

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100925\  
 Data File : BF143908.D  
 Acq On : 09 Oct 2025 14:49  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 09 15:55:56 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 06 15:29:47 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                    | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|-------|-------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 85    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.583 | 0.622 | -6.7  | 87    | -0.02    |
| 3    | Pyridine                    | 1.697 | 1.797 | -5.9  | 86    | -0.02    |
| 4    | n-Nitrosodimethylamine      | 0.893 | 0.840 | 5.9   | 79    | -0.05    |
| 5 S  | 2-Fluorophenol              | 1.259 | 1.352 | -7.4  | 88    | 0.00     |
| 6    | Aniline                     | 2.250 | 2.343 | -4.1  | 85    | 0.00     |
| 7 S  | Phenol-d6                   | 1.501 | 1.543 | -2.8  | 85    | -0.01    |
| 8    | 2-Chlorophenol              | 1.231 | 1.320 | -7.2  | 87    | 0.00     |
| 9    | Benzaldehyde                | 1.158 | 1.328 | -14.7 | 85    | 0.00     |
| 10 C | Phenol                      | 1.795 | 2.014 | -12.2 | 93    | -0.02    |
| 11   | bis(2-Chloroethyl)ether     | 1.386 | 1.440 | -3.9  | 85    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 1.474 | 1.523 | -3.3  | 86    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.454 | 1.513 | -4.1  | 86    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.392 | 1.459 | -4.8  | 87    | 0.00     |
| 15   | Benzyl Alcohol              | 1.125 | 1.185 | -5.3  | 86    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 3.156 | 3.272 | -3.7  | 86    | 0.00     |
| 17   | 2-Methylphenol              | 1.017 | 1.067 | -4.9  | 86    | 0.00     |
| 18   | Hexachloroethane            | 0.485 | 0.508 | -4.7  | 86    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.028 | 1.011 | 1.7   | 84    | -0.02    |
| 20   | 3+4-Methylphenols           | 1.179 | 1.265 | -7.3  | 85    | -0.02    |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 87    | 0.00     |
| 22   | Acetophenone                | 0.423 | 0.414 | 2.1   | 83    | -0.01    |
| 23 S | Nitrobenzene-d5             | 0.329 | 0.345 | -4.9  | 87    | -0.01    |
| 24   | Nitrobenzene                | 0.366 | 0.383 | -4.6  | 85    | -0.01    |
| 25   | Isophorone                  | 0.694 | 0.685 | 1.3   | 84    | -0.02    |
| 26 C | 2-Nitrophenol               | 0.157 | 0.184 | -17.2 | 92    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.282 | 0.291 | -3.2  | 86    | -0.01    |
| 28   | bis(2-Chloroethoxy)methane  | 0.438 | 0.436 | 0.5   | 85    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 0.294 | 0.300 | -2.0  | 85    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.289 | 0.293 | -1.4  | 85    | 0.00     |
| 31   | Naphthalene                 | 0.910 | 0.921 | -1.2  | 86    | 0.00     |
| 32   | Benzoic acid                | 0.195 | 0.192 | 1.5   | 83    | -0.05    |
| 33   | 4-Chloroaniline             | 0.341 | 0.345 | -1.2  | 84    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.201 | 0.202 | -0.5  | 85    | 0.00     |
| 35   | Caprolactam                 | 0.093 | 0.094 | -1.1  | 86    | -0.05    |
| 36 C | 4-Chloro-3-methylphenol     | 0.282 | 0.280 | 0.7   | 85    | -0.01    |
| 37   | 2-Methylnaphthalene         | 0.606 | 0.603 | 0.5   | 85    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.588 | 0.588 | 0.0   | 84    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 86    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.553 | 0.588 | -6.3  | 86    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.229 | 0.218 | 4.8   | 73    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.199 | 0.200 | -0.5  | 83    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.404 | 0.423 | -4.7  | 82    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.427 | 0.438 | -2.6  | 82    | -0.01    |
| 45 S | 2-Fluorobiphenyl            | 1.260 | 1.217 | 3.4   | 85    | -0.01    |
| 46   | 1,1'-Biphenyl               | 1.324 | 1.365 | -3.1  | 85    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.104 | 1.156 | -4.7  | 87    | 0.00     |

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

|      | Compound                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.349 | 0.390 | -11.7 | 85    | 0.00     |
| 49   | Acenaphthylene             | 1.552 | 1.596 | -2.8  | 84    | 0.00     |
| 50   | Dimethylphthalate          | 1.270 | 1.319 | -3.9  | 88    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.236 | 0.278 | -17.8 | 91    | -0.01    |
| 52 C | Acenaphthene               | 1.017 | 1.034 | -1.7  | 84    | 0.00     |
| 53   | 3-Nitroaniline             | 0.288 | 0.319 | -10.8 | 89    | -0.01    |
| 54 P | 2,4-Dinitrophenol          | 0.118 | 0.116 | 1.7   | 83    | 0.00     |
| 55   | Dibenzofuran               | 1.436 | 1.474 | -2.6  | 85    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.218 | 0.220 | -0.9  | 81    | -0.01    |
| 57   | 2,4-Dinitrotoluene         | 0.320 | 0.380 | -18.8 | 89    | -0.01    |
| 58   | Fluorene                   | 1.083 | 1.089 | -0.6  | 85    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.302 | 0.314 | -4.0  | 83    | 0.00     |
| 60   | Diethylphthalate           | 1.180 | 1.238 | -4.9  | 87    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.573 | 0.584 | -1.9  | 84    | 0.00     |
| 62   | 4-Nitroaniline             | 0.277 | 0.286 | -3.2  | 84    | -0.02    |
| 63   | Azobenzene                 | 1.233 | 1.293 | -4.9  | 87    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 87    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.101 | 0.108 | -6.9  | 85    | -0.02    |
| 66 c | n-Nitrosodiphenylamine     | 0.628 | 0.641 | -2.1  | 85    | -0.01    |
| 67   | 4-Bromophenyl-phenylether  | 0.221 | 0.222 | -0.5  | 83    | 0.00     |
| 68   | Hexachlorobenzene          | 0.256 | 0.258 | -0.8  | 84    | 0.00     |
| 69   | Atrazine                   | 0.190 | 0.187 | 1.6   | 83    | -0.01    |
| 70 C | Pentachlorophenol          | 0.147 | 0.141 | 4.1   | 78    | 0.00     |
| 71   | Phenanthrene               | 0.970 | 0.954 | 1.6   | 85    | 0.00     |
| 72   | Anthracene                 | 0.980 | 0.987 | -0.7  | 83    | 0.00     |
| 73   | Carbazole                  | 0.868 | 0.851 | 2.0   | 83    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.005 | 1.066 | -6.1  | 88    | 0.00     |
| 75 C | Fluoranthene               | 1.002 | 1.015 | -1.3  | 85    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 93    | 0.00     |
| 77   | Benzidine                  | 0.694 | 0.651 | 6.2   | 79    | 0.00     |
| 78   | Pyrene                     | 1.667 | 1.702 | -2.1  | 85    | 0.00     |
| 79 S | Terphenyl-d14              | 1.170 | 1.220 | -4.3  | 88    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.542 | 0.618 | -14.0 | 92    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.309 | 1.356 | -3.6  | 90    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.399 | 0.431 | -8.0  | 91    | 0.00     |
| 83   | Chrysene                   | 1.211 | 1.280 | -5.7  | 92    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.653 | 0.766 | -17.3 | 96    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.072 | 1.263 | -17.8 | 98    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.225 | 1.392 | -13.6 | 99    | -0.02    |
| 88   | Benzo(b)fluoranthene       | 1.149 | 1.160 | -1.0  | 91    | -0.01    |
| 89   | Benzo(k)fluoranthene       | 1.063 | 1.045 | 1.7   | 94    | -0.01    |
| 90 C | Benzo(a)pyrene             | 0.996 | 1.030 | -3.4  | 93    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 0.986 | 1.106 | -12.2 | 97    | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 0.986 | 1.093 | -10.9 | 97    | -0.02    |

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

(#) = Out of Range

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