

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072222\  
 Data File : BM035902.D  
 Acq On : 22 Jul 2022 12:10  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jul 22 14:28:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM071822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 22 14:25:12 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  | 112   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.044 | -0.1 | 110   | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.176 | -0.4 | 109   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.945 | 0.1  | 108   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 81.366 | -1.7 | 110   | 0.00     |
| 6    | Aniline                     | 40.000 | 40.398 | -1.0 | 109   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 80.326 | -0.4 | 110   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.158 | -0.4 | 109   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.851 | 7.9  | 113   | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.121 | -0.3 | 110   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.498 | -1.2 | 112   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.489 | -1.2 | 110   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.199 | -0.5 | 110   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.518 | 1.2  | 109   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.262 | -0.7 | 110   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.350 | -0.9 | 110   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.594 | 1.0  | 108   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.411 | -1.0 | 110   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.765 | 0.6  | 108   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 39.601 | 1.0  | 109   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 110   | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.777 | -1.9 | 108   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.565 | -3.2 | 109   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.906 | -2.3 | 108   | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.290 | -3.2 | 110   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.254 | -5.6 | 111   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.900 | -2.2 | 108   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.514 | -3.8 | 110   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.352 | -3.4 | 108   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.108 | -2.8 | 109   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.703 | -1.8 | 108   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.544 | -3.9 | 109   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 41.098 | -2.7 | 109   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.704 | -1.8 | 108   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.666 | -1.7 | 110   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.421 | -3.6 | 111   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.658 | -1.6 | 108   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.768 | -1.9 | 109   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 111   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 40.867 | -2.2 | 108   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 42.007 | -5.0 | 109   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 84.189 | -5.2 | 114   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.650 | -4.1 | 109   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.869 | -4.7 | 111   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 81.661 | -2.1 | 107   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.065 | -2.7 | 109   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.974 | -2.4 | 109   | 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 | 42.267 | -5.7  | 112   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.153 | -2.9  | 109   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.613 | -4.0  | 113   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.593 | -6.5  | 112   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 40.894 | -2.2  | 109   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.430 | -6.1  | 113   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 44.759 | -11.9 | 125   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.853 | -2.1  | 110   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.021 | -7.6  | 115   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.875 | -7.2  | 114   | 0.00     |
| 58   | Fluorene                   | 40.000 | 41.171 | -2.9  | 111   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.184 | -5.5  | 114   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.674 | -4.2  | 114   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 41.050 | -2.6  | 111   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.827 | -7.1  | 113   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.645 | -4.1  | 111   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 115   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.935 | -9.8  | 121   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.032 | -2.6  | 112   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.037 | -2.6  | 112   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.067 | -2.7  | 113   | 0.00     |
| 69   | Atrazine                   | 40.000 | 43.619 | -9.0  | 113   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.814 | -9.5  | 118   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.845 | -2.1  | 113   | 0.00     |
| 72   | Anthracene                 | 40.000 | 41.273 | -3.2  | 113   | 0.00     |
| 73   | Carbazole                  | 40.000 | 41.424 | -3.6  | 114   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 43.296 | -8.2  | 120   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.719 | -4.3  | 116   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 118   | 0.00     |
| 77   | Benzidine                  | 40.000 | 42.547 | -6.4  | 118   | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.682 | -1.7  | 115   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 82.954 | -3.7  | 116   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.068 | -7.7  | 124   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.740 | -1.9  | 115   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.420 | -6.1  | 121   | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.922 | -2.3  | 116   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.712 | -6.8  | 122   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.653 | -6.6  | 122   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 118   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.716 | -1.8  | 115   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.720 | -1.8  | 114   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 41.014 | -2.5  | 118   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.105 | -2.8  | 116   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.495 | -1.2  | 114   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.716 | -1.8  | 115   | 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