

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111225\  
 Data File : BF144230.D  
 Acq On : 12 Nov 2025 15:52  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 12 16:52:13 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 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    | 63    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 47.848 | -19.6  | 72    | 0.00     |
| 3    | Pyridine                    | 40.000 | 50.064 | -25.2# | 77    | -0.02    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 45.622 | -14.1  | 72    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 86.010 | -7.5   | 66    | 0.00     |
| 6    | Aniline                     | 40.000 | 44.844 | -12.1  | 71    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 85.853 | -7.3   | 68    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 42.921 | -7.3   | 67    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 60.782 | -52.0# | 97    | 0.00     |
| 10 C | Phenol                      | 40.000 | 44.117 | -10.3  | 67    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 45.376 | -13.4  | 70    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 41.468 | -3.7   | 66    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.790 | -2.0   | 63    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 41.034 | -2.6   | 65    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 43.115 | -7.8   | 68    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 50.305 | -25.8# | 78    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 43.166 | -7.9   | 66    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.522 | -3.8   | 64    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 41.878 | -4.7   | 67    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.317 | -0.8   | 62    | -0.01    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 67    | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.543 | 6.1    | 62    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 81.406 | -1.8   | 66    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.610 | -4.0   | 68    | 0.00     |
| 25   | Isophorone                  | 40.000 | 42.787 | -7.0   | 70    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.672 | -6.7   | 68    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 42.228 | -5.6   | 66    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 42.244 | -5.6   | 68    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.909 | 2.7    | 63    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.807 | 5.5    | 62    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.976 | 2.6    | 64    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.688 | 0.8    | 76    | -0.04    |
| 33   | 4-Chloroaniline             | 40.000 | 40.768 | -1.9   | 65    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 35.210 | 12.0   | 57    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 45.681 | -14.2  | 73    | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.413 | -1.0   | 66    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.350 | 1.6    | 65    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.162 | 4.6    | 63    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 64    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.852 | 5.4    | 59    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 44.100 | -10.3  | 73    | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 72.217 | 9.7    | 55    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.450 | 1.4    | 62    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.606 | 1.0    | 63    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.122 | 7.3    | 60    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.351 | 1.6    | 63    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.807 | 3.0    | 62    | 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 | 44.849 | -12.1 | 69    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.284 | -0.7  | 64    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.518 | -3.8  | 66    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.011 | -7.5  | 67    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.914 | 2.7   | 62    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 44.564 | -11.4 | 67    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 31.732 | 20.7  | 59    | -0.01    |
| 55   | Dibenzofuran               | 40.000 | 38.731 | 3.2   | 61    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 40.218 | -0.5  | 67    | -0.01    |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.832 | -7.1  | 64    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.641 | 3.4   | 61    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.986 | 2.5   | 60    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.969 | -2.4  | 64    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.500 | 6.3   | 58    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 43.609 | -9.0  | 68    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 42.964 | -7.4  | 67    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 61    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 36.252 | 9.4   | 58    | -0.01    |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.655 | -4.1  | 64    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.269 | 1.8   | 58    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.667 | 3.3   | 59    | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.528 | 1.2   | 60    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 38.070 | 4.8   | 56    | -0.01    |
| 71   | Phenanthrene               | 40.000 | 40.149 | -0.4  | 61    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.614 | 1.0   | 60    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.333 | -0.8  | 61    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.796 | -7.0  | 64    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.133 | 7.2   | 56    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 50    | 0.00     |
| 77   | Benzydine                  | 40.000 | 46.994 | -17.5 | 55    | -0.01    |
| 78   | Pyrene                     | 40.000 | 45.772 | -14.4 | 54    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 88.701 | -10.9 | 53    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 47.838 | -19.6 | 56    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 41.806 | -4.5  | 50    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.257 | -0.6  | 49    | -0.01    |
| 83   | Chrysene                   | 40.000 | 42.004 | -5.0  | 48    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 44.644 | -11.6 | 52    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 40.759 | -1.9  | 47    | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 50    | -0.01    |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.742 | 0.6   | 48    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.025 | -5.1  | 49    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.517 | -1.3  | 52    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.654 | -4.1  | 51    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 39.696 | 0.8   | 48    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.220 | 2.0   | 47    | -0.01    |

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|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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