

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111925\  
 Data File : BG064811.D  
 Acq On : 19 Nov 2025 11:32  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 19 12:08:33 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  | 161   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.809 | 3.0  | 148   | 0.00     |
| 3    | Pyridine                    | 40.000 | 38.815 | 3.0  | 151   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 36.878 | 7.8  | 145   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.901 | 1.4  | 156   | 0.00     |
| 6    | Aniline                     | 40.000 | 41.784 | -4.5 | 162   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 81.868 | -2.3 | 159   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 42.953 | -7.4 | 167   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 39.944 | 0.1  | 156   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.530 | -3.8 | 162   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 42.974 | -7.4 | 165   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.197 | -0.5 | 157   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.600 | -1.5 | 161   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.669 | -1.7 | 159   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 41.830 | -4.6 | 161   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.061 | 2.3  | 155   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.905 | -2.3 | 159   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.233 | -0.6 | 161   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 42.883 | -7.2 | 162   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.643 | -4.1 | 163   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 163   | 0.00     |
| 22   | Acetophenone                | 40.000 | 41.331 | -3.3 | 163   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.836 | -1.0 | 160   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.166 | -2.9 | 165   | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.495 | -3.7 | 169   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.777 | -9.4 | 169   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.643 | -4.1 | 167   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 42.308 | -5.8 | 171   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.854 | -7.1 | 168   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.223 | -0.6 | 163   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.018 | -0.0 | 162   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.044 | 2.4  | 173   | 0.03     |
| 33   | 4-Chloroaniline             | 40.000 | 41.170 | -2.9 | 161   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.249 | 1.9  | 158   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.209 | -5.5 | 174   | 0.02     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.736 | -4.3 | 170   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.799 | 0.5  | 163   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.156 | -0.4 | 165   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 163   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.132 | 2.2  | 159   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 37.100 | 7.2  | 151   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 79.178 | 1.0  | 164   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.157 | -2.9 | 165   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.436 | -3.6 | 167   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 78.771 | 1.5  | 162   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.871 | 0.3  | 164   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.975 | 0.1  | 165   | 0.00     |

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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 | 41.336 | -3.3  | 166   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.029 | -0.1  | 164   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.913 | 0.2   | 166   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.860 | -4.6  | 170   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.074 | -2.7  | 167   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.306 | -5.8  | 170   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 42.456 | -6.1  | 191   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.166 | 2.1   | 164   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 41.887 | -4.7  | 169   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.304 | -5.8  | 170   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.918 | 2.7   | 163   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.307 | -5.8  | 174   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.345 | -0.9  | 167   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.940 | 2.7   | 163   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.325 | -5.8  | 168   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.801 | 0.5   | 166   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 162   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 45.438 | -13.6 | 175   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.157 | -2.9  | 162   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.182 | -3.0  | 162   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.304 | -0.8  | 162   | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.976 | 0.1   | 161   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 44.170 | -10.4 | 196   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.621 | 0.9   | 160   | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.726 | 0.7   | 161   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.190 | 2.0   | 157   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.938 | -2.3  | 165   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.566 | 8.6   | 148   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 130   | 0.00     |
| 77   | Benzidine                  | 40.000 | 37.697 | 5.8   | 131   | 0.00     |
| 78   | Pyrene                     | 40.000 | 45.069 | -12.7 | 148   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 85.164 | -6.5  | 139   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.937 | -9.8  | 144   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.005 | 2.5   | 125   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 37.407 | 6.5   | 118   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.159 | 2.1   | 125   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.349 | -5.9  | 136   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 40.814 | -2.0  | 127   | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 115   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.106 | -0.3  | 113   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.211 | 2.0   | 111   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.525 | 1.2   | 116   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.565 | 1.1   | 113   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.274 | -0.7  | 113   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.925 | 0.2   | 112   | 0.00     |

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Max. RRF Dev : 25% Max. Rel. Area : 150%

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

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