# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF012818\
Data File : BF102582.D
Acq On : 29 Jan 2018 3:20
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**LabSampleId :** SSTDCCC040

Quant Time: Jan 29 06:24:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | 1,4-Dichlorobenzene-d4 | 20.000 | 20.000 | 0.0 | 107 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 44.099 | -10.2 | 116 | -0.03 |
| 3 | | Pyridine | 40.000 | 42.765 | -6.9 | 109 | -0.03 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 41.497 | -3.7 | 106 | -0.03 |
| 5 | S | 2-Fluorophenol | 80.000 | 81.594 | -2.0 | 107 | 0.00 |
| 6 | | Aniline | 40.000 | 38.174 | 4.6 | 100 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 78.655 | 1.7 | 104 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.020 | -0.1 | 104 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 43.491 | -8.7 | 111 | 0.00 |
| 10 | C | Phenol | 40.000 | 38.093 | 4.8 | 100 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 41.057 | -2.6 | 107 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.012 | 2.5 | 103 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.080 | 2.3 | 103 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 38.837 | 2.9 | 102 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 36.462 | 8.8 | 96 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.513 | 3.7 | 100 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 38.058 | 4.9 | 98 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 28.447 | 28.9# | 74 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 39.142 | 2.1 | 103 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 41.097 | -2.7 | 105 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 102 | 0.00 |
| 22 | | Acetophenone | 40.000 | 40.344 | -0.9 | 105 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 78.596 | 1.8 | 99 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.376 | -0.9 | 101 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.280 | 1.8 | 99 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 28.208 | 29.5# | 69 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.493 | 1.3 | 99 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 41.439 | -3.6 | 104 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 37.637 | 5.9 | 95 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 37.873 | 5.3 | 96 | 0.00 |
| 31 | | Naphthalene | 40.000 | 37.923 | 5.2 | 97 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 18.597 | 53.5# | 46 | -0.02 |
| 33 | | 4-Chloroaniline | 40.000 | 38.231 | 4.4 | 97 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 38.136 | 4.7 | 95 | 0.00 |
| 35 | | Caprolactam | 40.000 | 35.996 | 10.0 | 89 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 36.025 | 9.9 | 90 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 36.125 | 9.7 | 92 | 0.00 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 86 | 0.00 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 41.036 | -2.6 | 88 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 0.273 | 99.3# | 1 | 0.00 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 56.405 | 29.5# | 61 | 0.00 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 37.245 | 6.9 | 79 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 36.475 | 8.8 | 77 | 0.00 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 84.243 | -5.3 | 90 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF012818\
Data File : BF102582.D
Acq On : 29 Jan 2018 3:20
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**LabSampleId :** SSTDCCC040

Quant Time: Jan 29 06:24:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | | 1,1'-Biphenyl | 40.000 | 40.825 | -2.1 | 89 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 39.863 | 0.3 | 86 | 0.00 |
| 47 | | 2-Nitroaniline | 40.000 | 43.678 | -9.2 | 94 | 0.00 |
| 48 | | Acenaphthylene | 40.000 | 38.064 | 4.8 | 82 | 0.00 |
| 49 | | Dimethylphthalate | 40.000 | 40.024 | -0.1 | 87 | 0.00 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 34.193 | 14.5 | 72 | 0.00 |
| 51 | C | Acenaphthene | 40.000 | 37.572 | 6.1 | 82 | 0.00 |
| 52 | | 3-Nitroaniline | 40.000 | 41.986 | -5.0 | 90 | 0.00 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 0.000 | 100.0# | 0 | -9.83# |
| 54 | | Dibenzofuran | 40.000 | 38.376 | 4.1 | 81 | 0.00 |
| 55 | P | 4-Nitrophenol | 40.000 | 31.542 | 21.1 | 63 | 0.00 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 28.693 | 28.3# | 60 | 0.00 |
| 57 | | Fluorene | 40.000 | 37.486 | 6.3 | 81 | 0.00 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 31.344 | 21.6 | 68 | 0.00 |
| 59 | | Diethylphthalate | 40.000 | 38.639 | 3.4 | 84 | 0.00 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 38.892 | 2.8 | 82 | 0.00 |
| 61 | | 4-Nitroaniline | 40.000 | 37.699 | 5.8 | 80 | 0.00 |
| 62 | | Azobenzene | 40.000 | 35.795 | 10.5 | 77 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 71 | 0.00 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 0.544 | 98.6# | 1 | 0.00 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 43.289 | -8.2 | 78 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 40.660 | -1.6 | 72 | 0.00 |
| 67 | | Hexachlorobenzene | 40.000 | 36.564 | 8.6 | 64 | 0.00 |
| 68 | | Atrazine | 40.000 | 31.788 | 20.5 | 57 | 0.00 |
| 69 | C | Pentachlorophenol | 40.000 | 42.855 | -7.1 | 70 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 38.198 | 4.5 | 69 | 0.00 |
| 71 | | Anthracene | 40.000 | 38.954 | 2.6 | 70 | 0.00 |
| 72 | | Carbazole | 40.000 | 38.842 | 2.9 | 70 | 0.00 |
| 73 | | Di-n-butylphthalate | 40.000 | 40.550 | -1.4 | 72 | 0.00 |
| 74 | C | Fluoranthene | 40.000 | 38.353 | 4.1 | 69 | 0.00 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 77 | 0.00 |
| 76 | | Benzidine | 40.000 | 46.323 | -15.8 | 95 | 0.00 |
| 77 | | Pyrene | 40.000 | 36.532 | 8.7 | 70 | 0.00 |
| 78 | S | Terphenyl-d14 | 80.000 | 68.976 | 13.8 | 68 | 0.00 |
| 79 | | Butylbenzylphthalate | 40.000 | 37.135 | 7.2 | 69 | 0.00 |
| 80 | | Benzo(a)anthracene | 40.000 | 39.590 | 1.0 | 78 | 0.00 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 42.899 | -7.2 | 81 | 0.00 |
| 82 | | Chrysene | 40.000 | 38.573 | 3.6 | 75 | 0.00 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 39.225 | 1.9 | 74 | 0.00 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 39.775 | 0.6 | 75 | 0.00 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 30.460 | 23.8 | 63 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 67 | 0.00 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 41.678 | -4.2 | 68 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF012818\
Data File : BF102582.D
Acq On : 29 Jan 2018 3:20
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**LabSampleId :** SSTDCCC040

Quant Time: Jan 29 06:24:14 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
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 | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 88 | Benzo(k)fluoranthene | 40.000 | 40.392 | -1.0 | 69 | 0.00 |
| 89 C | Benzo(a)pyrene | 40.000 | 39.046 | 2.4 | 65 | 0.00 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 36.226 | 9.4 | 63 | 0.00 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 35.709 | 10.7 | 63 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 1