

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012522\  
 Data File : BP008901.D  
 Acq On : 25 Jan 2022 11:18  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jan 26 01:55:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 26 01:52:51 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  | 79    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.126 | 7.2  | 87    | 0.00     |
| 3    | Pyridine                    | 40.000 | 39.708 | 0.7  | 87    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 37.096 | 7.3  | 82    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 74.446 | 6.9  | 83    | 0.00     |
| 6    | Aniline                     | 40.000 | 35.704 | 10.7 | 78    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 72.263 | 9.7  | 79    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 35.970 | 10.1 | 79    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 34.942 | 12.6 | 77    | 0.00     |
| 10 C | Phenol                      | 40.000 | 35.971 | 10.1 | 79    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 34.949 | 12.6 | 77    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 35.713 | 10.7 | 80    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 36.063 | 9.8  | 81    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 35.320 | 11.7 | 79    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 35.373 | 11.6 | 76    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 34.012 | 15.0 | 74    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 35.386 | 11.5 | 77    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 35.715 | 10.7 | 79    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 34.354 | 14.1 | 73    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 35.269 | 11.8 | 75    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 72    | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.344 | 6.6  | 75    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 76.104 | 4.9  | 76    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 37.707 | 5.7  | 75    | 0.00     |
| 25   | Isophorone                  | 40.000 | 36.528 | 8.7  | 72    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 38.225 | 4.4  | 75    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 37.232 | 6.9  | 73    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 35.701 | 10.7 | 71    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 37.015 | 7.5  | 74    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 36.488 | 8.8  | 74    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 36.704 | 8.2  | 75    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 40.114 | -0.3 | 74    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 37.368 | 6.6  | 74    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 36.164 | 9.6  | 73    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 41.006 | -2.5 | 80    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 37.888 | 5.3  | 74    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 36.298 | 9.3  | 73    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 36.342 | 9.1  | 72    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 70    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 36.353 | 9.1  | 72    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 35.752 | 10.6 | 65    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 79.409 | 0.7  | 78    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 37.460 | 6.3  | 72    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 37.899 | 5.3  | 73    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 71.832 | 10.2 | 71    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.291 | 9.3  | 72    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 36.976 | 7.6  | 73    | 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 | 40.770 | -1.9  | 78    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 37.761 | 5.6   | 74    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 37.563 | 6.1   | 74    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 38.808 | 3.0   | 75    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 37.640 | 5.9   | 74    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 42.058 | -5.1  | 81    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 46.011 | -15.0 | 86    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 37.804 | 5.5   | 75    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 46.153 | -15.4 | 87    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.945 | -4.9  | 80    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.758 | 3.1   | 76    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.929 | 2.7   | 75    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 38.285 | 4.3   | 75    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 37.287 | 6.8   | 73    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 46.306 | -15.8 | 89    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.146 | 2.1   | 75    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 78    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.061 | -7.7  | 87    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 36.245 | 9.4   | 78    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 34.917 | 12.7  | 74    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 35.648 | 10.9  | 77    | 0.00     |
| 69   | Atrazine                   | 40.000 | 38.357 | 4.1   | 82    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.420 | -1.1  | 85    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 37.806 | 5.5   | 82    | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.859 | 2.9   | 83    | 0.00     |
| 73   | Carbazole                  | 40.000 | 41.205 | -3.0  | 90    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.765 | 3.1   | 82    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 42.002 | -5.0  | 93    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 99    | 0.00     |
| 77   | Benzydine                  | 40.000 | 43.119 | -7.8  | 106   | 0.00     |
| 78   | Pyrene                     | 40.000 | 36.063 | 9.8   | 96    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 68.931 | 13.8  | 92    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 36.049 | 9.9   | 96    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 37.881 | 5.3   | 105   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.844 | 0.4   | 108   | 0.00     |
| 83   | Chrysene                   | 40.000 | 37.513 | 6.2   | 104   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 34.048 | 14.9  | 90    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 35.261 | 11.8  | 103   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 105   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 38.198 | 4.5   | 113   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.248 | 4.4   | 114   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 37.195 | 7.0   | 114   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.541 | 3.6   | 115   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 37.962 | 5.1   | 112   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 37.640 | 5.9   | 110   | 0.00     |

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

(#) = Out of Range

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