

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082025\  
 Data File : BF143516.D  
 Acq On : 21 Aug 2025 06:44  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Aug 21 07:07:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 21 06:12:21 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   | 100   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.266 | -0.7  | 99    | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.291 | -0.7  | 99    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.055 | -0.1  | 99    | -0.02    |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.639 | 1.7   | 99    | 0.00     |
| 6    | Aniline                     | 40.000 | 38.836 | 2.9   | 97    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.747 | 2.8   | 97    | -0.01    |
| 8    | 2-Chlorophenol              | 40.000 | 38.991 | 2.5   | 97    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 45.296 | -13.2 | 108   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.657 | 0.9   | 98    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.111 | 2.2   | 98    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.153 | 2.1   | 98    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.855 | 2.9   | 98    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.014 | 2.5   | 97    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.117 | -0.3  | 98    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.635 | 3.4   | 96    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.635 | 0.9   | 99    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.240 | 1.9   | 97    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.648 | 3.4   | 99    | -0.01    |
| 20   | 3+4-Methylphenols           | 40.000 | 39.557 | 1.1   | 98    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 98    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.094 | 2.3   | 99    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 80.138 | -0.2  | 98    | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 40.446 | -1.1  | 98    | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.006 | -0.0  | 99    | -0.01    |
| 26 C | 2-Nitrophenol               | 40.000 | 42.012 | -5.0  | 100   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.152 | 2.1   | 95    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.952 | 0.1   | 98    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.911 | 0.2   | 97    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.782 | 0.5   | 98    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.092 | 2.3   | 97    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.591 | 6.0   | 93    | -0.03    |
| 33   | 4-Chloroaniline             | 40.000 | 38.986 | 2.5   | 95    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.969 | 0.1   | 98    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.799 | -9.5  | 104   | -0.02    |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.394 | -1.0  | 99    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.808 | 3.0   | 96    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.685 | 3.3   | 96    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.505 | 1.2   | 97    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 33.894 | 15.3  | 81    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 77.956 | 2.6   | 94    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.825 | 0.4   | 94    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 40.163 | -0.4  | 98    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 76.887 | 3.9   | 98    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.879 | 2.8   | 96    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.061 | 2.3   | 96    | 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 | 40.640 | -1.6  | 96    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.059 | 2.4   | 96    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.583 | -1.5  | 99    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.159 | -2.9  | 96    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.011 | 5.0   | 93    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.678 | 0.8   | 94    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 28.170 | 29.6# | 66    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.919 | 2.7   | 96    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.203 | 4.5   | 87    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.880 | -2.2  | 94    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.288 | 4.3   | 95    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.017 | -0.0  | 94    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.355 | -3.4  | 100   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.987 | 2.5   | 96    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.506 | 1.2   | 93    | -0.01    |
| 63   | Azobenzene                 | 40.000 | 39.155 | 2.1   | 95    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 93    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 37.226 | 6.9   | 82    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.062 | -0.2  | 93    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.154 | -2.9  | 95    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.112 | -0.3  | 93    | 0.00     |
| 69   | Atrazine                   | 40.000 | 45.568 | -13.9 | 105   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 38.100 | 4.7   | 84    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.223 | 1.9   | 94    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.146 | 2.1   | 92    | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.707 | 3.2   | 91    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 44.721 | -11.8 | 101   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.338 | 6.7   | 88    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 98    | 0.00     |
| 77   | Benzydine                  | 40.000 | 39.014 | 2.5   | 90    | 0.00     |
| 78   | Pyrene                     | 40.000 | 35.848 | 10.4  | 89    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 73.802 | 7.7   | 92    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.715 | -9.3  | 103   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.789 | 3.0   | 93    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.571 | -6.4  | 103   | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.110 | -0.3  | 102   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.100 | -5.3  | 100   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.003 | -5.0  | 101   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 103   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.018 | 2.5   | 99    | -0.01    |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.852 | -2.1  | 109   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.893 | 5.3   | 96    | -0.01    |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.175 | -0.4  | 103   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 39.400 | 1.5   | 100   | -0.02    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 37.945 | 5.1   | 96    | -0.02    |

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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 = 0