

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031221\  
 Data File : BM029106.D  
 Acq On : 12 Mar 2021 11:51  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 12 12:30:31 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 12 12:30:15 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    | 57    | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 40.594 | -1.5   | 56    | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.263 | -0.7   | 57    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 50.004 | -25.0# | 69    | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 78.087 | 2.4    | 54    | 0.00     |
| 6    | Aniline                     | 40.000 | 39.137 | 2.2    | 55    | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 76.424 | 4.5    | 54    | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.254 | 4.4    | 54    | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 32.556 | 18.6   | 52    | 0.00     |
| 10 C | Phenol                      | 40.000 | 38.858 | 2.9    | 55    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.095 | 4.8    | 54    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.532 | 3.7    | 55    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.279 | 1.8    | 55    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 39.576 | 1.1    | 56    | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 42.145 | -5.4   | 59    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 43.960 | -9.9   | 63    | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.556 | 3.6    | 54    | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 40.908 | -2.3   | 58    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 40.271 | -0.7   | 56    | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.889 | 2.8    | 55    | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 55    | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.813 | -2.0   | 56    | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.859 | -3.6   | 56    | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 41.322 | -3.3   | 56    | 0.00     |
| 25   | Isophorone                  | 40.000 | 41.958 | -4.9   | 57    | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 41.494 | -3.7   | 55    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 39.461 | 1.3    | 54    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 39.156 | 2.1    | 53    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 41.373 | -3.4   | 56    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 40.948 | -2.4   | 56    | 0.00     |
| 31   | Naphthalene                 | 40.000 | 39.456 | 1.4    | 54    | 0.00     |
| 32   | Benzoic acid                | 40.000 | 43.116 | -7.8   | 55    | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.665 | 0.8    | 54    | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 43.172 | -7.9   | 59    | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.911 | -2.3   | 55    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 41.282 | -3.2   | 57    | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 39.262 | 1.8    | 54    | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 39.121 | 2.2    | 54    | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 56    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 39.937 | 0.2    | 56    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 35.208 | 12.0   | 48    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 83.132 | -3.9   | 56    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.420 | -1.1   | 55    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.775 | 0.6    | 55    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 80.495 | -0.6   | 57    | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 39.108 | 2.2    | 55    | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 39.480 | 1.3    | 56    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031221\  
 Data File : BM029106.D  
 Acq On : 12 Mar 2021 11:51  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC040

Quant Time: Mar 12 12:30:31 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 12 12:30:15 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 | 43.281 | -8.2  | 58    | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 40.061 | -0.2  | 56    | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.986 | -2.5  | 57    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 40.030 | -0.1  | 54    | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 38.527 | 3.7   | 54    | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 40.407 | -1.0  | 54    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 39.475 | 1.3   | 52    | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.058 | -0.1  | 56    | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 36.974 | 7.6   | 51    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 42.775 | -6.9  | 57    | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.810 | 0.5   | 55    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.924 | -2.3  | 56    | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 42.638 | -6.6  | 59    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 40.966 | -2.4  | 58    | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 40.416 | -1.0  | 53    | 0.00     |
| 63   | Azobenzene                 | 40.000 | 42.791 | -7.0  | 59    | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 56    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 39.623 | 0.9   | 54    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 39.405 | 1.5   | 55    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.020 | -0.1  | 56    | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 39.995 | 0.0   | 57    | 0.00     |
| 69   | Atrazine                   | 40.000 | 42.728 | -6.8  | 59    | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.778 | -4.4  | 55    | 0.00     |
| 71   | Phenanthrene               | 40.000 | 39.233 | 1.9   | 55    | 0.00     |
| 72   | Anthracene                 | 40.000 | 39.784 | 0.5   | 55    | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.884 | 0.3   | 55    | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 44.292 | -10.7 | 60    | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 40.636 | -1.6  | 56    | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 57    | 0.00     |
| 77   | Benzydine                  | 40.000 | 34.169 | 14.6  | 42    | 0.00     |
| 78   | Pyrene                     | 40.000 | 38.237 | 4.4   | 56    | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 81.144 | -1.4  | 59    | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 42.308 | -5.8  | 60    | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 39.385 | 1.5   | 57    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.583 | -1.5  | 57    | 0.00     |
| 83   | Chrysene                   | 40.000 | 39.825 | 0.4   | 57    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 44.982 | -12.5 | 63    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 45.169 | -12.9 | 62    | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 58    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.964 | 0.1   | 57    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.718 | 3.2   | 56    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.516 | 1.2   | 58    | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.958 | 2.6   | 57    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 40.055 | -0.1  | 57    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.318 | 1.7   | 56    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM031221\  
Data File : BM029106.D  
Acq On : 12 Mar 2021 11:51  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC040

Quant Time: Mar 12 12:30:31 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 12 12:30:15 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 = 0