

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111722\  
 Data File : BG055667.D  
 Acq On : 17 Nov 2022 15:50  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 18 03:14:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 02:02:46 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                    | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|-------|-------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 104   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.473 | 0.457 | 3.4   | 102   | 0.00     |
| 3    | Pyridine                    | 1.451 | 1.476 | -1.7  | 102   | 0.00     |
| 4    | n-Nitrosodimethylamine      | 0.768 | 0.782 | -1.8  | 104   | 0.00     |
| 5 S  | 2-Fluorophenol              | 1.106 | 1.115 | -0.8  | 104   | 0.00     |
| 6    | Aniline                     | 1.850 | 1.933 | -4.5  | 105   | 0.00     |
| 7 S  | Phenol-d6                   | 1.473 | 1.545 | -4.9  | 105   | 0.00     |
| 8    | 2-Chlorophenol              | 1.265 | 1.299 | -2.7  | 105   | 0.00     |
| 9    | Benzaldehyde                | 1.000 | 1.023 | -2.3  | 107   | 0.00     |
| 10 C | Phenol                      | 1.649 | 1.730 | -4.9  | 107   | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.264 | 1.291 | -2.1  | 105   | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.487 | 1.492 | -0.3  | 106   | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.503 | 1.506 | -0.2  | 105   | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.440 | 1.443 | -0.2  | 105   | 0.00     |
| 15   | Benzyl Alcohol              | 1.197 | 1.350 | -12.8 | 112   | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.288 | 2.365 | -3.4  | 105   | 0.00     |
| 17   | 2-Methylphenol              | 1.171 | 1.246 | -6.4  | 107   | 0.00     |
| 18   | Hexachloroethane            | 0.517 | 0.533 | -3.1  | 105   | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.132 | 1.207 | -6.6  | 106   | 0.00     |
| 20   | 3+4-Methylphenols           | 1.636 | 1.776 | -8.6  | 108   | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 106   | 0.00     |
| 22   | Acetophenone                | 0.520 | 0.520 | 0.0   | 105   | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.378 | 0.388 | -2.6  | 108   | 0.00     |
| 24   | Nitrobenzene                | 0.395 | 0.399 | -1.0  | 107   | 0.00     |
| 25   | Isophorone                  | 0.717 | 0.745 | -3.9  | 107   | 0.00     |
| 26 C | 2-Nitrophenol               | 0.182 | 0.197 | -8.2  | 110   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.278 | 0.291 | -4.7  | 109   | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.385 | 0.390 | -1.3  | 106   | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.332 | 0.348 | -4.8  | 108   | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.386 | 0.389 | -0.8  | 109   | 0.00     |
| 31   | Naphthalene                 | 1.081 | 1.080 | 0.1   | 106   | 0.00     |
| 32   | Benzoic acid                | 0.228 | 0.255 | -11.8 | 116   | 0.00     |
| 33   | 4-Chloroaniline             | 0.446 | 0.460 | -3.1  | 107   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.264 | 0.266 | -0.8  | 108   | 0.00     |
| 35   | Caprolactam                 | 0.115 | 0.116 | -0.9  | 101   | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.365 | 0.392 | -7.4  | 111   | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.810 | 0.831 | -2.6  | 107   | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.786 | 0.809 | -2.9  | 107   | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 107   | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.629 | 0.627 | 0.3   | 109   | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.317 | 0.328 | -3.5  | 106   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.282 | 0.286 | -1.4  | 106   | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.429 | 0.440 | -2.6  | 108   | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.471 | 0.487 | -3.4  | 106   | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.335 | 1.300 | 2.6   | 106   | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.457 | 1.441 | 1.1   | 107   | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.133 | 1.124 | 0.8   | 106   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111722\  
 Data File : BG055667.D  
 Acq On : 17 Nov 2022 15:50  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC040

Quant Time: Nov 18 03:14:23 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 02:02:46 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                   | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|----------------------------|-------|-------|-------|-------|----------|
| 48   | 2-Nitroaniline             | 0.372 | 0.387 | -4.0  | 108   | 0.00     |
| 49   | Acenaphthylene             | 1.865 | 1.864 | 0.1   | 106   | 0.00     |
| 50   | Dimethylphthalate          | 1.594 | 1.572 | 1.4   | 104   | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.326 | 0.337 | -3.4  | 108   | 0.00     |
| 52 C | Acenaphthene               | 1.219 | 1.239 | -1.6  | 107   | 0.00     |
| 53   | 3-Nitroaniline             | 0.358 | 0.361 | -0.8  | 104   | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.187 | 0.204 | -9.1  | 112   | 0.00     |
| 55   | Dibenzofuran               | 1.881 | 1.858 | 1.2   | 106   | 0.00     |
| 56 P | 4-Nitrophenol              | 0.281 | 0.283 | -0.7  | 100   | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.460 | 0.473 | -2.8  | 105   | 0.00     |
| 58   | Fluorene                   | 1.502 | 1.475 | 1.8   | 104   | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.457 | 0.456 | 0.2   | 104   | 0.00     |
| 60   | Diethylphthalate           | 1.612 | 1.581 | 1.9   | 104   | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.826 | 0.807 | 2.3   | 104   | 0.00     |
| 62   | 4-Nitroaniline             | 0.374 | 0.372 | 0.5   | 104   | 0.00     |
| 63   | Azobenzene                 | 1.407 | 1.378 | 2.1   | 103   | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0   | 103   | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.112 | 0.124 | -10.7 | 108   | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.551 | 0.557 | -1.1  | 105   | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.228 | 0.230 | -0.9  | 103   | 0.00     |
| 68   | Hexachlorobenzene          | 0.253 | 0.254 | -0.4  | 105   | 0.00     |
| 69   | Atrazine                   | 0.218 | 0.207 | 5.0   | 99    | 0.00     |
| 70 C | Pentachlorophenol          | 0.155 | 0.165 | -6.5  | 103   | 0.00     |
| 71   | Phenanthrene               | 1.079 | 1.058 | 1.9   | 102   | 0.00     |
| 72   | Anthracene                 | 1.049 | 1.030 | 1.8   | 102   | 0.00     |
| 73   | Carbazole                  | 0.943 | 0.908 | 3.7   | 100   | 0.00     |
| 74   | Di-n-butylphthalate        | 1.171 | 1.125 | 3.9   | 99    | 0.00     |
| 75 C | Fluoranthene               | 1.313 | 1.240 | 5.6   | 99    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 77   | Benzydine                  | 0.463 | 0.530 | -14.5 | 109   | 0.00     |
| 78   | Pyrene                     | 1.354 | 1.356 | -0.1  | 98    | 0.00     |
| 79 S | Terphenyl-d14              | 1.000 | 0.988 | 1.2   | 98    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.530 | 0.543 | -2.5  | 100   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.378 | 1.380 | -0.1  | 99    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.484 | 0.497 | -2.7  | 99    | 0.00     |
| 83   | Chrysene                   | 1.311 | 1.303 | 0.6   | 98    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.762 | 0.774 | -1.6  | 100   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.303 | 1.324 | -1.6  | 99    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0   | 98    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.638 | 1.523 | 7.0   | 92    | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.303 | 1.277 | 2.0   | 95    | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.298 | 1.258 | 3.1   | 94    | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.118 | 1.089 | 2.6   | 95    | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 1.339 | 1.263 | 5.7   | 94    | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 1.349 | 1.237 | 8.3   | 90    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111722\  
Data File : BG055667.D  
Acq On : 17 Nov 2022 15:50  
Operator : CG/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC040

Quant Time: Nov 18 03:14:23 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 02:02:46 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 | AvgRF | CCRF | %Dev | Area% | Dev(min) |
|----------|-------|------|------|-------|----------|
|----------|-------|------|------|-------|----------|

(#) = Out of Range

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