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.365 | 1.6   | 79    | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 82    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.228 | -0.6  | 81    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.534 | -1.3  | 80    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.039 | -0.1  | 83    | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.770 | -1.9  | 81    | -0.01    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.495 | -1.2  | 80    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.205 | -0.5  | 81    | -0.03    |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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