

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100225\  
 Data File : BF143853.D  
 Acq On : 02 Oct 2025 13:36  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 02 15:57:02 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF092325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 24 05:00:00 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    | 101   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 41.803  | -4.5   | 98    | 0.00     |
| 3    | Pyridine                    | 40.000 | 41.593  | -4.0   | 97    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 32.925  | 17.7   | 78    | -0.02    |
| 5 S  | 2-Fluorophenol              | 80.000 | 84.763  | -6.0   | 99    | 0.00     |
| 6    | Aniline                     | 40.000 | 40.340  | -0.9   | 98    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 82.204  | -2.8   | 97    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 41.803  | -4.5   | 100   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.549  | 6.1    | 81    | 0.00     |
| 10 C | Phenol                      | 40.000 | 43.534  | -8.8   | 104   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.970  | 0.1    | 96    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 41.134  | -2.8   | 99    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.574  | -3.9   | 100   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 41.445  | -3.6   | 100   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.876  | -2.2   | 98    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 32.074  | 19.8   | 77    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 41.100  | -2.8   | 99    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.646  | -1.6   | 97    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 36.986  | 7.5    | 94    | -0.01    |
| 20   | 3+4-Methylphenols           | 40.000 | 41.493  | -3.7   | 98    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000  | 0.0    | 101   | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.047  | -0.1   | 96    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 85.507  | -6.9   | 99    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.650  | -4.1   | 98    | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.003  | -0.0   | 95    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 47.124  | -17.8  | 119   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.154  | -2.9   | 97    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.871  | 0.3    | 95    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 43.719  | -9.3   | 103   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 43.346  | -8.4   | 102   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 41.007  | -2.5   | 98    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 47.252  | -18.1  | 116   | -0.02    |
| 33   | 4-Chloroaniline             | 40.000 | 42.296  | -5.7   | 101   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 44.744  | -11.9  | 105   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.787  | -7.0   | 103   | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 42.256  | -5.6   | 101   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 41.540  | -3.8   | 100   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 41.416  | -3.5   | 99    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000  | 0.0    | 103   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 44.827  | -12.1  | 111   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.227  | 4.4    | 90    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 124.565 | -55.7# | 145   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 45.485  | -13.7  | 105   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 45.213  | -13.0  | 109   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 85.746  | -7.2   | 105   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.369  | -3.4   | 103   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 42.124  | -5.3   | 104   | 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 | 46.722 | -16.8  | 106   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.770 | -4.4   | 102   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.456 | -3.6   | 101   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 49.467 | -23.7  | 112   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.932 | -4.8   | 103   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 47.791 | -19.5  | 105   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 49.285 | -23.2  | 133   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 41.928 | -4.8   | 103   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.116 | 2.2    | 95    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 45.000 | -12.5  | 112   | 0.00     |
| 58   | Fluorene                   | 40.000 | 42.010 | -5.0   | 105   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 49.261 | -23.2  | 115   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.063 | -2.7   | 100   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 43.849 | -9.6   | 108   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 46.577 | -16.4  | 104   | -0.01    |
| 63   | Azobenzene                 | 40.000 | 38.468 | 3.8    | 93    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 103   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 47.767 | -19.4  | 129   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.546 | -3.9   | 103   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 48.490 | -21.2  | 118   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 53.330 | -33.3# | 131   | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.562 | -3.9   | 96    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 50.620 | -26.5# | 119   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 41.676 | -4.2   | 101   | 0.00     |
| 72   | Anthracene                 | 40.000 | 41.585 | -4.0   | 101   | 0.00     |
| 73   | Carbazole                  | 40.000 | 41.423 | -3.6   | 98    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.884 | 0.3    | 92    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 42.691 | -6.7   | 99    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 104   | 0.00     |
| 77   | Benzydine                  | 40.000 | 35.994 | 10.0   | 89    | 0.00     |
| 78   | Pyrene                     | 40.000 | 38.669 | 3.3    | 98    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 85.293 | -6.6   | 106   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 39.200 | 2.0    | 88    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.400 | -1.0   | 98    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 45.747 | -14.4  | 111   | 0.00     |
| 83   | Chrysene                   | 40.000 | 42.180 | -5.4   | 104   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 36.185 | 9.5    | 84    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 37.203 | 7.0    | 86    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 120   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 46.348 | -15.9  | 131   | -0.01    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.507 | -6.3   | 118   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.806 | 5.5    | 107   | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.307 | -3.3   | 116   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 46.945 | -17.4  | 131   | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 46.484 | -16.2  | 131   | -0.02    |

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

(#) = Out of Range

SPCC's out = 0 CCC's out = 1