

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060623\  
 Data File : BG057636.D  
 Acq On : 6 Jun 2023 14:00  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jun 06 14:34:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG052723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 01 03:51:58 2023  
 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  | 165#  | 0.00     |
| 2    | 1,4-Dioxane                 | 0.477 | 0.462 | 3.1  | 166#  | 0.00     |
| 3    | Pyridine                    | 1.458 | 1.481 | -1.6 | 163#  | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.590 | 0.561 | 4.9  | 153#  | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.151 | 1.170 | -1.7 | 164#  | 0.00     |
| 6    | Aniline                     | 2.180 | 2.188 | -0.4 | 160#  | 0.00     |
| 7 S  | Phenol-d6                   | 1.802 | 1.808 | -0.3 | 158#  | 0.00     |
| 8    | 2-Chlorophenol              | 1.236 | 1.247 | -0.9 | 162#  | 0.00     |
| 9    | Benzaldehyde                | 1.194 | 1.067 | 10.6 | 145   | 0.00     |
| 10 C | Phenol                      | 1.705 | 1.709 | -0.2 | 158#  | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.273 | 1.298 | -2.0 | 165#  | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.317 | 1.340 | -1.7 | 167#  | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.340 | 1.348 | -0.6 | 163#  | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.307 | 1.323 | -1.2 | 165#  | 0.00     |
| 15   | Benzyl Alcohol              | 1.386 | 1.339 | 3.4  | 149   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.581 | 1.671 | -5.7 | 173#  | 0.00     |
| 17   | 2-Methylphenol              | 1.252 | 1.264 | -1.0 | 163#  | 0.00     |
| 18   | Hexachloroethane            | 0.459 | 0.490 | -6.8 | 174#  | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.252 | 1.282 | -2.4 | 158#  | 0.00     |
| 20   | 3+4-Methylphenols           | 1.758 | 1.761 | -0.2 | 157#  | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0  | 161#  | 0.00     |
| 22   | Acetophenone                | 0.535 | 0.525 | 1.9  | 159#  | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.428 | 0.422 | 1.4  | 156#  | 0.00     |
| 24   | Nitrobenzene                | 0.434 | 0.426 | 1.8  | 156#  | 0.00     |
| 25   | Isophorone                  | 0.841 | 0.845 | -0.5 | 159#  | 0.00     |
| 26 C | 2-Nitrophenol               | 0.186 | 0.191 | -2.7 | 157#  | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.322 | 0.322 | 0.0  | 157#  | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.436 | 0.456 | -4.6 | 166#  | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.338 | 0.335 | 0.9  | 156#  | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.369 | 0.359 | 2.7  | 159#  | 0.00     |
| 31   | Naphthalene                 | 1.058 | 1.055 | 0.3  | 160#  | 0.00     |
| 32   | Benzoic acid                | 0.167 | 0.147 | 12.0 | 134   | 0.01     |
| 33   | 4-Chloroaniline             | 0.487 | 0.481 | 1.2  | 156#  | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.255 | 0.253 | 0.8  | 160#  | 0.00     |
| 35   | Caprolactam                 | 0.140 | 0.121 | 13.6 | 136   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.400 | 0.389 | 2.8  | 149   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.830 | 0.820 | 1.2  | 156#  | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.792 | 0.776 | 2.0  | 156#  | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0  | 147   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.656 | 0.691 | -5.3 | 156#  | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.100 | 0.090 | 10.0 | 129   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.320 | 0.298 | 6.9  | 135   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.413 | 0.430 | -4.1 | 149   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.492 | 0.500 | -1.6 | 145   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.392 | 1.444 | -3.7 | 154#  | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.429 | 1.490 | -4.3 | 153#  | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.077 | 1.119 | -3.9 | 151#  | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060623\  
 Data File : BG057636.D  
 Acq On : 6 Jun 2023 14:00  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Jun 06 14:34:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG052723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 01 03:51:58 2023  
 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             | 0.377 | 0.378 | -0.3 | 143   | 0.00     |
| 49   | Acenaphthylene             | 1.823 | 1.867 | -2.4 | 150   | 0.00     |
| 50   | Dimethylphthalate          | 1.648 | 1.615 | 2.0  | 146   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.353 | 0.361 | -2.3 | 147   | 0.00     |
| 52 C | Acenaphthene               | 1.116 | 1.127 | -1.0 | 148   | 0.00     |
| 53   | 3-Nitroaniline             | 0.368 | 0.369 | -0.3 | 145   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.173 | 0.159 | 8.1  | 128   | 0.00     |
| 55   | Dibenzofuran               | 1.906 | 1.900 | 0.3  | 147   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.245 | 0.222 | 9.4  | 130   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.528 | 0.514 | 2.7  | 141   | 0.00     |
| 58   | Fluorene                   | 1.610 | 1.573 | 2.3  | 144   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.461 | 0.434 | 5.9  | 133   | 0.00     |
| 60   | Diethylphthalate           | 1.720 | 1.656 | 3.7  | 143   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.897 | 0.892 | 0.6  | 147   | 0.00     |
| 62   | 4-Nitroaniline             | 0.397 | 0.378 | 4.8  | 135   | 0.00     |
| 63   | Azobenzene                 | 1.530 | 1.527 | 0.2  | 146   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 135   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.122 | 0.126 | -3.3 | 136   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.520 | 0.557 | -7.1 | 143   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.224 | 0.240 | -7.1 | 140   | 0.00     |
| 68   | Hexachlorobenzene          | 0.231 | 0.240 | -3.9 | 140   | 0.00     |
| 69   | Atrazine                   | 0.223 | 0.215 | 3.6  | 132   | 0.00     |
| 70 C | Pentachlorophenol          | 0.118 | 0.107 | 9.3  | 120   | 0.00     |
| 71   | Phenanthrene               | 1.023 | 1.038 | -1.5 | 136   | 0.00     |
| 72   | Anthracene                 | 1.050 | 1.066 | -1.5 | 135   | 0.00     |
| 73   | Carbazole                  | 0.939 | 0.921 | 1.9  | 133   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.115 | 1.106 | 0.8  | 136   | 0.00     |
| 75 C | Fluoranthene               | 1.329 | 1.242 | 6.5  | 128   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 121   | 0.00     |
| 77   | Benzidine                  | 0.605 | 0.547 | 9.6  | 112   | 0.00     |
| 78   | Pyrene                     | 1.424 | 1.521 | -6.8 | 126   | 0.00     |
| 79 S | Terphenyl-d14              | 1.155 | 1.194 | -3.4 | 124   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.519 | 0.554 | -6.7 | 128   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.388 | 1.416 | -2.0 | 122   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.512 | 0.505 | 1.4  | 118   | 0.01     |
| 83   | Chrysene                   | 1.311 | 1.325 | -1.1 | 121   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.740 | 0.789 | -6.6 | 128   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.226 | 1.325 | -8.1 | 129   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0  | 123   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.394 | 1.412 | -1.3 | 123   | 0.02     |
| 88   | Benzo(b)fluoranthene       | 1.231 | 1.220 | 0.9  | 123   | 0.01     |
| 89   | Benzo(k)fluoranthene       | 1.242 | 1.251 | -0.7 | 122   | 0.01     |
| 90 C | Benzo(a)pyrene             | 1.201 | 1.194 | 0.6  | 121   | 0.02     |
| 91   | Dibenzo(a,h)anthracene     | 1.160 | 1.178 | -1.6 | 123   | 0.02     |
| 92   | Benzo(g,h,i)perylene       | 1.132 | 1.150 | -1.6 | 124   | 0.03     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060623\  
Data File : BG057636.D  
Acq On : 6 Jun 2023 14:00  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Jun 06 14:34:06 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG052723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 01 03:51:58 2023  
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 = 0