

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011322\  
 Data File : BM033712.D  
 Acq On : 13 Jan 2022 10:39  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 13 15:08:46 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM010522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 13 07:49:01 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    | 95    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 33.488  | 16.3   | 80    | 0.00     |
| 3    | Pyridine                    | 40.000 | 37.175  | 7.1    | 87    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 35.185  | 12.0   | 82    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 77.459  | 3.2    | 91    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.924  | 0.2    | 95    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 79.524  | 0.6    | 95    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.985  | 0.0    | 96    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 37.769  | 5.6    | 87    | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.891  | 0.3    | 95    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.254  | 4.4    | 91    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.877  | 0.3    | 95    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.707  | 0.7    | 95    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.098  | -0.2   | 96    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 41.087  | -2.7   | 96    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 33.268  | 16.8   | 80    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 41.435  | -3.6   | 98    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.445  | 1.4    | 93    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.537  | 1.2    | 94    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 42.610  | -6.5   | 100   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000  | 0.0    | 101   | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.225  | 1.9    | 99    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 76.065  | 4.9    | 95    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 37.756  | 5.6    | 96    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.390  | 1.5    | 97    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 44.912  | -12.3  | 108   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.931  | 0.2    | 101   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 37.625  | 5.9    | 94    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.636  | -6.6   | 107   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.360  | -0.9   | 102   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.655  | 0.9    | 101   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 51.794  | -29.5# | 122   | 0.01     |
| 33   | 4-Chloroaniline             | 40.000 | 42.284  | -5.7   | 107   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 40.206  | -0.5   | 100   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 52.549  | -31.4# | 134   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 44.397  | -11.0  | 113   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 41.140  | -2.9   | 105   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 41.569  | -3.9   | 106   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000  | 0.0    | 120   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.383  | 6.5    | 111   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 33.664  | 15.8   | 96    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 103.008 | -28.8# | 155   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.956  | -4.9   | 122   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.587  | -6.5   | 127   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 73.548  | 8.1    | 109   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.790  | 8.0    | 109   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.062  | 4.8    | 113   | 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 | 41.143 | -2.9  | 119   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.303 | 1.7   | 116   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.326 | 1.7   | 117   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.242 | -8.1  | 125   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.402 | 1.5   | 117   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.902 | -9.8  | 128   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 43.406 | -8.5  | 121   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.824 | 0.4   | 119   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.803 | -9.5  | 126   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 46.813 | -17.0 | 133   | 0.00     |
| 58   | Fluorene                   | 40.000 | 40.134 | -0.3  | 121   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 44.300 | -10.7 | 132   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.023 | -0.1  | 119   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.808 | -2.0  | 122   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 44.279 | -10.7 | 127   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 38.020 | 4.9   | 114   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 131   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 40.462 | -1.2  | 122   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.721 | 3.2   | 126   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 42.261 | -5.7  | 141   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 40.787 | -2.0  | 133   | 0.00     |
| 69   | Atrazine                   | 40.000 | 41.100 | -2.8  | 131   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 43.185 | -8.0  | 133   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.899 | 2.8   | 127   | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.225 | 1.9   | 127   | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.657 | 8.4   | 116   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.509 | -1.3  | 128   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 34.318 | 14.2  | 108   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 91    | 0.00     |
| 77   | Benzidine                  | 40.000 | 43.934 | -9.8  | 97    | 0.00     |
| 78   | Pyrene                     | 40.000 | 45.567 | -13.9 | 103   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 96.608 | -20.8 | 111   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 47.917 | -19.8 | 104   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.378 | 1.6   | 89    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.113 | -5.3  | 92    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.621 | 0.9   | 90    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 46.840 | -17.1 | 105   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.973 | -4.9  | 91    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 92    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.534 | -1.3  | 91    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.688 | 3.3   | 86    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.320 | -0.8  | 91    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.826 | 0.4   | 88    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.167 | -2.9  | 92    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.788 | -2.0  | 92    | -0.01    |

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

(#) = Out of Range

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