

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102320\  
 Data File : BF122096.D  
 Acq On : 23 Oct 2020 13:16  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 23 14:45:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 21 12:04:42 2020  
 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  | 84    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 37.385 | 6.5  | 80    | -0.02    |
| 3    | Pyridine                    | 40.000 | 39.823 | 0.4  | 83    | -0.01    |
| 4    | n-Nitrosodimethylamine      | 40.000 | 39.734 | 0.7  | 84    | -0.02    |
| 5 S  | 2-Fluorophenol              | 80.000 | 79.581 | 0.5  | 86    | 0.00     |
| 6    | Aniline                     | 40.000 | 38.014 | 5.0  | 83    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 76.667 | 4.2  | 84    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 39.109 | 2.2  | 84    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 40.405 | -1.0 | 85    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.258 | 4.4  | 84    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.528 | 3.7  | 82    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.677 | 3.3  | 84    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.208 | 2.0  | 85    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.795 | 3.0  | 83    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 40.701 | -1.8 | 87    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.860 | 5.4  | 81    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 37.336 | 6.7  | 81    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 39.461 | 1.3  | 84    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.469 | 1.3  | 87    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.414 | -1.0 | 89    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 85    | 0.00     |
| 22   | Acetophenone                | 40.000 | 39.591 | 1.0  | 88    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 79.201 | 1.0  | 86    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 39.203 | 2.0  | 85    | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.132 | 2.2  | 86    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.093 | -0.2 | 84    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.426 | 3.9  | 83    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.759 | 3.1  | 84    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.567 | 1.1  | 85    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 38.971 | 2.6  | 85    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.395 | 4.0  | 84    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 37.747 | 5.6  | 84    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.625 | 0.9  | 86    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 39.770 | 0.6  | 85    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 39.901 | 0.2  | 87    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.272 | -0.7 | 87    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.576 | 3.6  | 85    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.508 | 3.7  | 85    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 84    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.162 | 2.1  | 85    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 37.170 | 7.1  | 76    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 80.689 | -0.9 | 86    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 39.754 | 0.6  | 85    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 38.472 | 3.8  | 83    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 75.930 | 5.1  | 86    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.936 | 2.7  | 86    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.322 | 1.7  | 85    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102320\  
 Data File : BF122096.D  
 Acq On : 23 Oct 2020 13:16  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 23 14:45:06 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 21 12:04:42 2020  
 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 | 40.677 | -1.7 | 87    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 38.088 | 4.8  | 84    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.286 | 1.8  | 85    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.815 | 0.5  | 84    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.963 | 2.6  | 86    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 39.350 | 1.6  | 85    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 36.315 | 9.2  | 81    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.324 | 4.2  | 84    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.168 | -7.9 | 91    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 40.525 | -1.3 | 87    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.943 | 0.1  | 88    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 41.374 | -3.4 | 86    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 40.368 | -0.9 | 88    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.431 | 1.4  | 87    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 37.046 | 7.4  | 80    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 40.146 | -0.4 | 87    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0  | 86    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 37.861 | 5.3  | 86    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.565 | 3.6  | 87    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 39.345 | 1.6  | 87    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.435 | 1.4  | 88    | 0.00     |
| 69   | Atrazine                   | 40.000 | 39.602 | 1.0  | 87    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 33.801 | 15.5 | 77    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.469 | 3.8  | 87    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.051 | 2.4  | 88    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.178 | 2.1  | 88    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 40.055 | -0.1 | 88    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.781 | 3.0  | 87    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0  | 85    | 0.00     |
| 77   | Benzydine                  | 40.000 | 34.671 | 13.3 | 77    | 0.00     |
| 78   | Pyrene                     | 40.000 | 40.257 | -0.6 | 87    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 81.100 | -1.4 | 90    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 42.156 | -5.4 | 89    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.731 | 0.7  | 87    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 39.094 | 2.3  | 82    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.235 | 1.9  | 84    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 42.059 | -5.1 | 89    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 41.418 | -3.5 | 87    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0  | 81    | 0.01     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 40.555 | -1.4 | 83    | 0.02     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 43.677 | -9.2 | 85    | 0.01     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 40.710 | -1.8 | 80    | 0.01     |
| 90 C | Benzo(a)pyrene             | 40.000 | 41.626 | -4.1 | 81    | 0.01     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.422 | -1.1 | 83    | 0.02     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 40.909 | -2.3 | 84    | 0.03     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102320\  
Data File : BF122096.D  
Acq On : 23 Oct 2020 13:16  
Operator : JU/CG  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 23 14:45:06 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 21 12:04:42 2020  
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