# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG040615\
Data File : BG016231.D
Acq On : 6 Apr 2015 19:40
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** ICVBG040615

Quant Time: Apr 07 04:42:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:17:17 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 | 36.250 | 9.4 | 94 | 0.00 |
| 3 | | Pyridine | 40.000 | 38.889 | 2.8 | 99 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 38.263 | 4.3 | 96 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 77.090 | 3.6 | 98 | 0.00 |
| 6 | | Aniline | 40.000 | 38.793 | 3.0 | 98 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 77.940 | 2.6 | 98 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.132 | 2.2 | 99 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 37.295 | 6.8 | 99 | 0.00 |
| 10 | C | Phenol | 40.000 | 39.224 | 1.9 | 98 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 38.142 | 4.6 | 98 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 38.612 | 3.5 | 100 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 37.767 | 5.6 | 100 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 38.527 | 3.7 | 100 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 40.297 | -0.7 | 99 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.896 | 5.3 | 96 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 39.734 | 0.7 | 99 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 37.520 | 6.2 | 98 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 40.250 | -0.6 | 98 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 40.512 | -1.3 | 100 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 99 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.971 | 2.6 | 99 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 78.556 | 1.8 | 99 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 38.754 | 3.1 | 98 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.422 | 1.4 | 99 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 43.131 | -7.8 | 103 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 39.673 | 0.8 | 99 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.465 | 3.8 | 98 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 40.656 | -1.6 | 100 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.021 | 2.4 | 100 | 0.00 |
| 31 | | Naphthalene | 40.000 | 38.528 | 3.7 | 99 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 40.446 | -1.1 | 108 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 39.554 | 1.1 | 99 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 38.941 | 2.6 | 101 | 0.00 |
| 35 | | Caprolactam | 40.000 | 42.298 | -5.7 | 100 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.115 | -0.3 | 99 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 38.884 | 2.8 | 100 | 0.00 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 98 | 0.00 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 39.384 | 1.5 | 102 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 41.195 | -3.0 | 104 | 0.00 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 83.816 | -4.8 | 102 | 0.00 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 41.318 | -3.3 | 102 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 41.220 | -3.0 | 103 | 0.00 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 78.485 | 1.9 | 101 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | | 1,1'-Biphenyl | 40.000 | 38.680 | 3.3 | 101 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 38.388 | 4.0 | 100 | 0.00 |
| 47 | | 2-Nitroaniline | 40.000 | 41.087 | -2.7 | 99 | 0.00 |
| 48 | | Acenaphthylene | 40.000 | 39.330 | 1.7 | 101 | 0.00 |
| 49 | | Dimethylphthalate | 40.000 | 39.360 | 1.6 | 100 | 0.00 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 40.838 | -2.1 | 102 | 0.00 |
| 51 | C | Acenaphthene | 40.000 | 38.813 | 3.0 | 101 | 0.00 |
| 52 | | 3-Nitroaniline | 40.000 | 41.051 | -2.6 | 101 | 0.00 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 40.259 | -0.6 | 108 | 0.00 |
| 54 | | Dibenzofuran | 40.000 | 38.857 | 2.9 | 101 | 0.00 |
| 55 | P | 4-Nitrophenol | 40.000 | 40.602 | -1.5 | 101 | 0.00 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 41.198 | -3.0 | 101 | 0.00 |
| 57 | | Fluorene | 40.000 | 39.116 | 2.2 | 101 | 0.00 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 41.477 | -3.7 | 104 | 0.00 |
| 59 | | Diethylphthalate | 40.000 | 39.788 | 0.5 | 101 | 0.00 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 39.425 | 1.4 | 102 | 0.00 |
| 61 | | 4-Nitroaniline | 40.000 | 40.034 | -0.1 | 99 | 0.00 |
| 62 | | Azobenzene | 40.000 | 38.255 | 4.4 | 99 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 100 | 0.00 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 38.808 | 3.0 | 104 | 0.00 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 39.096 | 2.3 | 101 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 39.381 | 1.5 | 101 | 0.00 |
| 67 | | Hexachlorobenzene | 40.000 | 39.707 | 0.7 | 103 | 0.00 |
| 68 | | Atrazine | 40.000 | 39.929 | 0.2 | 102 | 0.00 |
| 69 | C | Pentachlorophenol | 40.000 | 41.266 | -3.2 | 103 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 38.172 | 4.6 | 101 | 0.00 |
| 71 | | Anthracene | 40.000 | 39.140 | 2.1 | 102 | 0.00 |
| 72 | | Carbazole | 40.000 | 38.683 | 3.3 | 101 | 0.00 |
| 73 | | Di-n-butylphthalate | 40.000 | 39.706 | 0.7 | 101 | 0.00 |
| 74 | C | Fluoranthene | 40.000 | 38.951 | 2.6 | 102 | 0.00 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 103 | 0.00 |
| 76 | | Benzidine | 40.000 | 38.415 | 4.0 | 99 | 0.00 |
| 77 | | Pyrene | 40.000 | 38.528 | 3.7 | 102 | 0.00 |
| 78 | S | Terphenyl-d14 | 80.000 | 77.339 | 3.3 | 103 | 0.00 |
| 79 | | Butylbenzylphthalate | 40.000 | 40.430 | -1.1 | 102 | 0.00 |
| 80 | | Benzo(a)anthracene | 40.000 | 37.996 | 5.0 | 102 | 0.00 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 38.952 | 2.6 | 101 | 0.00 |
| 82 | | Chrysene | 40.000 | 37.852 | 5.4 | 102 | 0.00 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 39.713 | 0.7 | 101 | 0.00 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 41.088 | -2.7 | 101 | 0.00 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.122 | 2.2 | 103 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 101 | 0.00 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 37.863 | 5.3 | 99 | 0.00 |

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| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 88 | Benzo(k)fluoranthene | 40.000 | 39.347 | 1.6 | 106 | 0.00 |
| 89 C | Benzo(a)pyrene | 40.000 | 38.656 | 3.4 | 102 | 0.00 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 38.440 | 3.9 | 102 | 0.00 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 38.578 | 3.6 | 102 | 0.00 |

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