

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF040422\  
 Data File : BF127630.D  
 Acq On : 04 Apr 2022 10:48  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 04 16:24:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 29 07:13:31 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   | 123   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 47.216 | -18.0 | 158   | -0.02    |
| 3    | Pyridine                    | 40.000 | 40.448 | -1.1  | 125   | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.532 | -1.3  | 127   | -0.01    |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.806 | 0.2   | 126   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.385 | 1.5   | 122   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.442 | 3.2   | 122   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.183 | -0.5  | 125   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.754 | -1.9  | 122   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.444 | 1.4   | 122   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 41.202 | -3.0  | 129   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.976 | 5.1   | 120   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.589 | 3.5   | 121   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 35.920 | 10.2  | 119   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.716 | 5.7   | 116   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.907 | 0.2   | 124   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.751 | 3.1   | 122   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.515 | 1.2   | 125   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.706 | 3.2   | 124   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.083 | 2.3   | 124   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 123   | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.871 | 5.3   | 122   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 76.433 | 4.5   | 121   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.395 | -1.0  | 126   | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.843 | -4.6  | 129   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.244 | -0.6  | 125   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.374 | -0.9  | 124   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.548 | -3.9  | 131   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.222 | -0.6  | 125   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.773 | 5.6   | 120   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.682 | 3.3   | 122   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.743 | 5.6   | 117   | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 40.735 | -1.8  | 128   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 37.197 | 7.0   | 117   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.890 | -9.7  | 132   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.697 | 0.8   | 124   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.621 | 0.9   | 125   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.925 | 5.2   | 121   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 121   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.922 | 5.2   | 120   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 33.694 | 15.8  | 99    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 74.260 | 7.2   | 118   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.322 | 1.7   | 121   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.319 | 1.7   | 116   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 72.683 | 9.1   | 118   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.069 | 4.8   | 122   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.209 | 4.5   | 121   | 0.00     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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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 | 41.322 | -3.3   | 129   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 37.132 | 7.2    | 116   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.620 | 1.0    | 125   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.545 | 1.1    | 124   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.005 | 2.5    | 121   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.327 | -3.3   | 129   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 34.856 | 12.9   | 105   | 0.01     |
| 55   | Dibenzofuran               | 40.000 | 39.579 | 1.1    | 117   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 44.342 | -10.9  | 127   | 0.01     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 37.268 | 6.8    | 117   | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.168 | -0.4   | 123   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.234 | 4.4    | 122   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.229 | -0.6   | 129   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.252 | 6.9    | 125   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.188 | -5.5   | 134   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.186 | -0.5   | 128   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 122   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.860 | -4.6   | 123   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.667 | 3.3    | 123   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.427 | 3.9    | 121   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.128 | 4.7    | 121   | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.176 | 2.1    | 119   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 35.071 | 12.3   | 105   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.803 | 3.0    | 124   | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.881 | 2.8    | 124   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.649 | 0.9    | 126   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 43.359 | -8.4   | 136   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.235 | -0.6   | 127   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 145   | 0.00     |
| 77   | Benzydine                  | 40.000 | 39.006 | 2.5    | 157   | 0.00     |
| 78   | Pyrene                     | 40.000 | 33.827 | 15.4   | 129   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 67.154 | 16.1   | 128   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.960 | -2.4   | 148   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.706 | 5.7    | 141   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 38.795 | 3.0    | 146   | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.531 | 3.7    | 144   | 0.01     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 44.138 | -10.3  | 159   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 56.386 | -41.0# | 204   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 156   | 0.01     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 30.549 | 23.6   | 113   | 0.02     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.420 | -6.1   | 165   | 0.01     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.140 | 4.6    | 162   | 0.01     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.357 | -0.9   | 160   | 0.01     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 31.279 | 21.8   | 115   | 0.02     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 29.527 | 26.2#  | 109   | 0.03     |

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

(#) = Out of Range

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