

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112025\  
 Data File : BG064827.D  
 Acq On : 20 Nov 2025 10:00  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 20 10:36:49 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  | 174   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.648 | 3.4  | 159   | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.456 | -1.1 | 170   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 35.175 | 12.1 | 150   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 80.215 | -0.3 | 170   | 0.00     |
| 6    | Aniline                     | 40.000 | 41.072 | -2.7 | 172   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 81.621 | -2.0 | 171   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.270 | -3.2 | 173   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 38.003 | 5.0  | 160   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.036 | -2.6 | 173   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 42.338 | -5.8 | 176   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.293 | -0.7 | 170   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.797 | 0.5  | 170   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.068 | 2.3  | 164   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.079 | -0.2 | 167   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.426 | 8.9  | 156   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.857 | 0.4  | 167   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.348 | 1.6  | 169   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 41.700 | -4.3 | 170   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.155 | -0.4 | 170   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 169   | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.734 | -1.8 | 167   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 81.608 | -2.0 | 169   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.275 | -3.2 | 172   | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.342 | -0.9 | 171   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.642 | -9.1 | 176   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.111 | -2.8 | 172   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 42.538 | -6.3 | 179   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.149 | -5.4 | 172   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.039 | -0.1 | 169   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.755 | 0.6  | 167   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 40.048 | -0.1 | 186   | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 41.329 | -3.3 | 168   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.828 | 2.9  | 163   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 41.983 | -5.0 | 181   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.935 | -2.3 | 173   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.835 | 0.4  | 169   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.503 | 1.2  | 169   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 170   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.402 | 4.0  | 163   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 36.809 | 8.0  | 156   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 79.330 | 0.8  | 171   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.026 | -2.6 | 171   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.394 | -3.5 | 173   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 78.267 | 2.2  | 168   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.446 | 1.4  | 169   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.600 | 1.0  | 170   | 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 | 41.345 | -3.4  | 172   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.228 | -0.6  | 171   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.315 | -0.8  | 175   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.001 | -5.0  | 178   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.354 | -3.4  | 175   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.878 | -7.2  | 179   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.550 | -3.9  | 193   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.834 | 0.4   | 174   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 42.499 | -6.2  | 178   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.385 | -8.5  | 182   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.487 | 1.3   | 172   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.831 | -4.6  | 179   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.860 | -2.1  | 176   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.208 | 2.0   | 171   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 43.146 | -7.9  | 178   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.319 | -0.8  | 175   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 171   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 45.850 | -14.6 | 186   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.500 | -3.8  | 172   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.775 | -1.9  | 170   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.960 | 0.1   | 170   | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.833 | 0.4   | 170   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.278 | -8.2  | 202   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.637 | 0.9   | 169   | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.541 | 1.1   | 169   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.879 | 0.3   | 168   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.584 | -1.5  | 172   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.895 | 5.3   | 162   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 148   | 0.00     |
| 77   | Benzidine                  | 40.000 | 35.365 | 11.6  | 139   | 0.00     |
| 78   | Pyrene                     | 40.000 | 43.823 | -9.6  | 163   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 83.002 | -3.8  | 154   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.167 | -7.9  | 161   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.207 | 2.0   | 143   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 36.869 | 7.8   | 132   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.734 | 0.7   | 144   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.391 | -6.0  | 155   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 40.883 | -2.2  | 145   | -0.02    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 130   | -0.02    |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.775 | 0.6   | 127   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.444 | -1.1  | 130   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.051 | 2.4   | 130   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.247 | 1.9   | 127   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.395 | -1.0  | 129   | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.107 | -0.3  | 128   | -0.02    |

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

(#) = Out of Range

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