

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                    | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|--------|--------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 20.000 | 20.000 | 0.0   | 111   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 31.527 | 21.2  | 83    | 0.00     |
| 3    | Pyridine                    | 40.000 | 29.291 | 26.8# | 79    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 32.525 | 18.7  | 89    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 63.167 | 21.0  | 86    | 0.00     |
| 6    | Aniline                     | 40.000 | 34.106 | 14.7  | 92    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 64.502 | 19.4  | 87    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 32.779 | 18.1  | 88    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 35.196 | 12.0  | 95    | 0.00     |
| 10 C | Phenol                      | 40.000 | 32.974 | 17.6  | 89    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 32.532 | 18.7  | 87    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 33.672 | 15.8  | 91    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 32.901 | 17.7  | 90    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 33.934 | 15.2  | 92    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 34.561 | 13.6  | 92    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 31.833 | 20.4  | 87    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 32.149 | 19.6  | 86    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 31.370 | 21.6  | 87    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 34.287 | 14.3  | 90    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 32.235 | 19.4  | 88    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 111   | 0.00     |
| 22   | Acetophenone                | 40.000 | 33.774 | 15.6  | 91    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 61.930 | 22.6  | 84    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 33.162 | 17.1  | 91    | 0.00     |
| 25   | Isophorone                  | 40.000 | 32.368 | 19.1  | 90    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 33.507 | 16.2  | 88    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 31.650 | 20.9  | 87    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 32.150 | 19.6  | 89    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 33.040 | 17.4  | 88    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 33.988 | 15.0  | 94    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 31.383 | 21.5  | 86    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 30.681 | 23.3  | 88    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 33.639 | 15.9  | 90    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 31.513 | 21.2# | 87    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 32.854 | 17.9  | 93    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 32.195 | 19.5  | 89    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 28.612 | 28.5# | 80    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 30.038 | 24.9  | 84    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 114   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 31.686 | 20.8  | 90    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 30.647 | 23.4  | 87    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 64.162 | 19.8  | 92    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 32.039 | 19.9  | 89    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 31.528 | 21.2  | 88    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 59.990 | 25.0# | 86    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 32.265 | 19.3  | 92    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 31.173 | 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                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 33.514 | 16.2  | 93    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 31.779 | 20.6  | 91    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 31.689 | 20.8  | 92    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 33.291 | 16.8  | 94    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 31.693 | 20.8# | 90    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 33.908 | 15.2  | 95    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 32.871 | 17.8  | 95    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 31.341 | 21.6  | 91    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 33.387 | 16.5  | 94    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 33.468 | 16.3  | 94    | 0.00     |
| 58   | Fluorene                   | 40.000 | 31.633 | 20.9  | 92    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 34.475 | 13.8  | 99    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 31.411 | 21.5  | 91    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 30.654 | 23.4  | 89    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 33.761 | 15.6  | 93    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 31.929 | 20.2  | 93    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 116   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 33.928 | 15.2  | 93    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 32.679 | 18.3  | 92    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 31.573 | 21.1  | 89    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 31.349 | 21.6  | 90    | 0.00     |
| 69   | Atrazine                   | 40.000 | 33.110 | 17.2  | 95    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 32.137 | 19.7  | 96    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 31.516 | 21.2  | 91    | 0.00     |
| 72   | Anthracene                 | 40.000 | 31.775 | 20.6  | 92    | 0.00     |
| 73   | Carbazole                  | 40.000 | 32.779 | 18.1  | 94    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 31.841 | 20.4  | 91    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 31.649 | 20.9# | 92    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 115   | 0.00     |
| 77   | Benzidine                  | 40.000 | 33.151 | 17.1  | 101   | 0.00     |
| 78   | Pyrene                     | 40.000 | 32.115 | 19.7  | 93    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 62.068 | 22.4  | 89    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 31.103 | 22.2  | 90    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 31.660 | 20.8  | 90    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 33.973 | 15.1  | 94    | 0.00     |
| 83   | Chrysene                   | 40.000 | 31.200 | 22.0  | 88    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 30.914 | 22.7  | 88    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 30.757 | 23.1# | 85    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 110   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 32.293 | 19.3  | 87    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 30.693 | 23.3  | 83    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 32.097 | 19.8  | 90    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 32.301 | 19.2  | 88    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 32.155 | 19.6  | 86    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 31.749 | 20.6  | 86    | -0.01    |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
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(#) = Out of Range                      SPCC's out = 0    CCC's out = 4