# Evaluate Continuing Calibration Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG042915\
Data File : BG016800.D
Acq On : 29 Apr 2015 16:01
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** ICVBG042915

Quant Time: Apr 29 16:44:49 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 16:22:16 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 | 94 | 0.00 |
| 2 | | 1,4-Dioxane | 40.000 | 36.504 | 8.7 | 89 | 0.00 |
| 3 | | Pyridine | 40.000 | 39.178 | 2.1 | 95 | 0.00 |
| 4 | | n-Nitrosodimethylamine | 40.000 | 38.313 | 4.2 | 91 | 0.00 |
| 5 | S | 2-Fluorophenol | 80.000 | 76.003 | 5.0 | 93 | 0.00 |
| 6 | | Aniline | 40.000 | 39.050 | 2.4 | 94 | 0.00 |
| 7 | S | Phenol-d6 | 80.000 | 79.456 | 0.7 | 95 | 0.00 |
| 8 | | 2-Chlorophenol | 40.000 | 38.992 | 2.5 | 93 | 0.00 |
| 9 | | Benzaldehyde | 40.000 | 39.977 | 0.1 | 95 | 0.00 |
| 10 | C | Phenol | 40.000 | 39.739 | 0.7 | 95 | 0.00 |
| 11 | | bis(2-Chloroethyl)ether | 40.000 | 38.032 | 4.9 | 94 | 0.00 |
| 12 | | 1,3-Dichlorobenzene | 40.000 | 38.426 | 3.9 | 95 | 0.00 |
| 13 | C | 1,4-Dichlorobenzene | 40.000 | 38.311 | 4.2 | 94 | 0.00 |
| 14 | | 1,2-Dichlorobenzene | 40.000 | 38.651 | 3.4 | 96 | 0.00 |
| 15 | | Benzyl Alcohol | 40.000 | 39.104 | 2.2 | 93 | 0.00 |
| 16 | | 2,2'-oxybis(1-Chloropropane | 40.000 | 38.803 | 3.0 | 95 | 0.00 |
| 17 | | 2-Methylphenol | 40.000 | 39.678 | 0.8 | 95 | 0.00 |
| 18 | | Hexachloroethane | 40.000 | 38.248 | 4.4 | 95 | 0.00 |
| 19 | P | n-Nitroso-di-n-propylamine | 40.000 | 40.340 | -0.9 | 97 | 0.00 |
| 20 | | 3+4-Methylphenols | 40.000 | 40.076 | -0.2 | 95 | 0.00 |
| 21 | I | Naphthalene-d8 | 20.000 | 20.000 | 0.0 | 96 | 0.00 |
| 22 | | Acetophenone | 40.000 | 38.405 | 4.0 | 95 | 0.00 |
| 23 | S | Nitrobenzene-d5 | 80.000 | 76.611 | 4.2 | 94 | 0.00 |
| 24 | | Nitrobenzene | 40.000 | 38.365 | 4.1 | 96 | 0.00 |
| 25 | | Isophorone | 40.000 | 38.033 | 4.9 | 96 | 0.00 |
| 26 | C | 2-Nitrophenol | 40.000 | 38.643 | 3.4 | 95 | 0.00 |
| 27 | | 2,4-Dimethylphenol | 40.000 | 38.087 | 4.8 | 94 | 0.00 |
| 28 | | bis(2-Chloroethoxy)methane | 40.000 | 38.220 | 4.5 | 96 | 0.00 |
| 29 | C | 2,4-Dichlorophenol | 40.000 | 38.858 | 2.9 | 96 | 0.00 |
| 30 | | 1,2,4-Trichlorobenzene | 40.000 | 37.689 | 5.8 | 96 | 0.00 |
| 31 | | Naphthalene | 40.000 | 37.502 | 6.2 | 95 | 0.00 |
| 32 | | Benzoic acid | 40.000 | 40.196 | -0.5 | 95 | 0.00 |
| 33 | | 4-Chloroaniline | 40.000 | 39.569 | 1.1 | 96 | 0.00 |
| 34 | C | Hexachlorobutadiene | 40.000 | 37.280 | 6.8 | 96 | 0.00 |
| 35 | | Caprolactam | 40.000 | 38.039 | 4.9 | 94 | 0.00 |
| 36 | C | 4-Chloro-3-methylphenol | 40.000 | 38.999 | 2.5 | 97 | 0.00 |
| 37 | | 2-Methylnaphthalene | 40.000 | 37.952 | 5.1 | 97 | 0.00 |
| 38 | I | Acenaphthene-d10 | 20.000 | 20.000 | 0.0 | 96 | 0.00 |
| 39 | | 1,2,4,5-Tetrachlorobenzene | 40.000 | 37.747 | 5.6 | 94 | 0.00 |
| 40 | P | Hexachlorocyclopentadiene | 40.000 | 42.673 | -6.7 | 102 | 0.00 |
| 41 | S | 2,4,6-Tribromophenol | 80.000 | 76.501 | 4.4 | 94 | 0.00 |
| 42 | C | 2,4,6-Trichlorophenol | 40.000 | 38.358 | 4.1 | 94 | 0.00 |
| 43 | | 2,4,5-Trichlorophenol | 40.000 | 38.501 | 3.7 | 93 | 0.00 |
| 44 | S | 2-Fluorobiphenyl | 80.000 | 76.266 | 4.7 | 97 | 0.00 |

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| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 45 | | 1,1'-Biphenyl | 40.000 | 38.181 | 4.5 | 96 | 0.00 |
| 46 | | 2-Chloronaphthalene | 40.000 | 38.205 | 4.5 | 96 | 0.00 |
| 47 | | 2-Nitroaniline | 40.000 | 38.997 | 2.5 | 96 | 0.00 |
| 48 | | Acenaphthylene | 40.000 | 38.277 | 4.3 | 96 | 0.00 |
| 49 | | Dimethylphthalate | 40.000 | 38.044 | 4.9 | 96 | 0.00 |
| 50 | | 2,6-Dinitrotoluene | 40.000 | 38.661 | 3.3 | 96 | 0.00 |
| 51 | C | Acenaphthene | 40.000 | 38.067 | 4.8 | 97 | 0.00 |
| 52 | | 3-Nitroaniline | 40.000 | 40.453 | -1.1 | 97 | 0.00 |
| 53 | P | 2,4-Dinitrophenol | 40.000 | 40.234 | -0.6 | 98 | 0.00 |
| 54 | | Dibenzofuran | 40.000 | 37.960 | 5.1 | 96 | 0.00 |
| 55 | P | 4-Nitrophenol | 40.000 | 38.843 | 2.9 | 99 | 0.00 |
| 56 | | 2,4-Dinitrotoluene | 40.000 | 39.917 | 0.2 | 97 | 0.00 |
| 57 | | Fluorene | 40.000 | 38.347 | 4.1 | 97 | 0.00 |
| 58 | | 2,3,4,6-Tetrachlorophenol | 40.000 | 39.633 | 0.9 | 96 | 0.00 |
| 59 | | Diethylphthalate | 40.000 | 38.214 | 4.5 | 97 | 0.00 |
| 60 | | 4-Chlorophenyl-phenylether | 40.000 | 37.862 | 5.3 | 96 | 0.00 |
| 61 | | 4-Nitroaniline | 40.000 | 41.441 | -3.6 | 96 | 0.00 |
| 62 | | Azobenzene | 40.000 | 38.700 | 3.2 | 98 | 0.00 |
| 63 | I | Phenanthrene-d10 | 20.000 | 20.000 | 0.0 | 98 | 0.00 |
| 64 | | 4,6-Dinitro-2-methylphenol | 40.000 | 37.385 | 6.5 | 94 | 0.00 |
| 65 | c | n-Nitrosodiphenylamine | 40.000 | 38.200 | 4.5 | 96 | 0.00 |
| 66 | | 4-Bromophenyl-phenylether | 40.000 | 37.688 | 5.8 | 95 | 0.00 |
| 67 | | Hexachlorobenzene | 40.000 | 37.405 | 6.5 | 95 | 0.00 |
| 68 | | Atrazine | 40.000 | 38.025 | 4.9 | 95 | 0.00 |
| 69 | C | Pentachlorophenol | 40.000 | 40.445 | -1.1 | 96 | 0.00 |
| 70 | | Phenanthrene | 40.000 | 37.856 | 5.4 | 97 | 0.00 |
| 71 | | Anthracene | 40.000 | 38.211 | 4.5 | 96 | 0.00 |
| 72 | | Carbazole | 40.000 | 38.052 | 4.9 | 96 | 0.00 |
| 73 | | Di-n-butylphthalate | 40.000 | 37.840 | 5.4 | 97 | 0.00 |
| 74 | C | Fluoranthene | 40.000 | 37.150 | 7.1 | 96 | 0.00 |
| 75 | I | Chrysene-d12 | 20.000 | 20.000 | 0.0 | 97 | 0.00 |
| 76 | | Benzidine | 40.000 | 38.159 | 4.6 | 89 | 0.00 |
| 77 | | Pyrene | 40.000 | 38.068 | 4.8 | 95 | 0.00 |
| 78 | S | Terphenyl-d14 | 80.000 | 76.143 | 4.8 | 97 | 0.00 |
| 79 | | Butylbenzylphthalate | 40.000 | 37.965 | 5.1 | 95 | 0.00 |
| 80 | | Benzo(a)anthracene | 40.000 | 37.291 | 6.8 | 96 | 0.00 |
| 81 | | 3,3'-Dichlorobenzidine | 40.000 | 37.684 | 5.8 | 93 | 0.00 |
| 82 | | Chrysene | 40.000 | 37.724 | 5.7 | 97 | 0.00 |
| 83 | | Bis(2-ethylhexyl)phthalate | 40.000 | 37.958 | 5.1 | 95 | 0.00 |
| 84 | c | Di-n-octyl phthalate | 40.000 | 37.962 | 5.1 | 95 | 0.00 |
| 85 | | Indeno(1,2,3-cd)pyrene | 40.000 | 36.626 | 8.4 | 95 | 0.00 |
| 86 | I | Perylene-d12 | 20.000 | 20.000 | 0.0 | 96 | 0.00 |
| 87 | | Benzo(b)fluoranthene | 40.000 | 37.759 | 5.6 | 95 | 0.00 |

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|---|---|---|---|---|---|---|
| 88 | Benzo(k)fluoranthene | 40.000 | 38.668 | 3.3 | 95 | 0.00 |
| 89 C | Benzo(a)pyrene | 40.000 | 37.942 | 5.1 | 96 | 0.00 |
| 90 | Dibenzo(a,h)anthracene | 40.000 | 36.594 | 8.5 | 95 | 0.00 |
| 91 | Benzo(g,h,i)perylene | 40.000 | 36.529 | 8.7 | 95 | 0.00 |

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