

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112221\  
 Data File : BG051165.D  
 Acq On : 22 Nov 2021 10:06  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 22 17:15:42 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 19 16:26:22 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  | 107   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 39.897 | 0.3  | 109   | -0.01    |
| 3    | Pyridine                    | 40.000 | 39.920 | 0.2  | 107   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 40.892 | -2.2 | 109   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 76.396 | 4.5  | 105   | 0.00     |
| 6    | Aniline                     | 40.000 | 38.263 | 4.3  | 103   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 77.727 | 2.8  | 105   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 38.644 | 3.4  | 107   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 35.719 | 10.7 | 106   | 0.00     |
| 10 C | Phenol                      | 40.000 | 39.209 | 2.0  | 107   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 38.973 | 2.6  | 107   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 38.964 | 2.6  | 107   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 38.268 | 4.3  | 105   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 38.744 | 3.1  | 107   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 39.639 | 0.9  | 104   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.549 | 3.6  | 106   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 38.863 | 2.8  | 106   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 38.512 | 3.7  | 106   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 38.133 | 4.7  | 103   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 38.719 | 3.2  | 104   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0  | 103   | 0.00     |
| 22   | Acetophenone                | 40.000 | 38.969 | 2.6  | 104   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 79.598 | 0.5  | 106   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 40.275 | -0.7 | 107   | 0.00     |
| 25   | Isophorone                  | 40.000 | 39.262 | 1.8  | 103   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 40.335 | -0.8 | 105   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 38.686 | 3.3  | 103   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 38.752 | 3.1  | 102   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 39.502 | 1.2  | 105   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.160 | 2.1  | 104   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 38.532 | 3.7  | 102   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 38.823 | 2.9  | 102   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 39.756 | 0.6  | 105   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 38.936 | 2.7  | 105   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 40.801 | -2.0 | 105   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 40.517 | -1.3 | 106   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 38.527 | 3.7  | 102   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 38.891 | 2.8  | 103   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0  | 103   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.945 | 2.6  | 104   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 41.196 | -3.0 | 116   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 80.475 | -0.6 | 103   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 40.546 | -1.4 | 106   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 39.580 | 1.1  | 100   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 77.444 | 3.2  | 104   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 38.790 | 3.0  | 103   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 38.570 | 3.6  | 103   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112221\  
 Data File : BG051165.D  
 Acq On : 22 Nov 2021 10:06  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 22 17:15:42 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 19 16:26:22 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 | 40.906 | -2.3  | 106   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 39.079 | 2.3   | 104   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 39.257 | 1.9   | 103   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 39.983 | 0.0   | 104   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 39.573 | 1.1   | 104   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 41.378 | -3.4  | 105   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 41.327 | -3.3  | 104   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 38.977 | 2.6   | 104   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 44.084 | -10.2 | 104   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 41.549 | -3.9  | 106   | 0.00     |
| 58   | Fluorene                   | 40.000 | 39.247 | 1.9   | 104   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 40.085 | -0.2  | 102   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 39.450 | 1.4   | 104   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.406 | 1.5   | 104   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 39.849 | 0.4   | 102   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 39.668 | 0.8   | 105   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 103   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 42.226 | -5.6  | 104   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 38.724 | 3.2   | 104   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 38.797 | 3.0   | 105   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 37.444 | 6.4   | 103   | 0.00     |
| 69   | Atrazine                   | 40.000 | 37.740 | 5.6   | 102   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.611 | -4.0  | 101   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 38.455 | 3.9   | 103   | 0.00     |
| 72   | Anthracene                 | 40.000 | 38.399 | 4.0   | 103   | 0.00     |
| 73   | Carbazole                  | 40.000 | 38.130 | 4.7   | 102   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 37.829 | 5.4   | 101   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 38.177 | 4.6   | 102   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 104   | 0.00     |
| 77   | Benzydine                  | 40.000 | 24.877 | 37.8# | 59    | 0.00     |
| 78   | Pyrene                     | 40.000 | 38.897 | 2.8   | 102   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 75.874 | 5.2   | 101   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 37.976 | 5.1   | 102   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 38.444 | 3.9   | 104   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 35.660 | 10.9  | 94    | 0.00     |
| 83   | Chrysene                   | 40.000 | 38.247 | 4.4   | 103   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 38.453 | 3.9   | 104   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 38.886 | 2.8   | 105   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 104   | 0.01     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 38.440 | 3.9   | 104   | 0.01     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 38.976 | 2.6   | 106   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 38.109 | 4.7   | 103   | 0.00     |
| 90 C | Benzo(a)pyrene             | 40.000 | 38.414 | 4.0   | 105   | 0.01     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 38.235 | 4.4   | 104   | 0.01     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 38.306 | 4.2   | 104   | 0.01     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112221\  
Data File : BG051165.D  
Acq On : 22 Nov 2021 10:06  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Nov 22 17:15:42 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 19 16:26:22 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