

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090825\  
 Data File : BF143663.D  
 Acq On : 08 Sep 2025 12:50  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 08 13:18:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF090325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 03 18:35:49 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    | 75    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 41.374  | -3.4   | 76    | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.509  | -1.3   | 74    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.394  | 4.0    | 70    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 86.318  | -7.9   | 79    | 0.00     |
| 6    | Aniline                     | 40.000 | 41.550  | -3.9   | 76    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 85.085  | -6.4   | 78    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 44.897  | -12.2  | 79    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.720  | -1.8   | 69    | 0.00     |
| 10 C | Phenol                      | 40.000 | 42.607  | -6.5   | 77    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 41.455  | -3.6   | 77    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 41.794  | -4.5   | 77    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 42.017  | -5.0   | 78    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 41.934  | -4.8   | 77    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.223  | -5.6   | 77    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.686  | 8.3    | 68    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 42.466  | -6.2   | 77    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 43.425  | -8.6   | 78    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 41.918  | -4.8   | 76    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 43.836  | -9.6   | 78    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000  | 0.0    | 74    | 0.00     |
| 22   | Acetophenone                | 40.000 | 41.849  | -4.6   | 77    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 95.551  | -19.4  | 82    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 46.648  | -16.6  | 79    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.964  | -4.9   | 78    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 49.083  | -22.7# | 99    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 45.412  | -13.5  | 82    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.506  | -3.8   | 77    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 46.283  | -15.7  | 81    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 43.415  | -8.5   | 79    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 42.815  | -7.0   | 80    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 42.919  | -7.3   | 92    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 43.426  | -8.6   | 80    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 43.545  | -8.9   | 80    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 48.939  | -22.3  | 87    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 44.438  | -11.1  | 80    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 43.151  | -7.9   | 80    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 43.578  | -8.9   | 81    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000  | 0.0    | 78    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 42.065  | -5.2   | 82    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 44.768  | -11.9  | 83    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 103.191 | -29.0# | 91    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 45.903  | -14.8  | 85    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 46.954  | -17.4  | 84    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 83.384  | -4.2   | 82    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.310  | -3.3   | 80    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.940  | -4.8   | 81    | 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 | 43.489 | -8.7   | 87    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.796 | -4.5   | 81    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 43.651 | -9.1   | 84    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 46.772 | -16.9  | 95    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 42.686 | -6.7   | 83    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 46.053 | -15.1  | 90    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 53.310 | -33.3# | 129   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 42.478 | -6.2   | 82    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 51.397 | -28.5# | 93    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 47.436 | -18.6  | 97    | 0.00     |
| 58   | Fluorene                   | 40.000 | 42.866 | -7.2   | 84    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 51.542 | -28.9# | 90    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 44.050 | -10.1  | 83    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 43.385 | -8.5   | 84    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 47.783 | -19.5  | 92    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.166 | -2.9   | 79    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 81    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 47.769 | -19.4  | 114   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.504 | -3.8   | 82    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 42.967 | -7.4   | 85    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 42.629 | -6.6   | 83    | 0.00     |
| 69   | Atrazine                   | 40.000 | 46.972 | -17.4  | 87    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 49.695 | -24.2# | 94    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 42.104 | -5.3   | 84    | 0.00     |
| 72   | Anthracene                 | 40.000 | 42.710 | -6.8   | 84    | 0.00     |
| 73   | Carbazole                  | 40.000 | 43.221 | -8.1   | 84    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 47.791 | -19.5  | 88    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 43.728 | -9.3   | 85    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 81    | 0.00     |
| 77   | Benzydine                  | 40.000 | 41.430 | -3.6   | 78    | 0.00     |
| 78   | Pyrene                     | 40.000 | 43.166 | -7.9   | 85    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 89.063 | -11.3  | 88    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 44.189 | -10.5  | 89    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 41.398 | -3.5   | 85    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 43.791 | -9.5   | 86    | 0.00     |
| 83   | Chrysene                   | 40.000 | 43.685 | -9.2   | 84    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.172 | -2.9   | 85    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.905 | 0.2    | 78    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 73    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.513 | -3.8   | 73    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 45.297 | -13.2  | 77    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 43.198 | -8.0   | 80    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 43.612 | -9.0   | 77    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 42.094 | -5.2   | 74    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.227 | -3.1   | 73    | 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 = 2