

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081525\  
 Data File : BF143424.D  
 Acq On : 15 Aug 2025 18:57  
 Operator : RC/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF081525

Quant Time: Aug 15 19:18:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 15 18:57:34 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   | 95    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.659 | 0.9   | 92    | -0.02    |
| 3    | Pyridine                    | 40.000 | 40.863 | -2.2  | 95    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.523 | -1.3  | 95    | -0.01    |
| 5 S  | 2-Fluorophenol              | 80.000 | 80.281 | -0.4  | 96    | 0.00     |
| 6    | Aniline                     | 40.000 | 40.314 | -0.8  | 95    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 79.088 | 1.1   | 96    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.083 | -0.2  | 97    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 44.869 | -12.2 | 112   | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.546 | -1.4  | 96    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.305 | -0.8  | 97    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.722 | 0.7   | 96    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.650 | 0.9   | 96    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.612 | 1.0   | 96    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 41.098 | -2.7  | 97    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.909 | 0.2   | 97    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.471 | -1.2  | 97    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.268 | -0.7  | 97    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.451 | 1.4   | 97    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.773 | -1.9  | 97    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 97    | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.772 | 3.1   | 97    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 81.505 | -1.9  | 98    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.922 | -2.3  | 98    | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.058 | -0.1  | 99    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.777 | -6.9  | 100   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.609 | 1.0   | 98    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.801 | 0.5   | 98    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.367 | -0.9  | 98    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.142 | 2.1   | 97    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.375 | 1.6   | 96    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.403 | -3.5  | 101   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.630 | -1.6  | 98    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.224 | 1.9   | 95    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.330 | -5.8  | 104   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.997 | -2.5  | 100   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.196 | 2.0   | 97    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.623 | 0.9   | 99    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 99    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.145 | 2.1   | 99    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 40.416 | -1.0  | 104   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 83.344 | -4.2  | 104   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.774 | -1.9  | 99    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.305 | -3.3  | 101   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 76.538 | 4.3   | 100   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.081 | 2.3   | 99    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.058 | 2.4   | 99    | 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 | 42.141 | -5.4  | 103   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.677 | 0.8   | 100   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.394 | -1.0  | 103   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.842 | -9.6  | 106   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.115 | -0.3  | 103   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.062 | -7.7  | 103   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.967 | -4.9  | 115   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.033 | 2.4   | 99    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 44.464 | -11.2 | 106   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 44.386 | -11.0 | 108   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.070 | 2.3   | 102   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.424 | -8.6  | 102   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.514 | -1.3  | 104   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.533 | 1.2   | 101   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 43.604 | -9.0  | 106   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.143 | -0.4  | 102   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 105   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 45.779 | -14.4 | 116   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.734 | 3.2   | 103   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.547 | 1.1   | 104   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.923 | 2.7   | 105   | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.361 | -5.9  | 111   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.486 | -8.7  | 111   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.568 | 3.6   | 104   | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.935 | 2.7   | 105   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.480 | 1.3   | 107   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 42.379 | -5.9  | 115   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.770 | 0.6   | 113   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 103   | 0.00     |
| 77   | Benzydine                  | 40.000 | 47.400 | -18.5 | 122   | 0.00     |
| 78   | Pyrene                     | 40.000 | 43.363 | -8.4  | 115   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 85.853 | -7.3  | 115   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 44.739 | -11.8 | 108   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.874 | 0.3   | 104   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.390 | 1.5   | 96    | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.872 | -2.2  | 104   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.151 | -2.9  | 97    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.276 | 1.8   | 95    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 93    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.292 | -3.2  | 96    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.032 | -0.1  | 91    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.263 | -0.7  | 94    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.177 | -0.4  | 91    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.699 | -4.2  | 97    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.438 | -3.6  | 96    | 0.00     |

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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