

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092923\  
 Data File : BF135509.D  
 Acq On : 29 Sep 2023 09:33  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 02 10:26:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 30 00:12:20 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   | 182   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 45.216 | -13.0 | 207   | 0.00     |
| 3    | Pyridine                    | 40.000 | 45.392 | -13.5 | 201   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 43.952 | -9.9  | 195   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.219 | 1.0   | 180   | 0.00     |
| 6    | Aniline                     | 40.000 | 37.309 | 6.7   | 169   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 76.960 | 3.8   | 174   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.534 | 1.2   | 179   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.785 | -2.0  | 189   | 0.00     |
| 10 C | Phenol                      | 40.000 | 36.909 | 7.7   | 167   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 42.066 | -5.2  | 189   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.586 | 3.5   | 175   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 37.893 | 5.3   | 173   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 36.987 | 7.5   | 171   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 34.851 | 12.9  | 157   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.892 | 2.8   | 175   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 37.951 | 5.1   | 171   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.950 | 2.6   | 176   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 35.998 | 10.0  | 166   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 36.960 | 7.6   | 171   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 179   | 0.00     |
| 22   | Acetophenone                | 40.000 | 37.393 | 6.5   | 172   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 77.715 | 2.9   | 175   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.680 | 0.8   | 177   | 0.00     |
| 25   | Isophorone                  | 40.000 | 40.411 | -1.0  | 183   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.017 | -2.5  | 183   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.231 | 1.9   | 179   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 40.814 | -2.0  | 188   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 38.741 | 3.1   | 175   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 37.117 | 7.2   | 169   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.187 | 4.5   | 174   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 41.397 | -3.5  | 178   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.157 | 2.1   | 178   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 35.483 | 11.3  | 162   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.629 | -6.6  | 194   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 38.181 | 4.5   | 172   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 36.876 | 7.8   | 171   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 36.902 | 7.7   | 170   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 177   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.407 | 6.5   | 166   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 35.697 | 10.8  | 160   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 65.086 | 18.6  | 146   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 38.019 | 5.0   | 168   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.025 | 4.9   | 166   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 66.352 | 17.1  | 153   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 37.413 | 6.5   | 167   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.082 | 4.8   | 171   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092923\  
 Data File : BF135509.D  
 Acq On : 29 Sep 2023 09:33  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 02 10:26:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 30 00:12:20 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 | 40.588 | -1.5   | 179   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 35.957 | 10.1   | 160   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 38.684 | 3.3    | 176   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.160 | 2.1    | 174   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 37.419 | 6.5    | 169   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.329 | -3.3   | 183   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 36.787 | 8.0    | 168   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 34.961 | 12.6   | 158   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 34.902 | 12.7   | 148   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 34.774 | 13.1   | 152   | 0.00     |
| 58   | Fluorene                   | 40.000 | 36.449 | 8.9    | 166   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 36.668 | 8.3    | 163   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 37.941 | 5.1    | 170   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 35.708 | 10.7   | 164   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.088 | -5.2   | 184   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.072 | -0.2   | 180   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 172   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 39.663 | 0.8    | 173   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 37.586 | 6.0    | 168   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 36.457 | 8.9    | 163   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 36.346 | 9.1    | 161   | 0.00     |
| 69   | Atrazine                   | 40.000 | 36.296 | 9.3    | 162   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 35.235 | 11.9   | 145   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 37.395 | 6.5    | 166   | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.077 | 4.8    | 170   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.675 | 0.8    | 175   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.260 | -0.6   | 177   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.565 | 3.6    | 170   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 187   | 0.00     |
| 77   | Benzydine                  | 40.000 | 35.456 | 11.4   | 184   | 0.00     |
| 78   | Pyrene                     | 40.000 | 36.877 | 7.8    | 173   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 66.601 | 16.7   | 159   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 44.212 | -10.5  | 201   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.148 | 2.1    | 186   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.115 | -0.3   | 187   | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.144 | 4.6    | 181   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 51.323 | -28.3# | 236   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 47.500 | -18.8  | 216   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 173   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 37.298 | 6.8    | 154   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 41.566 | -3.9   | 181   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 36.667 | 8.3    | 161   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 39.456 | 1.4    | 168   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 37.366 | 6.6    | 156   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 38.471 | 3.8    | 158   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092923\  
Data File : BF135509.D  
Acq On : 29 Sep 2023 09:33  
Operator : CG\JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 02 10:26:16 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 30 00:12:20 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 = 0