

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070225\  
 Data File : BF142964.D  
 Acq On : 02 Jul 2025 11:41  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 02 12:31:08 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 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  | 70    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 35.951 | 10.1 | 66    | -0.02    |
| 3    | Pyridine                    | 40.000 | 36.607 | 8.5  | 67    | -0.02    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 37.370 | 6.6  | 69    | -0.02    |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.264 | 2.2  | 72    | 0.00     |
| 6    | Aniline                     | 40.000 | 38.399 | 4.0  | 70    | -0.01    |
| 7 S  | Phenol-d6                   | 80.000 | 77.015 | 3.7  | 72    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.633 | 3.4  | 71    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.363 | -3.4 | 81    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.801 | 3.0  | 71    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.094 | 4.8  | 70    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.362 | 1.6  | 73    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.838 | 2.9  | 71    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.750 | 3.1  | 71    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.888 | 0.3  | 74    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 36.334 | 9.2  | 67    | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 38.742 | 3.1  | 71    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.504 | 1.2  | 71    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.120 | 2.2  | 72    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.858 | 0.4  | 73    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 71    | -0.01    |
| 22   | Acetophenone                | 40.000 | 38.808 | 3.0  | 73    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 83.519 | -4.4 | 77    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.821 | 2.9  | 72    | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.611 | 3.5  | 73    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 39.896 | 0.3  | 72    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.663 | 3.3  | 72    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.695 | 3.3  | 72    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.979 | 2.6  | 72    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.253 | 1.9  | 73    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.685 | 3.3  | 72    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 35.216 | 12.0 | 64    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.223 | 1.9  | 74    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.233 | 1.9  | 72    | -0.01    |
| 35   | Caprolactam                 | 40.000 | 40.458 | -1.1 | 75    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.235 | 1.9  | 73    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.587 | 1.0  | 74    | -0.01    |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.278 | 1.8  | 74    | -0.01    |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 72    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.828 | 0.4  | 76    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 31.704 | 20.7 | 57    | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 79.070 | 1.2  | 73    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.549 | 3.6  | 73    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.640 | 3.4  | 72    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 83.974 | -5.0 | 80    | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.088 | 2.3  | 74    | -0.01    |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.477 | 3.8  | 73    | 0.00     |

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound                   | Amount | Calc.  | %Dev  | Area% | Dev(min) |
|------|----------------------------|--------|--------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 39.215 | 2.0   | 72    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.960 | 2.6   | 74    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.199 | 2.0   | 74    | -0.01    |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.921 | 0.2   | 74    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.023 | 2.4   | 73    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.037 | -0.1  | 75    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 34.414 | 14.0  | 62    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.685 | 3.3   | 73    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 45.854 | -14.6 | 85    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.544 | 1.1   | 73    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.391 | 1.5   | 75    | -0.01    |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.594 | 3.5   | 73    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.377 | -0.9  | 76    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.675 | 0.8   | 76    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.627 | -1.6  | 77    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.318 | 4.2   | 72    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 74    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 37.330 | 6.7   | 70    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.842 | 2.9   | 74    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.212 | 2.0   | 76    | -0.01    |
| 68   | Hexachlorobenzene          | 40.000 | 38.023 | 4.9   | 74    | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.917 | -4.8  | 80    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 35.684 | 10.8  | 66    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.308 | 4.2   | 74    | -0.01    |
| 72   | Anthracene                 | 40.000 | 38.570 | 3.6   | 75    | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.432 | 3.9   | 76    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.104 | -5.3  | 82    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.573 | 3.6   | 77    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 83    | 0.00     |
| 77   | Benzidine                  | 40.000 | 46.514 | -16.3 | 94    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.257 | -0.6  | 90    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 75.514 | 5.6   | 85    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.714 | -9.3  | 90    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.974 | 0.1   | 88    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.724 | 3.2   | 82    | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.312 | 6.7   | 80    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 43.293 | -8.2  | 87    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.616 | 1.0   | 83    | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 73    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 36.965 | 7.6   | 70    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 43.830 | -9.6  | 86    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.183 | 7.0   | 71    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.941 | 0.1   | 76    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 36.878 | 7.8   | 70    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 36.836 | 7.9   | 70    | 0.00     |

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

(#) = Out of Range

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