# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060415\
Data File : BG017471.D
Acq On : 5 Jun 2015 11:02
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 05 15:41:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 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 | 114 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 33.820 | 15.4 | 101 | 0.00 |
| 3 | | Pyridine | 40.000 | 39.269 | 1.8 | 107 | -0.01 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 45.922 | -14.8 | 125 | -0.01 |
| 5 | S | 2-Fluorophenol | 80.000 | 91.770 | -14.7 | 129 | 0.00 |
| 6 | | Aniline | 40.000 | 40.226 | -0.6 | 114 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 95.715 | -19.6 | 133 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 45.847 | -14.6 | 131 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 38.779 | 3.1 | 105 | 0.00 |
| 10 | C | Phenol | 40.000 | 48.045 | -20.1# | 131 | 0.01 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 40.918 | -2.3 | 114 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 41.461 | -3.7 | 119 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 41.315 | -3.3 | 118 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 42.121 | -5.3 | 120 | -0.01 |
| 15 | | Benzyl Alcohol | 40.000 | 44.238 | -10.6 | 120 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 37.826 | 5.4 | 106 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 46.973 | -17.4 | 131 | 0.01 |
| 18 | | Hexachloroethane | 40.000 | 42.175 | -5.4 | 117 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 37.696 | 5.8 | 106 | -0.01 |
| 20 | | 3+4-Methylphenols | 40.000 | 47.364 | -18.4 | 130 | 0.01 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 121 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.106 | 4.7 | 113 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 77.037 | 3.7 | 112 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 39.872 | 0.3 | 118 | 0.00 |
| 25 | | Isophorone | 40.000 | 34.212 | 14.5 | 103 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 40.398 | -1.0 | 117 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 43.905 | -9.8 | 130 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 37.030 | 7.4 | 107 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 51.193 | -28.0# | 149 | 0.01 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 39.906 | 0.2 | 120 | 0.00 |
| 31 | | Naphthalene | 40.000 | 40.014 | -0.0 | 119 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 39.094 | 2.3 | 113 | 0.03 |
| 33 | | 4-Chloroaniline | 40.000 | 38.695 | 3.3 | 114 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 40.553 | -1.4 | 121 | 0.00 |
| 35 | | Caprolactam | 40.000 | 33.990 | 15.0 | 95 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 45.030 | -12.6 | 130 | 0.02 |
| 37 | | 2-Methylnaphthalene | 40.000 | 40.444 | -1.1 | 119 | 0.00 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 122 | 0.00 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 40.276 | -0.7 | 125 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 23.468 | 41.3# | 62 | 0.00 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 82.104 | -2.6 | 122 | 0.00 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 44.752 | -11.9 | 128 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 46.554 | -16.4 | 142 | 0.02 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 79.218 | 1.0 | 120 | 0.00 |

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

Quant Time: Jun 05 15:41:00 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 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 | 39.924 | 0.2 | 119 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 40.417 | -1.0 | 117 | 0.00 |
| 47 | | 2-Nitroaniline | 40.000 | 41.249 | -3.1 | 121 | 0.00 |
| 48 | | Acenaphthylene | 40.000 | 40.342 | -0.9 | 120 | 0.00 |
| 49 | | Dimethylphthalate | 40.000 | 35.485 | 11.3 | 105 | 0.00 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 36.965 | 7.6 | 111 | 0.00 |
| 51 | C | Acenaphthene | 40.000 | 39.278 | 1.8 | 119 | 0.00 |
| 52 | | 3-Nitroaniline | 40.000 | 36.093 | 9.8 | 107 | 0.00 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 35.746 | 10.6 | 108 | 0.00 |
| 54 | | Dibenzofuran | 40.000 | 39.482 | 1.3 | 117 | 0.00 |
| 55 | P | 4-Nitrophenol | 40.000 | 30.483 | 23.8 | 89 | 0.05 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 38.734 | 3.2 | 111 | 0.00 |
| 57 | | Fluorene | 40.000 | 39.758 | 0.6 | 118 | 0.00 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 42.288 | -5.7 | 120 | 0.00 |
| 59 | | Diethylphthalate | 40.000 | 35.295 | 11.8 | 105 | 0.00 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 39.824 | 0.4 | 119 | 0.00 |
| 61 | | 4-Nitroaniline | 40.000 | 34.286 | 14.3 | 96 | 0.00 |
| 62 | | Azobenzene | 40.000 | 39.055 | 2.4 | 115 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 111 | 0.00 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 39.460 | 1.3 | 108 | 0.00 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 43.110 | -7.8 | 117 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 42.188 | -5.5 | 119 | 0.00 |
| 67 | | Hexachlorobenzene | 40.000 | 44.090 | -10.2 | 123 | 0.00 |
| 68 | | Atrazine | 40.000 | 38.178 | 4.6 | 103 | 0.00 |
| 69 | C | Pentachlorophenol | 40.000 | 35.532 | 11.2 | 98 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 41.040 | -2.6 | 115 | 0.00 |
| 71 | | Anthracene | 40.000 | 40.746 | -1.9 | 114 | 0.00 |
| 72 | | Carbazole | 40.000 | 38.012 | 5.0 | 106 | 0.00 |
| 73 | | Di-n-butylphthalate | 40.000 | 37.791 | 5.5 | 104 | 0.00 |
| 74 | C | Fluoranthene | 40.000 | 38.154 | 4.6 | 107 | 0.00 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 109 | 0.00 |
| 76 | | Benzidine | 40.000 | 28.341 | 29.1# | 72 | 0.00 |
| 77 | | Pyrene | 40.000 | 39.714 | 0.7 | 106 | 0.00 |
| 78 | S | Terphenyl-d14 | 80.000 | 80.465 | -0.6 | 108 | 0.00 |
| 79 | | Butylbenzylphthalate | 40.000 | 40.056 | -0.1 | 105 | 0.00 |
| 80 | | Benzo(a)anthracene | 40.000 | 40.055 | -0.1 | 107 | 0.00 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 38.944 | 2.6 | 102 | 0.00 |
| 82 | | Chrysene | 40.000 | 40.306 | -0.8 | 108 | 0.00 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 40.731 | -1.8 | 108 | 0.00 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 40.942 | -2.4 | 110 | 0.00 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 44.913 | -12.3 | 119 | 0.02 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 112 | 0.00 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 40.762 | -1.9 | 111 | 0.00 |

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**LabSampleId :**
SSTDCCC040

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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 | 39.144 | 2.1 | 112 | 0.00 |
| 89 C | Benzo(a)pyrene | 40.000 | 40.301 | -0.8 | 111 | 0.00 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 43.530 | -8.8 | 120 | 0.01 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 42.979 | -7.4 | 120 | 0.02 |

(#) = Out of Range SPCC's out = 0 CCC's out = 2