

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111225\  
 Data File : BG064753.D  
 Acq On : 12 Nov 2025 16:45  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG111225

Quant Time: Nov 12 17:26:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 12 17:10:56 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   | 111   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.443 | 0.349 | 21.2  | 83    | 0.00     |
| 3    | Pyridine                    | 1.321 | 0.967 | 26.8# | 79    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.672 | 0.547 | 18.6  | 89    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.145 | 0.904 | 21.0  | 86    | 0.00     |
| 6    | Aniline                     | 2.030 | 1.731 | 14.7  | 92    | 0.00     |
| 7 S  | Phenol-d6                   | 1.523 | 1.228 | 19.4  | 87    | 0.00     |
| 8    | 2-Chlorophenol              | 1.258 | 1.031 | 18.0  | 88    | 0.00     |
| 9    | Benzaldehyde                | 0.997 | 0.877 | 12.0  | 95    | 0.00     |
| 10 C | Phenol                      | 1.657 | 1.366 | 17.6  | 89    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.179 | 0.959 | 18.7  | 87    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.447 | 1.218 | 15.8  | 91    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.474 | 1.212 | 17.8  | 90    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.429 | 1.212 | 15.2  | 92    | 0.00     |
| 15   | Benzyl Alcohol              | 1.250 | 1.080 | 13.6  | 92    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.792 | 2.222 | 20.4  | 87    | 0.00     |
| 17   | 2-Methylphenol              | 1.173 | 0.943 | 19.6  | 86    | 0.00     |
| 18   | Hexachloroethane            | 0.558 | 0.438 | 21.5  | 87    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.030 | 0.883 | 14.3  | 90    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.607 | 1.295 | 19.4  | 88    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 111   | 0.00     |
| 22   | Acetophenone                | 0.545 | 0.460 | 15.6  | 91    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.405 | 0.313 | 22.7  | 84    | 0.00     |
| 24   | Nitrobenzene                | 0.409 | 0.339 | 17.1  | 91    | 0.00     |
| 25   | Isophorone                  | 0.770 | 0.623 | 19.1  | 90    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.184 | 0.154 | 16.3  | 88    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.327 | 0.258 | 21.1  | 87    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.423 | 0.340 | 19.6  | 89    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.351 | 0.290 | 17.4  | 88    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.423 | 0.360 | 14.9  | 94    | 0.00     |
| 31   | Naphthalene                 | 1.134 | 0.890 | 21.5  | 86    | 0.00     |
| 32   | Benzoic acid                | 0.205 | 0.163 | 20.5  | 88    | 0.00     |
| 33   | 4-Chloroaniline             | 0.454 | 0.381 | 16.1  | 90    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.363 | 0.286 | 21.2# | 87    | 0.00     |
| 35   | Caprolactam                 | 0.105 | 0.086 | 18.1  | 93    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.390 | 0.314 | 19.5  | 89    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.848 | 0.607 | 28.4# | 80    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.843 | 0.633 | 24.9  | 84    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 114   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.778 | 0.617 | 20.7  | 90    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.558 | 0.427 | 23.5  | 87    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.390 | 0.313 | 19.7  | 92    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.457 | 0.366 | 19.9  | 89    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.512 | 0.404 | 21.1  | 88    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.433 | 1.075 | 25.0  | 86    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.436 | 1.159 | 19.3  | 92    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.132 | 0.882 | 22.1  | 90    | 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             | 0.364 | 0.305 | 16.2  | 93    | 0.00     |
| 49   | Acenaphthylene             | 1.933 | 1.536 | 20.5  | 91    | 0.00     |
| 50   | Dimethylphthalate          | 1.580 | 1.252 | 20.8  | 92    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.304 | 0.253 | 16.8  | 94    | 0.00     |
| 52 C | Acenaphthene               | 1.159 | 0.918 | 20.8# | 90    | 0.00     |
| 53   | 3-Nitroaniline             | 0.300 | 0.254 | 15.3  | 95    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.158 | 0.142 | 10.1  | 95    | 0.00     |
| 55   | Dibenzofuran               | 1.916 | 1.502 | 21.6  | 91    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.238 | 0.199 | 16.4  | 94    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.456 | 0.381 | 16.4  | 94    | 0.00     |
| 58   | Fluorene                   | 1.503 | 1.189 | 20.9  | 92    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.506 | 0.436 | 13.8  | 99    | 0.00     |
| 60   | Diethylphthalate           | 1.513 | 1.188 | 21.5  | 91    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.902 | 0.691 | 23.4  | 89    | 0.00     |
| 62   | 4-Nitroaniline             | 0.311 | 0.262 | 15.8  | 93    | 0.00     |
| 63   | Azobenzene                 | 1.259 | 1.005 | 20.2  | 93    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 116   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.111 | 0.094 | 15.3  | 93    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.524 | 0.428 | 18.3  | 92    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.263 | 0.207 | 21.3  | 89    | 0.00     |
| 68   | Hexachlorobenzene          | 0.318 | 0.249 | 21.7  | 90    | 0.00     |
| 69   | Atrazine                   | 0.253 | 0.209 | 17.4  | 95    | 0.00     |
| 70 C | Pentachlorophenol          | 0.157 | 0.133 | 15.3  | 96    | 0.00     |
| 71   | Phenanthrene               | 1.094 | 0.862 | 21.2  | 91    | 0.00     |
| 72   | Anthracene                 | 1.116 | 0.886 | 20.6  | 92    | 0.00     |
| 73   | Carbazole                  | 0.959 | 0.786 | 18.0  | 94    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.070 | 0.852 | 20.4  | 91    | 0.00     |
| 75 C | Fluoranthene               | 1.496 | 1.184 | 20.9# | 92    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 115   | 0.00     |
| 77   | Benzidine                  | 0.599 | 0.496 | 17.2  | 101   | 0.00     |
| 78   | Pyrene                     | 1.121 | 0.900 | 19.7  | 93    | 0.00     |
| 79 S | Terphenyl-d14              | 1.017 | 0.789 | 22.4  | 89    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.394 | 0.307 | 22.1  | 90    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.360 | 1.076 | 20.9  | 90    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.501 | 0.425 | 15.2  | 94    | 0.00     |
| 83   | Chrysene                   | 1.282 | 1.000 | 22.0  | 88    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.576 | 0.445 | 22.7  | 88    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 0.996 | 0.766 | 23.1# | 85    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 110   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.374 | 1.109 | 19.3  | 87    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.273 | 0.977 | 23.3  | 83    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.279 | 1.026 | 19.8  | 90    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.181 | 0.953 | 19.3  | 88    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.126 | 0.905 | 19.6  | 86    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.083 | 0.860 | 20.6  | 86    | -0.01    |

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

(#) = Out of Range

SPCC's out = 0 CCC's out = 4