

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111621\  
 Data File : BG051042.D  
 Acq On : 15 Nov 2021 15:10  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 15 16:05:43 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 03:55:35 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                    | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|-------|-------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 97    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.648 | 0.574 | 11.4  | 90    | 0.00     |
| 3    | Pyridine                    | 1.775 | 1.705 | 3.9   | 90    | 0.02     |
| 4    | n-Nitrosodimethylamine      | 0.787 | 0.746 | 5.2   | 91    | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.337 | 1.330 | 0.5   | 95    | 0.00     |
| 6    | Aniline                     | 2.247 | 2.200 | 2.1   | 93    | 0.00     |
| 7 S  | Phenol-d6                   | 1.887 | 1.845 | 2.2   | 93    | 0.00     |
| 8    | 2-Chlorophenol              | 1.373 | 1.350 | 1.7   | 95    | 0.00     |
| 9    | Benzaldehyde                | 1.358 | 1.238 | 8.8   | 89    | 0.00     |
| 10 C | Phenol                      | 1.938 | 1.882 | 2.9   | 92    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.493 | 1.408 | 5.7   | 91    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.496 | 1.479 | 1.1   | 95    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.505 | 1.483 | 1.5   | 94    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.462 | 1.430 | 2.2   | 94    | 0.00     |
| 15   | Benzyl Alcohol              | 1.484 | 1.518 | -2.3  | 97    | 0.01     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.394 | 2.097 | 12.4  | 88    | 0.00     |
| 17   | 2-Methylphenol              | 1.290 | 1.276 | 1.1   | 93    | 0.00     |
| 18   | Hexachloroethane            | 0.571 | 0.551 | 3.5   | 95    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.395 | 1.340 | 3.9   | 93    | 0.01     |
| 20   | 3+4-Methylphenols           | 1.821 | 1.786 | 1.9   | 92    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 95    | 0.00     |
| 22   | Acetophenone                | 0.556 | 0.546 | 1.8   | 94    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.452 | 0.444 | 1.8   | 93    | 0.00     |
| 24   | Nitrobenzene                | 0.445 | 0.434 | 2.5   | 92    | 0.00     |
| 25   | Isophorone                  | 0.817 | 0.811 | 0.7   | 94    | 0.02     |
| 26 C | 2-Nitrophenol               | 0.189 | 0.192 | -1.6  | 92    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.289 | 0.299 | -3.5  | 95    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.485 | 0.463 | 4.5   | 91    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.309 | 0.325 | -5.2  | 98    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.346 | 0.359 | -3.8  | 98    | 0.00     |
| 31   | Naphthalene                 | 1.074 | 1.060 | 1.3   | 94    | 0.00     |
| 32   | Benzoic acid                | 0.222 | 0.256 | -15.3 | 100   | 0.01     |
| 33   | 4-Chloroaniline             | 0.454 | 0.464 | -2.2  | 96    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.210 | 0.222 | -5.7  | 100   | 0.00     |
| 35   | Caprolactam                 | 0.084 | 0.088 | -4.8  | 95    | 0.07     |
| 36 C | 4-Chloro-3-methylphenol     | 0.385 | 0.405 | -5.2  | 99    | 0.01     |
| 37   | 2-Methylnaphthalene         | 0.730 | 0.743 | -1.8  | 97    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.713 | 0.721 | -1.1  | 96    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.583 | 0.592 | -1.5  | 101   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.198 | 0.212 | -7.1  | 97    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.200 | 0.224 | -12.0 | 110   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.416 | 0.447 | -7.5  | 106   | 0.01     |
| 44   | 2,4,5-Trichlorophenol       | 0.443 | 0.473 | -6.8  | 106   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.266 | 1.303 | -2.9  | 99    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.460 | 1.439 | 1.4   | 98    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.145 | 1.132 | 1.1   | 98    | 0.01     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111621\  
 Data File : BG051042.D  
 Acq On : 15 Nov 2021 15:10  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 15 16:05:43 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 03:55:35 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                   | AvgRF | CCRF  | %Dev   | Area% | Dev(min) |
|------|----------------------------|-------|-------|--------|-------|----------|
| 48   | 2-Nitroaniline             | 0.439 | 0.435 | 0.9    | 95    | 0.00     |
| 49   | Acenaphthylene             | 1.852 | 1.835 | 0.9    | 99    | 0.00     |
| 50   | Dimethylphthalate          | 1.574 | 1.563 | 0.7    | 99    | 0.01     |
| 51   | 2,6-Dinitrotoluene         | 0.324 | 0.326 | -0.6   | 100   | 0.00     |
| 52 C | Acenaphthene               | 1.079 | 1.083 | -0.4   | 100   | 0.01     |
| 53   | 3-Nitroaniline             | 0.379 | 0.379 | 0.0    | 96    | 0.01     |
| 54 P | 2,4-Dinitrophenol          | 0.177 | 0.199 | -12.4  | 99    | 0.01     |
| 55   | Dibenzofuran               | 1.835 | 1.855 | -1.1   | 101   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.290 | 0.303 | -4.5   | 100   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.460 | 0.468 | -1.7   | 98    | 0.00     |
| 58   | Fluorene                   | 1.433 | 1.452 | -1.3   | 101   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.378 | 0.418 | -10.6  | 110   | 0.00     |
| 60   | Diethylphthalate           | 1.651 | 1.645 | 0.4    | 99    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.774 | 0.806 | -4.1   | 104   | 0.00     |
| 62   | 4-Nitroaniline             | 0.393 | 0.393 | 0.0    | 95    | 0.01     |
| 63   | Azobenzene                 | 1.750 | 1.704 | 2.6    | 96    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 98    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.124 | 0.132 | -6.5   | 98    | 0.01     |
| 66 c | n-Nitrosodiphenylamine     | 0.574 | 0.583 | -1.6   | 100   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.209 | 0.221 | -5.7   | 104   | 0.00     |
| 68   | Hexachlorobenzene          | 0.206 | 0.221 | -7.3   | 106   | 0.00     |
| 69   | Atrazine                   | 0.143 | 0.144 | -0.7   | 96    | 0.01     |
| 70 C | Pentachlorophenol          | 0.117 | 0.142 | -21.4# | 108   | 0.00     |
| 71   | Phenanthrene               | 1.067 | 1.063 | 0.4    | 98    | 0.00     |
| 72   | Anthracene                 | 1.061 | 1.045 | 1.5    | 96    | 0.01     |
| 73   | Carbazole                  | 1.051 | 1.001 | 4.8    | 92    | 0.01     |
| 74   | Di-n-butylphthalate        | 1.245 | 1.189 | 4.5    | 92    | 0.00     |
| 75 C | Fluoranthene               | 1.309 | 1.220 | 6.8    | 94    | 0.01     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 94    | 0.00     |
| 77   | Benzydine                  | 0.378 | 0.442 | -16.9  | 98    | 0.01     |
| 78   | Pyrene                     | 1.500 | 1.464 | 2.4    | 91    | 0.00     |
| 79 S | Terphenyl-d14              | 1.093 | 1.090 | 0.3    | 94    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.645 | 0.636 | 1.4    | 91    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.373 | 1.387 | -1.0   | 94    | 0.01     |
| 82   | 3,3'-Dichlorobenzidine     | 0.628 | 0.664 | -5.7   | 98    | 0.01     |
| 83   | Chrysene                   | 1.295 | 1.297 | -0.2   | 94    | 0.01     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.908 | 0.895 | 1.4    | 91    | 0.01     |
| 85 c | Di-n-octyl phthalate       | 1.529 | 1.499 | 2.0    | 90    | 0.01     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 96    | 0.02     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.420 | 1.431 | -0.8   | 96    | 0.02     |
| 88   | Benzo(b)fluoranthene       | 1.259 | 1.241 | 1.4    | 95    | 0.01     |
| 89   | Benzo(k)fluoranthene       | 1.256 | 1.257 | -0.1   | 93    | 0.02     |
| 90 C | Benzo(a)pyrene             | 1.075 | 1.069 | 0.6    | 94    | 0.02     |
| 91   | Dibenzo(a,h)anthracene     | 1.169 | 1.179 | -0.9   | 96    | 0.04     |
| 92   | Benzo(g,h,i)perylene       | 1.150 | 1.157 | -0.6   | 95    | 0.04     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111621\  
Data File : BG051042.D  
Acq On : 15 Nov 2021 15:10  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Nov 15 16:05:43 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 15 03:55:35 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 | AvgRF | CCRF | %Dev Area | % Dev(min) |
|----------|-------|------|-----------|------------|
|----------|-------|------|-----------|------------|

(#) = Out of Range

SPCC's out = 0 CCC's out = 1