# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
Data File : BG016135.D
Acq On : 26 Mar 2015 11:16
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_G
**LabSampleId :** SSTDCCC040

Quant Time: Mar 26 16:34:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 15:24:59 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 | 39.290 | 1.8 | 103 | 0.00 |
| 3 | | Pyridine | 40.000 | 39.052 | 2.4 | 101 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 38.208 | 4.5 | 100 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 79.199 | 1.0 | 103 | 0.00 |
| 6 | | Aniline | 40.000 | 40.366 | -0.9 | 104 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 81.829 | -2.3 | 106 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 39.774 | 0.6 | 104 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 41.416 | -3.5 | 103 | 0.00 |
| 10 | C | Phenol | 40.000 | 41.031 | -2.6 | 106 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 39.080 | 2.3 | 102 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 39.298 | 1.8 | 103 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 39.200 | 2.0 | 102 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 39.666 | 0.8 | 104 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 40.976 | -2.4 | 104 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 39.185 | 2.0 | 102 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 40.423 | -1.1 | 105 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 39.348 | 1.6 | 104 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 39.339 | 1.7 | 103 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 41.283 | -3.2 | 106 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 104 | 0.00 |
| 22 | | Acetophenone | 40.000 | 39.374 | 1.6 | 103 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 80.122 | -0.2 | 105 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 40.042 | -0.1 | 105 | 0.00 |
| 25 | | Isophorone | 40.000 | 39.017 | 2.5 | 102 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.863 | -2.2 | 104 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 40.773 | -1.9 | 107 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 39.477 | 1.3 | 104 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 42.034 | -5.1 | 108 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 40.330 | -0.8 | 105 | 0.00 |
| 31 | | Naphthalene | 40.000 | 39.693 | 0.8 | 105 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 43.730 | -9.3 | 120 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 40.112 | -0.3 | 104 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 39.638 | 0.9 | 104 | 0.00 |
| 35 | | Caprolactam | 40.000 | 39.153 | 2.1 | 102 | 0.01 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 40.516 | -1.3 | 106 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 39.999 | 0.0 | 105 | 0.00 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 104 | 0.00 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 40.518 | -1.3 | 105 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 41.261 | -3.2 | 104 | 0.00 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 83.188 | -4.0 | 106 | 0.00 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 41.927 | -4.8 | 108 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 42.073 | -5.2 | 109 | 0.00 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 80.299 | -0.4 | 105 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | | 1,1'-Biphenyl | 40.000 | 40.158 | -0.4 | 106 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 40.012 | -0.0 | 105 | 0.00 |
| 47 | | 2-Nitroaniline | 40.000 | 40.330 | -0.8 | 106 | 0.00 |
| 48 | | Acenaphthylene | 40.000 | 39.829 | 0.4 | 104 | 0.00 |
| 49 | | Dimethylphthalate | 40.000 | 39.062 | 2.3 | 103 | 0.00 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 40.754 | -1.9 | 105 | 0.00 |
| 51 | C | Acenaphthene | 40.000 | 39.776 | 0.6 | 106 | 0.00 |
| 52 | | 3-Nitroaniline | 40.000 | 40.368 | -0.9 | 104 | 0.00 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 39.618 | 1.0 | 105 | 0.00 |
| 54 | | Dibenzofuran | 40.000 | 39.330 | 1.7 | 104 | 0.00 |
| 55 | P | 4-Nitrophenol | 40.000 | 41.666 | -4.2 | 104 | 0.00 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 40.708 | -1.8 | 105 | 0.00 |
| 57 | | Fluorene | 40.000 | 39.576 | 1.1 | 103 | 0.00 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 41.568 | -3.9 | 109 | 0.00 |
| 59 | | Diethylphthalate | 40.000 | 38.825 | 2.9 | 102 | 0.00 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 39.274 | 1.8 | 103 | 0.00 |
| 61 | | 4-Nitroaniline | 40.000 | 40.201 | -0.5 | 103 | 0.00 |
| 62 | | Azobenzene | 40.000 | 38.832 | 2.9 | 103 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 103 | 0.00 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 40.867 | -2.2 | 103 | 0.00 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 40.032 | -0.1 | 103 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 39.245 | 1.9 | 102 | 0.00 |
| 67 | | Hexachlorobenzene | 40.000 | 39.965 | 0.1 | 104 | 0.00 |
| 68 | | Atrazine | 40.000 | 38.862 | 2.8 | 101 | 0.00 |
| 69 | C | Pentachlorophenol | 40.000 | 43.080 | -7.7 | 106 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 39.301 | 1.7 | 103 | 0.00 |
| 71 | | Anthracene | 40.000 | 39.410 | 1.5 | 102 | 0.00 |
| 72 | | Carbazole | 40.000 | 39.840 | 0.4 | 103 | 0.00 |
| 73 | | Di-n-butylphthalate | 40.000 | 39.586 | 1.0 | 101 | 0.00 |
| 74 | C | Fluoranthene | 40.000 | 40.080 | -0.2 | 102 | 0.00 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 102 | 0.00 |
| 76 | | Benzidine | 40.000 | 37.304 | 6.7 | 91 | 0.00 |
| 77 | | Pyrene | 40.000 | 39.701 | 0.7 | 102 | 0.00 |
| 78 | S | Terphenyl-d14 | 80.000 | 79.936 | 0.1 | 101 | 0.00 |
| 79 | | Butylbenzylphthalate | 40.000 | 41.058 | -2.6 | 102 | 0.00 |
| 80 | | Benzo(a)anthracene | 40.000 | 39.549 | 1.1 | 101 | 0.00 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 41.177 | -2.9 | 104 | 0.00 |
| 82 | | Chrysene | 40.000 | 39.814 | 0.5 | 102 | 0.00 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 40.493 | -1.2 | 102 | 0.00 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 39.568 | 1.1 | 100 | 0.00 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 39.370 | 1.6 | 101 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 101 | 0.00 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 40.607 | -1.5 | 104 | 0.00 |

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| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 88 | Benzo(k)fluoranthene | 40.000 | 39.894 | 0.3 | 99 | 0.00 |
| 89 C | Benzo(a)pyrene | 40.000 | 40.213 | -0.5 | 101 | 0.00 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 40.244 | -0.6 | 101 | 0.01 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 39.978 | 0.1 | 101 | 0.00 |

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