

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\  
 Data File : BF121810.D  
 Acq On : 5 Oct 2020 10:28  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 05 11:03:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 01 14:29:14 2020  
 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                    | AvqRF | CCRF  | %Dev  | Area% | Dev(min) |
|------|-----------------------------|-------|-------|-------|-------|----------|
| 1 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0   | 71    | 0.00     |
| 2    | 1,4-Dioxane                 | 0.618 | 0.564 | 8.7   | 64    | -0.04    |
| 3    | Pyridine                    | 1.709 | 1.633 | 4.4   | 67    | -0.03    |
| 4    | n-Nitrosodimethylamine      | 0.793 | 0.762 | 3.9   | 67    | -0.04    |
| 5 S  | 2-Fluorophenol              | 1.346 | 1.335 | 0.8   | 71    | 0.00     |
| 6    | Aniline                     | 2.299 | 2.160 | 6.0   | 66    | 0.00     |
| 7 S  | Phenol-d6                   | 1.766 | 1.731 | 2.0   | 70    | 0.00     |
| 8    | 2-Chlorophenol              | 1.370 | 1.390 | -1.5  | 72    | 0.00     |
| 9    | Benzaldehyde                | 1.154 | 1.008 | 12.7  | 64    | 0.00     |
| 10 C | Phenol                      | 1.880 | 1.757 | 6.5   | 65    | 0.00     |
| 11   | bis(2-Chloroethyl)ether     | 1.417 | 1.424 | -0.5  | 71    | 0.00     |
| 12   | 1,3-Dichlorobenzene         | 1.529 | 1.538 | -0.6  | 71    | 0.00     |
| 13 C | 1,4-Dichlorobenzene         | 1.536 | 1.532 | 0.3   | 71    | 0.00     |
| 14   | 1,2-Dichlorobenzene         | 1.415 | 1.422 | -0.5  | 71    | 0.00     |
| 15   | Benzyl Alcohol              | 1.200 | 1.225 | -2.1  | 71    | 0.00     |
| 16   | 2,2'-oxybis(1-Chloropropane | 2.280 | 2.259 | 0.9   | 70    | 0.00     |
| 17   | 2-Methylphenol              | 1.166 | 1.185 | -1.6  | 72    | 0.00     |
| 18   | Hexachloroethane            | 0.550 | 0.571 | -3.8  | 73    | 0.00     |
| 19 P | n-Nitroso-di-n-propylamine  | 1.018 | 1.022 | -0.4  | 72    | 0.00     |
| 20   | 3+4-Methylphenols           | 1.401 | 1.394 | 0.5   | 71    | 0.00     |
| 21 I | Naphthalene-d8              | 1.000 | 1.000 | 0.0   | 73    | 0.00     |
| 22   | Acetophenone                | 0.507 | 0.503 | 0.8   | 73    | 0.00     |
| 23 S | Nitrobenzene-d5             | 0.372 | 0.393 | -5.6  | 75    | 0.00     |
| 24   | Nitrobenzene                | 0.403 | 0.421 | -4.5  | 74    | 0.00     |
| 25   | Isophorone                  | 0.750 | 0.757 | -0.9  | 74    | 0.00     |
| 26 C | 2-Nitrophenol               | 0.172 | 0.201 | -16.9 | 78    | 0.00     |
| 27   | 2,4-Dimethylphenol          | 0.335 | 0.333 | 0.6   | 72    | 0.00     |
| 28   | bis(2-Chloroethoxy)methane  | 0.464 | 0.472 | -1.7  | 74    | 0.00     |
| 29 C | 2,4-Dichlorophenol          | 0.305 | 0.314 | -3.0  | 74    | 0.00     |
| 30   | 1,2,4-Trichlorobenzene      | 0.321 | 0.321 | 0.0   | 72    | 0.00     |
| 31   | Naphthalene                 | 1.056 | 1.056 | 0.0   | 72    | 0.00     |
| 32   | Benzoic acid                | 0.221 | 0.172 | 22.2  | 53    | 0.00     |
| 33   | 4-Chloroaniline             | 0.458 | 0.470 | -2.6  | 75    | 0.00     |
| 34 C | Hexachlorobutadiene         | 0.188 | 0.194 | -3.2  | 74    | 0.00     |
| 35   | Caprolactam                 | 0.102 | 0.109 | -6.9  | 77    | 0.00     |
| 36 C | 4-Chloro-3-methylphenol     | 0.328 | 0.342 | -4.3  | 75    | 0.00     |
| 37   | 2-Methylnaphthalene         | 0.692 | 0.692 | 0.0   | 73    | 0.00     |
| 38   | 1-Methylnaphthalene         | 0.644 | 0.647 | -0.5  | 73    | 0.00     |
| 39 I | Acenaphthene-d10            | 1.000 | 1.000 | 0.0   | 76    | 0.00     |
| 40   | 1,2,4,5-Tetrachlorobenzene  | 0.625 | 0.634 | -1.4  | 77    | 0.00     |
| 41 P | Hexachlorocyclopentadiene   | 0.357 | 0.249 | 30.3# | 50#   | 0.00     |
| 42 S | 2,4,6-Tribromophenol        | 0.249 | 0.269 | -8.0  | 81    | 0.00     |
| 43 C | 2,4,6-Trichlorophenol       | 0.426 | 0.412 | 3.3   | 71    | 0.00     |
| 44   | 2,4,5-Trichlorophenol       | 0.450 | 0.440 | 2.2   | 74    | 0.00     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\  
 Data File : BF121810.D  
 Acq On : 5 Oct 2020 10:28  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 LabSampleId :  
 SSTDCCC040

Quant Time: Oct 05 11:03:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 01 14:29:14 2020  
 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                   | AvqRF | CCRF  | %Dev   | Area% | Dev(min) |
|------|----------------------------|-------|-------|--------|-------|----------|
| 45 S | 2-Fluorobiphenyl           | 1.321 | 1.265 | 4.2    | 76    | 0.00     |
| 46   | 1,1'-Biphenyl              | 1.601 | 1.570 | 1.9    | 75    | 0.00     |
| 47   | 2-Chloronaphthalene        | 1.262 | 1.238 | 1.9    | 75    | 0.00     |
| 48   | 2-Nitroaniline             | 0.392 | 0.436 | -11.2  | 80    | 0.00     |
| 49   | Acenaphthylene             | 1.939 | 1.910 | 1.5    | 75    | 0.00     |
| 50   | Dimethylphthalate          | 1.450 | 1.523 | -5.0   | 80    | 0.00     |
| 51   | 2,6-Dinitrotoluene         | 0.309 | 0.337 | -9.1   | 79    | 0.00     |
| 52 C | Acenaphthene               | 1.224 | 1.126 | 8.0    | 70    | 0.00     |
| 53   | 3-Nitroaniline             | 0.358 | 0.380 | -6.1   | 78    | 0.00     |
| 54 P | 2,4-Dinitrophenol          | 0.139 | 0.156 | -12.2  | 82    | 0.00     |
| 55   | Dibenzofuran               | 1.724 | 1.653 | 4.1    | 73    | 0.00     |
| 56 P | 4-Nitrophenol              | 0.285 | 0.241 | 15.4   | 60    | 0.00     |
| 57   | 2,4-Dinitrotoluene         | 0.388 | 0.426 | -9.8   | 78    | 0.00     |
| 58   | Fluorene                   | 1.319 | 1.345 | -2.0   | 80    | 0.00     |
| 59   | 2,3,4,6-Tetrachlorophenol  | 0.366 | 0.370 | -1.1   | 76    | 0.00     |
| 60   | Diethylphthalate           | 1.413 | 1.488 | -5.3   | 80    | 0.00     |
| 61   | 4-Chlorophenyl-phenylether | 0.632 | 0.660 | -4.4   | 81    | 0.00     |
| 62   | 4-Nitroaniline             | 0.355 | 0.385 | -8.5   | 80    | 0.00     |
| 63   | Azobenzene                 | 1.505 | 1.536 | -2.1   | 78    | 0.00     |
| 64 I | Phenanthrene-d10           | 1.000 | 1.000 | 0.0    | 80    | 0.00     |
| 65   | 4,6-Dinitro-2-methylphenol | 0.109 | 0.131 | -20.2  | 90    | 0.00     |
| 66 c | n-Nitrosodiphenylamine     | 0.686 | 0.672 | 2.0    | 78    | 0.00     |
| 67   | 4-Bromophenyl-phenylether  | 0.228 | 0.232 | -1.8   | 81    | 0.00     |
| 68   | Hexachlorobenzene          | 0.257 | 0.259 | -0.8   | 81    | 0.00     |
| 69   | Atrazine                   | 0.170 | 0.178 | -4.7   | 81    | 0.00     |
| 70 C | Pentachlorophenol          | 0.141 | 0.135 | 4.3    | 70    | 0.00     |
| 71   | Phenanthrene               | 1.090 | 1.062 | 2.6    | 79    | 0.00     |
| 72   | Anthracene                 | 1.125 | 1.103 | 2.0    | 79    | 0.00     |
| 73   | Carbazole                  | 1.015 | 0.998 | 1.7    | 78    | 0.00     |
| 74   | Di-n-butylphthalate        | 1.171 | 1.231 | -5.1   | 83    | 0.00     |
| 75 C | Fluoranthene               | 1.163 | 1.170 | -0.6   | 80    | 0.00     |
| 76 I | Chrysene-d12               | 1.000 | 1.000 | 0.0    | 80    | 0.00     |
| 77   | Benzidine                  | 0.663 | 0.953 | -43.7# | 107   | 0.00     |
| 78   | Pyrene                     | 1.461 | 1.464 | -0.2   | 80    | 0.00     |
| 79 S | Terphenyl-d14              | 0.987 | 0.994 | -0.7   | 83    | 0.00     |
| 80   | Butylbenzylphthalate       | 0.591 | 0.656 | -11.0  | 85    | 0.00     |
| 81   | Benzo(a)anthracene         | 1.265 | 1.313 | -3.8   | 84    | 0.00     |
| 82   | 3,3'-Dichlorobenzidine     | 0.494 | 0.524 | -6.1   | 81    | 0.00     |
| 83   | Chrysene                   | 1.281 | 1.267 | 1.1    | 79    | 0.00     |
| 84   | Bis(2-ethylhexyl)phthalate | 0.790 | 0.891 | -12.8  | 89    | 0.00     |
| 85 c | Di-n-octyl phthalate       | 1.393 | 1.530 | -9.8   | 84    | 0.00     |
| 86 I | Perylene-d12               | 1.000 | 1.000 | 0.0    | 80    | 0.00     |
| 87   | Indeno(1,2,3-cd)pyrene     | 1.302 | 1.250 | 4.0    | 78    | 0.00     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\  
Data File : BF121810.D  
Acq On : 5 Oct 2020 10:28  
Operator : JU/CG  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
LabSampleId :  
SSTDCCC040

Quant Time: Oct 05 11:03:33 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 01 14:29:14 2020  
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) |
|------|------------------------|-------|-------|------|-------|----------|
| 88   | Benzo(b)fluoranthene   | 1.337 | 1.395 | -4.3 | 87    | 0.00     |
| 89   | Benzo(k)fluoranthene   | 1.224 | 1.219 | 0.4  | 76    | 0.00     |
| 90 C | Benzo(a)pyrene         | 1.137 | 1.163 | -2.3 | 81    | 0.00     |
| 91   | Dibenzo(a,h)anthracene | 1.084 | 1.038 | 4.2  | 78    | 0.00     |
| 92   | Benzo(g,h,i)perylene   | 1.066 | 0.999 | 6.3  | 77    | 0.00     |

(#) = Out of Range

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