

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040821\  
 Data File : BP005233.D  
 Acq On : 08 Apr 2021 12:26  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 08 14:15:31 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 06 12:33:08 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    | 74    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 53.338 | -33.3# | 106   | 0.00     |
| 3    | Pyridine                    | 40.000 | 49.865 | -24.7  | 87    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 43.181 | -8.0   | 79    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 83.935 | -4.9   | 79    | 0.00     |
| 6    | Aniline                     | 40.000 | 40.896 | -2.2   | 75    | -0.01    |
| 7 S  | Phenol-d6                   | 80.000 | 81.592 | -2.0   | 75    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.193 | -0.5   | 74    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 36.206 | 9.5    | 71    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.228 | 1.9    | 72    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.410 | -1.0   | 75    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.702 | 3.2    | 72    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.892 | 2.8    | 72    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.768 | 3.1    | 73    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 37.462 | 6.3    | 67    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.631 | -1.6   | 74    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 39.928 | 0.2    | 73    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.464 | 3.8    | 72    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.296 | 1.8    | 71    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.542 | -1.4   | 72    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 71    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.933 | 0.2    | 71    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 79.235 | 1.0    | 70    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 38.252 | 4.4    | 68    | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.493 | -1.2   | 71    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.723 | -9.3   | 76    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 40.554 | -1.4   | 72    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.500 | -1.3   | 70    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.067 | -2.7   | 72    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.349 | -0.9   | 72    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.868 | 0.3    | 71    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 42.211 | -5.5   | 71    | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 40.615 | -1.5   | 72    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 42.854 | -7.1   | 75    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 45.119 | -12.8  | 78    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.383 | -1.0   | 70    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.098 | -0.2   | 71    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.541 | -1.4   | 71    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 74    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.498 | 1.3    | 73    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 34.823 | 12.9   | 62    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 94.076 | -17.6  | 87    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.801 | 0.5    | 72    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.498 | 1.3    | 73    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 76.250 | 4.7    | 71    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.806 | 5.5    | 71    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.460 | 3.8    | 73    | 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 | 39.537 | 1.2   | 71    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.224 | 4.4   | 71    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.682 | 5.8   | 71    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 38.186 | 4.5   | 70    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.349 | 4.1   | 72    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.214 | -3.0  | 73    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.888 | 0.3   | 72    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.841 | 2.9   | 73    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.079 | -7.7  | 76    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.342 | -3.4  | 75    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.685 | 3.3   | 72    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.326 | -3.3  | 75    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 37.887 | 5.3   | 69    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.223 | 1.9   | 75    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 43.017 | -7.5  | 76    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 36.498 | 8.8   | 68    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 76    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 44.512 | -11.3 | 79    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.855 | 2.9   | 73    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 42.585 | -6.5  | 79    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 42.846 | -7.1  | 80    | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.308 | -3.3  | 74    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 42.316 | -5.8  | 79    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.078 | 2.3   | 73    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.749 | 0.6   | 75    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.207 | -0.5  | 75    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.533 | -1.3  | 74    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 41.390 | -3.5  | 78    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 89    | 0.00     |
| 77   | Benzydine                  | 40.000 | 37.847 | 5.4   | 72    | 0.00     |
| 78   | Pyrene                     | 40.000 | 36.314 | 9.2   | 79    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 75.696 | 5.4   | 82    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 37.594 | 6.0   | 78    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.021 | 2.4   | 86    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 41.874 | -4.7  | 89    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.955 | 2.6   | 86    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 37.688 | 5.8   | 78    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 39.613 | 1.0   | 83    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 96    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.179 | -2.9  | 98    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 36.987 | 7.5   | 89    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.999 | 5.0   | 90    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.721 | 3.2   | 92    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.425 | -3.6  | 99    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 41.187 | -3.0  | 98    | 0.00     |

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