

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100325\  
 Data File : BP025913.D  
 Acq On : 03 Oct 2025 14:06  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 03 14:28:48 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 16:45:04 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    | 153#  | -0.02    |
| 2    | 1,4-Dioxane                 | 0.520 | 0.505 | 2.9    | 142   | 0.00     |
| 3    | Pyridine                    | 1.432 | 1.406 | 1.8    | 137   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.676 | 0.583 | 13.8   | 124   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.240 | 1.313 | -5.9   | 147   | 0.00     |
| 6    | Aniline                     | 2.262 | 2.202 | 2.7    | 134   | -0.02    |
| 7 S  | Phenol-d6                   | 1.648 | 1.687 | -2.4   | 139   | 0.00     |
| 8    | 2-Chlorophenol              | 1.360 | 1.404 | -3.2   | 142   | -0.02    |
| 9    | Benzaldehyde                | 0.987 | 1.288 | -30.5# | 225#  | -0.02    |
| 10 C | Phenol                      | 1.737 | 1.759 | -1.3   | 137   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.396 | 1.365 | 2.2    | 134   | -0.02    |
| 12   | 1,3-Dichlorobenzene         | 1.548 | 1.570 | -1.4   | 143   | -0.02    |
| 13 C | 1,4-Dichlorobenzene         | 1.576 | 1.581 | -0.3   | 143   | -0.02    |
| 14   | 1,2-Dichlorobenzene         | 1.531 | 1.513 | 1.2    | 140   | -0.02    |
| 15   | Benzyl Alcohol              | 1.361 | 1.320 | 3.0    | 134   | -0.02    |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.282 | 1.956 | 14.3   | 120   | -0.02    |
| 17   | 2-Methylphenol              | 1.171 | 1.177 | -0.5   | 137   | -0.01    |
| 18   | Hexachloroethane            | 0.602 | 0.601 | 0.2    | 142   | -0.02    |
| 19 P | n-Nitroso-di-n-propylamine  | 1.149 | 1.092 | 5.0    | 127   | -0.02    |
| 20   | 3+4-Methylphenols           | 1.640 | 1.580 | 3.7    | 133   | -0.01    |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0    | 142   | -0.02    |
| 22   | Acetophenone                | 0.534 | 0.542 | -1.5   | 131   | -0.02    |
| 23 S | Nitrobenzene-d5             | 0.453 | 0.446 | 1.5    | 128   | -0.02    |
| 24   | Nitrobenzene                | 0.407 | 0.401 | 1.5    | 127   | -0.02    |
| 25   | Isophorone                  | 0.797 | 0.774 | 2.9    | 128   | -0.02    |
| 26 C | 2-Nitrophenol               | 0.181 | 0.202 | -11.6  | 142   | -0.02    |
| 27   | 2,4-Dimethylphenol          | 0.317 | 0.323 | -1.9   | 129   | -0.02    |
| 28   | bis(2-Chloroethoxy)methane  | 0.461 | 0.456 | 1.1    | 130   | -0.03    |
| 29 C | 2,4-Dichlorophenol          | 0.316 | 0.337 | -6.6   | 137   | -0.01    |
| 30   | 1,2,4-Trichlorobenzene      | 0.356 | 0.367 | -3.1   | 138   | -0.03    |
| 31   | Naphthalene                 | 1.078 | 1.066 | 1.1    | 132   | -0.02    |
| 32   | Benzoic acid                | 0.236 | 0.239 | -1.3   | 130   | 0.01     |
| 33   | 4-Chloroaniline             | 0.449 | 0.465 | -3.6   | 130   | -0.02    |
| 34 C | Hexachlorobutadiene         | 0.229 | 0.238 | -3.9   | 139   | -0.03    |
| 35   | Caprolactam                 | 0.122 | 0.143 | -17.2  | 154#  | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.377 | 0.378 | -0.3   | 130   | -0.01    |
| 37   | 2-Methylnaphthalene         | 0.693 | 0.687 | 0.9    | 131   | -0.02    |
| 38   | 1-Methylnaphthalene         | 0.739 | 0.720 | 2.6    | 128   | -0.02    |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0    | 135   | -0.03    |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.606 | 0.655 | -8.1   | 134   | -0.02    |
| 41 P | Hexachlorocyclopentadiene   | 0.330 | 0.303 | 8.2    | 108   | -0.04    |
| 42 S | 2,4,6-Tribromophenol        | 0.249 | 0.284 | -14.1  | 139   | -0.04    |
| 43 C | 2,4,6-Trichlorophenol       | 0.398 | 0.436 | -9.5   | 132   | -0.02    |
| 44   | 2,4,5-Trichlorophenol       | 0.443 | 0.484 | -9.3   | 131   | -0.01    |
| 45 S | 2-Fluorobiphenyl            | 1.502 | 1.542 | -2.7   | 131   | -0.03    |
| 46   | 1,1'-Biphenyl               | 1.468 | 1.494 | -1.8   | 127   | -0.03    |
| 47   | 2-Chloronaphthalene         | 1.156 | 1.175 | -1.6   | 128   | -0.03    |

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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             | 0.385 | 0.392 | -1.8   | 121   | -0.02    |
| 49   | Acenaphthylene             | 1.915 | 1.936 | -1.1   | 127   | -0.04    |
| 50   | Dimethylphthalate          | 1.527 | 1.508 | 1.2    | 123   | -0.04    |
| 51   | 2,6-Dinitrotoluene         | 0.324 | 0.339 | -4.6   | 128   | -0.03    |
| 52 C | Acenaphthene               | 1.104 | 1.096 | 0.7    | 124   | -0.04    |
| 53   | 3-Nitroaniline             | 0.340 | 0.363 | -6.8   | 124   | -0.02    |
| 54 P | 2,4-Dinitrophenol          | 0.183 | 0.227 | -24.0  | 147   | -0.02    |
| 55   | Dibenzofuran               | 1.800 | 1.777 | 1.3    | 125   | -0.04    |
| 56 P | 4-Nitrophenol              | 0.258 | 0.360 | -39.5# | 158#  | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.460 | 0.489 | -6.3   | 127   | -0.03    |
| 58   | Fluorene                   | 1.431 | 1.413 | 1.3    | 123   | -0.05    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.399 | 0.426 | -6.8   | 129   | -0.04    |
| 60   | Diethylphthalate           | 1.549 | 1.533 | 1.0    | 126   | -0.04    |
| 61   | 4-Chlorophenyl-phenylether | 0.721 | 0.735 | -1.9   | 129   | -0.04    |
| 62   | 4-Nitroaniline             | 0.349 | 0.383 | -9.7   | 128   | -0.03    |
| 63   | Azobenzene                 | 1.498 | 1.424 | 4.9    | 117   | -0.04    |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 134   | -0.04    |
| 65   | 4,6-Dinitro-2-methylphenol | 0.133 | 0.151 | -13.5  | 135   | -0.02    |
| 66 c | n-Nitrosodiphenylamine     | 0.612 | 0.622 | -1.6   | 126   | -0.03    |
| 67   | 4-Bromophenyl-phenylether  | 0.220 | 0.230 | -4.5   | 130   | -0.05    |
| 68   | Hexachlorobenzene          | 0.245 | 0.258 | -5.3   | 133   | -0.04    |
| 69   | Atrazine                   | 0.234 | 0.237 | -1.3   | 122   | -0.04    |
| 70 C | Pentachlorophenol          | 0.162 | 0.169 | -4.3   | 127   | -0.03    |
| 71   | Phenanthrene               | 1.135 | 1.104 | 2.7    | 122   | -0.04    |
| 72   | Anthracene                 | 1.151 | 1.138 | 1.1    | 124   | -0.04    |
| 73   | Carbazole                  | 1.070 | 1.061 | 0.8    | 122   | -0.04    |
| 74   | Di-n-butylphthalate        | 1.313 | 1.329 | -1.2   | 124   | -0.04    |
| 75 C | Fluoranthene               | 1.361 | 1.336 | 1.8    | 124   | -0.04    |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 131   | -0.05    |
| 77   | Benzidine                  | 0.576 | 0.630 | -9.4   | 126   | -0.04    |
| 78   | Pyrene                     | 1.335 | 1.329 | 0.4    | 122   | -0.04    |
| 79 S | Terphenyl-d14              | 1.112 | 1.133 | -1.9   | 126   | -0.04    |
| 80   | Butylbenzylphthalate       | 0.585 | 0.594 | -1.5   | 120   | -0.05    |
| 81   | Benzo(a)anthracene         | 1.369 | 1.359 | 0.7    | 123   | -0.05    |
| 82   | 3,3'-Dichlorobenzidine     | 0.473 | 0.502 | -6.1   | 127   | -0.05    |
| 83   | Chrysene                   | 1.305 | 1.272 | 2.5    | 121   | -0.05    |
| 84   | Bis(2-ethylhexyl)phthalate | 0.856 | 0.843 | 1.5    | 117   | -0.05    |
| 85 c | Di-n-octyl phthalate       | 1.523 | 1.495 | 1.8    | 117   | -0.06    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 136   | -0.06    |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.454 | 1.488 | -2.3   | 127   | -0.08    |
| 88   | Benzo(b)fluoranthene       | 1.223 | 1.194 | 2.4    | 122   | -0.05    |
| 89   | Benzo(k)fluoranthene       | 1.248 | 1.216 | 2.6    | 123   | -0.05    |
| 90 C | Benzo(a)pyrene             | 1.198 | 1.178 | 1.7    | 123   | -0.07    |
| 91   | Dibenzo(a,h)anthracene     | 1.190 | 1.228 | -3.2   | 129   | -0.11    |
| 92   | Benzo(g,h,i)perylene       | 1.170 | 1.195 | -2.1   | 128   | -0.08    |

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

(#) = Out of Range

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