

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121025\  
 Data File : BP026274.D  
 Acq On : 10 Dec 2025 13:41  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 10 14:19:33 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 05 14:52:44 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   | 83    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 42.434 | -6.1  | 91    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.931 | 0.2   | 87    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.367 | -0.9  | 88    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 82.309 | -2.9  | 87    | 0.00     |
| 6    | Aniline                     | 40.000 | 37.519 | 6.2   | 86    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.409 | 3.2   | 84    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.249 | -0.6  | 85    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 49.279 | -23.2 | 86    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.654 | 3.4   | 85    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.676 | 3.3   | 84    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 42.444 | -6.1  | 88    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.952 | -4.9  | 87    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 41.853 | -4.6  | 87    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.996 | 2.5   | 87    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.524 | 3.7   | 87    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.049 | 2.4   | 87    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 43.593 | -9.0  | 90    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.658 | 5.9   | 86    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 37.606 | 6.0   | 86    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 82    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.983 | -2.5  | 85    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 84.087 | -5.1  | 86    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.688 | -4.2  | 86    | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.542 | -1.4  | 88    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 44.535 | -11.3 | 89    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.728 | 3.2   | 91    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.862 | 0.3   | 86    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.056 | -5.1  | 86    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 43.745 | -9.4  | 86    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 41.502 | -3.8  | 85    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 49.552 | -23.9 | 160   | 0.05     |
| 33   | 4-Chloroaniline             | 40.000 | 39.547 | 1.1   | 86    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 45.886 | -14.7 | 89    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.810 | 3.0   | 86    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.059 | -2.6  | 89    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 41.234 | -3.1  | 87    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 41.409 | -3.5  | 86    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 83    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 44.316 | -10.8 | 88    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 41.495 | -3.7  | 107   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 89.689 | -12.1 | 90    | -0.01    |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 43.348 | -8.4  | 89    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 43.138 | -7.8  | 90    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 85.905 | -7.4  | 87    | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.155 | -2.9  | 85    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.908 | -4.8  | 86    | 0.00     |

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

|      | Compound                   | Amount | Calc.  | %Dev   | Area% | Dev(min) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 41.344 | -3.4   | 89    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.927 | -4.8   | 88    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.724 | -4.3   | 88    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.397 | -8.5   | 87    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.781 | -2.0   | 87    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.757 | 0.6    | 86    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 63.689 | -59.2# | 373   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 41.153 | -2.9   | 85    | -0.01    |
| 56 P | 4-Nitrophenol              | 40.000 | 37.324 | 6.7    | 89    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.598 | -9.0   | 90    | 0.00     |
| 58   | Fluorene                   | 40.000 | 41.476 | -3.7   | 86    | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.780 | -7.0   | 89    | -0.02    |
| 60   | Diethylphthalate           | 40.000 | 41.276 | -3.2   | 88    | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 42.353 | -5.9   | 86    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.874 | 0.3    | 89    | -0.01    |
| 63   | Azobenzene                 | 40.000 | 40.982 | -2.5   | 89    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 82    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 51.516 | -28.8# | 155   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 42.085 | -5.2   | 86    | -0.02    |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 43.997 | -10.0  | 87    | -0.02    |
| 68   | Hexachlorobenzene          | 40.000 | 44.355 | -10.9  | 87    | -0.01    |
| 69   | Atrazine                   | 40.000 | 42.055 | -5.1   | 87    | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 44.167 | -10.4  | 92    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 41.464 | -3.7   | 85    | 0.00     |
| 72   | Anthracene                 | 40.000 | 42.150 | -5.4   | 85    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.512 | -1.3   | 84    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.267 | -5.7   | 86    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.678 | -4.2   | 84    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 76    | 0.02     |
| 77   | Benzidine                  | 40.000 | 28.383 | 29.0#  | 59    | 0.00     |
| 78   | Pyrene                     | 40.000 | 42.531 | -6.3   | 83    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 88.235 | -10.3  | 85    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 42.987 | -7.5   | 83    | 0.01     |
| 81   | Benzo(a)anthracene         | 40.000 | 42.037 | -5.1   | 81    | 0.01     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.274 | -5.7   | 81    | 0.00     |
| 83   | Chrysene                   | 40.000 | 41.907 | -4.8   | 79    | 0.01     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.798 | -4.5   | 82    | 0.01     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.241 | -5.6   | 81    | 0.01     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 75    | 0.02     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.549 | -6.4   | 76    | 0.04     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.224 | -3.1   | 77    | 0.02     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.165 | -2.9   | 78    | 0.02     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.864 | -4.7   | 78    | 0.02     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.310 | -5.8   | 76    | 0.05     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 42.207 | -5.5   | 75    | 0.02     |

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

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