# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF031915\
Data File : BF077847.D
Acq On : 19 Mar 2015 23:05
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 20 02:00:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 01:13:23 2015
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 | 109 | -0.01 |
| 2 | | 1,4-Dioxane | 40.000 | 35.979 | 10.1 | 98 | -0.01 |
| 3 | | Pyridine | 40.000 | 35.969 | 10.1 | 101 | -0.01 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 35.251 | 11.9 | 89 | -0.01 |
| 5 | S | 2-Fluorophenol | 80.000 | 80.614 | -0.8 | 114 | 0.00 |
| 6 | | Aniline | 40.000 | 39.932 | 0.2 | 113 | -0.01 |
| 7 | S | Phenol-d6 | 80.000 | 79.642 | 0.4 | 110 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.206 | -0.5 | 115 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 47.343 | -18.4 | 131 | 0.00 |
| 10 | C | Phenol | 40.000 | 39.810 | 0.5 | 113 | 0.01 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 39.532 | 1.2 | 109 | -0.01 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.195 | 2.0 | 112 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.565 | 1.1 | 115 | -0.01 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.020 | 2.4 | 112 | -0.01 |
| 15 | | Benzyl Alcohol | 40.000 | 40.176 | -0.4 | 111 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.859 | 2.9 | 110 | -0.01 |
| 17 | | 2-Methylphenol | 40.000 | 39.715 | 0.7 | 109 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 38.577 | 3.6 | 112 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 39.851 | 0.4 | 113 | -0.01 |
| 20 | | 3+4-Methylphenols | 40.000 | 39.557 | 1.1 | 112 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 110 | -0.01 |
| 22 | | Acetophenone | 40.000 | 40.046 | -0.1 | 112 | -0.01 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.108 | -0.1 | 114 | -0.01 |
| 24 | | Nitrobenzene | 40.000 | 40.208 | -0.5 | 117 | -0.01 |
| 25 | | Isophorone | 40.000 | 37.625 | 5.9 | 104 | -0.01 |
| 26 | C | 2-Nitrophenol | 40.000 | 39.942 | 0.1 | 104 | -0.01 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.211 | 2.0 | 108 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.226 | 1.9 | 111 | -0.01 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.035 | -0.1 | 110 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 37.730 | 5.7 | 105 | -0.01 |
| 31 | | Naphthalene | 40.000 | 38.339 | 4.2 | 107 | -0.01 |
| 32 | | Benzoic acid | 40.000 | 39.077 | 2.3 | 112 | 0.01 |
| 33 | | 4-Chloroaniline | 40.000 | 39.408 | 1.5 | 107 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 38.178 | 4.6 | 108 | -0.01 |
| 35 | | Caprolactam | 40.000 | 43.382 | -8.5 | 119 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 39.944 | 0.1 | 113 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 38.330 | 4.2 | 104 | 0.00 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 113 | -0.01 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 36.306 | 9.2 | 103 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 35.256 | 11.9 | 102 | -0.01 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 74.785 | 6.5 | 104 | -0.01 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 38.289 | 4.3 | 104 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 38.380 | 4.0 | 109 | 0.00 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 72.340 | 9.6 | 106 | -0.01 |

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF031915\
Data File : BF077847.D
Acq On : 19 Mar 2015 23:05
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 20 02:00:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 01:13:23 2015
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 | 36.246 | 9.4 | 102 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 36.821 | 7.9 | 106 | -0.01 |
| 47 | | 2-Nitroaniline | 40.000 | 41.798 | -4.5 | 111 | -0.01 |
| 48 | | Acenaphthylene | 40.000 | 37.682 | 5.8 | 109 | -0.01 |
| 49 | | Dimethylphthalate | 40.000 | 37.597 | 6.0 | 109 | -0.01 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 37.942 | 5.1 | 107 | -0.01 |
| 51 | C | Acenaphthene | 40.000 | 37.055 | 7.4 | 105 | 0.00 |
| 52 | | 3-Nitroaniline | 40.000 | 41.497 | -3.7 | 114 | 0.00 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 41.445 | -3.6 | 126 | 0.00 |
| 54 | | Dibenzofuran | 40.000 | 36.050 | 9.9 | 102 | -0.01 |
| 55 | P | 4-Nitrophenol | 40.000 | 39.920 | 0.2 | 105 | 0.00 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 39.325 | 1.7 | 111 | -0.01 |
| 57 | | Fluorene | 40.000 | 37.959 | 5.1 | 107 | 0.00 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 39.942 | 0.1 | 112 | -0.01 |
| 59 | | Diethylphthalate | 40.000 | 37.027 | 7.4 | 105 | 0.00 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 33.993 | 15.0 | 98 | -0.01 |
| 61 | | 4-Nitroaniline | 40.000 | 42.905 | -7.3 | 119 | 0.00 |
| 62 | | Azobenzene | 40.000 | 36.911 | 7.7 | 96 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 115 | -0.01 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 41.241 | -3.1 | 123 | -0.01 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 37.553 | 6.1 | 105 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 35.845 | 10.4 | 100 | -0.01 |
| 67 | | Hexachlorobenzene | 40.000 | 35.952 | 10.1 | 102 | -0.01 |
| 68 | | Atrazine | 40.000 | 38.265 | 4.3 | 104 | -0.01 |
| 69 | C | Pentachlorophenol | 40.000 | 35.010 | 12.5 | 102 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 37.930 | 5.2 | 108 | -0.02 |
| 71 | | Anthracene | 40.000 | 38.521 | 3.7 | 113 | -0.01 |
| 72 | | Carbazole | 40.000 | 39.466 | 1.3 | 117 | -0.01 |
| 73 | | Di-n-butylphthalate | 40.000 | 37.414 | 6.5 | 107 | -0.01 |
| 74 | C | Fluoranthene | 40.000 | 38.401 | 4.0 | 104 | -0.02 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 116 | -0.11 |
| 76 | | Benzidine | 40.000 | 34.468 | 13.8 | 97 | -0.01 |
| 77 | | Pyrene | 40.000 | 39.617 | 1.0 | 106 | -0.01 |
| 78 | S | Terphenyl-d14 | 80.000 | 71.056 | 11.2 | 98 | -0.03 |
| 79 | | Butylbenzylphthalate | 40.000 | 39.005 | 2.5 | 111 | -0.06 |
| 80 | | Benzo(a)anthracene | 40.000 | 39.287 | 1.8 | 118 | -0.11 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 40.543 | -1.4 | 124 | -0.11 |
| 82 | | Chrysene | 40.000 | 42.332 | -5.8 | 124 | -0.11 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 35.596 | 11.0 | 105 | -0.14 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 36.576 | 8.6 | 109 | -0.25 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 41.053 | -2.6 | 128 | -0.48 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 124 | -0.39 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 39.678 | 0.8 | 124 | -0.31 |

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF031915\
Data File : BF077847.D
Acq On : 19 Mar 2015 23:05
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 20 02:00:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 01:13:23 2015
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 | 38.144 | 4.6 | 124 | -0.31 |
| 89 C | Benzo(a)pyrene | 40.000 | 40.909 | -2.3 | 128 | -0.37 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 40.140 | -0.4 | 127 | -0.48 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 40.723 | -1.8 | 127 | -0.49 |

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