

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050824\  
 Data File : BF137850.D  
 Acq On : 08 May 2024 12:00  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: May 08 13:17:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:25:08 2024  
 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    | 92    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.852  | -2.1   | 96    | 0.00     |
| 3    | Pyridine                    | 40.000 | 35.210  | 12.0   | 82    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.287  | 4.3    | 90    | 0.01     |
| 5 S  | 2-Fluorophenol              | 80.000 | 100.129 | -25.2# | 119   | 0.00     |
| 6    | Aniline                     | 40.000 | 37.939  | 5.2    | 88    | 0.01     |
| 7 S  | Phenol-d6                   | 80.000 | 101.238 | -26.5# | 120   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 37.692  | 5.8    | 89    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 38.828  | 2.9    | 94    | 0.00     |
| 10 C | Phenol                      | 40.000 | 36.508  | 8.7    | 86    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.009  | 5.0    | 90    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.671  | 3.3    | 91    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.169  | 2.1    | 92    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.234  | 4.4    | 90    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.687  | -1.7   | 93    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 34.156  | 14.6   | 80    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.624  | 0.9    | 93    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.134  | -2.8   | 95    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.413  | 6.5    | 88    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 37.923  | 5.2    | 88    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000  | 0.0    | 93    | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.304  | 4.2    | 90    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 78.519  | 1.9    | 91    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.895  | 2.8    | 90    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.842  | 0.4    | 94    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 44.885  | -12.2  | 98    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.781  | 3.0    | 91    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.576  | 3.6    | 91    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.223  | -0.6   | 93    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.850  | 0.4    | 93    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.453  | 3.9    | 91    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 42.609  | -6.5   | 97    | 0.02     |
| 33   | 4-Chloroaniline             | 40.000 | 37.681  | 5.8    | 88    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.894  | -4.7   | 98    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.695  | 3.3    | 90    | 0.01     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.100  | -0.3   | 93    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.904  | 2.7    | 92    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.789  | 3.0    | 91    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000  | 0.0    | 93    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.811  | 0.5    | 94    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 43.668  | -9.2   | 98    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 114.938 | -43.7# | 136   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.320  | 1.7    | 91    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.320  | 1.7    | 91    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.183  | 3.5    | 93    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.022  | 2.4    | 93    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.113  | 2.2    | 93    | 0.00     |

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Instrument :  
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 LabSampleId :  
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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 | 39.584 | 1.0    | 90    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.503 | 3.7    | 91    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.150 | -0.4   | 95    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.380 | -3.5   | 95    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.246 | 1.9    | 93    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 37.473 | 6.3    | 86    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 44.902 | -12.3  | 102   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.187 | 4.5    | 91    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 36.397 | 9.0    | 83    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.745 | -4.4   | 95    | 0.00     |
| 58   | Fluorene                   | 40.000 | 37.896 | 5.3    | 90    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.334 | 4.2    | 89    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.507 | -1.3   | 97    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.046 | 2.4    | 93    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 37.378 | 6.6    | 86    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 37.665 | 5.8    | 89    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 91    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 44.513 | -11.3  | 98    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.507 | 1.2    | 91    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.430 | -3.6   | 95    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.783 | -2.0   | 94    | 0.00     |
| 69   | Atrazine                   | 40.000 | 35.444 | 11.4   | 82    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 38.035 | 4.9    | 84    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.107 | 4.7    | 89    | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.178 | 4.6    | 89    | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.848 | 7.9    | 86    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.240 | -3.1   | 96    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.155 | 9.6    | 85    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 73    | 0.00     |
| 77   | Benzydine                  | 40.000 | 23.082 | 42.3#  | 36    | 0.00     |
| 78   | Pyrene                     | 40.000 | 44.063 | -10.2  | 81    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 91.695 | -14.6  | 87    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 50.502 | -26.3# | 89    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.742 | 0.6    | 74    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.629 | 3.4    | 73    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.741 | 0.6    | 75    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 51.914 | -29.8# | 96    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 53.641 | -34.1# | 100   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 89    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 44.935 | -12.3  | 101   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.420 | 3.9    | 87    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 36.977 | 7.6    | 82    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.727 | 0.7    | 90    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 45.497 | -13.7  | 102   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 43.481 | -8.7   | 96    | 0.00     |

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

(#) = Out of Range

SPCC's out = 0 CCC's out = 1