

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021422\  
 Data File : BP009131.D  
 Acq On : 14 Feb 2022 13:00  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Feb 14 13:30:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 07 15:13:17 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  | 119   | -0.01    |
| 2    | 1,4-Dioxane                 | 40.000 | 39.055 | 2.4  | 119   | -0.01    |
| 3    | Pyridine                    | 40.000 | 39.433 | 1.4  | 118   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 38.661 | 3.3  | 111   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 76.298 | 4.6  | 116   | 0.00     |
| 6    | Aniline                     | 40.000 | 37.783 | 5.5  | 117   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.962 | 2.5  | 120   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.276 | 4.3  | 119   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.823 | 7.9  | 117   | -0.01    |
| 10 C | Phenol                      | 40.000 | 38.579 | 3.6  | 118   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 39.428 | 1.4  | 123   | -0.01    |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 37.598 | 6.0  | 117   | -0.01    |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 37.151 | 7.1  | 115   | -0.01    |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 36.955 | 7.6  | 115   | -0.01    |
| 15   | Benzyl Alcohol              | 40.000 | 43.802 | -9.5 | 133   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.750 | 5.6  | 120   | -0.01    |
| 17   | 2-Methylphenol              | 40.000 | 39.170 | 2.1  | 122   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.421 | 3.9  | 120   | -0.01    |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 42.105 | -5.3 | 132   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.185 | -0.5 | 124   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 133   | -0.01    |
| 22   | Acetophenone                | 40.000 | 37.761 | 5.6  | 125   | -0.01    |
| 23 S | Nitrobenzene-d5             | 80.000 | 74.605 | 6.7  | 124   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 36.541 | 8.6  | 122   | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.659 | 0.9  | 138   | -0.01    |
| 26 C | 2-Nitrophenol               | 40.000 | 40.916 | -2.3 | 134   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.336 | 4.2  | 129   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.637 | 3.4  | 133   | -0.01    |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.422 | 1.4  | 131   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.334 | 6.7  | 127   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 35.840 | 10.4 | 122   | -0.01    |
| 32   | Benzoic acid                | 40.000 | 41.668 | -4.2 | 151   | 0.04     |
| 33   | 4-Chloroaniline             | 40.000 | 38.242 | 4.4  | 130   | -0.01    |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.854 | 2.9  | 132   | -0.01    |
| 35   | Caprolactam                 | 40.000 | 43.384 | -8.5 | 158   | 0.02     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.458 | -1.1 | 142   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 37.831 | 5.4  | 132   | -0.01    |
| 38   | 1-Methylnaphthalene         | 40.000 | 37.788 | 5.5  | 132   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 152   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 36.705 | 8.2  | 136   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 32.703 | 18.2 | 127   | -0.01    |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 87.543 | -9.4 | 175   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.500 | 1.3  | 145   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.150 | 2.1  | 146   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.689 | 6.6  | 139   | -0.01    |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.161 | 9.6  | 136   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 36.104 | 9.7  | 135   | 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 | 40.573 | -1.4   | 153   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 36.867 | 7.8    | 139   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.954 | 2.6    | 155   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.482 | -1.2   | 158   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 36.555 | 8.6    | 140   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.264 | -0.7   | 154   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 43.847 | -9.6   | 178   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.532 | 6.2    | 146   | -0.01    |
| 56 P | 4-Nitrophenol              | 40.000 | 39.035 | 2.4    | 155   | 0.04     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.050 | -7.6   | 168   | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.246 | 4.4    | 149   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.276 | -0.7   | 158   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.392 | -1.0   | 165   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.288 | 1.8    | 155   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.456 | -3.6   | 159   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.197 | 2.0    | 155   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 175   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 41.050 | -2.6   | 183   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 36.850 | 7.9    | 159   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.322 | 4.2    | 169   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 37.944 | 5.1    | 167   | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.214 | -5.5   | 187   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 38.548 | 3.6    | 167   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 36.863 | 7.8    | 162   | 0.00     |
| 72   | Anthracene                 | 40.000 | 37.773 | 5.6    | 165   | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.009 | 5.0    | 166   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 43.916 | -9.8   | 199   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.578 | 1.1    | 173   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 157   | 0.00     |
| 77   | Benzydine                  | 40.000 | 37.114 | 7.2    | 122   | 0.00     |
| 78   | Pyrene                     | 40.000 | 38.060 | 4.8    | 167   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 76.640 | 4.2    | 168   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 46.651 | -16.6  | 201   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.042 | 4.9    | 150   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.302 | 1.7    | 145   | 0.00     |
| 83   | Chrysene                   | 40.000 | 36.693 | 8.3    | 147   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 46.902 | -17.3  | 198   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 48.409 | -21.0# | 182   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 129   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 33.378 | 16.6   | 99    | 0.02     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.392 | -1.0   | 134   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.302 | 6.7    | 124   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.432 | 3.9    | 123   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 33.853 | 15.4   | 101   | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 33.186 | 17.0   | 99    | 0.01     |

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

(#) = Out of Range

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