

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021121\  
 Data File : BG048143.D  
 Acq On : 11 Feb 2021 19:54  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Feb 11 23:43:35 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG021021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 10 17:26:23 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   | 121   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.538 | 0.530 | 1.5   | 119   | 0.00     |
| 3    | Pyridine                    | 1.489 | 1.535 | -3.1  | 117   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.790 | 0.782 | 1.0   | 122   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.175 | 1.170 | 0.4   | 120   | 0.00     |
| 6    | Aniline                     | 2.133 | 2.050 | 3.9   | 118   | 0.00     |
| 7 S  | Phenol-d6                   | 1.785 | 1.750 | 2.0   | 120   | 0.00     |
| 8    | 2-Chlorophenol              | 1.291 | 1.269 | 1.7   | 118   | 0.00     |
| 9    | Benzaldehyde                | 1.265 | 1.215 | 4.0   | 122   | 0.00     |
| 10 C | Phenol                      | 1.805 | 1.754 | 2.8   | 119   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.406 | 1.319 | 6.2   | 114   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.491 | 1.455 | 2.4   | 121   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.503 | 1.465 | 2.5   | 121   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.430 | 1.383 | 3.3   | 121   | 0.00     |
| 15   | Benzyl Alcohol              | 1.573 | 1.568 | 0.3   | 117   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 1.824 | 1.737 | 4.8   | 116   | 0.00     |
| 17   | 2-Methylphenol              | 1.177 | 1.130 | 4.0   | 114   | 0.00     |
| 18   | Hexachloroethane            | 0.573 | 0.550 | 4.0   | 116   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.378 | 1.284 | 6.8   | 113   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.640 | 1.568 | 4.4   | 114   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 114   | 0.00     |
| 22   | Acetophenone                | 0.574 | 0.565 | 1.6   | 115   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.473 | 0.477 | -0.8  | 116   | 0.00     |
| 24   | Nitrobenzene                | 0.504 | 0.507 | -0.6  | 116   | 0.00     |
| 25   | Isophorone                  | 0.938 | 0.914 | 2.6   | 109   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.209 | 0.216 | -3.3  | 118   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.300 | 0.306 | -2.0  | 118   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.458 | 0.452 | 1.3   | 113   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.384 | 0.385 | -0.3  | 115   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.437 | 0.443 | -1.4  | 116   | 0.00     |
| 31   | Naphthalene                 | 1.104 | 1.086 | 1.6   | 114   | 0.00     |
| 32   | Benzoic acid                | 0.184 | 0.210 | -14.1 | 110   | 0.00     |
| 33   | 4-Chloroaniline             | 0.479 | 0.467 | 2.5   | 112   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.327 | 0.330 | -0.9  | 116   | 0.00     |
| 35   | Caprolactam                 | 0.127 | 0.124 | 2.4   | 107   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.425 | 0.410 | 3.5   | 110   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.858 | 0.838 | 2.3   | 112   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.812 | 0.785 | 3.3   | 111   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 113   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.714 | 0.722 | -1.1  | 114   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.436 | 0.454 | -4.1  | 112   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.320 | 0.318 | 0.6   | 113   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.513 | 0.521 | -1.6  | 114   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.554 | 0.540 | 2.5   | 110   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.427 | 1.396 | 2.2   | 112   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.433 | 1.405 | 2.0   | 111   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.219 | 1.197 | 1.8   | 110   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021121\  
 Data File : BG048143.D  
 Acq On : 11 Feb 2021 19:54  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Feb 11 23:43:35 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG021021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 10 17:26:23 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             | 0.438 | 0.433 | 1.1  | 110   | 0.00     |
| 49   | Acenaphthylene             | 1.886 | 1.829 | 3.0  | 110   | 0.00     |
| 50   | Dimethylphthalate          | 1.672 | 1.582 | 5.4  | 108   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.376 | 0.362 | 3.7  | 110   | 0.00     |
| 52 C | Acenaphthene               | 1.277 | 1.260 | 1.3  | 110   | 0.00     |
| 53   | 3-Nitroaniline             | 0.369 | 0.351 | 4.9  | 107   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.245 | 0.240 | 2.0  | 105   | 0.00     |
| 55   | Dibenzofuran               | 1.997 | 1.911 | 4.3  | 110   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.303 | 0.291 | 4.0  | 106   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.543 | 0.520 | 4.2  | 108   | 0.00     |
| 58   | Fluorene                   | 1.584 | 1.514 | 4.4  | 109   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.554 | 0.528 | 4.7  | 106   | 0.00     |
| 60   | Diethylphthalate           | 1.710 | 1.623 | 5.1  | 107   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.954 | 0.927 | 2.8  | 110   | 0.00     |
| 62   | 4-Nitroaniline             | 0.384 | 0.368 | 4.2  | 110   | 0.00     |
| 63   | Azobenzene                 | 1.706 | 1.629 | 4.5  | 111   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0  | 109   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.145 | 0.150 | -3.4 | 109   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.578 | 0.576 | 0.3  | 108   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.256 | 0.256 | 0.0  | 109   | 0.00     |
| 68   | Hexachlorobenzene          | 0.265 | 0.265 | 0.0  | 108   | 0.00     |
| 69   | Atrazine                   | 0.241 | 0.241 | 0.0  | 108   | 0.00     |
| 70 C | Pentachlorophenol          | 0.174 | 0.184 | -5.7 | 107   | 0.00     |
| 71   | Phenanthrene               | 1.086 | 1.062 | 2.2  | 108   | 0.00     |
| 72   | Anthracene                 | 1.078 | 1.059 | 1.8  | 108   | 0.00     |
| 73   | Carbazole                  | 1.020 | 1.000 | 2.0  | 109   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.130 | 1.113 | 1.5  | 107   | 0.00     |
| 75 C | Fluoranthene               | 1.414 | 1.393 | 1.5  | 109   | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0  | 108   | 0.00     |
| 77   | Benzydine                  | 0.653 | 0.653 | 0.0  | 105   | 0.00     |
| 78   | Pyrene                     | 1.397 | 1.376 | 1.5  | 107   | 0.00     |
| 79 S | Terphenyl-d14              | 1.094 | 1.023 | 6.5  | 107   | 0.00     |
| 80   | Butylbenzylphthalate       | 0.489 | 0.497 | -1.6 | 108   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.395 | 1.385 | 0.7  | 109   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.500 | 0.493 | 1.4  | 107   | 0.00     |
| 83   | Chrysene                   | 1.333 | 1.329 | 0.3  | 108   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.687 | 0.698 | -1.6 | 109   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.170 | 1.190 | -1.7 | 108   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0  | 111   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.515 | 1.516 | -0.1 | 110   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.383 | 1.391 | -0.6 | 110   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.319 | 1.294 | 1.9  | 109   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.283 | 1.269 | 1.1  | 109   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.293 | 1.278 | 1.2  | 108   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.256 | 1.248 | 0.6  | 110   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021121\  
Data File : BG048143.D  
Acq On : 11 Feb 2021 19:54  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Feb 11 23:43:35 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG021021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 10 17:26:23 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 = 0