

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042423\  
 Data File : BF133000.D  
 Acq On : 24 Apr 2023 17:47  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 25 02:09:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 22 03:30:56 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   | 104   | 0.00     |
| 2    | 1,4-Dioxane                 | 0.614 | 0.582 | 5.2   | 99    | -0.01    |
| 3    | Pyridine                    | 1.631 | 1.614 | 1.0   | 100   | -0.01    |
| 4    | n-Nitrosodimethylamine      | 0.845 | 0.786 | 7.0   | 96    | -0.02    |
| 5 S  | 2-Fluorophenol              | 1.324 | 1.250 | 5.6   | 98    | 0.00     |
| 6    | Aniline                     | 2.117 | 2.002 | 5.4   | 94    | 0.00     |
| 7 S  | Phenol-d6                   | 1.643 | 1.550 | 5.7   | 99    | 0.00     |
| 8    | 2-Chlorophenol              | 1.344 | 1.275 | 5.1   | 98    | 0.00     |
| 9    | Benzaldehyde                | 0.791 | 0.802 | -1.4  | 109   | 0.00     |
| 10 C | Phenol                      | 1.813 | 1.686 | 7.0   | 96    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.360 | 1.249 | 8.2   | 95    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.429 | 1.340 | 6.2   | 97    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.432 | 1.345 | 6.1   | 96    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.321 | 1.245 | 5.8   | 97    | 0.00     |
| 15   | Benzyl Alcohol              | 1.135 | 1.100 | 3.1   | 97    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.363 | 2.144 | 9.3   | 93    | 0.00     |
| 17   | 2-Methylphenol              | 1.231 | 1.151 | 6.5   | 96    | 0.00     |
| 18   | Hexachloroethane            | 0.498 | 0.461 | 7.4   | 96    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.023 | 0.883 | 13.7  | 91    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.450 | 1.347 | 7.1   | 97    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 102   | 0.00     |
| 22   | Acetophenone                | 0.463 | 0.441 | 4.8   | 99    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.371 | 0.359 | 3.2   | 96    | 0.00     |
| 24   | Nitrobenzene                | 0.375 | 0.361 | 3.7   | 96    | 0.00     |
| 25   | Isophorone                  | 0.704 | 0.651 | 7.5   | 93    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.181 | 0.188 | -3.9  | 100   | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.311 | 0.299 | 3.9   | 95    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.416 | 0.388 | 6.7   | 94    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.283 | 0.275 | 2.8   | 96    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.293 | 0.282 | 3.8   | 97    | 0.00     |
| 31   | Naphthalene                 | 1.000 | 0.957 | 4.3   | 96    | 0.00     |
| 32   | Benzoic acid                | 0.192 | 0.226 | -17.7 | 109   | 0.00     |
| 33   | 4-Chloroaniline             | 0.404 | 0.404 | 0.0   | 102   | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.162 | 0.153 | 5.6   | 95    | 0.00     |
| 35   | Caprolactam                 | 0.095 | 0.096 | -1.1  | 98    | -0.01    |
| 36 C | 4-Chloro-3-methylphenol     | 0.305 | 0.286 | 6.2   | 93    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.684 | 0.626 | 8.5   | 92    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.640 | 0.586 | 8.4   | 93    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 99    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.538 | 0.512 | 4.8   | 94    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.314 | 0.303 | 3.5   | 90    | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.201 | 0.202 | -0.5  | 96    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.372 | 0.355 | 4.6   | 92    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.430 | 0.413 | 4.0   | 92    | 0.00     |
| 45 S | 2-Fluorobiphenyl            | 1.195 | 1.177 | 1.5   | 96    | 0.00     |
| 46   | 1,1'-Biphenyl               | 1.586 | 1.507 | 5.0   | 93    | 0.00     |
| 47   | 2-Chloronaphthalene         | 1.161 | 1.109 | 4.5   | 94    | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042423\  
 Data File : BF133000.D  
 Acq On : 24 Apr 2023 17:47  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Apr 25 02:09:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 22 03:30:56 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             | 0.384 | 0.373 | 2.9    | 92    | 0.00     |
| 49   | Acenaphthylene             | 1.855 | 1.792 | 3.4    | 94    | 0.00     |
| 50   | Dimethylphthalate          | 1.395 | 1.324 | 5.1    | 93    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.314 | 0.303 | 3.5    | 93    | 0.00     |
| 52 C | Acenaphthene               | 1.242 | 1.197 | 3.6    | 94    | 0.00     |
| 53   | 3-Nitroaniline             | 0.373 | 0.374 | -0.3   | 94    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.158 | 0.174 | -10.1  | 98    | 0.00     |
| 55   | Dibenzofuran               | 1.695 | 1.621 | 4.4    | 94    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.289 | 0.287 | 0.7    | 92    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.400 | 0.406 | -1.5   | 95    | 0.00     |
| 58   | Fluorene                   | 1.241 | 1.174 | 5.4    | 96    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.333 | 0.320 | 3.9    | 94    | 0.00     |
| 60   | Diethylphthalate           | 1.317 | 1.242 | 5.7    | 92    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.605 | 0.568 | 6.1    | 94    | 0.00     |
| 62   | 4-Nitroaniline             | 0.343 | 0.374 | -9.0   | 107   | 0.00     |
| 63   | Azobenzene                 | 1.395 | 1.303 | 6.6    | 92    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 99    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.121 | 0.134 | -10.7  | 99    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.649 | 0.630 | 2.9    | 97    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.217 | 0.209 | 3.7    | 94    | 0.00     |
| 68   | Hexachlorobenzene          | 0.222 | 0.213 | 4.1    | 94    | 0.00     |
| 69   | Atrazine                   | 0.187 | 0.185 | 1.1    | 94    | 0.00     |
| 70 C | Pentachlorophenol          | 0.158 | 0.161 | -1.9   | 94    | 0.00     |
| 71   | Phenanthrene               | 1.075 | 1.032 | 4.0    | 96    | 0.00     |
| 72   | Anthracene                 | 1.100 | 1.059 | 3.7    | 95    | 0.00     |
| 73   | Carbazole                  | 0.980 | 0.967 | 1.3    | 97    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.109 | 1.101 | 0.7    | 95    | 0.00     |
| 75 C | Fluoranthene               | 1.079 | 1.071 | 0.7    | 97    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 112   | 0.00     |
| 77   | Benzydine                  | 0.338 | 0.431 | -27.5# | 142   | 0.00     |
| 78   | Pyrene                     | 1.714 | 1.526 | 11.0   | 97    | 0.00     |
| 79 S | Terphenyl-d14              | 1.160 | 1.014 | 12.6   | 97    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.607 | 0.637 | -4.9   | 107   | 0.00     |
| 81   | Benzo(a)anthracene         | 1.375 | 1.277 | 7.1    | 101   | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.380 | 0.423 | -11.3  | 115   | 0.00     |
| 83   | Chrysene                   | 1.375 | 1.299 | 5.5    | 103   | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.762 | 0.766 | -0.5   | 105   | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.242 | 1.432 | -15.3  | 119   | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 131   | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.138 | 1.058 | 7.0    | 115   | 0.00     |
| 88   | Benzo(b)fluoranthene       | 1.272 | 1.153 | 9.4    | 113   | 0.00     |
| 89   | Benzo(k)fluoranthene       | 1.261 | 1.177 | 6.7    | 120   | 0.00     |
| 90 C | Benzo(a)pyrene             | 1.158 | 1.085 | 6.3    | 118   | 0.00     |
| 91   | Dibenzo(a,h)anthracene     | 0.949 | 0.887 | 6.5    | 114   | 0.00     |
| 92   | Benzo(g,h,i)perylene       | 0.937 | 0.870 | 7.2    | 113   | 0.00     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042423\  
Data File : BF133000.D  
Acq On : 24 Apr 2023 17:47  
Operator : CG\JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Apr 25 02:09:33 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Apr 22 03:30:56 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