

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091922\  
 Data File : BP011736.D  
 Acq On : 19 Sep 2022 15:31  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 20 04:40:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 14 19:12:50 2022  
 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    | 135   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.207  | 4.5    | 134   | 0.00     |
| 3    | Pyridine                    | 40.000 | 38.306  | 4.2    | 131   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.719  | 0.7    | 137   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.768  | 0.3    | 137   | 0.00     |
| 6    | Aniline                     | 40.000 | 38.207  | 4.5    | 129   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 78.577  | 1.8    | 133   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.220  | 2.0    | 133   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.619  | 8.5    | 130   | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.678  | 3.3    | 131   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.686  | 5.8    | 129   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.394  | 1.5    | 136   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.315  | 1.7    | 135   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.257  | 1.9    | 135   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.550  | 3.6    | 130   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.236  | 4.4    | 131   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.765  | 3.1    | 131   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.529  | 1.2    | 135   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 37.531  | 6.2    | 125   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.042  | 2.4    | 131   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000  | 0.0    | 132   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.279  | 1.8    | 130   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 78.917  | 1.4    | 129   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.135  | 2.2    | 129   | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.936  | 2.7    | 126   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 36.551  | 8.6    | 127   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.438  | -1.1   | 130   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.472  | 3.8    | 127   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.006  | -5.0   | 136   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.598  | -4.0   | 139   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.363  | 1.6    | 131   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 34.644  | 13.4   | 119   | 0.02     |
| 33   | 4-Chloroaniline             | 40.000 | 40.043  | -0.1   | 131   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 43.740  | -9.4   | 146   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 38.265  | 4.3    | 124   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.511  | 1.2    | 128   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.940  | 0.2    | 132   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.584  | 1.0    | 131   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000  | 0.0    | 133   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.970  | -4.9   | 141   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 43.569  | -8.9   | 143   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 103.775 | -29.7# | 169   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.358  | -5.9   | 138   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.205  | -5.5   | 139   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 81.162  | -1.5   | 136   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.299  | 1.8    | 132   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.690  | 0.8    | 133   | 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 | 39.805 | 0.5   | 126   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.145 | -0.4  | 132   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.645 | 0.9   | 132   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 41.194 | -3.0  | 132   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.478 | 1.3   | 131   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 37.942 | 5.1   | 130   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 35.855 | 10.4  | 127   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.979 | 0.1   | 134   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.109 | 2.2   | 128   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 38.307 | 4.2   | 133   | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.979 | -2.4  | 135   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.703 | -9.3  | 144   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.470 | 1.3   | 131   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 41.949 | -4.9  | 140   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 38.680 | 3.3   | 133   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.831 | 2.9   | 125   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 138   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 36.093 | 9.8   | 131   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.127 | 2.2   | 133   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 42.692 | -6.7  | 147   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 44.802 | -12.0 | 156   | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.915 | 0.2   | 134   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.755 | -9.4  | 151   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.349 | 1.6   | 136   | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.891 | 0.3   | 135   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.854 | 0.4   | 135   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.025 | 2.4   | 129   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.460 | -3.7  | 141   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 151   | 0.00     |
| 77   | Benzydine                  | 40.000 | 37.245 | 6.9   | 121   | 0.00     |
| 78   | Pyrene                     | 40.000 | 37.783 | 5.5   | 142   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 78.846 | 1.4   | 147   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 36.683 | 8.3   | 132   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.492 | 1.3   | 149   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.570 | -6.4  | 153   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.193 | 2.0   | 148   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 37.414 | 6.5   | 131   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 36.196 | 9.5   | 133   | 0.01     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 160   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 43.128 | -7.8  | 170   | 0.02     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.904 | 0.2   | 157   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.874 | 0.3   | 158   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.505 | -1.3  | 159   | 0.01     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 43.260 | -8.1  | 171   | 0.02     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 42.642 | -6.6  | 169   | 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