

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042925\  
 Data File : BP024453.D  
 Acq On : 29 Apr 2025 10:30  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 29 11:27:55 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 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   | 82    | -0.01    |
| 2    | 1,4-Dioxane                 | 40.000 | 35.506 | 11.2  | 73    | 0.00     |
| 3    | Pyridine                    | 40.000 | 33.171 | 17.1  | 66    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 41.904 | -4.8  | 84    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 77.181 | 3.5   | 76    | -0.01    |
| 6    | Aniline                     | 40.000 | 35.136 | 12.2  | 67    | -0.01    |
| 7 S  | Phenol-d6                   | 80.000 | 71.704 | 10.4  | 70    | -0.01    |
| 8    | 2-Chlorophenol              | 40.000 | 37.857 | 5.4   | 75    | -0.01    |
| 9    | Benzaldehyde                | 40.000 | 41.221 | -3.1  | 83    | -0.01    |
| 10 C | Phenol                      | 40.000 | 35.241 | 11.9  | 69    | -0.01    |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 34.007 | 15.0  | 67    | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.316 | 4.2   | 77    | -0.01    |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.421 | 3.9   | 78    | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 37.747 | 5.6   | 76    | -0.01    |
| 15   | Benzyl Alcohol              | 40.000 | 38.660 | 3.4   | 73    | -0.01    |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 33.727 | 15.7  | 66    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 37.105 | 7.2   | 72    | -0.01    |
| 18   | Hexachloroethane            | 40.000 | 39.119 | 2.2   | 79    | -0.01    |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 33.826 | 15.4  | 66    | -0.01    |
| 20   | 3+4-Methylphenols           | 40.000 | 36.673 | 8.3   | 70    | -0.01    |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 75    | -0.01    |
| 22   | Acetophenone                | 40.000 | 38.370 | 4.1   | 69    | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 78.919 | 1.4   | 71    | -0.01    |
| 24   | Nitrobenzene                | 40.000 | 38.606 | 3.5   | 69    | 0.00     |
| 25   | Isophorone                  | 40.000 | 36.798 | 8.0   | 65    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.903 | -9.8  | 77    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.166 | 2.1   | 70    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 35.944 | 10.1  | 64    | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.177 | -2.9  | 73    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.504 | -3.8  | 76    | -0.01    |
| 31   | Naphthalene                 | 40.000 | 38.449 | 3.9   | 71    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 39.004 | 2.5   | 75    | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 38.287 | 4.3   | 67    | -0.01    |
| 34 C | Hexachlorobutadiene         | 40.000 | 44.684 | -11.7 | 82    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 34.921 | 12.7  | 63    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.756 | 3.1   | 69    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.983 | 5.0   | 69    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.792 | 5.5   | 69    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 72    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 42.960 | -7.4  | 74    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 43.281 | -8.2  | 69    | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 87.196 | -9.0  | 75    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.775 | -6.9  | 72    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.695 | -4.2  | 71    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 81.864 | -2.3  | 70    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.512 | 1.2   | 68    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.260 | -0.6  | 70    | 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 | 39.912 | 0.2    | 67    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.023 | 2.4    | 67    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.905 | 5.2    | 66    | -0.01    |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.307 | 1.7    | 67    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.429 | 3.9    | 67    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 37.491 | 6.3    | 62    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 36.778 | 8.1    | 65    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.561 | 6.1    | 66    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 36.452 | 8.9    | 60    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.428 | 1.4    | 67    | 0.00     |
| 58   | Fluorene                   | 40.000 | 37.943 | 5.1    | 68    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.945 | 0.1    | 69    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 37.472 | 6.3    | 65    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.720 | 0.7    | 71    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 36.254 | 9.4    | 61    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 35.504 | 11.2   | 61    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 67    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 40.235 | -0.6   | 64    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.906 | -2.3   | 65    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 43.731 | -9.3   | 69    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 44.277 | -10.7  | 71    | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.126 | 4.7    | 80    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.377 | -8.4   | 67    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.679 | 3.3    | 62    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.649 | 0.9    | 62    | 0.00     |
| 73   | Carbazole                  | 40.000 | 37.507 | 6.2    | 59    | 0.01     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.704 | 0.7    | 61    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 37.226 | 6.9    | 60    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 61    | 0.01     |
| 77   | Benzydine                  | 40.000 | 54.525 | -36.3# | 48    | 0.01     |
| 78   | Pyrene                     | 40.000 | 40.456 | -1.1   | 60    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 84.717 | -5.9   | 62    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 41.575 | -3.9   | 58    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.420 | 1.4    | 58    | 0.02     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 43.014 | -7.5   | 59    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.912 | 2.7    | 58    | 0.01     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.644 | -1.6   | 55    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 43.304 | -8.3   | 59    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 66    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.988 | -2.5   | 65    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.307 | 4.2    | 60    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.262 | 4.3    | 60    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.807 | 3.0    | 60    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.881 | -2.2   | 64    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.574 | -1.4   | 64    | 0.02     |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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