

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062822\  
 Data File : BG054114.D  
 Acq On : 28 Jun 2022 11:09  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jun 28 14:38:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 00:27:54 2022  
 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    | 102   | 0.00     |
| 2    | 1,4-Dioxane                 | 40.000 | 35.312 | 11.7   | 89    | 0.00     |
| 3    | Pyridine                    | 40.000 | 40.138 | -0.3   | 98    | 0.00     |
| 4    | n-Nitrosodimethylamine      | 40.000 | 41.441 | -3.6   | 100   | 0.00     |
| 5 S  | 2-Fluorophenol              | 80.000 | 82.062 | -2.6   | 103   | 0.00     |
| 6    | Aniline                     | 40.000 | 43.066 | -7.7   | 107   | 0.00     |
| 7 S  | Phenol-d6                   | 80.000 | 88.734 | -10.9  | 111   | 0.00     |
| 8    | 2-Chlorophenol              | 40.000 | 43.360 | -8.4   | 109   | 0.00     |
| 9    | Benzaldehyde                | 40.000 | 39.719 | 0.7    | 109   | 0.00     |
| 10 C | Phenol                      | 40.000 | 44.665 | -11.7  | 110   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 40.000 | 42.569 | -6.4   | 109   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 40.000 | 39.690 | 0.8    | 103   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 40.000 | 39.810 | 0.5    | 104   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 40.000 | 40.308 | -0.8   | 103   | 0.00     |
| 15   | Benzyl Alcohol              | 40.000 | 47.127 | -17.8  | 116   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 40.000 | 45.267 | -13.2  | 115   | 0.00     |
| 17   | 2-Methylphenol              | 40.000 | 46.259 | -15.6  | 116   | 0.00     |
| 18   | Hexachloroethane            | 40.000 | 41.648 | -4.1   | 106   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 40.000 | 47.042 | -17.6  | 118   | 0.00     |
| 20   | 3+4-Methylphenols           | 40.000 | 46.300 | -15.7  | 116   | 0.00     |
| 21 I | Naphthalene-d8              | 20.000 | 20.000 | 0.0    | 113   | 0.00     |
| 22   | Acetophenone                | 40.000 | 40.157 | -0.4   | 113   | 0.00     |
| 23 S | Nitrobenzene-d5             | 80.000 | 82.647 | -3.3   | 115   | 0.00     |
| 24   | Nitrobenzene                | 40.000 | 42.417 | -6.0   | 118   | 0.00     |
| 25   | Isophorone                  | 40.000 | 42.334 | -5.8   | 119   | 0.00     |
| 26 C | 2-Nitrophenol               | 40.000 | 46.438 | -16.1  | 126   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 40.000 | 43.076 | -7.7   | 120   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 40.000 | 41.609 | -4.0   | 118   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 40.000 | 43.537 | -8.8   | 121   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 40.000 | 39.253 | 1.9    | 110   | 0.00     |
| 31   | Naphthalene                 | 40.000 | 40.742 | -1.9   | 115   | 0.00     |
| 32   | Benzoic acid                | 40.000 | 55.211 | -38.0# | 194   | 0.00     |
| 33   | 4-Chloroaniline             | 40.000 | 43.633 | -9.1   | 120   | 0.00     |
| 34 C | Hexachlorobutadiene         | 40.000 | 37.635 | 5.9    | 104   | 0.00     |
| 35   | Caprolactam                 | 40.000 | 47.771 | -19.4  | 127   | 0.02     |
| 36 C | 4-Chloro-3-methylphenol     | 40.000 | 46.554 | -16.4  | 127   | 0.00     |
| 37   | 2-Methylnaphthalene         | 40.000 | 42.287 | -5.7   | 119   | 0.00     |
| 38   | 1-Methylnaphthalene         | 40.000 | 41.772 | -4.4   | 118   | 0.00     |
| 39 I | Acenaphthene-d10            | 20.000 | 20.000 | 0.0    | 119   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 40.000 | 38.042 | 4.9    | 112   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 40.000 | 41.827 | -4.6   | 120   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 80.000 | 81.391 | -1.7   | 118   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 40.000 | 42.804 | -7.0   | 122   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 40.000 | 43.376 | -8.4   | 125   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 80.000 | 79.444 | 0.7    | 118   | 0.00     |
| 46   | 1,1'-Biphenyl               | 40.000 | 40.419 | -1.0   | 119   | 0.00     |
| 47   | 2-Chloronaphthalene         | 40.000 | 40.561 | -1.4   | 119   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062822\  
 Data File : BG054114.D  
 Acq On : 28 Jun 2022 11:09  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jun 28 14:38:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 00:27:54 2022  
 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 | 46.728 | -16.8 | 132   | 0.00     |
| 49   | Acenaphthylene             | 40.000 | 41.192 | -3.0  | 121   | 0.00     |
| 50   | Dimethylphthalate          | 40.000 | 40.850 | -2.1  | 121   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 40.000 | 43.974 | -9.9  | 126   | 0.00     |
| 52 C | Acenaphthene               | 40.000 | 41.727 | -4.3  | 122   | 0.00     |
| 53   | 3-Nitroaniline             | 40.000 | 44.358 | -10.9 | 125   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 40.000 | 45.293 | -13.2 | 147   | 0.00     |
| 55   | Dibenzofuran               | 40.000 | 40.977 | -2.4  | 121   | 0.00     |
| 56 P | 4-Nitrophenol              | 40.000 | 43.133 | -7.8  | 122   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 40.000 | 44.834 | -12.1 | 127   | 0.00     |
| 58   | Fluorene                   | 40.000 | 41.211 | -3.0  | 122   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 40.000 | 42.225 | -5.6  | 121   | 0.00     |
| 60   | Diethylphthalate           | 40.000 | 41.344 | -3.4  | 123   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 40.000 | 39.594 | 1.0   | 118   | 0.00     |
| 62   | 4-Nitroaniline             | 40.000 | 42.569 | -6.4  | 124   | 0.00     |
| 63   | Azobenzene                 | 40.000 | 43.585 | -9.0  | 131   | 0.00     |
| 64 I | Phenanthrene-d10           | 20.000 | 20.000 | 0.0   | 119   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 40.000 | 47.321 | -18.3 | 136   | 0.01     |
| 66 c | n-Nitrosodiphenylamine     | 40.000 | 41.778 | -4.4  | 122   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 40.000 | 40.714 | -1.8  | 120   | 0.00     |
| 68   | Hexachlorobenzene          | 40.000 | 38.195 | 4.5   | 113   | 0.00     |
| 69   | Atrazine                   | 40.000 | 40.559 | -1.4  | 116   | 0.00     |
| 70 C | Pentachlorophenol          | 40.000 | 41.708 | -4.3  | 119   | 0.00     |
| 71   | Phenanthrene               | 40.000 | 40.041 | -0.1  | 118   | 0.00     |
| 72   | Anthracene                 | 40.000 | 40.381 | -1.0  | 119   | 0.00     |
| 73   | Carbazole                  | 40.000 | 39.694 | 0.8   | 117   | 0.00     |
| 74   | Di-n-butylphthalate        | 40.000 | 41.816 | -4.5  | 122   | 0.00     |
| 75 C | Fluoranthene               | 40.000 | 36.514 | 8.7   | 108   | 0.00     |
| 76 I | Chrysene-d12               | 20.000 | 20.000 | 0.0   | 100   | 0.00     |
| 77   | Benzidine                  | 40.000 | 36.643 | 8.4   | 88    | 0.00     |
| 78   | Pyrene                     | 40.000 | 44.037 | -10.1 | 107   | 0.00     |
| 79 S | Terphenyl-d14              | 80.000 | 84.426 | -5.5  | 102   | 0.00     |
| 80   | Butylbenzylphthalate       | 40.000 | 46.648 | -16.6 | 112   | 0.00     |
| 81   | Benzo(a)anthracene         | 40.000 | 40.529 | -1.3  | 100   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 40.000 | 40.979 | -2.4  | 98    | 0.00     |
| 83   | Chrysene                   | 40.000 | 40.253 | -0.6  | 100   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 40.000 | 45.812 | -14.5 | 110   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 40.000 | 45.952 | -14.9 | 110   | 0.00     |
| 86 I | Perylene-d12               | 20.000 | 20.000 | 0.0   | 97    | 0.02     |
| 87   | Indeno(1,2,3-cd)pyrene     | 40.000 | 39.492 | 1.3   | 95    | 0.04     |
| 88   | Benzo(b)fluoranthene       | 40.000 | 39.423 | 1.4   | 94    | 0.01     |
| 89   | Benzo(k)fluoranthene       | 40.000 | 39.938 | 0.2   | 98    | 0.01     |
| 90 C | Benzo(a)pyrene             | 40.000 | 40.194 | -0.5  | 96    | 0.01     |
| 91   | Dibenzo(a,h)anthracene     | 40.000 | 39.317 | 1.7   | 95    | 0.04     |
| 92   | Benzo(g,h,i)perylene       | 40.000 | 39.346 | 1.6   | 95    | 0.03     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062822\  
Data File : BG054114.D  
Acq On : 28 Jun 2022 11:09  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Jun 28 14:38:10 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 27 00:27:54 2022  
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