

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012023\  
 Data File : BF132183.D  
 Acq On : 21 Jan 2023 03:05  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 21 04:00:12 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 20 00:50:42 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   | 124   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 42.096 | -5.2  | 130   | 0.01     |
| 3    | Pyridine                    | 40.000 | 42.549 | -6.4  | 131   | 0.01     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 42.924 | -7.3  | 133   | 0.02     |
| 5 S  | 2-Fluorophenol              | 80.000 | 80.566 | -0.7  | 128   | 0.00     |
| 6    | Aniline                     | 40.000 | 39.666 | 0.8   | 126   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 80.096 | -0.1  | 127   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.719 | 0.7   | 125   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.682 | -1.7  | 129   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.678 | 0.8   | 125   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.372 | 4.1   | 122   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.855 | 2.9   | 123   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.397 | 1.5   | 124   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.244 | 4.4   | 122   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 41.969 | -4.9  | 129   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.725 | 5.7   | 119   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.589 | -1.5  | 127   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.908 | -2.3  | 125   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.271 | 4.3   | 123   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.961 | 0.1   | 124   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 125   | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.585 | 6.0   | 122   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 83.526 | -4.4  | 128   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.823 | -2.1  | 125   | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.412 | 1.5   | 126   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 47.906 | -19.8 | 153   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.175 | -0.4  | 124   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 37.268 | 6.8   | 119   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.047 | -2.6  | 125   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.663 | 3.3   | 122   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.334 | 4.2   | 123   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 47.626 | -19.1 | 168   | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 39.928 | 0.2   | 125   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.135 | 2.2   | 124   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 45.855 | -14.6 | 136   | 0.01     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.706 | -4.3  | 128   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.800 | 5.5   | 122   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.014 | 5.0   | 122   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 127   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.039 | 4.9   | 123   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 42.236 | -5.6  | 130   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 89.980 | -12.5 | 138   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.199 | -3.0  | 126   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.733 | -4.3  | 128   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 69.353 | 13.3  | 120   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.920 | 7.7   | 120   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.045 | 4.9   | 123   | 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 | 43.963 | -9.9   | 142   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.346 | 4.1    | 124   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.883 | 0.3    | 128   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 46.308 | -15.8  | 137   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.153 | 2.1    | 128   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 47.917 | -19.8  | 142   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 51.577 | -28.9# | 185   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.393 | 4.0    | 125   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 48.931 | -22.3  | 146   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 51.140 | -27.9# | 154   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.363 | 4.1    | 127   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 43.697 | -9.2   | 131   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.203 | -0.5   | 127   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 38.221 | 4.4    | 124   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 48.046 | -20.1  | 151   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.995 | 2.5    | 126   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 135   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 46.545 | -16.4  | 182   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 36.162 | 9.6    | 127   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 36.708 | 8.2    | 128   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 37.722 | 5.7    | 131   | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.121 | -2.8   | 139   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 44.828 | -12.1  | 146   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 37.056 | 7.4    | 132   | 0.00     |
| 72   | Anthracene                 | 40.000 | 37.357 | 6.6    | 133   | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.791 | 3.0    | 137   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.208 | -0.5   | 139   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.708 | 0.7    | 144   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 138   | 0.00     |
| 77   | Benzidine                  | 40.000 | 45.090 | -12.7  | 137   | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.275 | -3.2   | 142   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 79.584 | 0.5    | 142   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 44.724 | -11.8  | 159   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.741 | 0.6    | 140   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.607 | -6.5   | 139   | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.457 | 3.9    | 136   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.584 | -1.5   | 145   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.211 | 2.0    | 138   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 133   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 38.100 | 4.7    | 126   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.593 | -4.0   | 137   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 36.695 | 8.3    | 125   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.424 | -1.1   | 132   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.522 | -1.3   | 123   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 37.765 | 5.6    | 125   | 0.00     |

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Max. RRF Dev : 25% Max. Rel. Area : 150%

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

(#) = Out of Range

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