

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090722\  
 Data File : BP011641.D  
 Acq On : 07 Sep 2022 11:07  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 08 04:01:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP090222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 03 04:07:09 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   | 93    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 42.711 | -6.8  | 103   | 0.00     |
| 3    | Pyridine                    | 40.000 | 44.798 | -12.0 | 102   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.452 | -1.1  | 95    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 83.487 | -4.4  | 98    | 0.00     |
| 6    | Aniline                     | 40.000 | 41.883 | -4.7  | 97    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 83.298 | -4.1  | 97    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.943 | -2.4  | 97    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 39.865 | 0.3   | 100   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.795 | -4.5  | 98    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.643 | -1.6  | 96    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.919 | 2.7   | 93    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.210 | 2.0   | 94    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.109 | 2.2   | 93    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.806 | -7.0  | 99    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.591 | 3.5   | 91    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 41.474 | -3.7  | 96    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.908 | -2.3  | 97    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 42.146 | -5.4  | 95    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 41.617 | -4.0  | 95    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 91    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.242 | -0.6  | 95    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 85.045 | -6.3  | 98    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 42.193 | -5.5  | 98    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.820 | -4.6  | 94    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 42.335 | -5.8  | 108   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.124 | -2.8  | 94    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.411 | -1.0  | 94    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.079 | -0.2  | 91    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 36.623 | 8.4   | 87    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.135 | 2.2   | 93    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 45.161 | -12.9 | 114   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.911 | 0.2   | 92    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 34.934 | 12.7  | 83    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 43.034 | -7.6  | 97    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.959 | -4.9  | 94    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.718 | 3.2   | 90    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.766 | 3.1   | 90    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 88    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 35.855 | 10.4  | 82    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 38.495 | 3.8   | 84    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 71.025 | 11.2  | 77    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.980 | -2.4  | 88    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.649 | 0.9   | 87    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 75.712 | 5.4   | 86    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.033 | 2.4   | 89    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.699 | 3.3   | 88    | 0.00     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 03 04:07:09 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) |
|------|----------------------------|--------|--------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 40.000 | 43.133 | -7.8   | 100   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.321 | -0.8   | 90    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.907 | 2.7    | 87    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.721 | -6.8   | 91    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.967 | 0.1    | 90    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 44.911 | -12.3  | 95    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 46.661 | -16.7  | 112   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.304 | 4.2    | 87    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 45.278 | -13.2  | 98    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 39.982 | 0.0    | 92    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.654 | 3.4    | 86    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 39.205 | 2.0    | 85    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.543 | -1.4   | 89    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 36.600 | 8.5    | 82    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 41.891 | -4.7   | 94    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 42.538 | -6.3   | 94    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 85    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.797 | -9.5   | 105   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.037 | -0.1   | 87    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 36.576 | 8.6    | 80    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 34.805 | 13.0   | 76    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.867 | -2.2   | 86    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 40.046 | -0.1   | 86    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.208 | 2.0    | 86    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.138 | -0.3   | 86    | 0.00     |
| 73   | Carbazole                  | 40.000 | 40.816 | -2.0   | 88    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 44.597 | -11.5  | 92    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 39.318 | 1.7    | 83    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 80    | 0.00     |
| 77   | Benzydine                  | 40.000 | 51.649 | -29.1# | 95    | 0.00     |
| 78   | Pyrene                     | 40.000 | 41.472 | -3.7   | 84    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 81.052 | -1.3   | 79    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 45.460 | -13.7  | 96    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.176 | -0.4   | 81    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 44.136 | -10.3  | 83    | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.295 | -0.7   | 82    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 44.946 | -12.4  | 90    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 48.852 | -22.1# | 95    | -0.01    |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 81    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.782 | 0.5    | 80    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 40.566 | -1.4   | 83    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.553 | 3.6    | 78    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.498 | -1.2   | 81    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 39.594 | 1.0    | 79    | -0.01    |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.126 | 2.2    | 80    | -0.01    |

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| Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
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(#) = Out of Range                      SPCC's out = 0    CCC's out = 1