

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052621\  
 Data File : BF124068.D  
 Acq On : 26 May 2021 17:00  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: May 26 17:31:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 19:05:57 2021  
 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    | 125   | 0.01     |
| 2    | 1,4-Dioxane                 | 40.000 | 33.787 | 15.5   | 111   | 0.05     |
| 3    | Pyridine                    | 40.000 | 37.066 | 7.3    | 118   | 0.05     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 35.634 | 10.9   | 117   | 0.06     |
| 5 S  | 2-Fluorophenol              | 80.000 | 72.760 | 9.0    | 119   | 0.02     |
| 6    | Aniline                     | 40.000 | 37.941 | 5.1    | 121   | 0.02     |
| 7 S  | Phenol-d6                   | 80.000 | 75.790 | 5.3    | 123   | 0.01     |
| 8    | 2-Chlorophenol              | 40.000 | 39.828 | 0.4    | 128   | 0.02     |
| 9    | Benzaldehyde                | 40.000 | 40.467 | -1.2   | 124   | 0.02     |
| 10 C | Phenol                      | 40.000 | 41.507 | -3.8   | 137   | 0.02     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.432 | 3.9    | 125   | 0.01     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.628 | 3.4    | 128   | 0.01     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.740 | 3.1    | 126   | 0.01     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.766 | 3.1    | 127   | 0.01     |
| 15   | Benzyl Alcohol              | 40.000 | 39.196 | 2.0    | 122   | 0.02     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 33.615 | 16.0   | 108   | 0.01     |
| 17   | 2-Methylphenol              | 40.000 | 40.218 | -0.5   | 129   | 0.02     |
| 18   | Hexachloroethane            | 40.000 | 39.486 | 1.3    | 133   | 0.02     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 39.447 | 1.4    | 126   | 0.02     |
| 20   | 3+4-Methylphenols           | 40.000 | 40.548 | -1.4   | 133   | 0.02     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 130   | 0.01     |
| 22   | Acetophenone                | 40.000 | 39.403 | 1.5    | 130   | 0.02     |
| 23 S | Nitrobenzene-d5             | 80.000 | 84.717 | -5.9   | 138   | 0.01     |
| 24   | Nitrobenzene                | 40.000 | 41.953 | -4.9   | 134   | 0.01     |
| 25   | Isophorone                  | 40.000 | 39.659 | 0.9    | 129   | 0.02     |
| 26 C | 2-Nitrophenol               | 40.000 | 48.820 | -22.1# | 158   | 0.02     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 37.376 | 6.6    | 121   | 0.02     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.419 | 1.5    | 130   | 0.01     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 40.697 | -1.7   | 131   | 0.01     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 41.652 | -4.1   | 139   | 0.01     |
| 31   | Naphthalene                 | 40.000 | 39.504 | 1.2    | 129   | 0.01     |
| 32   | Benzoic acid                | 40.000 | 33.822 | 15.4   | 118   | 0.04     |
| 33   | 4-Chloroaniline             | 40.000 | 39.915 | 0.2    | 136   | 0.01     |
| 34 C | Hexachlorobutadiene         | 40.000 | 41.314 | -3.3   | 137   | 0.01     |
| 35   | Caprolactam                 | 40.000 | 44.019 | -10.0  | 141   | 0.03     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.750 | -4.4   | 136   | 0.02     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.994 | 0.0    | 132   | 0.02     |
| 38   | 1-Methylnaphthalene         | 40.000 | 40.102 | -0.3   | 130   | 0.02     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 141   | 0.02     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 37.616 | 6.0    | 141   | 0.02     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 33.149 | 17.1   | 123   | 0.02     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 88.497 | -10.6  | 155   | 0.02     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 37.511 | 6.2    | 136   | 0.02     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.574 | 1.1    | 141   | 0.02     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 74.738 | 6.6    | 137   | 0.01     |
| 46   | 1,1'-Biphenyl               | 40.000 | 36.885 | 7.8    | 135   | 0.02     |
| 47   | 2-Chloronaphthalene         | 40.000 | 37.471 | 6.3    | 140   | 0.02     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052621\  
 Data File : BF124068.D  
 Acq On : 26 May 2021 17:00  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: May 26 17:31:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 19:05:57 2021  
 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 | 43.144 | -7.9  | 150   | 0.02     |
| 49   | Acenaphthylene             | 40.000 | 37.386 | 6.5   | 136   | 0.02     |
| 50   | Dimethylphthalate          | 40.000 | 39.256 | 1.9   | 146   | 0.02     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 44.820 | -12.1 | 153   | 0.02     |
| 52 C | Acenaphthene               | 40.000 | 39.265 | 1.8   | 143   | 0.02     |
| 53   | 3-Nitroaniline             | 40.000 | 43.287 | -8.2  | 149   | 0.02     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 43.587 | -9.0  | 175   | 0.02     |
| 55   | Dibenzofuran               | 40.000 | 38.818 | 3.0   | 144   | 0.02     |
| 56 P | 4-Nitrophenol              | 40.000 | 37.855 | 5.4   | 131   | 0.02     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 47.704 | -19.3 | 171   | 0.02     |
| 58   | Fluorene                   | 40.000 | 39.178 | 2.1   | 143   | 0.02     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 38.558 | 3.6   | 138   | 0.02     |
| 60   | Diethylphthalate           | 40.000 | 40.242 | -0.6  | 147   | 0.02     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.046 | 2.4   | 140   | 0.02     |
| 62   | 4-Nitroaniline             | 40.000 | 44.079 | -10.2 | 150   | 0.02     |
| 63   | Azobenzene                 | 40.000 | 38.215 | 4.5   | 139   | 0.02     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 146   | 0.02     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 49.434 | -23.6 | 196   | 0.02     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.903 | 2.7   | 147   | 0.02     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.169 | -0.4  | 151   | 0.02     |
| 68   | Hexachlorobenzene          | 40.000 | 42.027 | -5.1  | 163   | 0.02     |
| 69   | Atrazine                   | 40.000 | 42.493 | -6.2  | 155   | 0.02     |
| 70 C | Pentachlorophenol          | 40.000 | 39.262 | 1.8   | 147   | 0.02     |
| 71   | Phenanthrene               | 40.000 | 38.625 | 3.4   | 145   | 0.02     |
| 72   | Anthracene                 | 40.000 | 37.203 | 7.0   | 143   | 0.02     |
| 73   | Carbazole                  | 40.000 | 38.192 | 4.5   | 145   | 0.02     |
| 74   | Di-n-butylphthalate        | 40.000 | 38.878 | 2.8   | 147   | 0.02     |
| 75 C | Fluoranthene               | 40.000 | 38.663 | 3.3   | 150   | 0.02     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 148   | 0.02     |
| 77   | Benzydine                  | 40.000 | 41.553 | -3.9  | 148   | 0.02     |
| 78   | Pyrene                     | 40.000 | 39.931 | 0.2   | 148   | 0.02     |
| 79 S | Terphenyl-d14              | 80.000 | 83.167 | -4.0  | 154   | 0.02     |
| 80   | Butylbenzylphthalate       | 40.000 | 43.072 | -7.7  | 161   | 0.02     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.258 | 4.4   | 147   | 0.02     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 42.521 | -6.3  | 167   | 0.02     |
| 83   | Chrysene                   | 40.000 | 38.745 | 3.1   | 150   | 0.02     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 40.684 | -1.7  | 153   | 0.02     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.846 | 2.9   | 144   | 0.02     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 137   | 0.03     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 33.622 | 15.9  | 121   | 0.04     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.364 | 4.1   | 131   | 0.02     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.870 | 0.3   | 139   | 0.02     |
| 90 C | Benzo(a)pyrene             | 40.000 | 37.687 | 5.8   | 133   | 0.03     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 33.802 | 15.5  | 120   | 0.04     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 32.764 | 18.1  | 121   | 0.04     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052621\  
Data File : BF124068.D  
Acq On : 26 May 2021 17:00  
Operator : JU/CG  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: May 26 17:31:21 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051421.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 14 19:05:57 2021  
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 = 1