

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110625\  
 Data File : BF144180.D  
 Acq On : 06 Nov 2025 11:13  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 06 11:34:17 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                    | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|------|-----------------------------|-------|-------|------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0  | 110   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.528 | 0.558 | -5.7 | 111   | 0.00     |
| 3    | Pyridine                    | 1.474 | 1.597 | -8.3 | 116   | -0.03    |
| 4    | n-Nitrosodimethylamine      | 0.770 | 0.833 | -8.2 | 119   | -0.01    |
| 5 S  | 2-Fluorophenol              | 1.278 | 1.335 | -4.5 | 112   | 0.00     |
| 6    | Aniline                     | 2.063 | 2.155 | -4.5 | 115   | 0.00     |
| 7 S  | Phenol-d6                   | 1.448 | 1.506 | -4.0 | 114   | 0.00     |
| 8    | 2-Chlorophenol              | 1.253 | 1.297 | -3.5 | 112   | 0.00     |
| 9    | Benzaldehyde                | 0.818 | 0.829 | -1.3 | 112   | 0.00     |
| 10 C | Phenol                      | 1.769 | 1.823 | -3.1 | 108   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.289 | 1.333 | -3.4 | 112   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.547 | 1.585 | -2.5 | 114   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.549 | 1.589 | -2.6 | 110   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.485 | 1.522 | -2.5 | 113   | 0.00     |
| 15   | Benzyl Alcohol              | 1.147 | 1.187 | -3.5 | 113   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.374 | 2.494 | -5.1 | 114   | 0.00     |
| 17   | 2-Methylphenol              | 0.997 | 1.048 | -5.1 | 112   | 0.00     |
| 18   | Hexachloroethane            | 0.515 | 0.548 | -6.4 | 114   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 0.953 | 0.973 | -2.1 | 113   | 0.01     |
| 20   | 3+4-Methylphenols           | 1.175 | 1.214 | -3.3 | 110   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0  | 114   | 0.00     |
| 22   | Acetophenone                | 0.429 | 0.431 | -0.5 | 114   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.346 | 0.359 | -3.8 | 114   | 0.00     |
| 24   | Nitrobenzene                | 0.376 | 0.386 | -2.7 | 114   | 0.00     |
| 25   | Isophorone                  | 0.655 | 0.683 | -4.3 | 116   | 0.01     |
| 26 C | 2-Nitrophenol               | 0.186 | 0.194 | -4.3 | 113   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.279 | 0.293 | -5.0 | 112   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.409 | 0.423 | -3.4 | 114   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.322 | 0.325 | -0.9 | 112   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.330 | 0.325 | 1.5  | 110   | 0.00     |
| 31   | Naphthalene                 | 0.951 | 0.951 | 0.0  | 112   | 0.00     |
| 32   | Benzoic acid                | 0.204 | 0.181 | 11.3 | 115   | -0.03    |
| 33   | 4-Chloroaniline             | 0.347 | 0.362 | -4.3 | 114   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.249 | 0.252 | -1.2 | 111   | 0.00     |
| 35   | Caprolactam                 | 0.088 | 0.095 | -8.0 | 117   | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 0.288 | 0.303 | -5.2 | 117   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.636 | 0.646 | -1.6 | 114   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.614 | 0.616 | -0.3 | 114   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0  | 118   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.655 | 0.655 | 0.0  | 114   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.195 | 0.199 | -2.1 | 117   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.251 | 0.266 | -6.0 | 118   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.446 | 0.434 | 2.7  | 112   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.481 | 0.477 | 0.8  | 115   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.354 | 1.280 | 5.5  | 112   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.396 | 1.364 | 2.3  | 114   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.191 | 1.154 | 3.1  | 113   | 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.344 | 0.363 | -5.5  | 118   | 0.00     |
| 49   | Acenaphthylene             | 1.623 | 1.621 | 0.1   | 116   | 0.00     |
| 50   | Dimethylphthalate          | 1.325 | 1.342 | -1.3  | 117   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.268 | 0.284 | -6.0  | 121   | 0.00     |
| 52 C | Acenaphthene               | 1.085 | 1.054 | 2.9   | 113   | 0.00     |
| 53   | 3-Nitroaniline             | 0.293 | 0.312 | -6.5  | 117   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.162 | 0.146 | 9.9   | 122   | 0.00     |
| 55   | Dibenzofuran               | 1.520 | 1.505 | 1.0   | 114   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.212 | 0.221 | -4.2  | 128   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.359 | 0.389 | -8.4  | 119   | 0.00     |
| 58   | Fluorene                   | 1.156 | 1.160 | -0.3  | 116   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.340 | 0.347 | -2.1  | 114   | 0.00     |
| 60   | Diethylphthalate           | 1.221 | 1.265 | -3.6  | 119   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.658 | 0.676 | -2.7  | 116   | 0.00     |
| 62   | 4-Nitroaniline             | 0.279 | 0.303 | -8.6  | 124   | 0.01     |
| 63   | Azobenzene                 | 1.137 | 1.177 | -3.5  | 119   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 117   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.136 | 0.135 | 0.7   | 122   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.643 | 0.649 | -0.9  | 118   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.255 | 0.263 | -3.1  | 117   | 0.00     |
| 68   | Hexachlorobenzene          | 0.301 | 0.313 | -4.0  | 122   | 0.00     |
| 69   | Atrazine                   | 0.205 | 0.207 | -1.0  | 118   | 0.00     |
| 70 C | Pentachlorophenol          | 0.150 | 0.157 | -4.7  | 118   | 0.00     |
| 71   | Phenanthrene               | 0.996 | 1.023 | -2.7  | 119   | 0.00     |
| 72   | Anthracene                 | 1.013 | 1.026 | -1.3  | 118   | 0.00     |
| 73   | Carbazole                  | 0.861 | 0.882 | -2.4  | 118   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.041 | 1.100 | -5.7  | 121   | 0.00     |
| 75 C | Fluoranthene               | 1.029 | 1.076 | -4.6  | 120   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 114   | 0.00     |
| 77   | Benzidine                  | 0.592 | 0.614 | -3.7  | 112   | 0.00     |
| 78   | Pyrene                     | 1.613 | 1.763 | -9.3  | 117   | 0.00     |
| 79 S | Terphenyl-d14              | 1.259 | 1.373 | -9.1  | 118   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.559 | 0.622 | -11.3 | 120   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.386 | 1.411 | -1.8  | 112   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.475 | 0.470 | 1.1   | 110   | 0.00     |
| 83   | Chrysene                   | 1.280 | 1.333 | -4.1  | 108   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.765 | 0.798 | -4.3  | 111   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.320 | 1.296 | 1.8   | 104   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 103   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.436 | 1.493 | -4.0  | 104   | 0.01     |
| 88   | Benzo(b)fluoranthene       | 1.137 | 1.113 | 2.1   | 93    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.064 | 1.156 | -8.6  | 115   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.049 | 1.084 | -3.3  | 104   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.153 | 1.196 | -3.7  | 103   | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 1.139 | 1.197 | -5.1  | 104   | 0.00     |

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

(#) = Out of Range

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