

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041221\  
 Data File : BG048660.D  
 Acq On : 12 Apr 2021 11:48  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 12 12:39:09 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 07 10:06:00 2021  
 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   | 181   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 38.813 | 3.0   | 190   | 0.00     |
| 3    | Pyridine                    | 40.000 | 44.685 | -11.7 | 194   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 34.282 | 14.3  | 158   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 86.197 | -7.7  | 195   | 0.00     |
| 6    | Aniline                     | 40.000 | 40.687 | -1.7  | 191   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 82.459 | -3.1  | 188   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 43.150 | -7.9  | 201   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.988 | 7.5   | 162   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.274 | -3.2  | 193   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 41.566 | -3.9  | 190   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 42.362 | -5.9  | 195   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.995 | -5.0  | 195   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 41.230 | -3.1  | 191   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.570 | -1.4  | 181   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.172 | 4.6   | 168   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.046 | -0.1  | 183   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.688 | -4.2  | 183   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.527 | 3.7   | 178   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.143 | -2.9  | 188   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 189   | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.545 | -1.4  | 190   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 76.130 | 4.8   | 172   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.053 | 2.4   | 179   | 0.00     |
| 25   | Isophorone                  | 40.000 | 38.598 | 3.5   | 177   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.093 | -2.7  | 201   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.271 | 1.8   | 182   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.249 | -0.6  | 187   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.678 | -1.7  | 189   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.412 | 1.5   | 186   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.196 | 2.0   | 183   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 34.364 | 14.1  | 168   | 0.02     |
| 33   | 4-Chloroaniline             | 40.000 | 38.825 | 2.9   | 179   | 0.01     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.570 | -1.4  | 186   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.284 | -0.7  | 179   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.341 | 1.6   | 185   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.120 | 2.2   | 179   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.108 | 4.7   | 180   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 176   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 42.681 | -6.7  | 187   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 37.241 | 6.9   | 158   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 87.481 | -9.4  | 191   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.205 | -3.0  | 174   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.389 | -3.5  | 175   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 80.328 | -0.4  | 177   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.946 | 0.1   | 178   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.109 | -2.8  | 181   | 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 | 38.083 | 4.8   | 169   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.372 | -3.4  | 183   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.059 | -2.6  | 183   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.325 | -5.8  | 181   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 37.101 | 7.2   | 162   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.448 | -3.6  | 181   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 44.240 | -10.6 | 180   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.847 | 0.4   | 178   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 39.814 | 0.5   | 170   | 0.01     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 45.007 | -12.5 | 191   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.724 | 0.7   | 178   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.866 | -7.2  | 185   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.685 | -4.2  | 180   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 41.175 | -2.9  | 178   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.629 | -4.1  | 186   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 36.736 | 8.2   | 160   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 176   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 49.479 | -23.7 | 211   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.727 | 0.7   | 178   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.444 | -3.6  | 184   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 42.005 | -5.0  | 191   | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.195 | -5.5  | 192   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.554 | -3.9  | 176   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.239 | -0.6  | 180   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.315 | -0.8  | 180   | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.471 | -1.2  | 180   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.613 | -4.0  | 184   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.387 | -3.5  | 183   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 189   | 0.00     |
| 77   | Benzydine                  | 40.000 | 37.767 | 5.6   | 174   | 0.00     |
| 78   | Pyrene                     | 40.000 | 39.268 | 1.8   | 183   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 77.409 | 3.2   | 180   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 40.912 | -2.3  | 182   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.967 | 2.6   | 183   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 36.544 | 8.6   | 172   | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.095 | 2.3   | 180   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.154 | -2.9  | 187   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.986 | 2.5   | 181   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 181   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 38.863 | 2.8   | 174   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.949 | -4.9  | 184   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.310 | -0.8  | 182   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.126 | -2.8  | 183   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 36.442 | 8.9   | 164   | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 35.272 | 11.8  | 159   | 0.01     |

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

(#) = Out of Range                      SPCC's out = 0    CCC's out = 0