

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091525\  
 Data File : BP025754.D  
 Acq On : 15 Sep 2025 16:29  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 15 17:29:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 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   | 131   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 42.447 | -6.1  | 133   | 0.00     |
| 3    | Pyridine                    | 40.000 | 42.538 | -6.3  | 128   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 43.259 | -8.1  | 133   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 88.291 | -10.4 | 132   | 0.00     |
| 6    | Aniline                     | 40.000 | 42.310 | -5.8  | 125   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 87.074 | -8.8  | 126   | -0.01    |
| 8    | 2-Chlorophenol              | 40.000 | 43.542 | -8.9  | 129   | -0.01    |
| 9    | Benzaldehyde                | 40.000 | 35.159 | 12.1  | 130   | -0.01    |
| 10 C | Phenol                      | 40.000 | 43.460 | -8.7  | 126   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 42.931 | -7.3  | 126   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 42.962 | -7.4  | 130   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 42.891 | -7.2  | 131   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 42.501 | -6.3  | 129   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.700 | -6.8  | 126   | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 43.679 | -9.2  | 131   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 43.484 | -8.7  | 127   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 43.324 | -8.3  | 132   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 43.105 | -7.8  | 123   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.630 | -4.1  | 123   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 123   | 0.00     |
| 22   | Acetophenone                | 40.000 | 43.750 | -9.4  | 122   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 87.066 | -8.8  | 123   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 43.948 | -9.9  | 123   | 0.00     |
| 25   | Isophorone                  | 40.000 | 43.067 | -7.7  | 123   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 45.695 | -14.2 | 125   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 45.176 | -12.9 | 124   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 44.318 | -10.8 | 126   | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 44.868 | -12.2 | 125   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 43.588 | -9.0  | 126   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 43.120 | -7.8  | 125   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 46.169 | -15.4 | 128   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 44.990 | -12.5 | 122   | -0.01    |
| 34 C | Hexachlorobutadiene         | 40.000 | 43.860 | -9.6  | 128   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 41.218 | -3.0  | 117   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 43.133 | -7.8  | 121   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 42.651 | -6.6  | 122   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 42.826 | -7.1  | 122   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 121   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 44.128 | -10.3 | 123   | -0.01    |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 46.777 | -16.9 | 123   | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 85.889 | -7.4  | 118   | -0.02    |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 45.474 | -13.7 | 123   | -0.02    |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 44.474 | -11.2 | 120   | -0.01    |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 83.370 | -4.2  | 119   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 43.445 | -8.6  | 122   | -0.01    |
| 47   | 2-Chloronaphthalene         | 40.000 | 42.930 | -7.3  | 121   | -0.02    |

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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 | 44.801 | -12.0 | 119   | -0.01    |
| 49   | Acenaphthylene             | 40.000 | 42.638 | -6.6  | 120   | -0.01    |
| 50   | Dimethylphthalate          | 40.000 | 43.090 | -7.7  | 120   | -0.01    |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.933 | -9.8  | 120   | -0.01    |
| 52 C | Acenaphthene               | 40.000 | 41.932 | -4.8  | 118   | -0.02    |
| 53   | 3-Nitroaniline             | 40.000 | 44.753 | -11.9 | 117   | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 42.386 | -6.0  | 122   | -0.01    |
| 55   | Dibenzofuran               | 40.000 | 42.432 | -6.1  | 121   | -0.02    |
| 56 P | 4-Nitrophenol              | 40.000 | 43.260 | -8.1  | 119   | -0.01    |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 44.113 | -10.3 | 118   | -0.01    |
| 58   | Fluorene                   | 40.000 | 41.509 | -3.8  | 117   | -0.02    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.932 | -9.8  | 119   | -0.02    |
| 60   | Diethylphthalate           | 40.000 | 43.170 | -7.9  | 123   | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 41.639 | -4.1  | 119   | -0.02    |
| 62   | 4-Nitroaniline             | 40.000 | 46.385 | -16.0 | 121   | -0.02    |
| 63   | Azobenzene                 | 40.000 | 42.805 | -7.0  | 118   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 118   | -0.01    |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 46.079 | -15.2 | 120   | -0.02    |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 43.984 | -10.0 | 120   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 44.145 | -10.4 | 120   | -0.01    |
| 68   | Hexachlorobenzene          | 40.000 | 42.935 | -7.3  | 119   | 0.00     |
| 69   | Atrazine                   | 40.000 | 44.563 | -11.4 | 119   | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 43.642 | -9.1  | 116   | -0.01    |
| 71   | Phenanthrene               | 40.000 | 42.377 | -5.9  | 117   | -0.01    |
| 72   | Anthracene                 | 40.000 | 43.124 | -7.8  | 119   | -0.01    |
| 73   | Carbazole                  | 40.000 | 43.970 | -9.9  | 119   | -0.01    |
| 74   | Di-n-butylphthalate        | 40.000 | 46.649 | -16.6 | 126   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 43.566 | -8.9  | 121   | -0.01    |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 119   | -0.03    |
| 77   | Benzydine                  | 40.000 | 46.533 | -16.3 | 122   | -0.01    |
| 78   | Pyrene                     | 40.000 | 42.735 | -6.8  | 119   | -0.01    |
| 79 S | Terphenyl-d14              | 80.000 | 82.739 | -3.4  | 116   | -0.01    |
| 80   | Butylbenzylphthalate       | 40.000 | 47.158 | -17.9 | 127   | -0.02    |
| 81   | Benzo(a)anthracene         | 40.000 | 43.931 | -9.8  | 123   | -0.02    |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 44.870 | -12.2 | 122   | -0.02    |
| 83   | Chrysene                   | 40.000 | 43.611 | -9.0  | 123   | -0.03    |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 47.086 | -17.7 | 127   | -0.02    |
| 85 c | Di-n-octyl phthalate       | 40.000 | 47.406 | -18.5 | 129   | -0.02    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 124   | -0.03    |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 43.541 | -8.9  | 123   | -0.04    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 45.080 | -12.7 | 128   | -0.01    |
| 89   | Benzo(k)fluoranthene       | 40.000 | 42.559 | -6.4  | 123   | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 43.361 | -8.4  | 123   | -0.02    |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 43.803 | -9.5  | 125   | -0.04    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 43.448 | -8.6  | 125   | -0.02    |

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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