# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070615\
Data File : BF080362.D
Acq On : 7 Jul 2015 1:20
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 07 05:52:59 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 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 | 101 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 40.424 | -1.1 | 101 | 0.00 |
| 3 | | Pyridine | 40.000 | 36.814 | 8.0 | 97 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 44.481 | -11.2 | 112 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 81.178 | -1.5 | 103 | 0.00 |
| 6 | | Aniline | 40.000 | 41.175 | -2.9 | 104 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 78.984 | 1.3 | 103 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 40.780 | -2.0 | 102 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 40.866 | -2.2 | 103 | 0.00 |
| 10 | C | Phenol | 40.000 | 38.661 | 3.3 | 102 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 40.094 | -0.2 | 106 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 40.678 | -1.7 | 102 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 40.546 | -1.4 | 103 | -0.01 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 42.323 | -5.8 | 107 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 41.996 | -5.0 | 103 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 41.073 | -2.7 | 105 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.487 | -1.2 | 103 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 40.744 | -1.9 | 101 | -0.01 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 40.323 | -0.8 | 102 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 42.660 | -6.6 | 105 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 104 | 0.00 |
| 22 | | Acetophenone | 40.000 | 42.166 | -5.4 | 105 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 83.698 | -4.6 | 103 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.533 | -1.3 | 106 | 0.00 |
| 25 | | Isophorone | 40.000 | 41.531 | -3.8 | 106 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 41.126 | -2.8 | 101 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.067 | -0.2 | 104 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 42.264 | -5.7 | 107 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.974 | -2.4 | 104 | -0.01 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 40.298 | -0.7 | 104 | 0.00 |
| 31 | | Naphthalene | 40.000 | 40.629 | -1.6 | 103 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 42.056 | -5.1 | 103 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 42.601 | -6.5 | 111 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 41.921 | -4.8 | 107 | 0.00 |
| 35 | | Caprolactam | 40.000 | 38.206 | 4.5 | 98 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.364 | -0.9 | 105 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 41.498 | -3.7 | 106 | -0.01 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 103 | 0.00 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 41.661 | -4.2 | 105 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 38.406 | 4.0 | 100 | 0.00 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 87.136 | -8.9 | 107 | 0.00 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 41.072 | -2.7 | 99 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 42.268 | -5.7 | 105 | 0.00 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 83.196 | -4.0 | 105 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | | 1,1'-Biphenyl | 40.000 | 41.978 | -4.9 | 107 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 41.125 | -2.8 | 102 | 0.00 |
| 47 | | 2-Nitroaniline | 40.000 | 44.936 | -12.3 | 109 | 0.00 |
| 48 | | Acenaphthylene | 40.000 | 41.066 | -2.7 | 105 | 0.00 |
| 49 | | Dimethylphthalate | 40.000 | 38.829 | 2.9 | 106 | 0.00 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 43.416 | -8.5 | 107 | 0.00 |
| 51 | C | Acenaphthene | 40.000 | 41.736 | -4.3 | 105 | 0.00 |
| 52 | | 3-Nitroaniline | 40.000 | 44.522 | -11.3 | 106 | 0.00 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 35.769 | 10.6 | 89 | -0.01 |
| 54 | | Dibenzofuran | 40.000 | 40.987 | -2.5 | 106 | 0.00 |
| 55 | P | 4-Nitrophenol | 40.000 | 41.395 | -3.5 | 96 | 0.00 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 41.349 | -3.4 | 103 | 0.00 |
| 57 | | Fluorene | 40.000 | 42.202 | -5.5 | 105 | 0.00 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 41.004 | -2.5 | 100 | 0.00 |
| 59 | | Diethylphthalate | 40.000 | 43.447 | -8.6 | 109 | 0.00 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 40.270 | -0.7 | 101 | 0.00 |
| 61 | | 4-Nitroaniline | 40.000 | 43.138 | -7.8 | 100 | 0.00 |
| 62 | | Azobenzene | 40.000 | 41.026 | -2.6 | 101 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 104 | 0.00 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 35.016 | 12.5 | 90 | 0.00 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 40.660 | -1.6 | 103 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 40.646 | -1.6 | 103 | 0.00 |
| 67 | | Hexachlorobenzene | 40.000 | 40.760 | -1.9 | 104 | 0.00 |
| 68 | | Atrazine | 40.000 | 45.077 | -12.7 | 116 | 0.00 |
| 69 | C | Pentachlorophenol | 40.000 | 35.389 | 11.5 | 95 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 41.471 | -3.7 | 112 | 0.00 |
| 71 | | Anthracene | 40.000 | 39.400 | 1.5 | 99 | -0.01 |
| 72 | | Carbazole | 40.000 | 39.947 | 0.1 | 105 | 0.00 |
| 73 | | Di-n-butylphthalate | 40.000 | 39.603 | 1.0 | 101 | -0.01 |
| 74 | C | Fluoranthene | 40.000 | 39.882 | 0.3 | 104 | -0.02 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 105 | -0.06 |
| 76 | | Benzidine | 40.000 | 39.809 | 0.5 | 98 | -0.02 |
| 77 | | Pyrene | 40.000 | 41.068 | -2.7 | 105 | -0.02 |
| 78 | S | Terphenyl-d14 | 80.000 | 84.666 | -5.8 | 111 | -0.02 |
| 79 | | Butylbenzylphthalate | 40.000 | 41.250 | -3.1 | 98 | -0.05 |
| 80 | | Benzo(a)anthracene | 40.000 | 41.826 | -4.6 | 107 | -0.05 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 40.787 | -2.0 | 99 | -0.06 |
| 82 | | Chrysene | 40.000 | 40.049 | -0.1 | 100 | -0.05 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 42.673 | -6.7 | 100 | -0.06 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 40.818 | -2.0 | 97 | -0.08 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 41.212 | -3.0 | 102 | -0.08 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 102 | -0.07 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 38.981 | 2.5 | 92 | -0.07 |

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| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 88 | Benzo(k)fluoranthene | 40.000 | 42.148 | -5.4 | 113 | -0.07 |
| 89 C | Benzo(a)pyrene | 40.000 | 40.911 | -2.3 | 101 | -0.08 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 41.602 | -4.0 | 103 | -0.08 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 41.066 | -2.7 | 102 | -0.08 |

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