

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091424\  
 Data File : BF139357.D  
 Acq On : 14 Sep 2024 09:31  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 16 01:49:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:58:23 2024  
 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   | 106   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 42.476 | -6.2  | 112   | 0.00     |
| 3    | Pyridine                    | 40.000 | 44.889 | -12.2 | 117   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.955 | -2.4  | 108   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 81.527 | -1.9  | 109   | 0.00     |
| 6    | Aniline                     | 40.000 | 45.463 | -13.7 | 122   | -0.02    |
| 7 S  | Phenol-d6                   | 80.000 | 81.257 | -1.6  | 108   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 40.353 | -0.9  | 108   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 39.250 | 1.9   | 116   | 0.00     |
| 10 C | Phenol                      | 40.000 | 41.139 | -2.8  | 111   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 37.873 | 5.3   | 110   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 40.145 | -0.4  | 108   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 41.035 | -2.6  | 110   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.664 | -1.7  | 110   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.805 | -2.0  | 108   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 40.596 | -1.5  | 110   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 40.926 | -2.3  | 110   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.022 | -0.1  | 108   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 41.549 | -3.9  | 112   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.132 | -0.3  | 107   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0   | 108   | 0.00     |
| 22   | Acetophenone                | 40.000 | 41.490 | -3.7  | 109   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 83.417 | -4.3  | 109   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.120 | -2.8  | 107   | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.967 | -4.9  | 111   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 43.273 | -8.2  | 110   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 41.638 | -4.1  | 107   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.563 | -3.9  | 111   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 42.443 | -6.1  | 111   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.322 | -3.3  | 109   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 41.414 | -3.5  | 109   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 44.772 | -11.9 | 116   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 42.798 | -7.0  | 109   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.029 | -2.6  | 108   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 42.090 | -5.2  | 107   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 42.175 | -5.4  | 109   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 41.680 | -4.2  | 110   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 41.561 | -3.9  | 110   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0   | 111   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 41.285 | -3.2  | 110   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 42.071 | -5.2  | 105   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 83.275 | -4.1  | 107   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.068 | -5.2  | 107   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 42.405 | -6.0  | 110   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 82.797 | -3.5  | 110   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 41.303 | -3.3  | 109   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 41.688 | -4.2  | 109   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091424\  
 Data File : BF139357.D  
 Acq On : 14 Sep 2024 09:31  
 Operator : RC/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Sep 16 01:49:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:58:23 2024  
 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 | 41.985 | -5.0   | 109   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.637 | -4.1   | 110   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 41.491 | -3.7   | 109   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 42.816 | -7.0   | 110   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.616 | -4.0   | 108   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 43.666 | -9.2   | 110   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.540 | 1.2    | 99    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 41.733 | -4.3   | 109   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.207 | -8.0   | 109   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 43.724 | -9.3   | 109   | 0.00     |
| 58   | Fluorene                   | 40.000 | 41.062 | -2.7   | 106   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.649 | -6.6   | 111   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.762 | -4.4   | 109   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 41.394 | -3.5   | 109   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.747 | -6.9   | 108   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 41.856 | -4.6   | 108   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0    | 109   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.431 | -6.1   | 105   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 40.812 | -2.0   | 109   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 41.091 | -2.7   | 108   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 41.281 | -3.2   | 108   | 0.00     |
| 69   | Atrazine                   | 40.000 | 35.582 | 11.0   | 112   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 42.028 | -5.1   | 107   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 41.011 | -2.5   | 108   | 0.00     |
| 72   | Anthracene                 | 40.000 | 41.225 | -3.1   | 108   | 0.00     |
| 73   | Carbazole                  | 40.000 | 42.110 | -5.3   | 110   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 43.185 | -8.0   | 111   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 43.029 | -7.6   | 112   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0    | 109   | 0.00     |
| 77   | Benzydine                  | 40.000 | 61.279 | -53.2# | 125   | 0.00     |
| 78   | Pyrene                     | 40.000 | 45.326 | -13.3  | 111   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 91.138 | -13.9  | 112   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 46.131 | -15.3  | 118   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 41.265 | -3.2   | 110   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.585 | -1.5   | 115   | 0.00     |
| 83   | Chrysene                   | 40.000 | 41.529 | -3.8   | 112   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 46.068 | -15.2  | 123   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 42.040 | -5.1   | 111   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0    | 107   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 41.114 | -2.8   | 96    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 42.471 | -6.2   | 114   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.424 | 1.4    | 100   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.767 | -4.4   | 106   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 41.734 | -4.3   | 100   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.949 | 0.1    | 94    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091424\  
Data File : BF139357.D  
Acq On : 14 Sep 2024 09:31  
Operator : RC/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Sep 16 01:49:49 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 14 02:58:23 2024  
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