

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092723\  
 Data File : BF135465.D  
 Acq On : 27 Sep 2023 11:02  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 28 01:37:42 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 26 01:36:36 2023  
 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   | 166   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 45.159 | -12.9 | 188   | 0.00     |
| 3    | Pyridine                    | 40.000 | 46.467 | -16.2 | 188   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 42.519 | -6.3  | 172   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.818 | 0.2   | 166   | 0.00     |
| 6    | Aniline                     | 40.000 | 38.728 | 3.2   | 160   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.850 | 1.4   | 163   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.853 | 0.4   | 164   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 41.031 | -2.6  | 174   | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.286 | 4.3   | 158   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 41.811 | -4.5  | 172   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.122 | 2.2   | 162   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.829 | 2.9   | 162   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 37.666 | 5.8   | 159   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 35.484 | 11.3  | 146   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.063 | -0.2  | 164   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.048 | -0.1  | 164   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.281 | 1.8   | 162   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 36.544 | 8.6   | 154   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.028 | 4.9   | 161   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 165   | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.103 | 7.2   | 157   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 77.274 | 3.4   | 160   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.679 | 0.8   | 163   | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.039 | -0.1  | 167   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.459 | -1.1  | 166   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.995 | 0.0   | 168   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.133 | -2.8  | 174   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.765 | 3.1   | 161   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.888 | 5.3   | 158   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.242 | 4.4   | 160   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 34.996 | 12.5  | 138   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 38.969 | 2.6   | 163   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 35.759 | 10.6  | 150   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 41.996 | -5.0  | 175   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.849 | 2.9   | 161   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 36.729 | 8.2   | 156   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 36.601 | 8.5   | 155   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 163   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.579 | 6.1   | 153   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.730 | 3.2   | 163   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 64.901 | 18.9  | 134   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 37.652 | 5.9   | 153   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 37.709 | 5.7   | 152   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 68.178 | 14.8  | 144   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.621 | 5.9   | 154   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.875 | 5.3   | 157   | 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 | 40.434 | -1.1   | 164   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 36.826 | 7.9    | 151   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.045 | 4.9    | 160   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 38.334 | 4.2    | 157   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.084 | 4.8    | 159   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.287 | -0.7   | 164   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 32.861 | 17.8   | 135   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 35.194 | 12.0   | 147   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 32.798 | 18.0   | 128   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 35.229 | 11.9   | 141   | 0.00     |
| 58   | Fluorene                   | 40.000 | 36.521 | 8.7    | 153   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 35.707 | 10.7   | 147   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 37.385 | 6.5    | 154   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 35.717 | 10.7   | 151   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 37.795 | 5.5    | 152   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.091 | -0.2   | 166   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 155   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 37.593 | 6.0    | 147   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.430 | 3.9    | 155   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 37.873 | 5.3    | 153   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 36.459 | 8.9    | 146   | 0.00     |
| 69   | Atrazine                   | 40.000 | 36.247 | 9.4    | 146   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 34.901 | 12.7   | 129   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 37.211 | 7.0    | 148   | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.121 | 4.7    | 153   | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.753 | 3.1    | 154   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.455 | 1.4    | 156   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.967 | 7.6    | 147   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 140   | 0.00     |
| 77   | Benzydine                  | 40.000 | 40.517 | -1.3   | 158   | 0.00     |
| 78   | Pyrene                     | 40.000 | 42.052 | -5.1   | 148   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 76.949 | 3.8    | 138   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 46.673 | -16.7  | 159   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.911 | 0.2    | 142   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.061 | -0.2   | 140   | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.107 | -0.3   | 143   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 51.687 | -29.2# | 179   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 45.745 | -14.4  | 156   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 137   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 42.239 | -5.6   | 137   | 0.02     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 37.354 | 6.6    | 128   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.112 | 4.7    | 132   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.915 | 0.2    | 134   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.579 | -3.9   | 137   | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 42.846 | -7.1   | 139   | 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