

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120123\  
 Data File : BF136350.D  
 Acq On : 01 Dec 2023 21:48  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 02 00:37:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 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   | 71    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.622 | -1.6  | 69    | -0.04    |
| 3    | Pyridine                    | 40.000 | 41.718 | -4.3  | 71    | -0.04    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 36.160 | 9.6   | 61    | -0.04    |
| 5 S  | 2-Fluorophenol              | 80.000 | 80.892 | -1.1  | 69    | 0.00     |
| 6    | Aniline                     | 40.000 | 42.494 | -6.2  | 69    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 80.038 | -0.0  | 68    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.357 | -0.9  | 68    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.879 | -2.2  | 79    | 0.00     |
| 10 C | Phenol                      | 40.000 | 40.307 | -0.8  | 67    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 40.551 | -1.4  | 69    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.268 | -0.7  | 68    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 40.452 | -1.1  | 68    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.042 | -0.1  | 67    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 38.551 | 3.6   | 64    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.503 | 3.7   | 65    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 41.565 | -3.9  | 70    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.042 | -0.1  | 68    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.257 | 1.9   | 65    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.823 | 2.9   | 65    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 68    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.332 | 1.7   | 64    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.443 | -3.1  | 67    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.389 | -1.0  | 65    | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.649 | -1.6  | 66    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 47.213 | -18.0 | 75    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 43.148 | -7.9  | 70    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.933 | -2.3  | 66    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.558 | -3.9  | 67    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.077 | -2.7  | 67    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.925 | -2.3  | 66    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 45.398 | -13.5 | 71    | -0.01    |
| 33   | 4-Chloroaniline             | 40.000 | 41.956 | -4.9  | 67    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.702 | -4.3  | 67    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 41.789 | -4.5  | 68    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 39.288 | 1.8   | 63    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 40.543 | -1.4  | 66    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.317 | -0.8  | 65    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 64    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 43.496 | -8.7  | 66    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 33.858 | 15.4  | 48    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 70.326 | 12.1  | 53    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 41.626 | -4.1  | 62    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 41.438 | -3.6  | 63    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 83.088 | -3.9  | 64    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 42.432 | -6.1  | 64    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 42.217 | -5.5  | 63    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120123\  
 Data File : BF136350.D  
 Acq On : 01 Dec 2023 21:48  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Dec 02 00:37:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 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 | 40.527 | -1.3   | 60    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.032 | -2.6   | 62    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.167 | -2.9   | 62    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 44.107 | -10.3  | 66    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 42.892 | -7.2   | 65    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.300 | -0.7   | 62    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 31.721 | 20.7   | 47    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 39.419 | 1.5    | 59    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 30.754 | 23.1   | 45    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.130 | -0.3   | 60    | 0.00     |
| 58   | Fluorene                   | 40.000 | 38.726 | 3.2    | 60    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.832 | 2.9    | 59    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.458 | 1.4    | 61    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.496 | 1.3    | 61    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 35.268 | 11.8   | 53    | -0.01    |
| 63   | Azobenzene                 | 40.000 | 36.801 | 8.0    | 56    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 51    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 43.314 | -8.3   | 52    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 48.937 | -22.3# | 59    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 47.470 | -18.7  | 57    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 46.049 | -15.1  | 55    | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.782 | -2.0   | 49    | -0.01    |
| 70 C | Pentachlorophenol          | 40.000 | 37.526 | 6.2    | 44    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.961 | -2.4   | 49    | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.676 | -1.7   | 48    | 0.00     |
| 73   | Carbazole                  | 40.000 | 36.125 | 9.7    | 43    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.919 | -2.3   | 48    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 32.713 | 18.2   | 39    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 58    | 0.00     |
| 77   | Benzidine                  | 40.000 | 64.085 | -60.2# | 80    | 0.00     |
| 78   | Pyrene                     | 40.000 | 30.877 | 22.8   | 40    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 61.627 | 23.0   | 39    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 36.196 | 9.5    | 46    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.170 | -0.4   | 55    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 55.868 | -39.7# | 75    | 0.00     |
| 83   | Chrysene                   | 40.000 | 41.213 | -3.0   | 56    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 41.939 | -4.8   | 56    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 52.354 | -30.9# | 80    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 87    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 34.447 | 13.9   | 73    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 36.693 | 8.3    | 82    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.308 | 1.7    | 83    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.926 | -2.3   | 87    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 35.365 | 11.6   | 75    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 32.814 | 18.0   | 69    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120123\  
Data File : BF136350.D  
Acq On : 01 Dec 2023 21:48  
Operator : CG\JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Dec 02 00:37:17 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 28 03:04:20 2023  
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) |
|----------|--------|-------|------|-------|----------|
|----------|--------|-------|------|-------|----------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 2