

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092625\  
 Data File : BP025869.D  
 Acq On : 26 Sep 2025 14:06  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 26 14:40:45 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   | 122   | -0.02    |
| 2    | 1,4-Dioxane                 | 0.520 | 0.487 | 6.3   | 109   | 0.00     |
| 3    | Pyridine                    | 1.432 | 1.317 | 8.0   | 102   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.676 | 0.532 | 21.3  | 90    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.240 | 1.246 | -0.5  | 112   | 0.00     |
| 6    | Aniline                     | 2.262 | 2.090 | 7.6   | 102   | -0.01    |
| 7 S  | Phenol-d6                   | 1.648 | 1.571 | 4.7   | 103   | 0.00     |
| 8    | 2-Chlorophenol              | 1.360 | 1.357 | 0.2   | 110   | -0.01    |
| 9    | Benzaldehyde                | 0.987 | 1.197 | -21.3 | 167#  | -0.02    |
| 10 C | Phenol                      | 1.737 | 1.629 | 6.2   | 101   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.396 | 1.305 | 6.5   | 102   | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 1.548 | 1.551 | -0.2  | 113   | -0.01    |
| 13 C | 1,4-Dichlorobenzene         | 1.576 | 1.550 | 1.6   | 112   | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 1.531 | 1.511 | 1.3   | 111   | -0.02    |
| 15   | Benzyl Alcohol              | 1.361 | 1.249 | 8.2   | 101   | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.282 | 1.825 | 20.0  | 89    | -0.02    |
| 17   | 2-Methylphenol              | 1.171 | 1.109 | 5.3   | 102   | 0.00     |
| 18   | Hexachloroethane            | 0.602 | 0.593 | 1.5   | 112   | -0.02    |
| 19 P | n-Nitroso-di-n-propylamine  | 1.149 | 1.055 | 8.2   | 97    | -0.02    |
| 20   | 3+4-Methylphenols           | 1.640 | 1.494 | 8.9   | 100   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 111   | -0.01    |
| 22   | Acetophenone                | 0.534 | 0.540 | -1.1  | 101   | -0.01    |
| 23 S | Nitrobenzene-d5             | 0.453 | 0.440 | 2.9   | 98    | -0.01    |
| 24   | Nitrobenzene                | 0.407 | 0.388 | 4.7   | 96    | -0.02    |
| 25   | Isophorone                  | 0.797 | 0.768 | 3.6   | 99    | -0.01    |
| 26 C | 2-Nitrophenol               | 0.181 | 0.201 | -11.0 | 109   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.317 | 0.317 | 0.0   | 99    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.461 | 0.459 | 0.4   | 102   | -0.02    |
| 29 C | 2,4-Dichlorophenol          | 0.316 | 0.335 | -6.0  | 106   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.356 | 0.380 | -6.7  | 111   | -0.01    |
| 31   | Naphthalene                 | 1.078 | 1.064 | 1.3   | 103   | -0.02    |
| 32   | Benzoic acid                | 0.236 | 0.246 | -4.2  | 104   | 0.01     |
| 33   | 4-Chloroaniline             | 0.449 | 0.460 | -2.4  | 100   | -0.01    |
| 34 C | Hexachlorobutadiene         | 0.229 | 0.259 | -13.1 | 118   | -0.02    |
| 35   | Caprolactam                 | 0.122 | 0.143 | -17.2 | 119   | 0.01     |
| 36 C | 4-Chloro-3-methylphenol     | 0.377 | 0.376 | 0.3   | 100   | 0.01     |
| 37   | 2-Methylnaphthalene         | 0.693 | 0.690 | 0.4   | 102   | -0.01    |
| 38   | 1-Methylnaphthalene         | 0.739 | 0.737 | 0.3   | 102   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 111   | -0.02    |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.606 | 0.653 | -7.8  | 110   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.330 | 0.378 | -14.5 | 110   | -0.02    |
| 42 S | 2,4,6-Tribromophenol        | 0.249 | 0.308 | -23.7 | 124   | -0.01    |
| 43 C | 2,4,6-Trichlorophenol       | 0.398 | 0.429 | -7.8  | 107   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.443 | 0.470 | -6.1  | 104   | 0.01     |
| 45 S | 2-Fluorobiphenyl            | 1.502 | 1.532 | -2.0  | 106   | -0.02    |
| 46   | 1,1'-Biphenyl               | 1.468 | 1.485 | -1.2  | 104   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.156 | 1.156 | 0.0   | 103   | -0.01    |

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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 | 0.356 | 7.5   | 90    | 0.00     |
| 49   | Acenaphthylene             | 1.915 | 1.902 | 0.7   | 102   | -0.02    |
| 50   | Dimethylphthalate          | 1.527 | 1.557 | -2.0  | 104   | -0.01    |
| 51   | 2,6-Dinitrotoluene         | 0.324 | 0.333 | -2.8  | 103   | 0.00     |
| 52 C | Acenaphthene               | 1.104 | 1.086 | 1.6   | 101   | -0.02    |
| 53   | 3-Nitroaniline             | 0.340 | 0.335 | 1.5   | 94    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.183 | 0.219 | -19.7 | 116   | 0.00     |
| 55   | Dibenzofuran               | 1.800 | 1.793 | 0.4   | 103   | -0.01    |
| 56 P | 4-Nitrophenol              | 0.258 | 0.311 | -20.5 | 112   | 0.05     |
| 57   | 2,4-Dinitrotoluene         | 0.460 | 0.491 | -6.7  | 105   | 0.00     |
| 58   | Fluorene                   | 1.431 | 1.445 | -1.0  | 104   | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.399 | 0.444 | -11.3 | 110   | 0.00     |
| 60   | Diethylphthalate           | 1.549 | 1.580 | -2.0  | 107   | -0.01    |
| 61   | 4-Chlorophenyl-phenylether | 0.721 | 0.768 | -6.5  | 111   | -0.01    |
| 62   | 4-Nitroaniline             | 0.349 | 0.360 | -3.2  | 99    | 0.00     |
| 63   | Azobenzene                 | 1.498 | 1.379 | 7.9   | 93    | -0.01    |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 114   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.133 | 0.153 | -15.0 | 116   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.612 | 0.604 | 1.3   | 104   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.220 | 0.238 | -8.2  | 114   | -0.01    |
| 68   | Hexachlorobenzene          | 0.245 | 0.273 | -11.4 | 119   | 0.00     |
| 69   | Atrazine                   | 0.234 | 0.248 | -6.0  | 109   | 0.00     |
| 70 C | Pentachlorophenol          | 0.162 | 0.173 | -6.8  | 110   | 0.00     |
| 71   | Phenanthrene               | 1.135 | 1.096 | 3.4   | 103   | 0.00     |
| 72   | Anthracene                 | 1.151 | 1.138 | 1.1   | 105   | 0.00     |
| 73   | Carbazole                  | 1.070 | 1.064 | 0.6   | 103   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.313 | 1.357 | -3.4  | 108   | 0.00     |
| 75 C | Fluoranthene               | 1.361 | 1.376 | -1.1  | 108   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 118   | -0.01    |
| 77   | Benzidine                  | 0.576 | 0.590 | -2.4  | 106   | 0.00     |
| 78   | Pyrene                     | 1.335 | 1.283 | 3.9   | 106   | 0.00     |
| 79 S | Terphenyl-d14              | 1.112 | 1.145 | -3.0  | 114   | -0.01    |
| 80   | Butylbenzylphthalate       | 0.585 | 0.598 | -2.2  | 109   | -0.02    |
| 81   | Benzo(a)anthracene         | 1.369 | 1.379 | -0.7  | 112   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.473 | 0.505 | -6.8  | 115   | 0.00     |
| 83   | Chrysene                   | 1.305 | 1.290 | 1.1   | 110   | -0.01    |
| 84   | Bis(2-ethylhexyl)phthalate | 0.856 | 0.877 | -2.5  | 109   | -0.02    |
| 85 c | Di-n-octyl phthalate       | 1.523 | 1.564 | -2.7  | 110   | -0.02    |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 121   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.454 | 1.493 | -2.7  | 113   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.223 | 1.218 | 0.4   | 110   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.248 | 1.251 | -0.2  | 113   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.198 | 1.204 | -0.5  | 111   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.190 | 1.234 | -3.7  | 115   | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 1.170 | 1.207 | -3.2  | 115   | 0.01     |

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| Compound | AvgRF | CCRF | %Dev Area | % Dev(min) |
|----------|-------|------|-----------|------------|
|----------|-------|------|-----------|------------|

(#) = Out of Range

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