# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078857.D
Acq On : 30 Apr 2015 18:56
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ICVBF043015

Quant Time: Apr 30 19:32:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 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 | 104 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 39.254 | 1.9 | 103 | 0.00 |
| 3 | | Pyridine | 40.000 | 36.010 | 10.0 | 100 | 0.01 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 39.446 | 1.4 | 106 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 77.024 | 3.7 | 103 | 0.00 |
| 6 | | Aniline | 40.000 | 38.935 | 2.7 | 103 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 73.391 | 8.3 | 102 | -0.01 |
| 8 | | 2-Chlorophenol | 40.000 | 37.552 | 6.1 | 106 | -0.01 |
| 9 | | Benzaldehyde | 40.000 | 38.338 | 4.2 | 104 | 0.00 |
| 10 | C | Phenol | 40.000 | 38.896 | 2.8 | 104 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 36.850 | 7.9 | 105 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 37.561 | 6.1 | 105 | -0.01 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 38.112 | 4.7 | 105 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 38.315 | 4.2 | 105 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 37.104 | 7.2 | 103 | -0.01 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.853 | 5.4 | 106 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 37.353 | 6.6 | 103 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 38.459 | 3.9 | 103 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 39.916 | 0.2 | 104 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 37.956 | 5.1 | 102 | -0.01 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 104 | 0.00 |
| 22 | | Acetophenone | 40.000 | 36.529 | 8.7 | 102 | -0.01 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 75.469 | 5.7 | 103 | -0.01 |
| 24 | | Nitrobenzene | 40.000 | 37.317 | 6.7 | 105 | -0.01 |
| 25 | | Isophorone | 40.000 | 38.536 | 3.7 | 104 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.683 | -1.7 | 105 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.798 | 3.0 | 103 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.476 | 1.3 | 104 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 37.932 | 5.2 | 102 | -0.01 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 38.168 | 4.6 | 104 | 0.00 |
| 31 | | Naphthalene | 40.000 | 36.964 | 7.6 | 102 | -0.01 |
| 32 | | Benzoic acid | 40.000 | 35.797 | 10.5 | 92 | -0.03 |
| 33 | | 4-Chloroaniline | 40.000 | 38.247 | 4.4 | 107 | -0.01 |
| 34 | C | Hexachlorobutadiene | 40.000 | 38.271 | 4.3 | 106 | 0.00 |
| 35 | | Caprolactam | 40.000 | 40.622 | -1.6 | 108 | -0.02 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.828 | -2.1 | 103 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 38.299 | 4.3 | 104 | 0.00 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 103 | 0.00 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 38.507 | 3.7 | 106 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 38.487 | 3.8 | 103 | -0.01 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 78.255 | 2.2 | 101 | -0.01 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 40.060 | -0.2 | 105 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 39.694 | 0.8 | 105 | 0.00 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 77.519 | 3.1 | 104 | 0.00 |

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078857.D
Acq On : 30 Apr 2015 18:56
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ICVBF043015

Quant Time: Apr 30 19:32:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 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 | 38.212 | 4.5 | 106 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 37.405 | 6.5 | 105 | -0.01 |
| 47 | | 2-Nitroaniline | 40.000 | 37.908 | 5.2 | 99 | -0.01 |
| 48 | | Acenaphthylene | 40.000 | 38.111 | 4.7 | 104 | -0.01 |
| 49 | | Dimethylphthalate | 40.000 | 37.187 | 7.0 | 104 | -0.01 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 38.711 | 3.2 | 103 | 0.00 |
| 51 | C | Acenaphthene | 40.000 | 37.943 | 5.1 | 102 | -0.01 |
| 52 | | 3-Nitroaniline | 40.000 | 38.401 | 4.0 | 103 | -0.01 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 38.076 | 4.8 | 94 | -0.01 |
| 54 | | Dibenzofuran | 40.000 | 38.209 | 4.5 | 103 | 0.00 |
| 55 | P | 4-Nitrophenol | 40.000 | 36.143 | 9.6 | 98 | -0.01 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 39.699 | 0.8 | 101 | 0.00 |
| 57 | | Fluorene | 40.000 | 37.363 | 6.6 | 104 | -0.01 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 39.062 | 2.3 | 102 | 0.00 |
| 59 | | Diethylphthalate | 40.000 | 38.870 | 2.8 | 106 | -0.01 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 38.605 | 3.5 | 105 | 0.00 |
| 61 | | 4-Nitroaniline | 40.000 | 37.524 | 6.2 | 97 | -0.01 |
| 62 | | Azobenzene | 40.000 | 38.979 | 2.6 | 103 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 102 | 0.00 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 38.300 | 4.3 | 96 | 0.00 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 39.086 | 2.3 | 102 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 38.290 | 4.3 | 105 | 0.00 |
| 67 | | Hexachlorobenzene | 40.000 | 37.637 | 5.9 | 104 | -0.01 |
| 68 | | Atrazine | 40.000 | 37.844 | 5.4 | 103 | -0.01 |
| 69 | C | Pentachlorophenol | 40.000 | 37.790 | 5.5 | 102 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 38.279 | 4.3 | 102 | 0.00 |
| 71 | | Anthracene | 40.000 | 37.714 | 5.7 | 101 | -0.01 |
| 72 | | Carbazole | 40.000 | 38.421 | 3.9 | 102 | 0.00 |
| 73 | | Di-n-butylphthalate | 40.000 | 39.363 | 1.6 | 101 | -0.01 |
| 74 | C | Fluoranthene | 40.000 | 38.582 | 3.5 | 103 | -0.01 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 97 | -0.01 |
| 76 | | Benzidine | 40.000 | 40.526 | -1.3 | 96 | 0.00 |
| 77 | | Pyrene | 40.000 | 39.951 | 0.1 | 103 | 0.00 |
| 78 | S | Terphenyl-d14 | 80.000 | 79.456 | 0.7 | 103 | 0.00 |
| 79 | | Butylbenzylphthalate | 40.000 | 40.493 | -1.2 | 96 | 0.00 |
| 80 | | Benzo(a)anthracene | 40.000 | 38.909 | 2.7 | 99 | -0.01 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 40.436 | -1.1 | 99 | 0.00 |
| 82 | | Chrysene | 40.000 | 38.094 | 4.8 | 101 | -0.01 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 42.267 | -5.7 | 101 | 0.00 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 39.637 | 0.9 | 101 | 0.00 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.424 | 1.4 | 101 | -0.02 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 101 | -0.01 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 37.095 | 7.3 | 96 | -0.01 |

Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078857.D
Acq On : 30 Apr 2015 18:56
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ICVBF043015

Quant Time: Apr 30 19:32:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 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 | 41.140 | -2.9 | 106 | -0.01 |
| 89 C | Benzo(a)pyrene | 40.000 | 38.878 | 2.8 | 101 | -0.01 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 39.023 | 2.4 | 101 | -0.02 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 38.566 | 3.6 | 101 | -0.02 |

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