

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021023\  
 Data File : BG056604.D  
 Acq On : 10 Feb 2023 12:12  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Feb 10 22:48:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 10 22:46:08 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   | 86    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.795 | 5.5   | 83    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.938 | 0.2   | 84    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 37.796 | 5.5   | 81    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.047 | 1.2   | 85    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.598 | 1.0   | 84    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 80.724 | -0.9  | 86    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.811 | 3.0   | 83    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 35.905 | 10.2  | 82    | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.058 | -0.1  | 86    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.966 | 2.6   | 83    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.582 | 3.5   | 85    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.393 | 4.0   | 84    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.124 | 2.2   | 84    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.857 | 5.4   | 78    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.740 | -1.9  | 85    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 41.103 | -2.8  | 87    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 37.935 | 5.2   | 82    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 40.453 | -1.1  | 84    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.995 | 0.0   | 83    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 87    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.296 | -0.7  | 86    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 78.287 | 2.1   | 84    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.605 | 1.0   | 85    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.439 | 1.4   | 83    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.482 | -1.2  | 85    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.434 | -1.1  | 86    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.247 | 1.9   | 84    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.249 | -0.6  | 84    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.334 | 1.7   | 83    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.510 | 1.2   | 84    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 29.387 | 26.5# | 61    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 40.378 | -0.9  | 84    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.007 | 2.5   | 84    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.441 | 1.4   | 82    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.496 | -3.7  | 87    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.019 | -0.0  | 85    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.995 | 0.0   | 85    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 87    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.130 | 4.7   | 83    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 34.721 | 13.2  | 77    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 76.901 | 3.9   | 83    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.539 | 3.7   | 82    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 37.539 | 6.2   | 82    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.322 | 3.3   | 85    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.857 | 2.9   | 84    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.770 | 3.1   | 85    | 0.00     |

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

|      | Compound                   | Amount | Calc.  | %Dev | Area% | Dev(min) |
|------|----------------------------|--------|--------|------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 41.027 | -2.6 | 87    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.873 | 0.3  | 86    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.154 | 2.1  | 85    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.430 | 1.4  | 86    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.350 | 1.6  | 85    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.327 | -0.8 | 86    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 35.513 | 11.2 | 73    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.509 | 1.2  | 85    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 38.911 | 2.7  | 81    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.891 | 0.3  | 85    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.678 | 0.8  | 86    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 37.391 | 6.5  | 78    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.048 | 2.4  | 85    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.646 | 0.9  | 86    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.736 | -1.8 | 88    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.624 | 0.9  | 85    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 88    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 35.801 | 10.5 | 75    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.745 | 0.6  | 86    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.820 | 0.4  | 85    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.062 | -0.2 | 86    | 0.00     |
| 69   | Atrazine                   | 40.000 | 37.815 | 5.5  | 80    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 32.869 | 17.8 | 68    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.366 | 1.6  | 85    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.348 | 1.6  | 85    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.446 | 1.4  | 86    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 39.672 | 0.8  | 87    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.948 | 2.6  | 85    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 87    | 0.00     |
| 77   | Benzydine                  | 40.000 | 42.158 | -5.4 | 90    | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.796 | 0.5  | 86    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 78.597 | 1.8  | 85    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.563 | -1.4 | 87    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.921 | 0.2  | 85    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.927 | 0.2  | 85    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.785 | 0.5  | 86    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 39.665 | 0.8  | 85    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 40.203 | -0.5 | 86    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 87    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.759 | 0.6  | 85    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.876 | 0.3  | 85    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.280 | 1.8  | 85    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.790 | 0.5  | 86    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.069 | -0.2 | 86    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.019 | -0.0 | 86    | 0.00     |

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|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

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